

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008712.D
 Acq On : 06 Apr 2019 11:58
 Operator : JC/SP
 Sample : VX0406WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Quant Time: Apr 08 01:52:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127824	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135974	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.49	113	100428	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	407407	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	145185	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	35454	16.000	ug/l 99
3) Chloromethane	1.32	50	50447	17.477	ug/l 98
4) Vinyl Chloride	1.40	62	48258	16.110	ug/l 98
5) Bromomethane	1.64	94	24220	17.680	ug/l 98
6) Chloroethane	1.71	64	29225	15.793	ug/l 97
7) Trichlorofluoromethane	1.92	101	56185	16.968	ug/l 95
8) Diethyl Ether	2.19	74	26576	16.924	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35701	16.746	ug/l 98
10) Methyl Iodide	2.51	142	28670	17.587	ug/l 99
11) Tert butyl alcohol	3.05	59	56605	86.111	ug/l 100
12) 1,1-Dichloroethene	2.37	96	36287	16.305	ug/l 98
13) Acrolein	2.29	56	45115	138.411	ug/l 100
14) Allyl chloride	2.73	41	84368	16.559	ug/l 100
15) Acrylonitrile	3.14	53	149954	86.109	ug/l 99
16) Acetone	2.45	43	143563	88.771	ug/l 99
17) Carbon Disulfide	2.57	76	104285	15.719	ug/l 99
18) Methyl Acetate	2.77	43	67004	17.083	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	139350	17.533	ug/l 100
20) Methylene Chloride	2.85	84	44591	16.472	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	39004	16.202	ug/l 94
22) Diisopropyl ether	3.85	45	169103	17.221	ug/l 91
23) Vinyl Acetate	3.81	43	749525	87.739	ug/l 100
24) 1,1-Dichloroethane	3.70	63	82632	16.996	ug/l 99
25) 2-Butanone	4.67	43	224428	87.801	ug/l 98
26) 2,2-Dichloropropane	4.58	77	57440	16.774	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	46322	16.736	ug/l 98
28) Bromochloromethane	5.01	49	45321	20.532	ug/l 100
29) Tetrahydrofuran	5.13	42	145261	85.622	ug/l 100
30) Chloroform	5.21	83	74214	17.090	ug/l 98
31) Cyclohexane	5.58	56	79694	16.427	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	60788	17.323	ug/l 99
36) 1,1-Dichloropropene	5.80	75	57331	16.565	ug/l 99
37) Ethyl Acetate	4.83	43	83622	18.102	ug/l 99
38) Carbon Tetrachloride	5.79	117	49047	17.123	ug/l 100

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 Acq On : 06 Apr 2019 11:58
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 Sample : VX0406WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0406WBS01

Quant Time: Apr 08 01:52:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71059	16.621	ug/l	98
40) Benzene	6.14	78	176673	17.135	ug/l	100
41) Methacrylonitrile	5.04	41	46376	17.465	ug/l	100
42) 1,2-Dichloroethane	6.19	62	63756	17.249	ug/l	100
43) Isopropyl Acetate	6.45	43	128274	17.726	ug/l	100
44) Trichloroethene	7.21	130	41272	17.187	ug/l	91
45) 1,2-Dichloropropane	7.51	63	51142	17.379	ug/l	100
46) Dibromomethane	7.66	93	29127	17.065	ug/l	99
47) Bromodichloromethane	7.90	83	55851	17.355	ug/l	98
48) Methyl methacrylate	7.77	41	64173	17.531	ug/l	99
49) 1,4-Dioxane	7.74	88	23975	349.625	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	423496	90.910	ug/l	100
52) Toluene	8.78	92	106873	17.582	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62226	17.262	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	70710	17.166	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	43331	17.759	ug/l	98
56) Ethyl methacrylate	9.18	69	79345	17.973	ug/l	100
57) 1,3-Dichloropropane	9.37	76	76493	17.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	206821	91.749	ug/l	99
59) 2-Hexanone	9.49	43	324104	89.525	ug/l	100
60) Dibromochloromethane	9.58	129	41033	17.847	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44399	17.479	ug/l	99
64) Tetrachloroethene	9.34	164	36169	17.410	ug/l	97
65) Chlorobenzene	10.14	112	108410	17.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	38318	17.573	ug/l	99
67) Ethyl Benzene	10.25	91	200813	17.326	ug/l	99
68) m/p-Xylenes	10.36	106	144840	34.757	ug/l	100
69) o-Xylene	10.69	106	71010	17.583	ug/l	99
70) Styrene	10.71	104	122770	17.636	ug/l	100
71) Bromoform	10.85	173	29366	17.633	ug/l #	99
73) Isopropylbenzene	11.02	105	189456	17.885	ug/l	100
74) N-amyl acetate	10.90	43	109564	17.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70644	17.535	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	80982	23.062	ug/l	82
77) Bromobenzene	11.26	156	45256	17.771	ug/l	99
78) n-propylbenzene	11.36	91	215992	17.511	ug/l	100
79) 2-Chlorotoluene	11.42	91	130375	17.467	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	158991	17.880	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22059	17.317	ug/l	95
82) 4-Chlorotoluene	11.51	91	148467	17.184	ug/l	99
83) tert-Butylbenzene	11.77	119	150963	17.647	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	159967	17.767	ug/l	99
85) sec-Butylbenzene	11.94	105	181061	17.818	ug/l	99
86) p-Isopropyltoluene	12.06	119	162066	17.769	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	77733	17.050	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	78029	16.902	ug/l	98
89) n-Butylbenzene	12.38	91	147776	17.277	ug/l	100
90) Hexachloroethane	12.60	117	26857	17.754	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	78624	17.370	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15365	17.337	ug/l	95

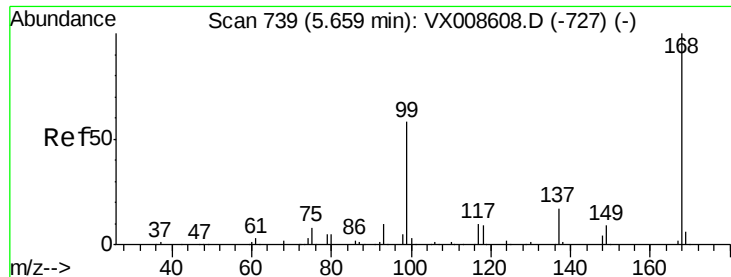
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
Data File : VX008712.D
Acq On : 06 Apr 2019 11:58
Operator : JC/SP
Sample : VX0406WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Quant Time: Apr 08 01:52:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53542	17.012	ug/l	99
94) Hexachlorobutadiene	13.78	225	27082	17.943	ug/l	98
95) Naphthalene	13.83	128	178600	16.979	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52429	16.673	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

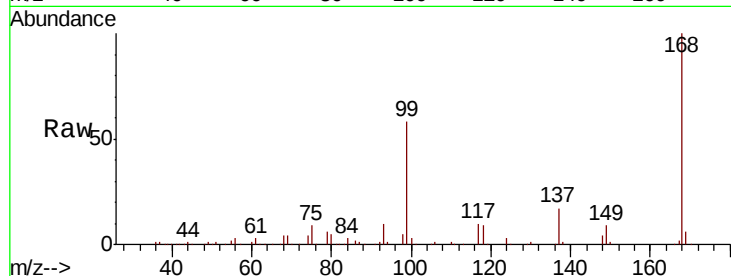
VX0406WBS01

Tot Ion:168 Resp: 192508

Ion Ratio Lower Upper

168 100

99 58.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

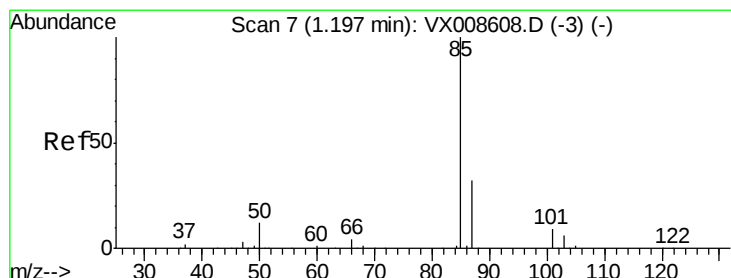
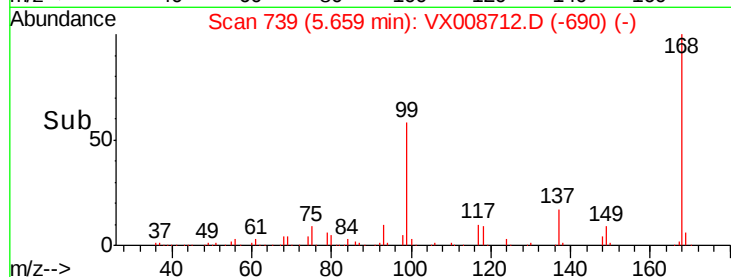
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.000 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008712.D

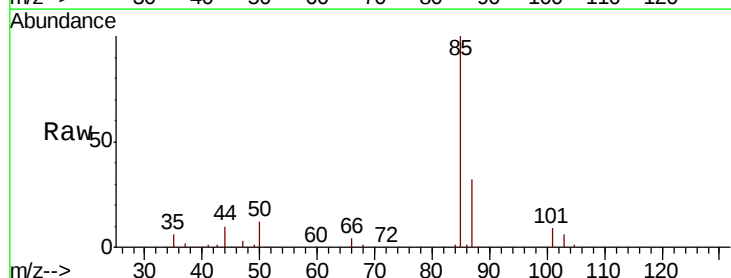
Acq: 06 Apr 2019 11:58

Tgt Ion: 85 Resp: 35454

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

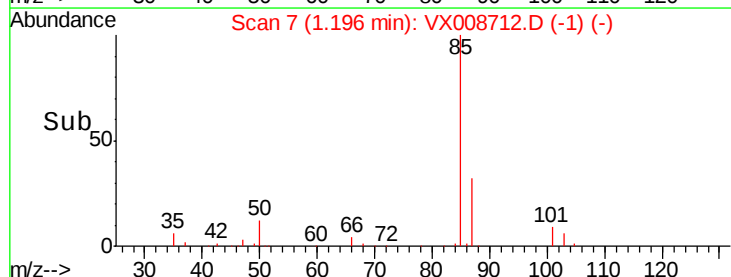
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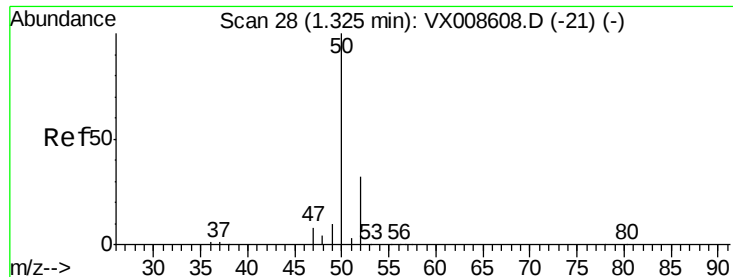
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0

1.15 1.20 1.25 1.30

Time-->

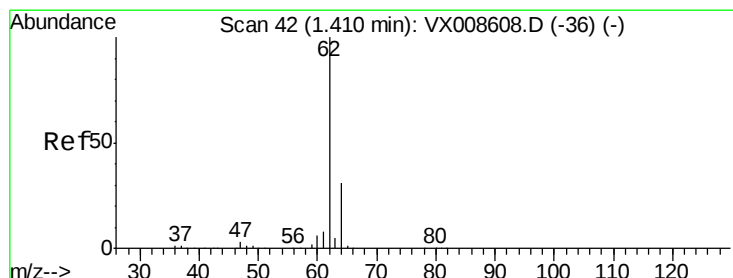
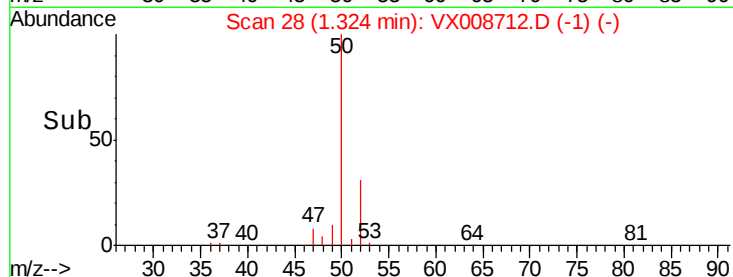
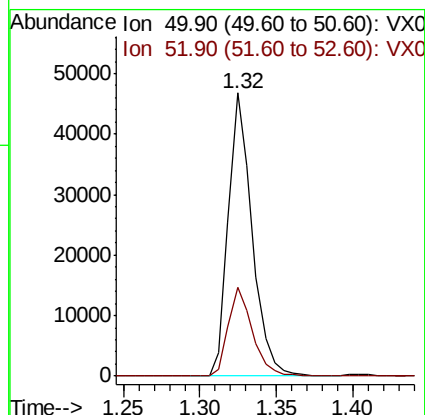
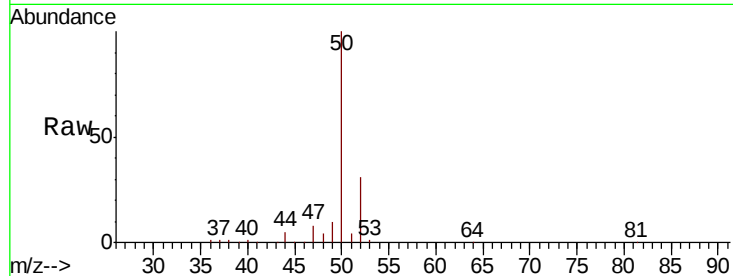




#3
Chloromethane
Concen: 17.477 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

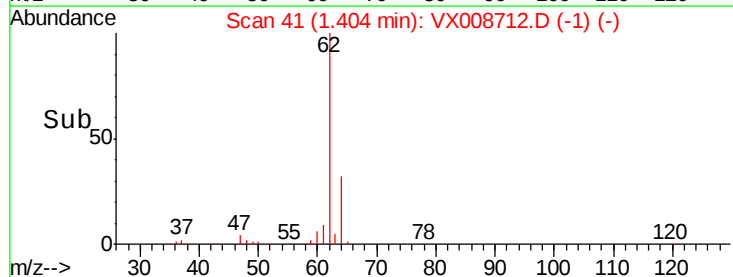
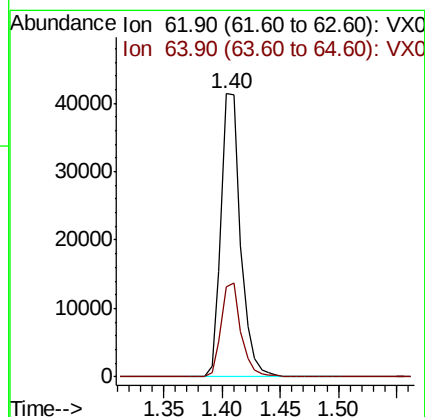
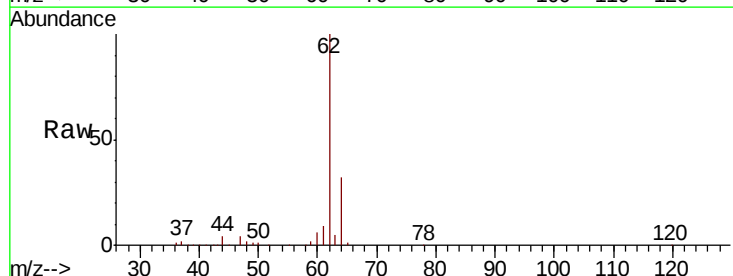
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

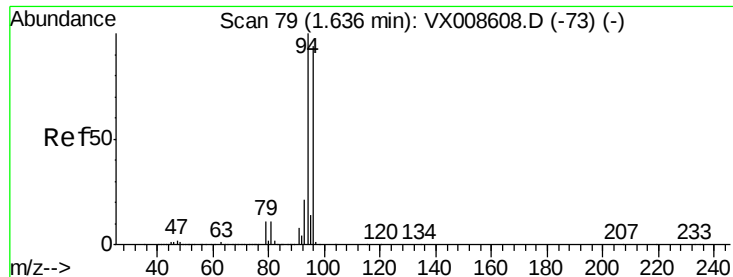
Tot Ion: 50 Resp: 50447
Ion Ratio Lower Upper
50 100
52 31.4 25.8 38.8



#4
Vinyl Chloride
Concen: 16.110 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Tgt Ion: 62 Resp: 48258
Ion Ratio Lower Upper
62 100
64 32.0 24.7 37.1





#5

Bromomethane

Concen: 17.680 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

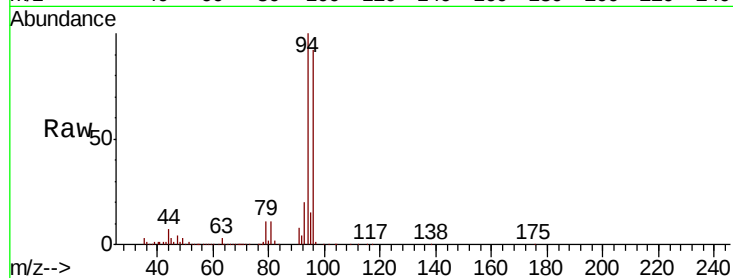
VX0406WBS01

Tot Ion: 94 Resp: 24220

Ion Ratio Lower Upper

94 100

96 91.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

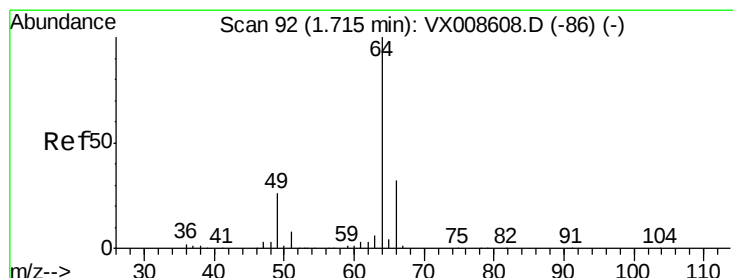
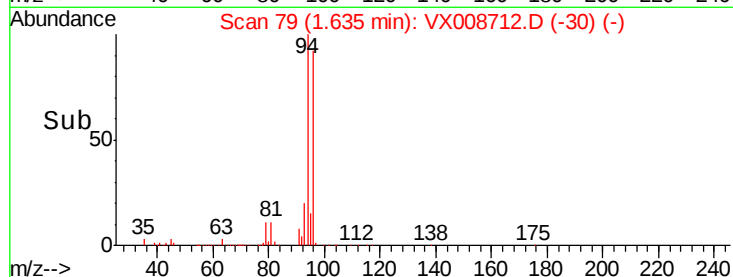
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 15.793 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008712.D

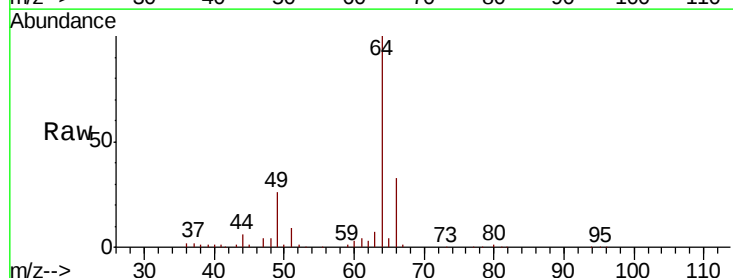
Acq: 06 Apr 2019 11:58

Tgt Ion: 64 Resp: 29225

Ion Ratio Lower Upper

64 100

66 33.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

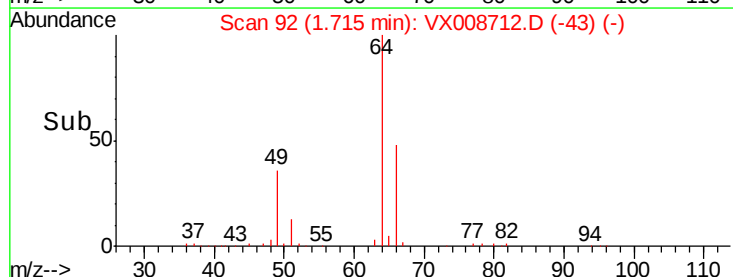
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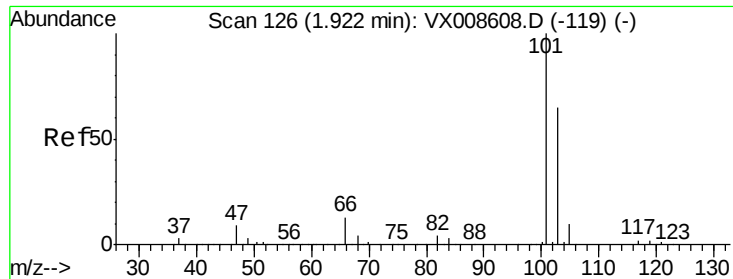
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0

Time-->

1.65 1.70 1.75 1.80



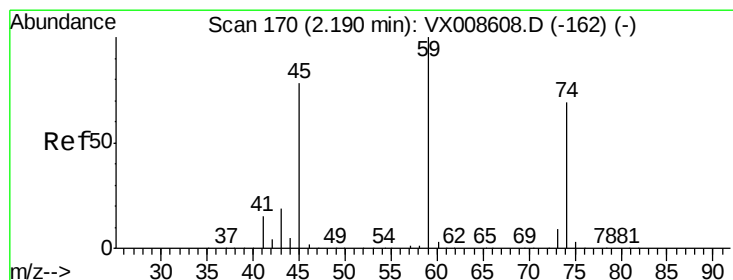
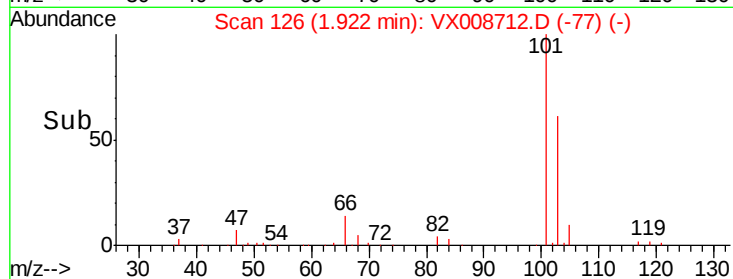
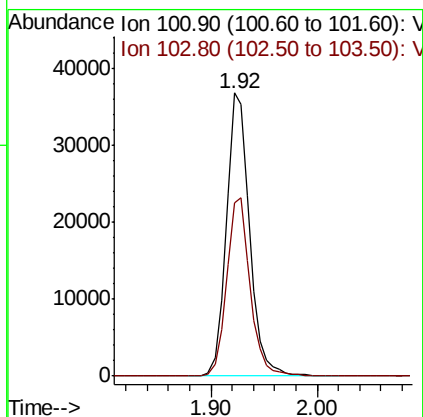
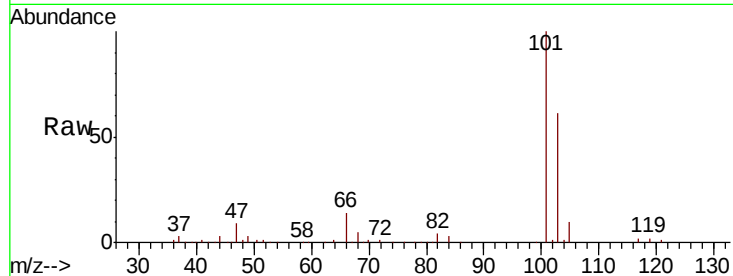


#7

Trichlorofluoromethane
 Concen: 16.968 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

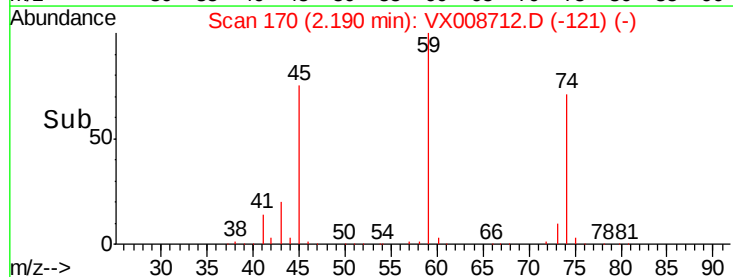
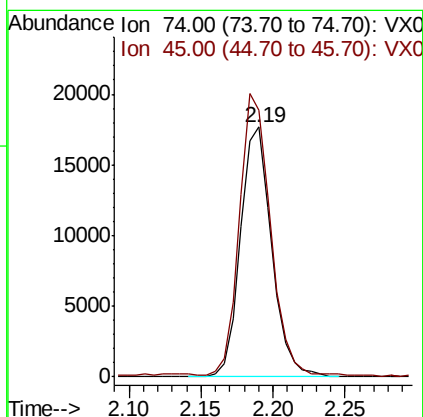
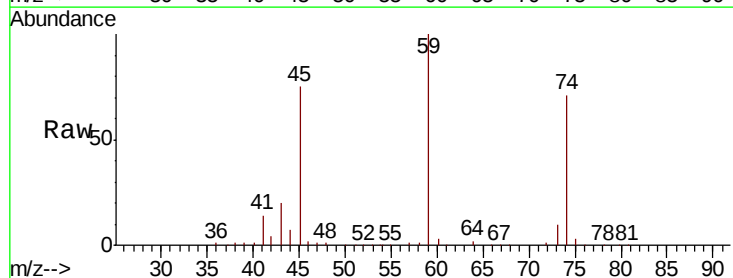
Tot Ion:101 Resp: 56185
 Ion Ratio Lower Upper
 101 100
 103 61.2 52.3 78.5

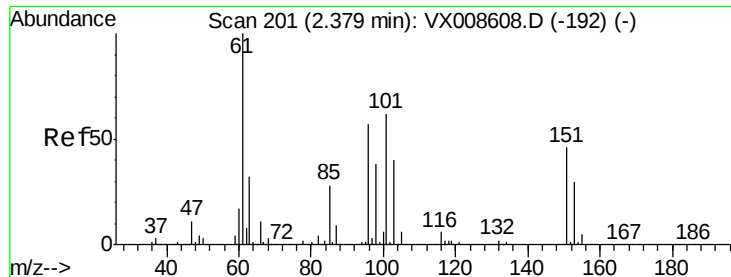


#8

Diethyl Ether
 Concen: 16.924 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Tgt Ion: 74 Resp: 26576
 Ion Ratio Lower Upper
 74 100
 45 112.8 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.746 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

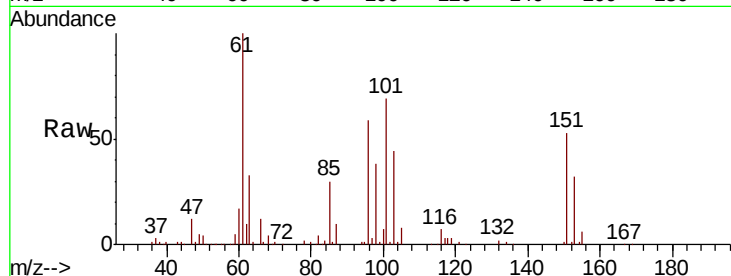
Tot Ion:101 Resp: 35701

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

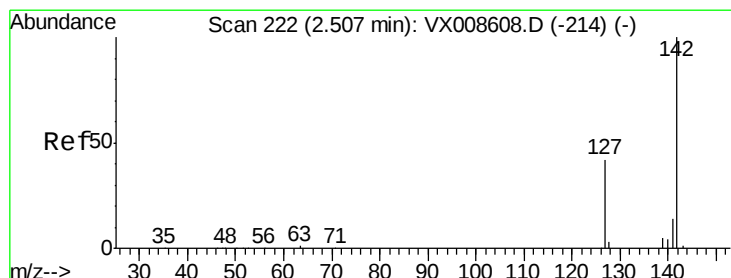
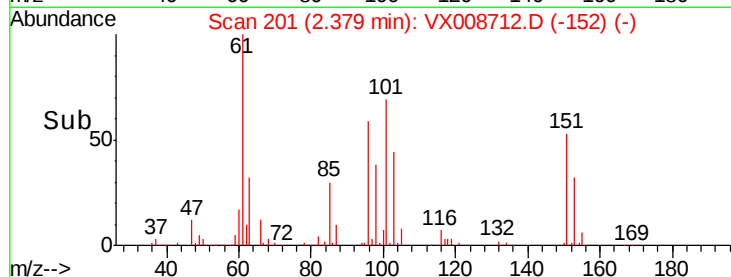
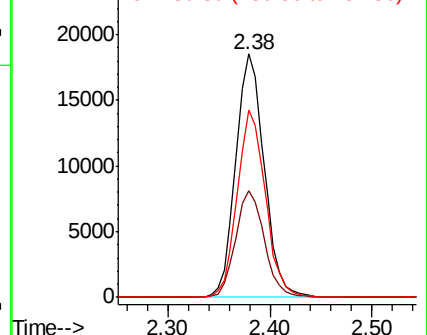
151 76.2 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.587 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

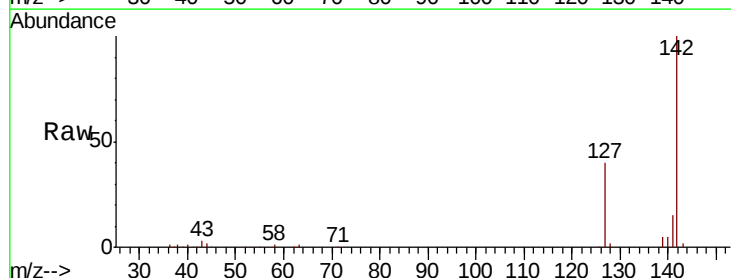
Tgt Ion:142 Resp: 28670

Ion Ratio Lower Upper

142 100

127 41.9 33.0 49.6

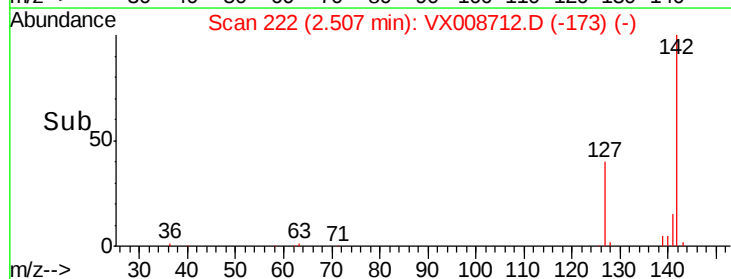
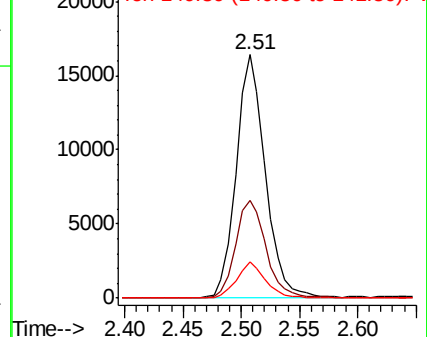
141 14.6 11.4 17.2

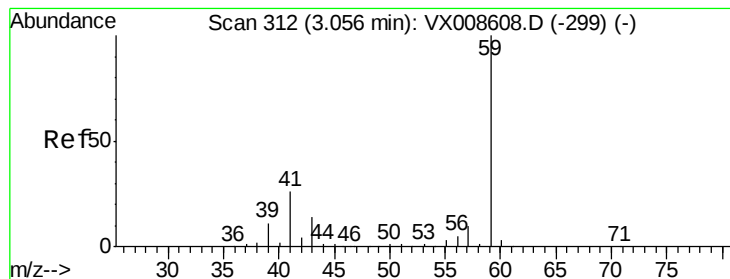


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



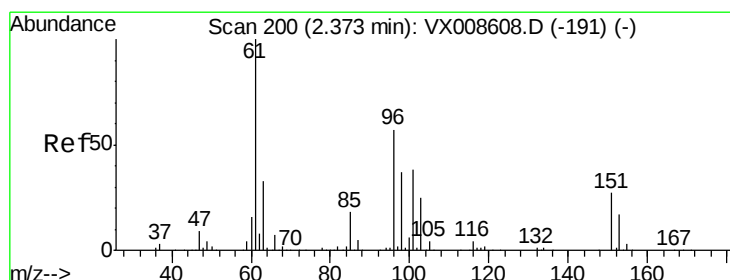
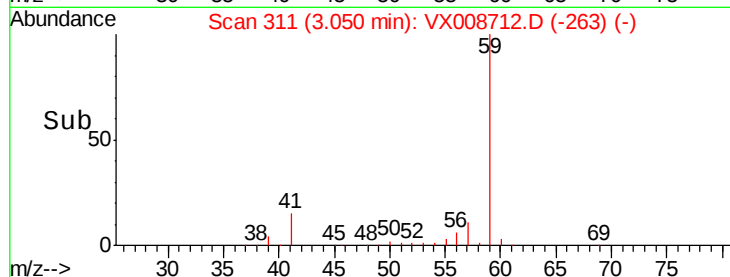
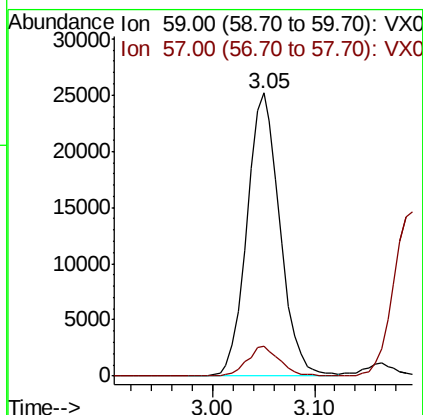
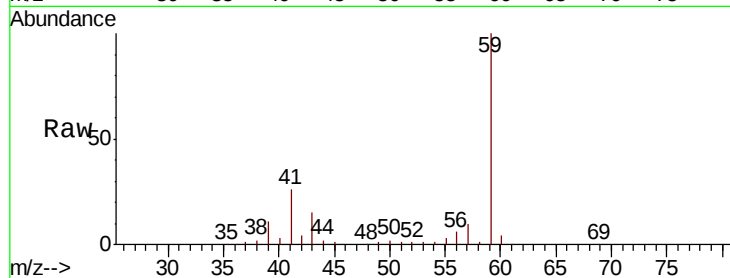


#11

Tert butyl alcohol
 Concen: 86.111 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

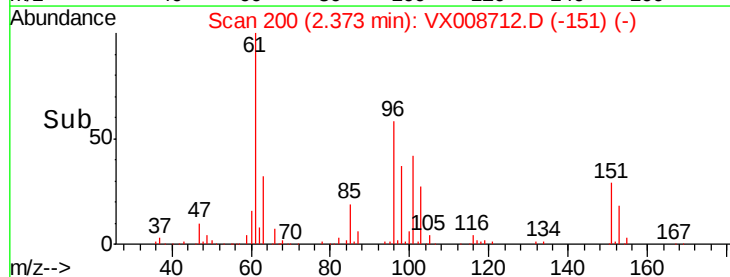
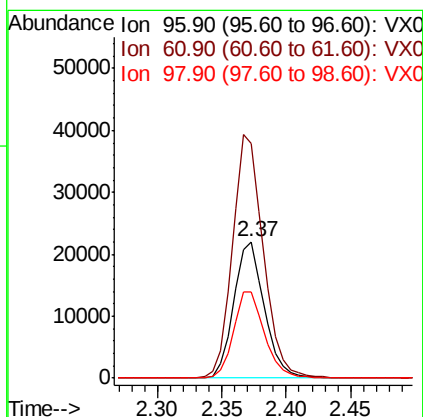
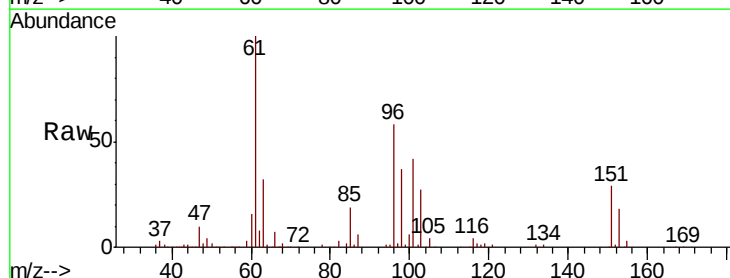
Tot Ion: 59 Resp: 56605
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

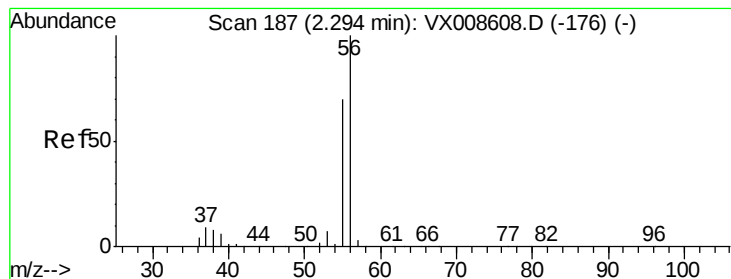


#12

1,1-Dichloroethene
 Concen: 16.305 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Tgt Ion: 96 Resp: 36287
 Ion Ratio Lower Upper
 96 100
 61 172.7 140.9 211.3
 98 63.3 52.1 78.1





#13

Acrolein

Concen: 138.411 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

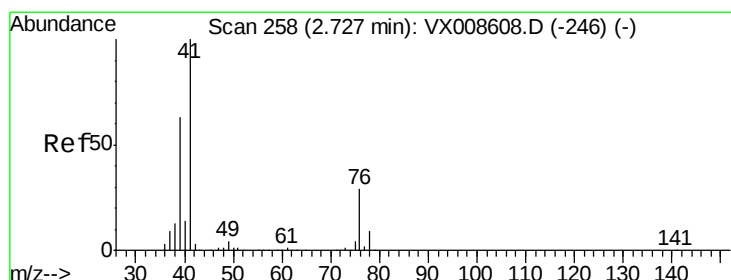
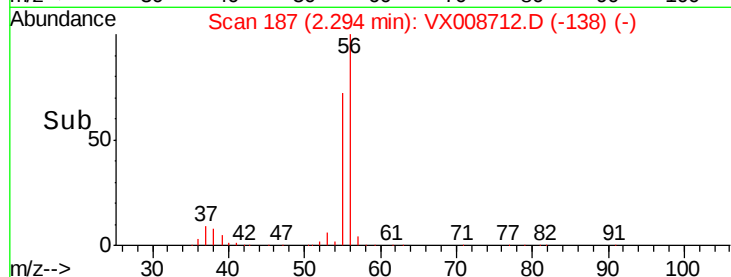
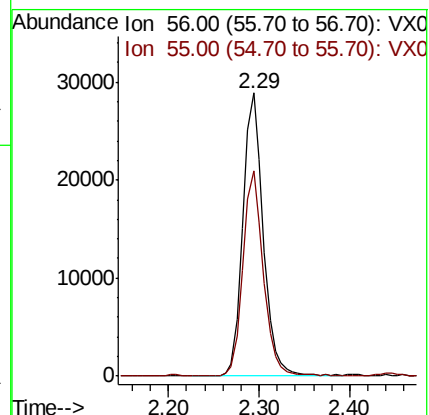
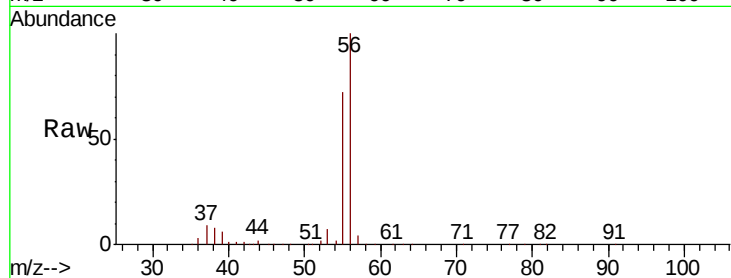
VX0406WBS01

Tot Ion: 56 Resp: 45115

Ion Ratio Lower Upper

56 100

55 72.3 58.0 87.0



#14

Allyl chloride

Concen: 16.559 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

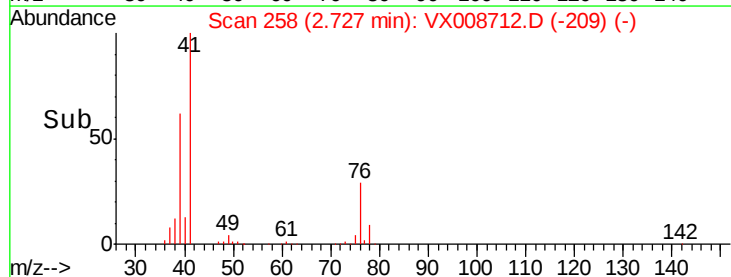
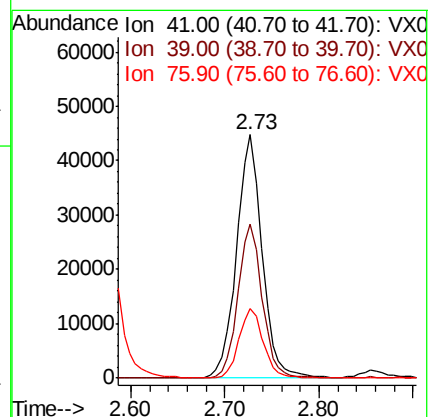
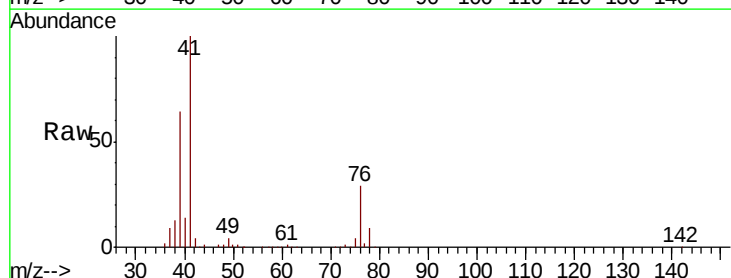
Tgt Ion: 41 Resp: 84368

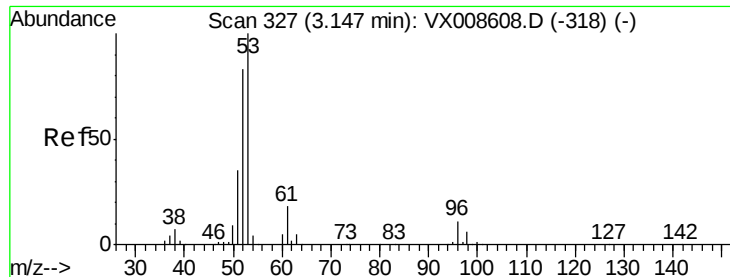
Ion Ratio Lower Upper

41 100

39 60.1 48.0 72.0

76 27.0 22.0 33.0





#15

Acrylonitrile

Concen: 86.109 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

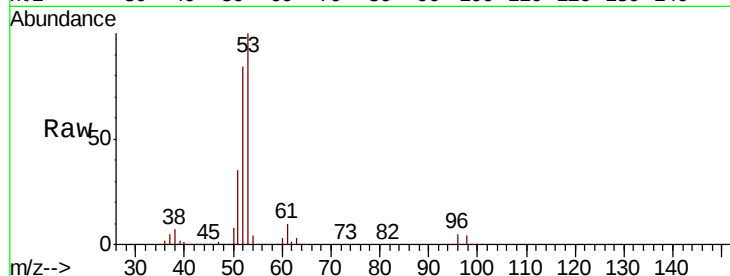
Tot Ion: 53 Resp: 149954

Ion Ratio Lower Upper

53 100

52 82.4 66.5 99.7

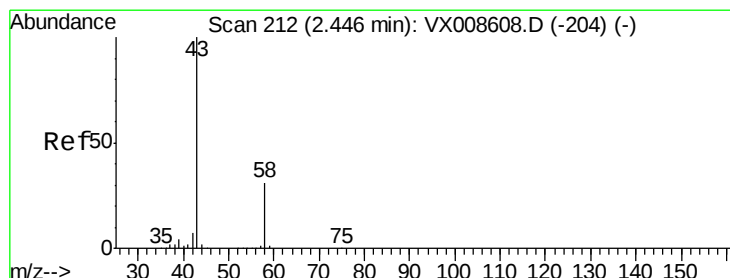
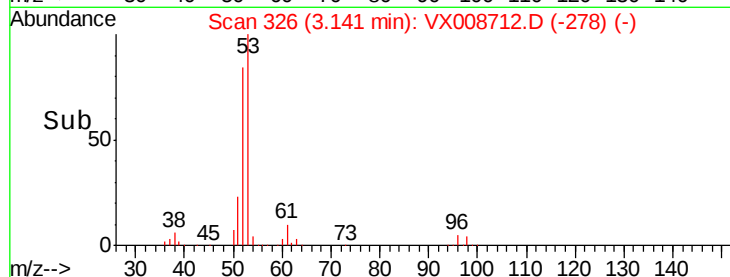
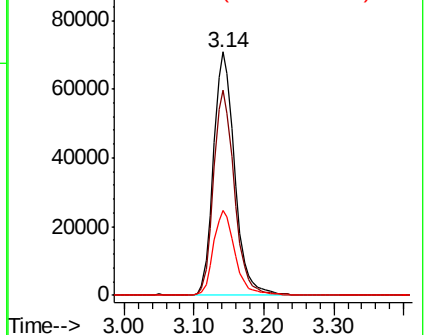
51 35.2 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 88.771 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008712.D

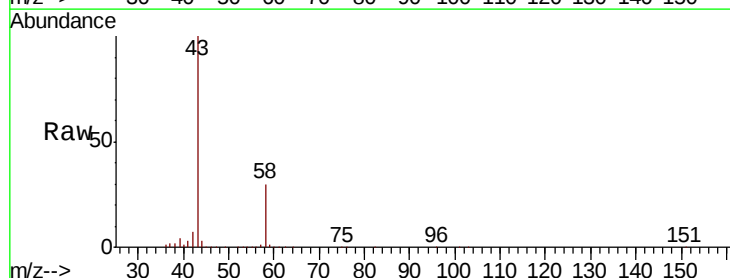
Acq: 06 Apr 2019 11:58

Tgt Ion: 43 Resp: 143563

Ion Ratio Lower Upper

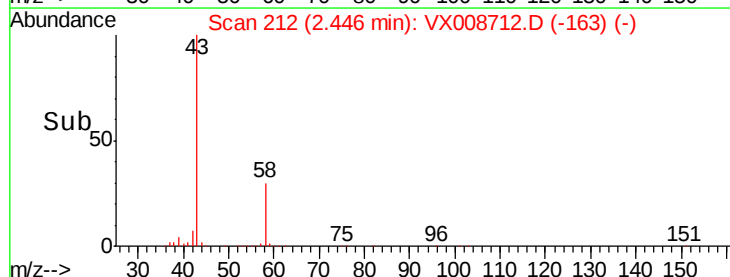
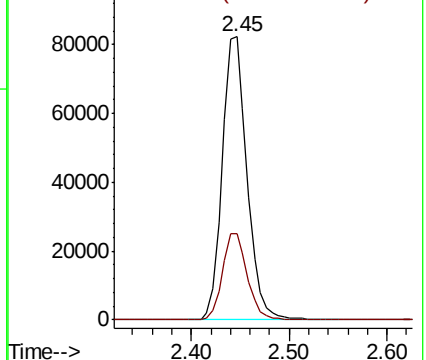
43 100

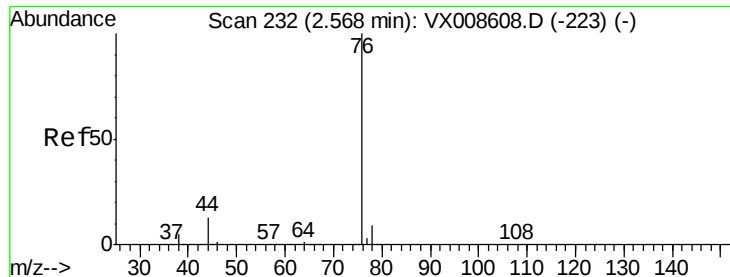
58 30.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.719 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

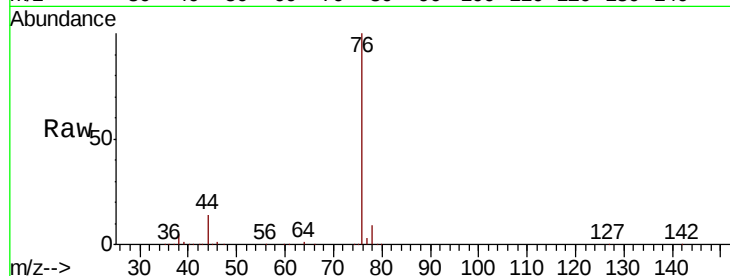
VX0406WBS01

Tot Ion: 76 Resp: 104285

Ion Ratio Lower Upper

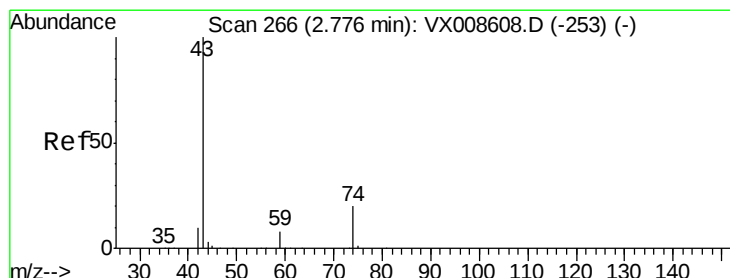
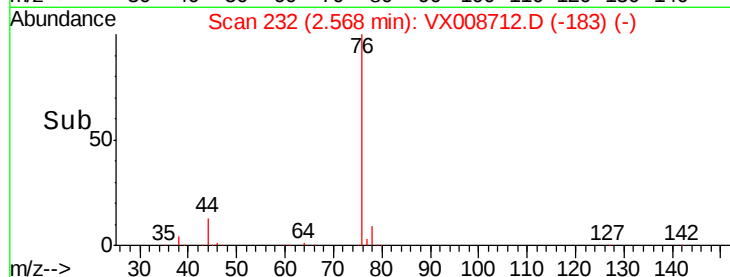
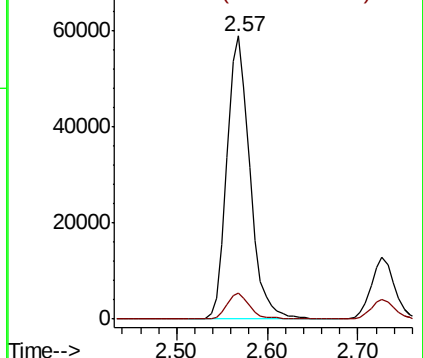
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.083 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008712.D

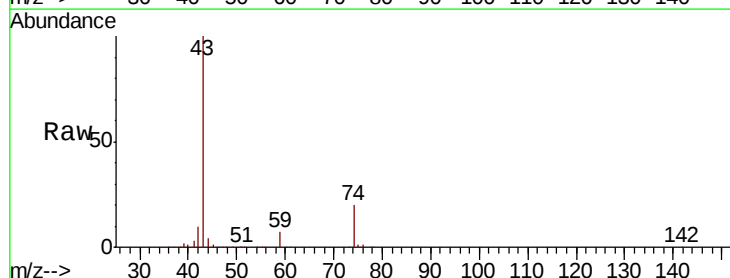
Acq: 06 Apr 2019 11:58

Tgt Ion: 43 Resp: 67004

Ion Ratio Lower Upper

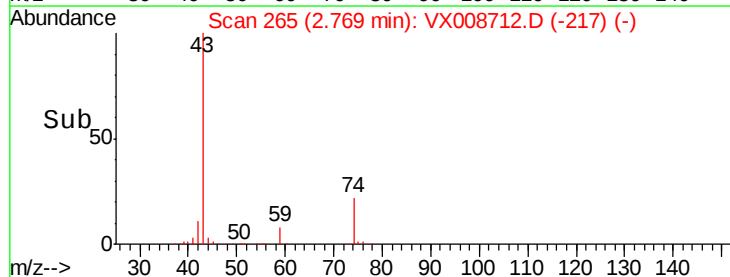
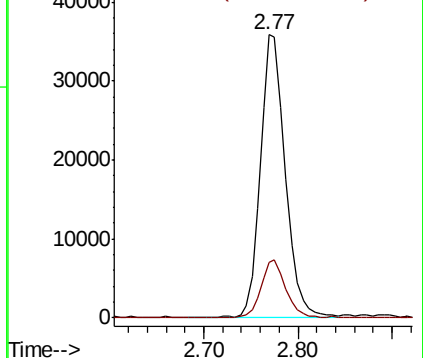
43 100

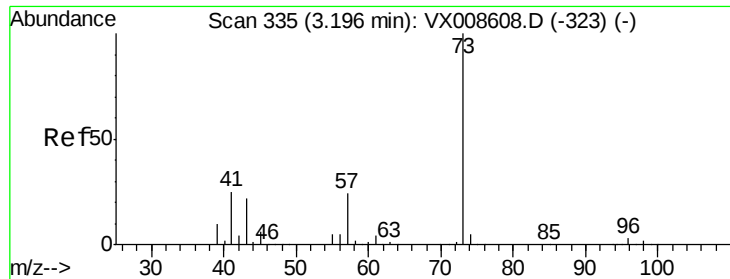
74 20.6 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



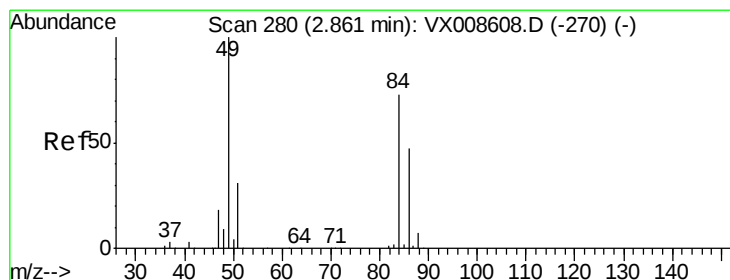
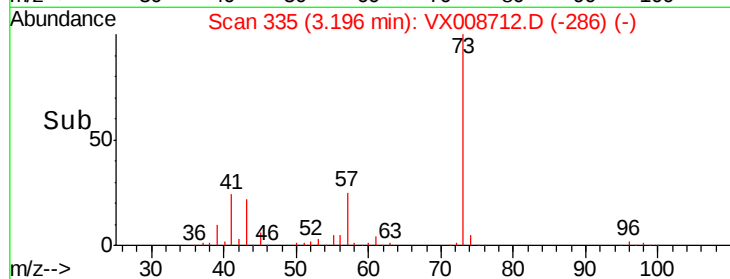
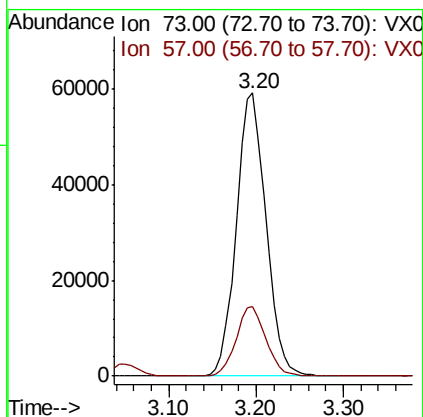
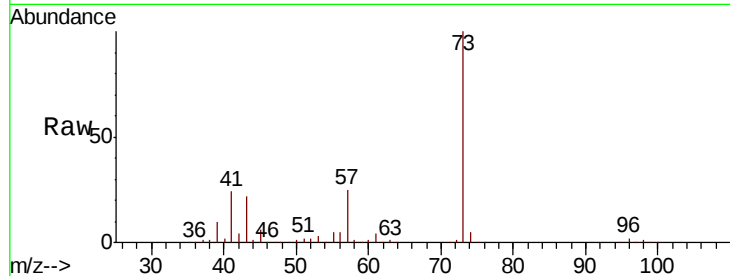


#19

Methyl tert-butyl Ether
 Concen: 17.533 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

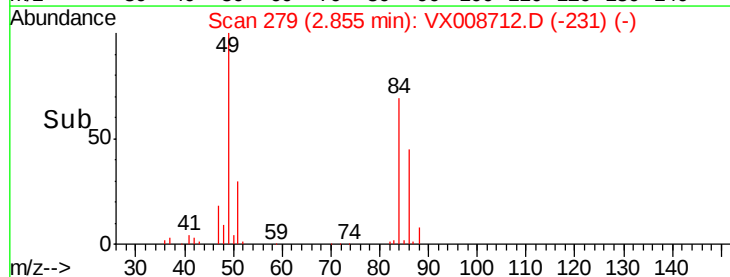
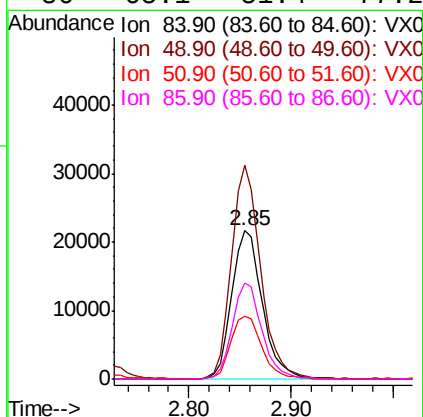
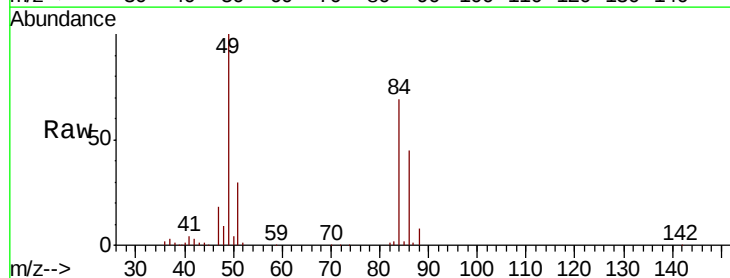
Tot Ion: 73 Resp: 139350
 Ion Ratio Lower Upper
 73 100
 57 24.6 19.5 29.3

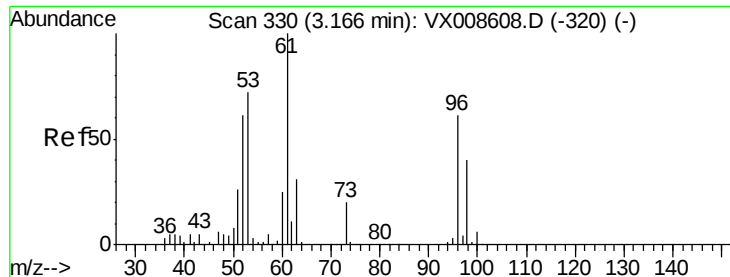


#20

Methylene Chloride
 Concen: 16.472 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Tgt Ion: 84 Resp: 44591
 Ion Ratio Lower Upper
 84 100
 49 143.9 109.7 164.5
 51 42.4 33.6 50.4
 86 65.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.202 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

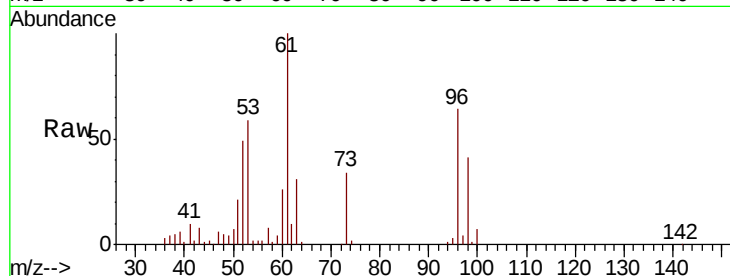
Tot Ion: 96 Resp: 39004

Ion Ratio Lower Upper

96 100

61 156.1 132.1 198.1

98 63.2 52.2 78.2

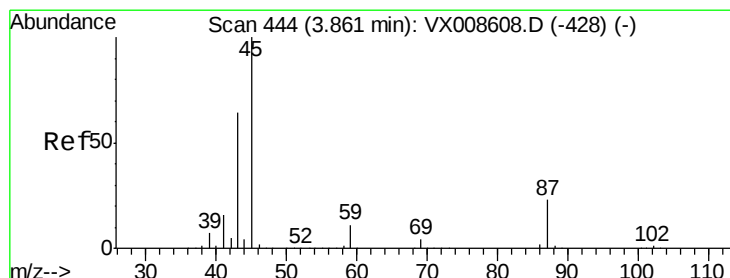
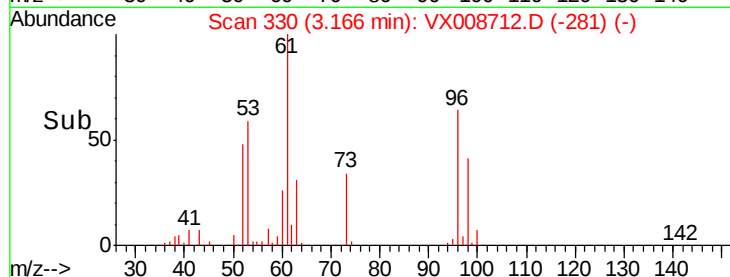
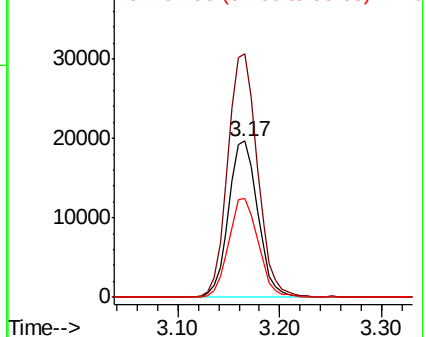


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.221 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Tgt Ion: 45 Resp: 169103

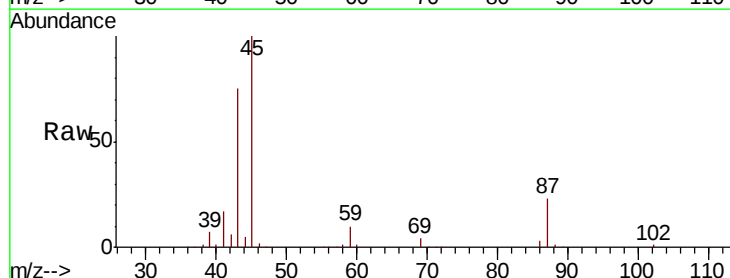
Ion Ratio Lower Upper

45 100

43 74.0 51.3 76.9

87 22.7 18.1 27.1

59 10.4 8.6 13.0



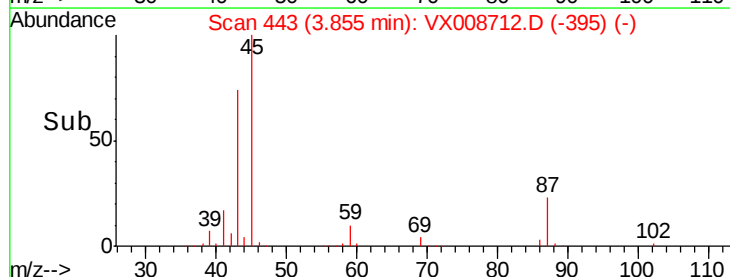
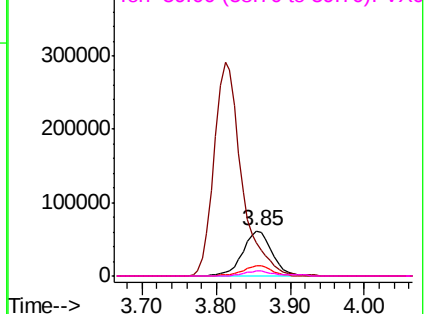
Abundance

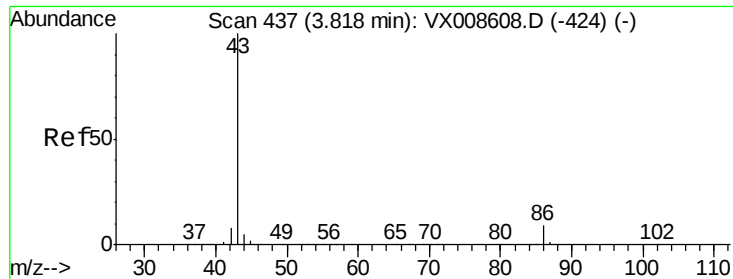
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 87.739 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

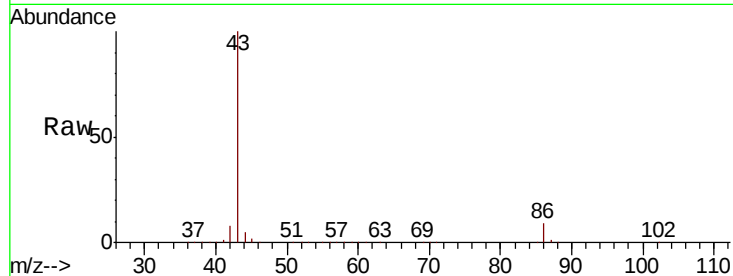
VX0406WBS01

Tot Ion: 43 Resp: 749525

Ion Ratio Lower Upper

43 100

86 8.6 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

300000

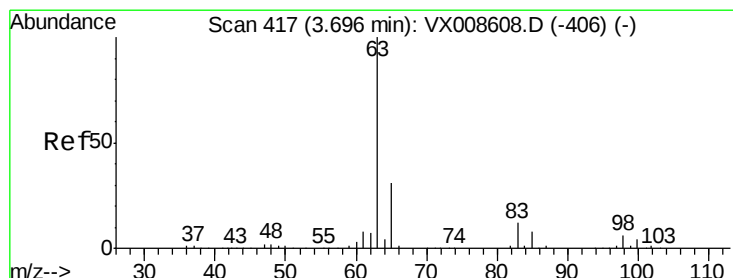
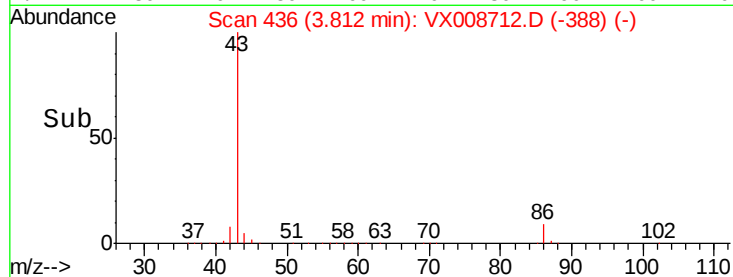
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 16.996 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

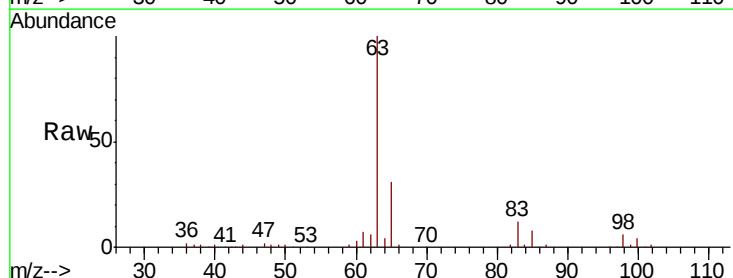
Tgt Ion: 63 Resp: 82632

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 4.4 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

30000

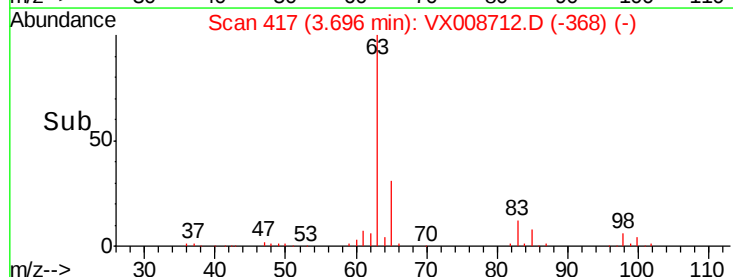
20000

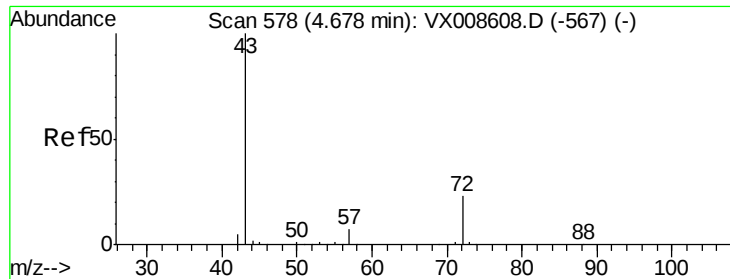
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 87.801 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

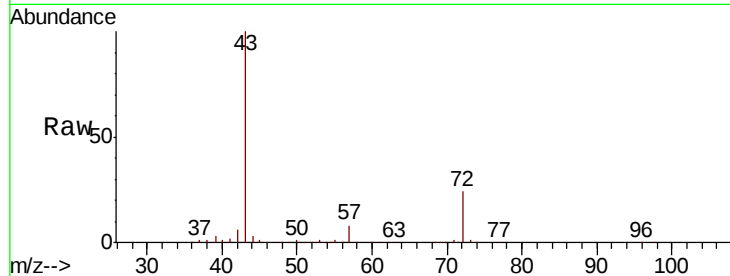
VX0406WBS01

Tot Ion: 43 Resp: 224428

Ion Ratio Lower Upper

43 100

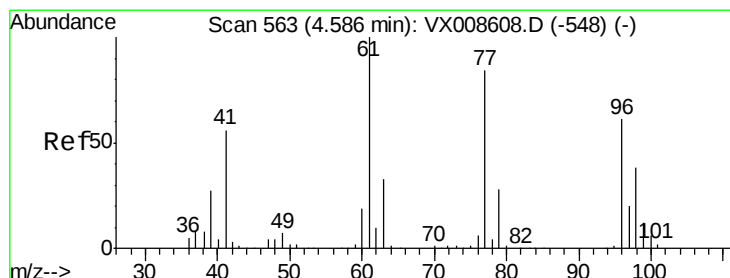
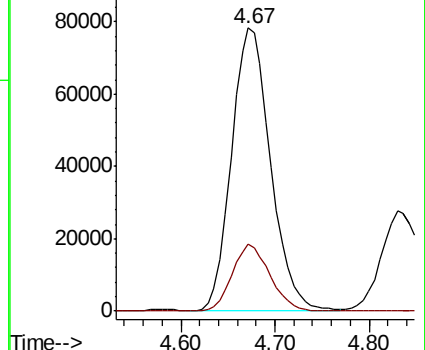
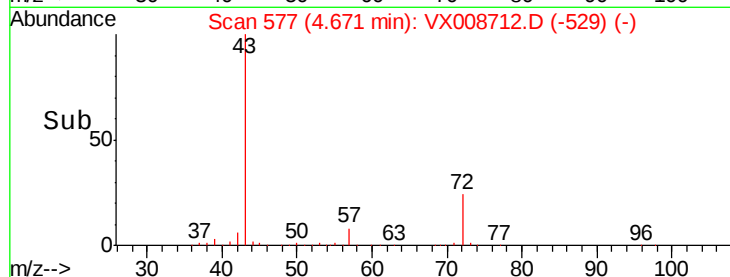
72 23.6 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Time-->



#26

2,2-Dichloropropane

Concen: 16.774 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008712.D

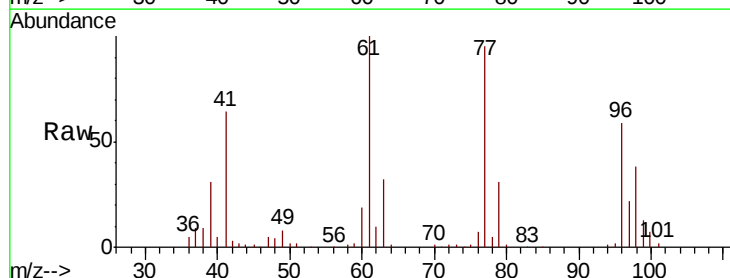
Acq: 06 Apr 2019 11:58

Tgt Ion: 77 Resp: 57440

Ion Ratio Lower Upper

77 100

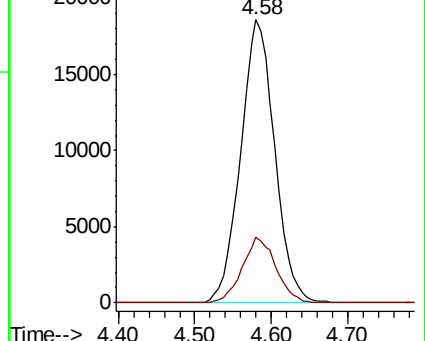
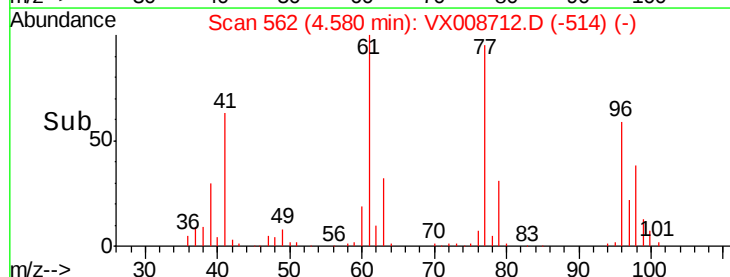
97 23.0 11.5 34.5

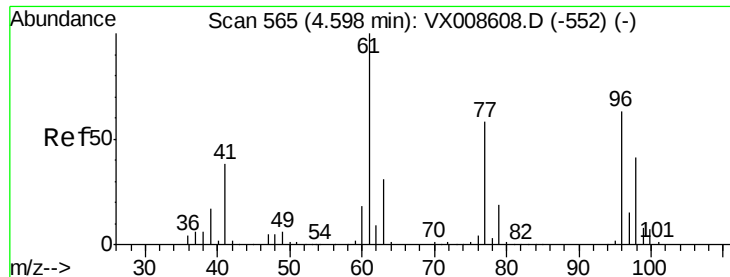


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

Time-->



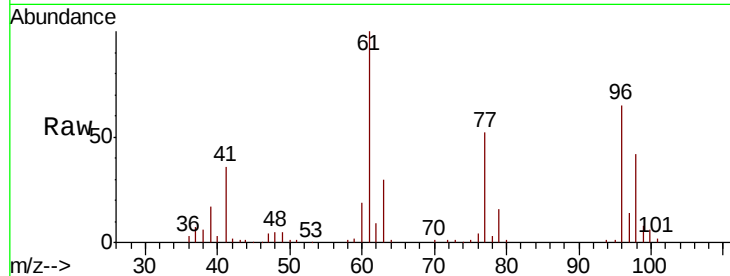


#27

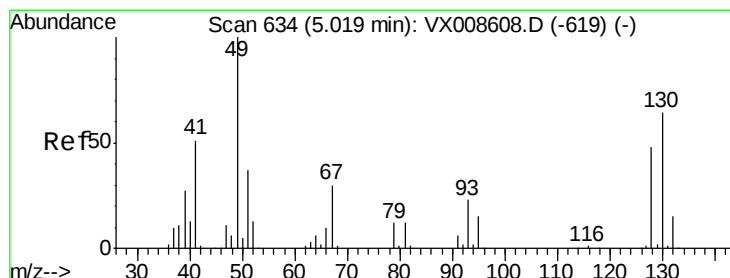
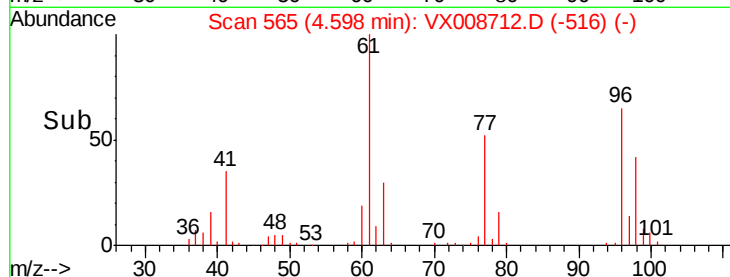
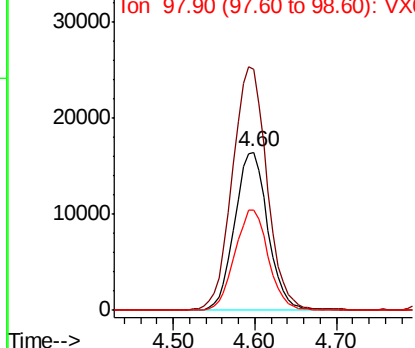
cis-1,2-Dichloroethene
Concen: 16.736 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion: 96 Resp: 46322
Ion Ratio Lower Upper
96 100
61 160.8 0.0 327.6
98 64.3 0.0 128.6



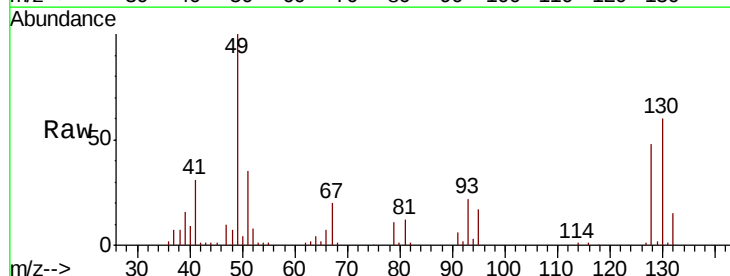
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



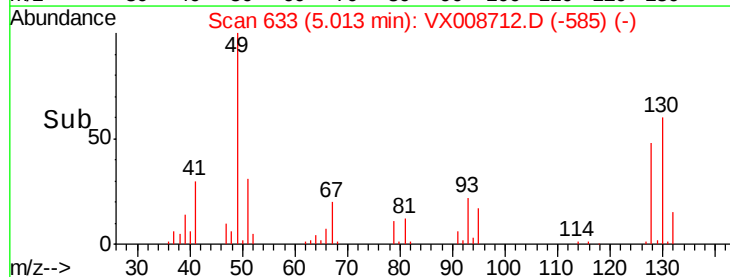
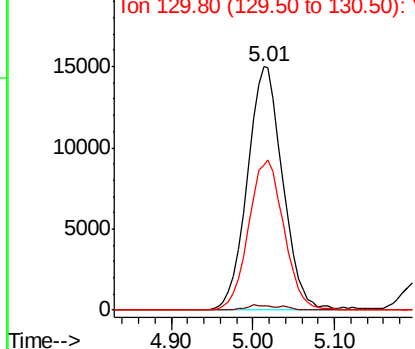
#28

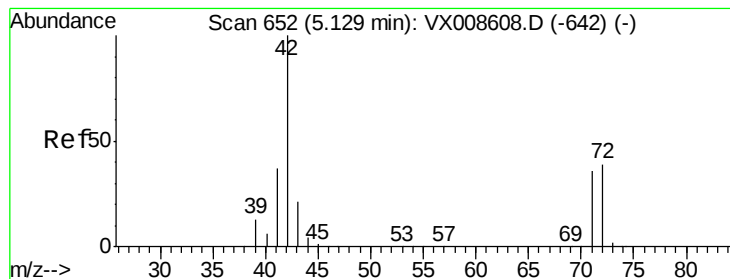
Bromochloromethane
Concen: 20.532 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Tgt Ion: 49 Resp: 45321
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 61.4 49.3 73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 85.622 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

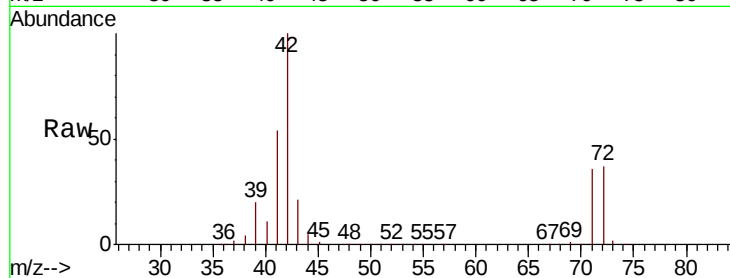
Tot Ion: 42 Resp: 145261

Ion Ratio Lower Upper

42 100

72 38.2 30.5 45.7

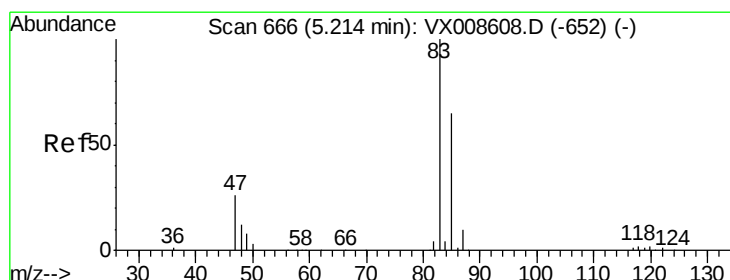
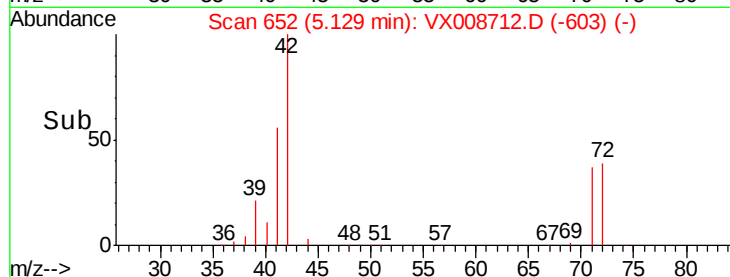
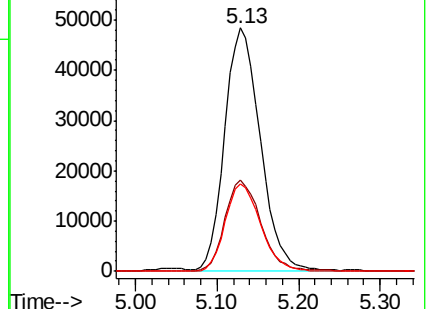
71 36.1 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.090 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008712.D

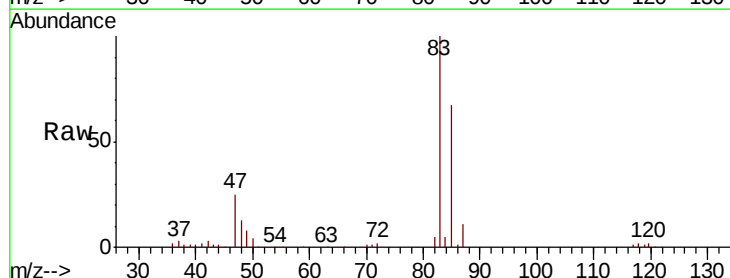
Acq: 06 Apr 2019 11:58

Tgt Ion: 83 Resp: 74214

Ion Ratio Lower Upper

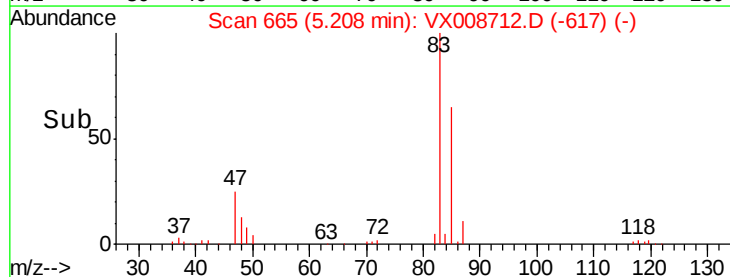
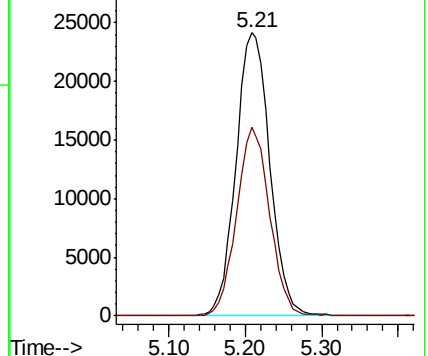
83 100

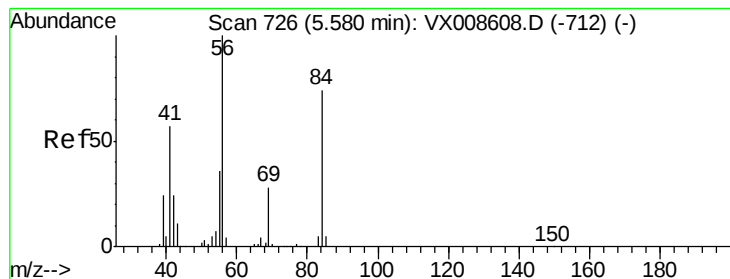
85 66.5 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 16.427 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

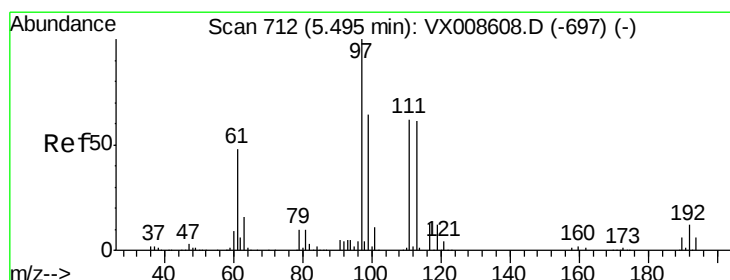
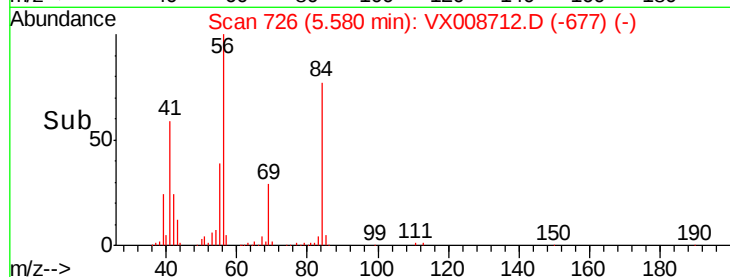
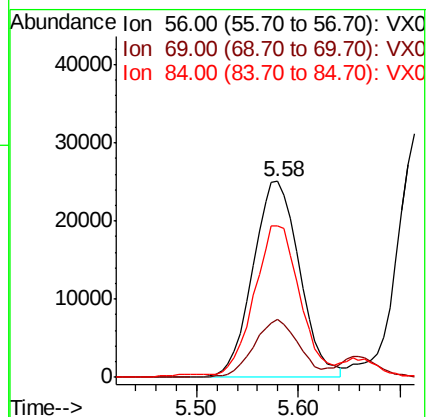
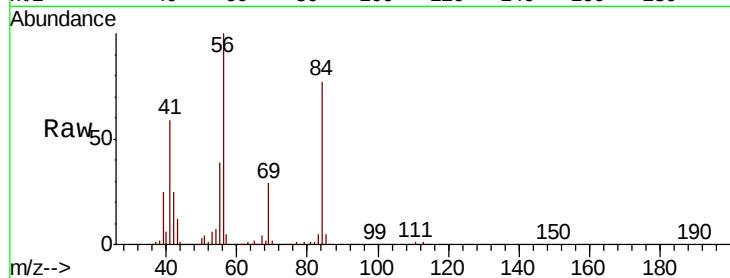
Tot Ion: 56 Resp: 79694

Ion Ratio Lower Upper

56 100

69 29.4 22.6 33.8

84 76.0 59.3 88.9



#32

1,1,1-Trichloroethane

Concen: 17.323 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

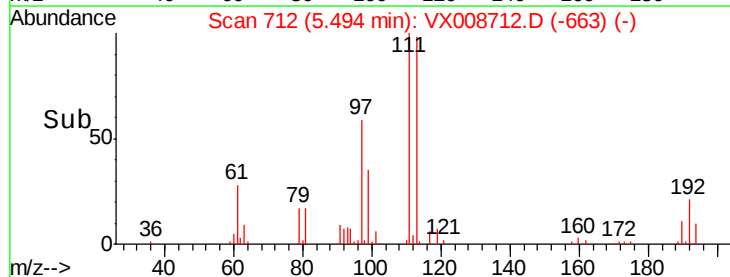
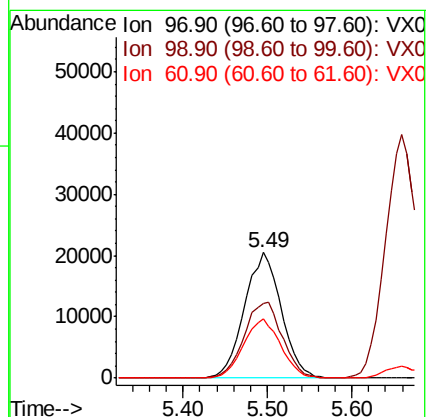
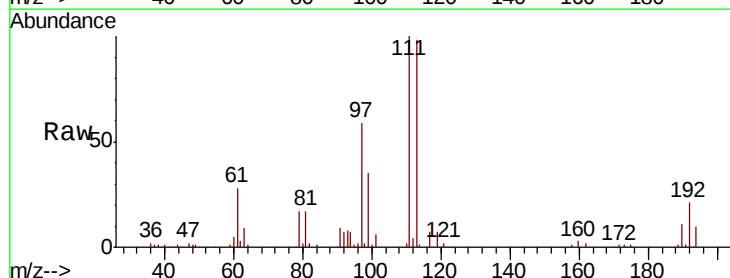
Tgt Ion: 97 Resp: 60788

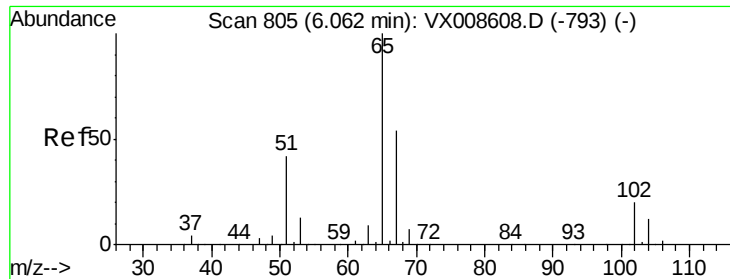
Ion Ratio Lower Upper

97 100

99 62.8 51.3 76.9

61 47.8 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 48.426 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

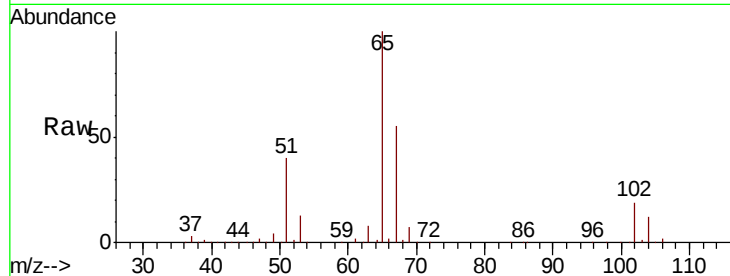
VX0406WBS01

Tot Ion: 65 Resp: 135974

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

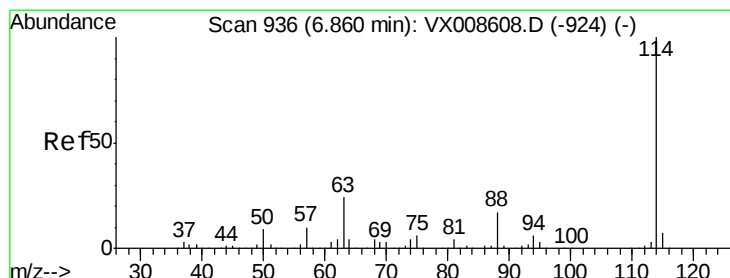
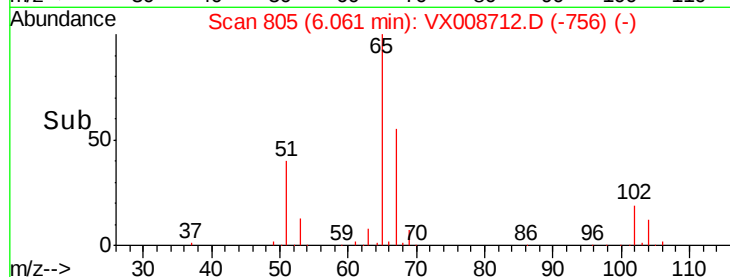
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

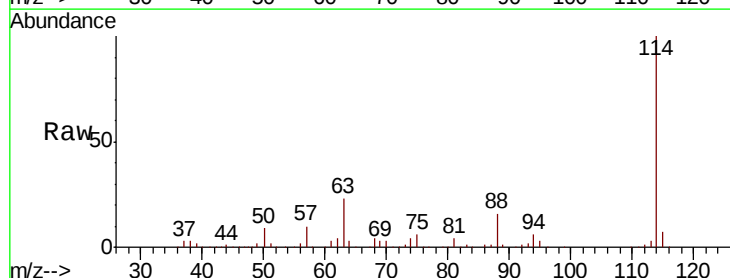
Tgt Ion:114 Resp: 316611

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.2

88 16.3 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

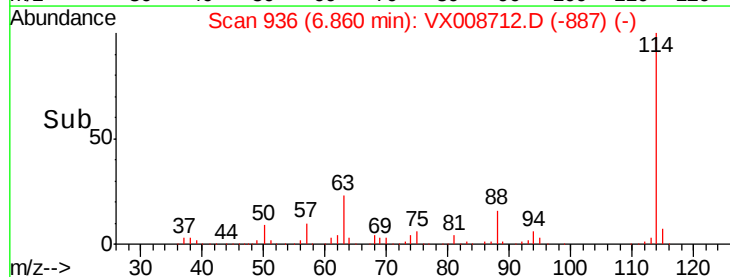
150000

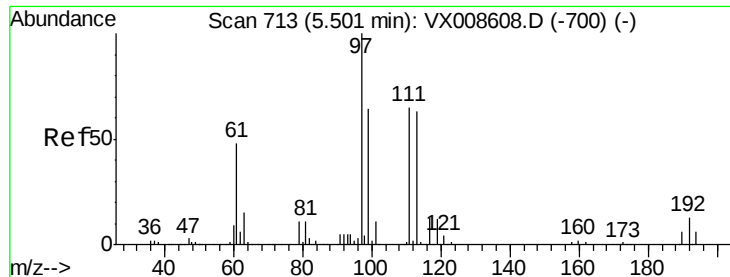
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

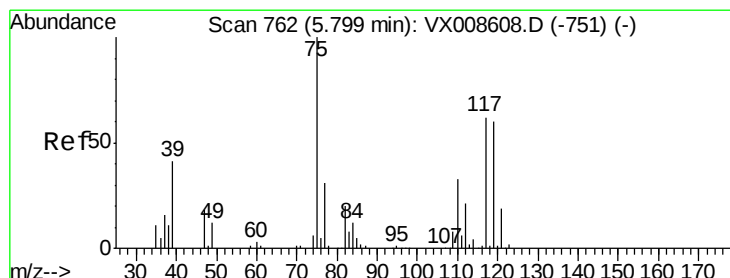
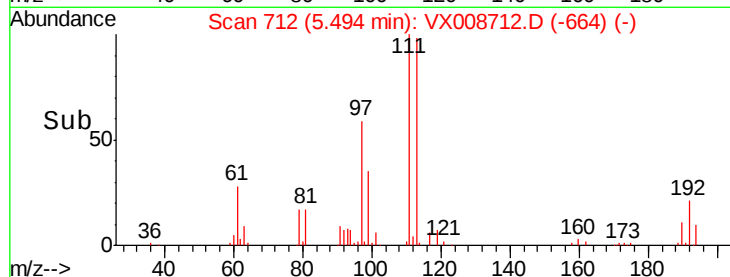
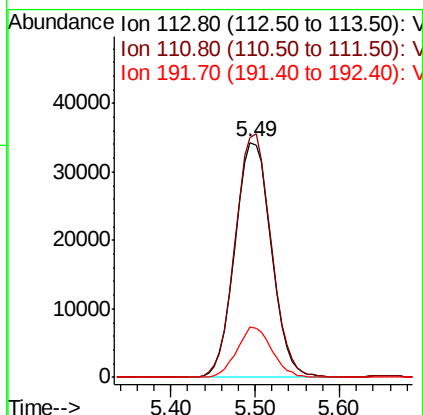
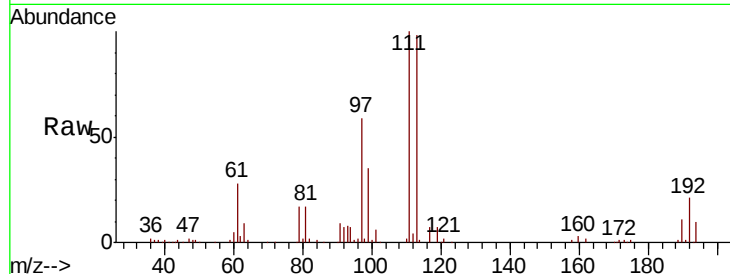




#35
 Dibromofluoromethane
 Concen: 49.611 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

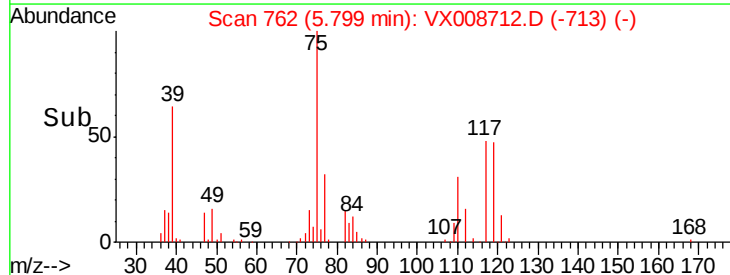
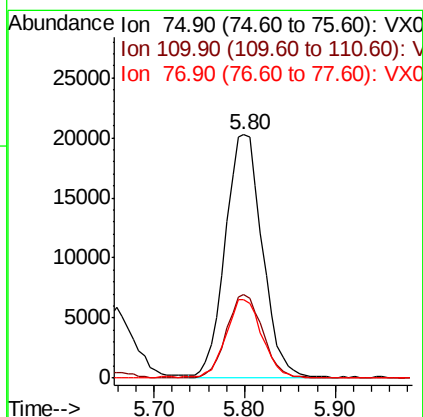
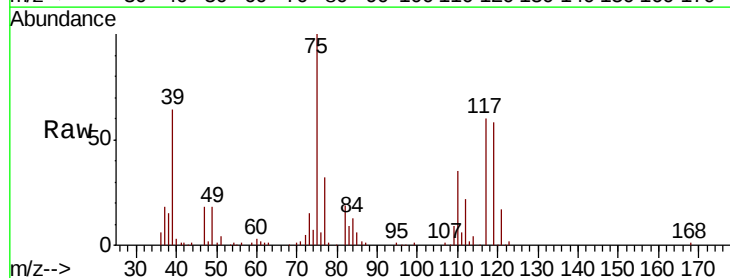
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

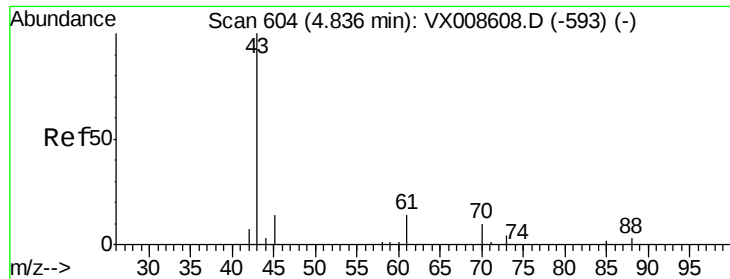
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	20.5	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 16.565 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.4	49.2
77	31.6	24.7	37.1

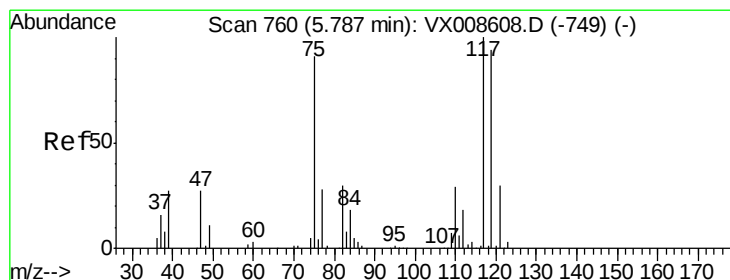
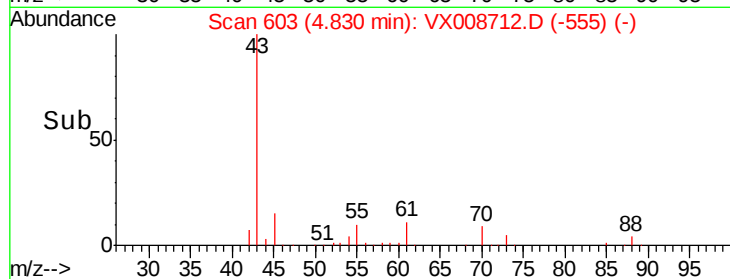
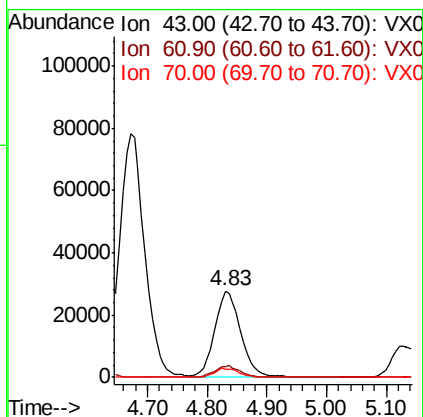
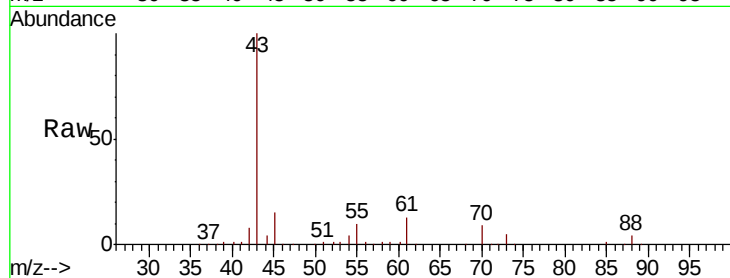




#37
Ethyl Acetate
Concen: 18.102 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

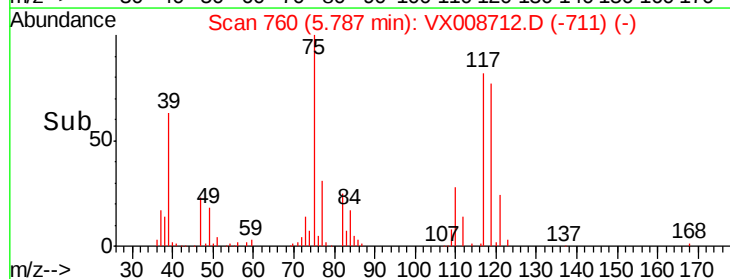
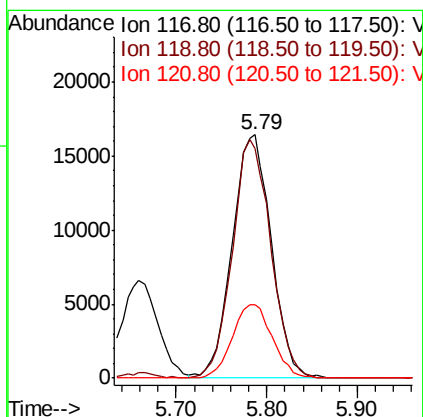
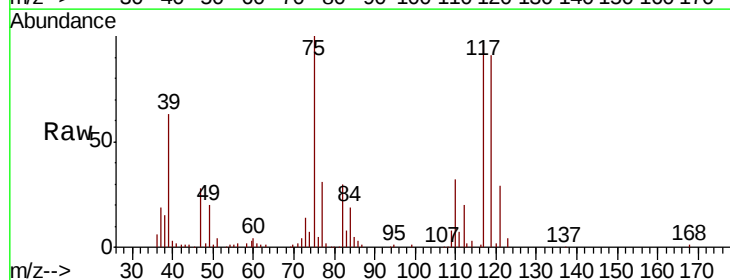
Instrument :
MSVOA_X
ClientSampled :
VX0406WBS01

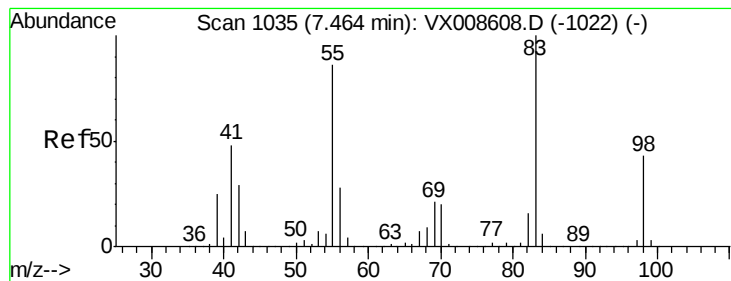
Tot Ion: 43 Resp: 83622
Ion Ratio Lower Upper
43 100
61 13.5 10.3 15.5
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 17.123 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Tgt Ion: 117 Resp: 49047
Ion Ratio Lower Upper
117 100
119 94.1 75.0 112.6
121 30.2 24.3 36.5





#39

Methvlcvclohexane

Concen: 16.621 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

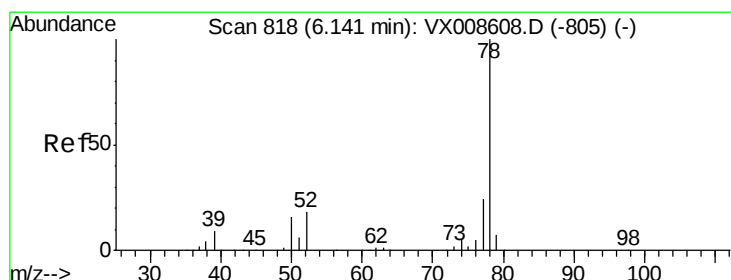
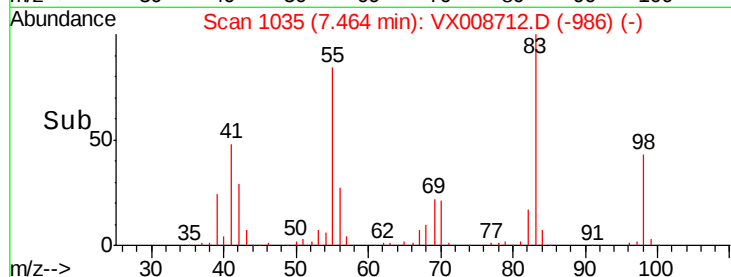
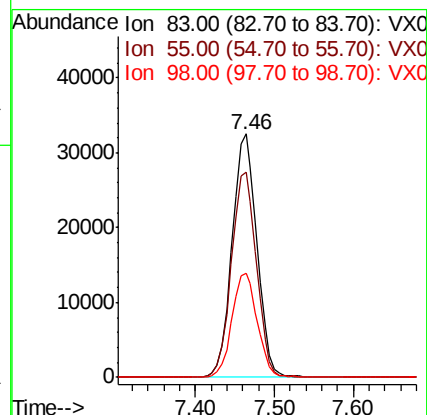
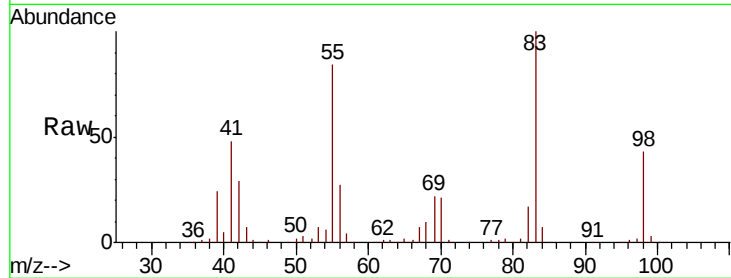
Tot Ion: 83 Resp: 71059

Ion Ratio Lower Upper

83 100

55 84.0 69.0 103.6

98 42.8 34.4 51.6



#40

Benzene

Concen: 17.135 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008712.D

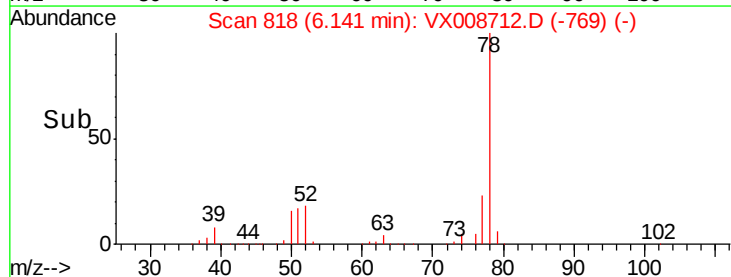
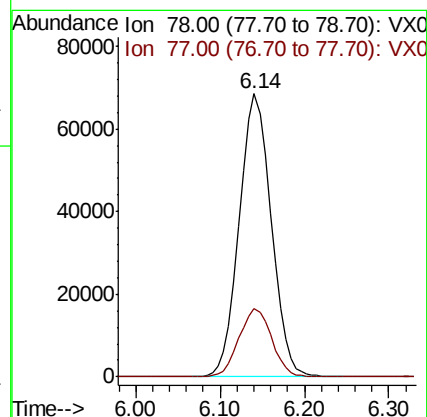
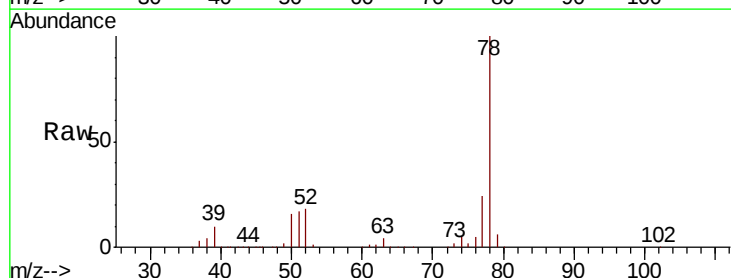
Acq: 06 Apr 2019 11:58

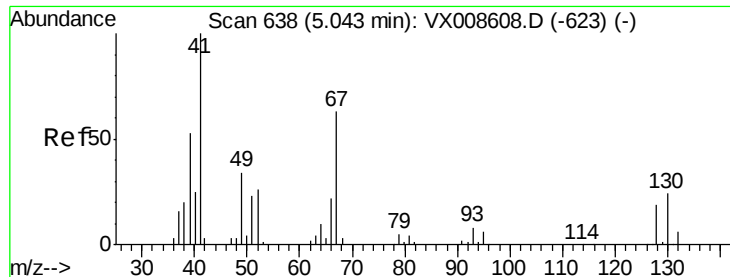
Tgt Ion: 78 Resp: 176673

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

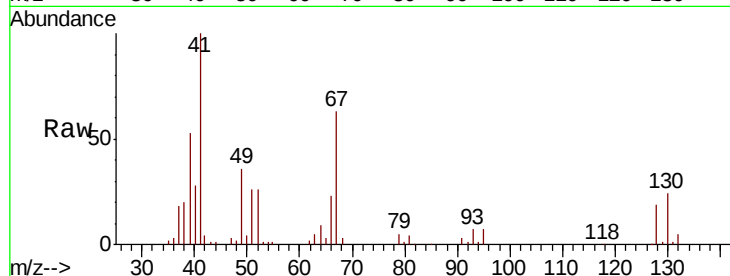




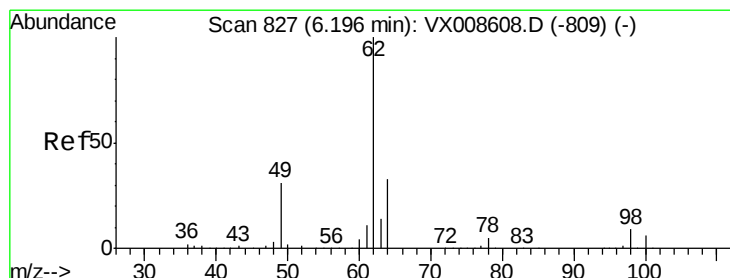
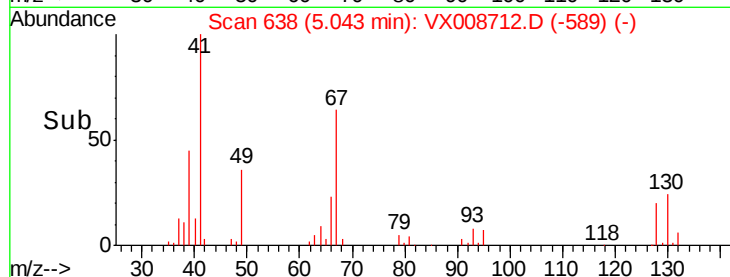
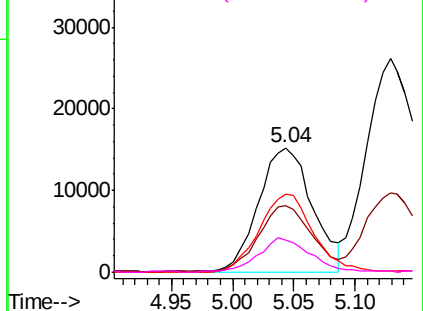
#41
Methacrylonitrile
Concen: 17.465 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion:	41	Resp:	46376
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.1	63.1
67	64.1	51.0	76.6
52	27.3	21.4	32.0

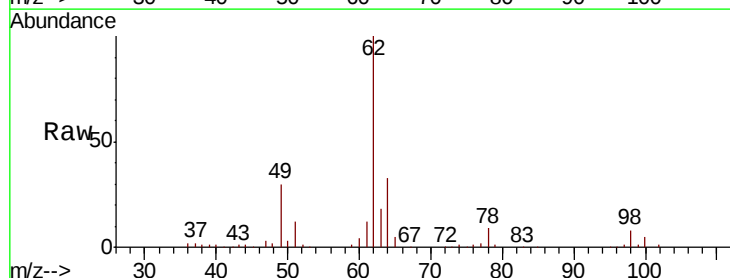


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

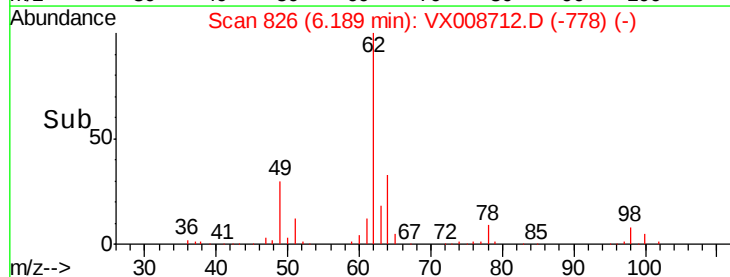
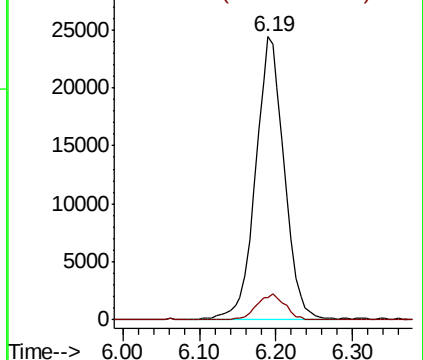


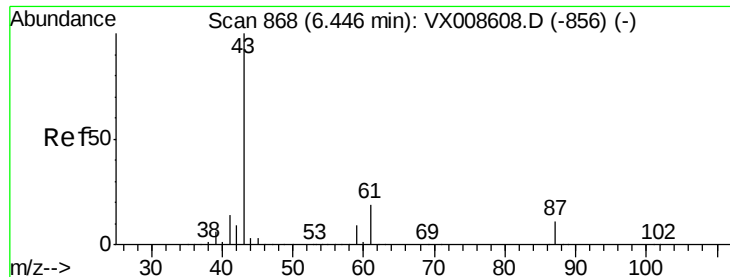
#42
1,2-Dichloroethane
Concen: 17.249 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Tgt Ion:	62	Resp:	63756
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.726 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

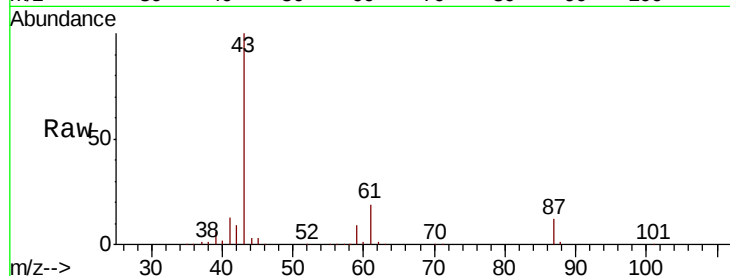
Tot Ion: 43 Resp: 128274

Ion Ratio Lower Upper

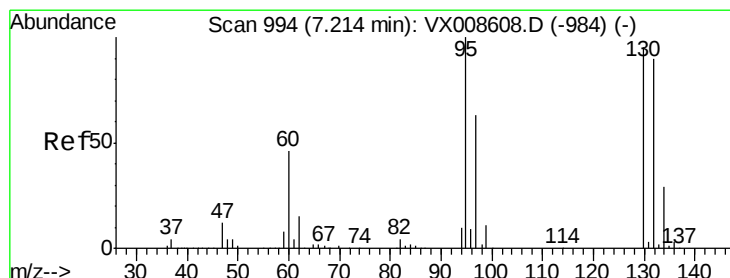
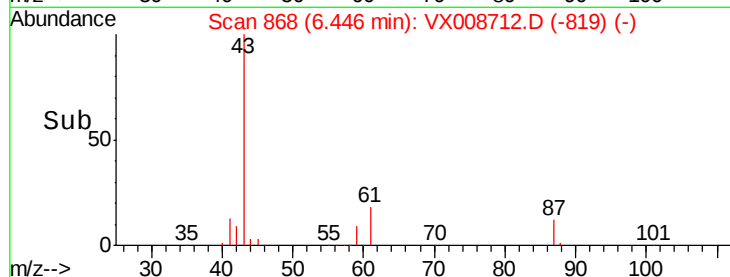
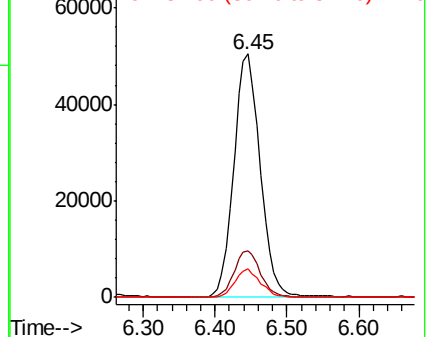
43 100

61 19.3 15.3 22.9

87 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.187 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008712.D

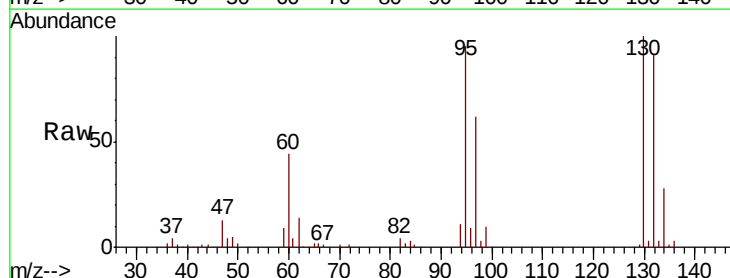
Acq: 06 Apr 2019 11:58

Tgt Ion:130 Resp: 41272

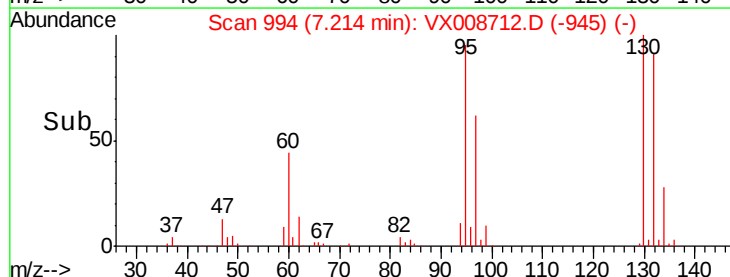
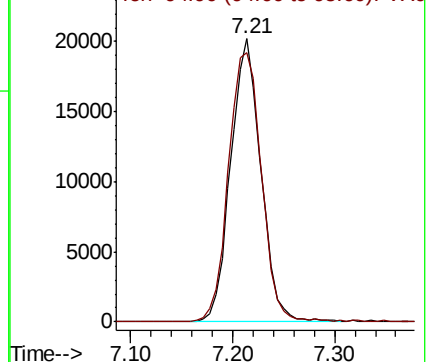
Ion Ratio Lower Upper

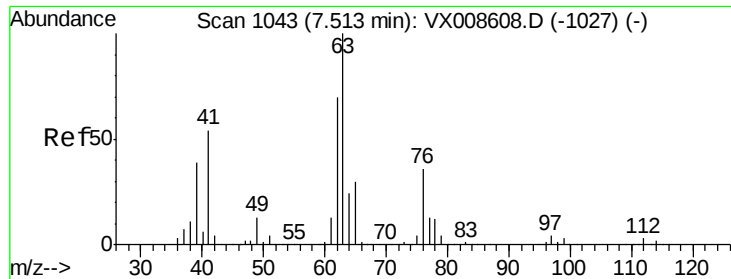
130 100

95 95.3 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.379 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

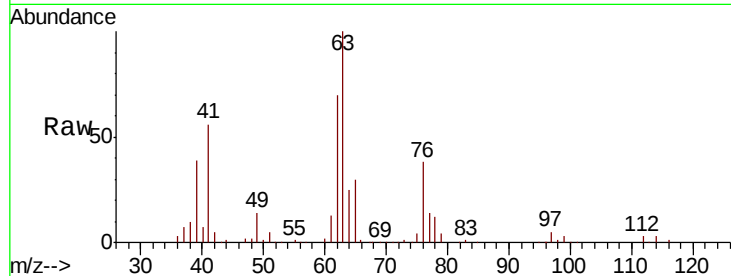
VX0406WBS01

Tot Ion: 63 Resp: 51142

Ion Ratio Lower Upper

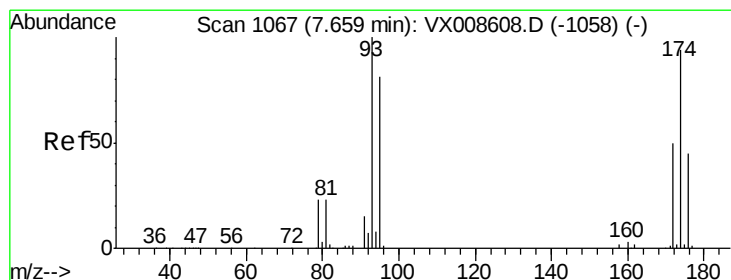
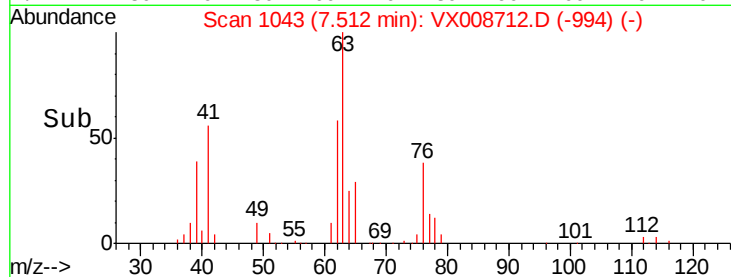
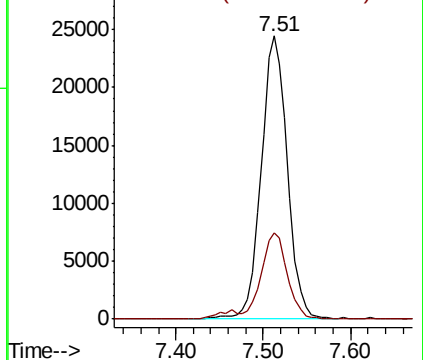
63 100

65 30.3 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.065 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

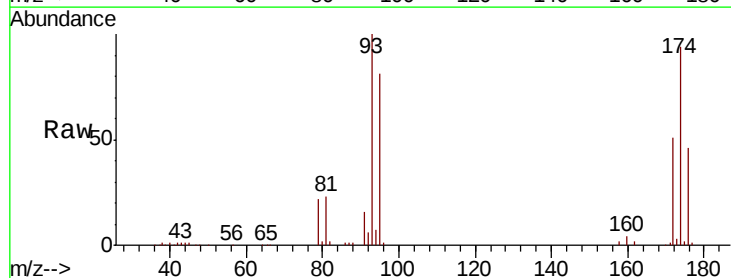
Tgt Ion: 93 Resp: 29127

Ion Ratio Lower Upper

93 100

95 82.3 66.6 99.8

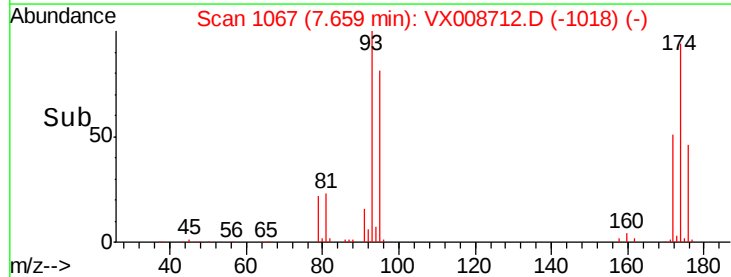
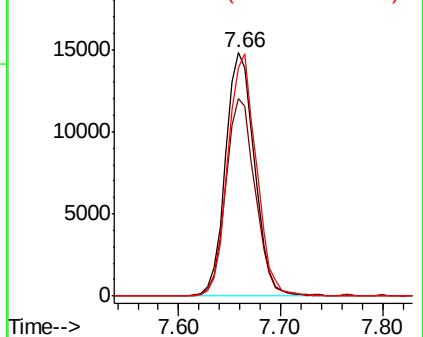
174 97.4 77.7 116.5

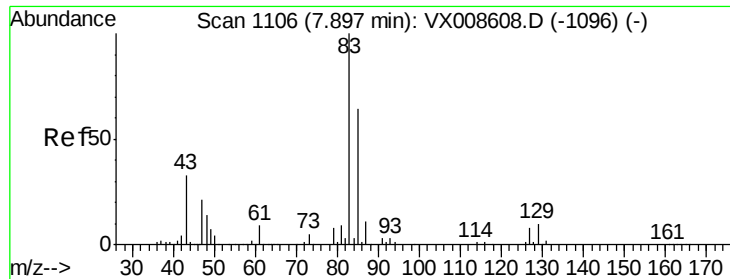


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.355 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

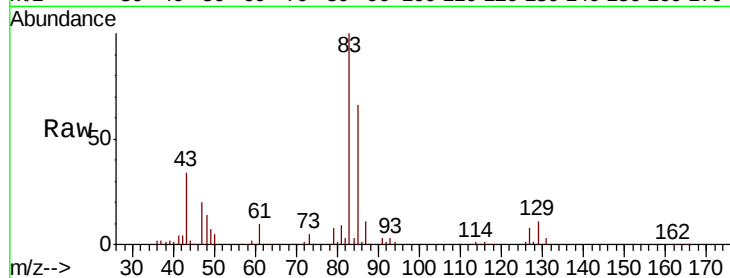
Tot Ion: 83 Resp: 55851

Ion Ratio Lower Upper

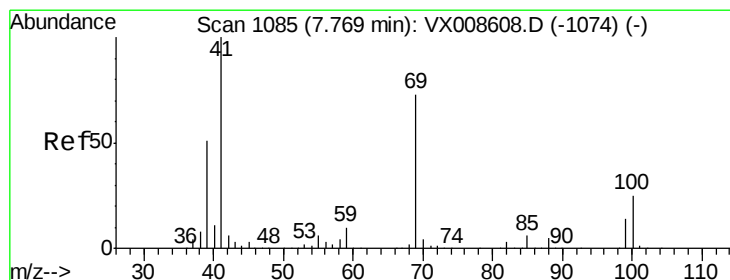
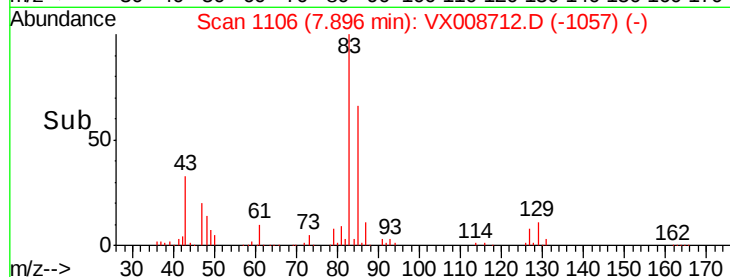
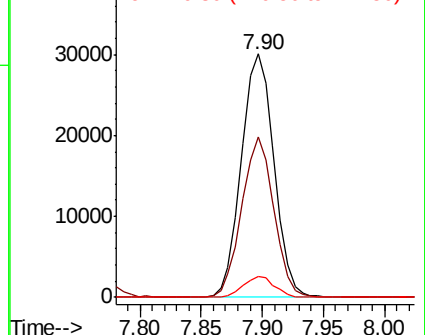
83 100

85 65.8 51.2 76.8

127 8.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.531 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

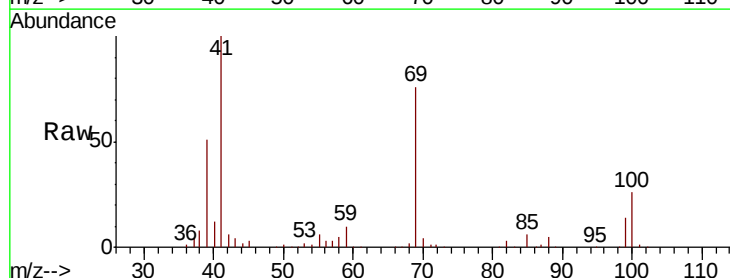
Tgt Ion: 41 Resp: 64173

Ion Ratio Lower Upper

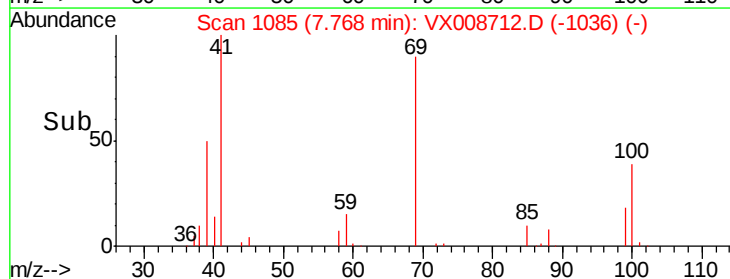
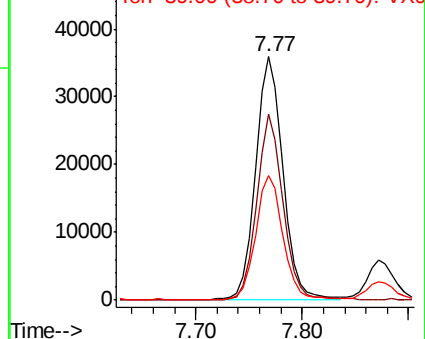
41 100

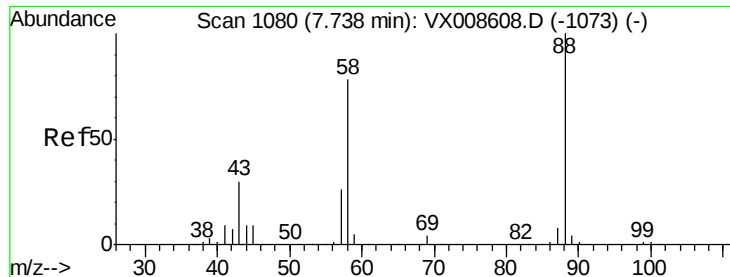
69 74.2 59.0 88.4

39 50.9 41.0 61.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

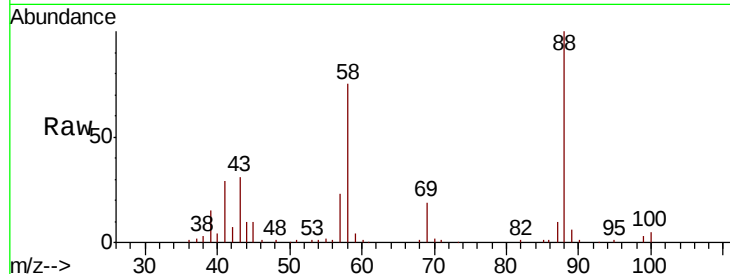




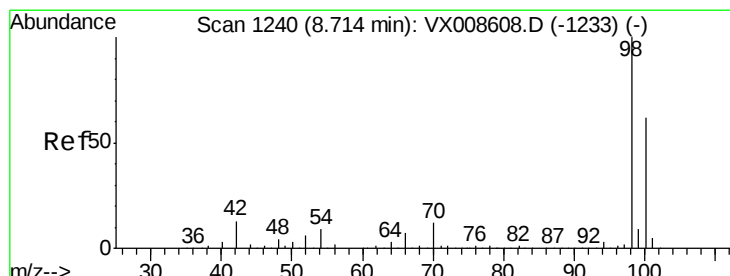
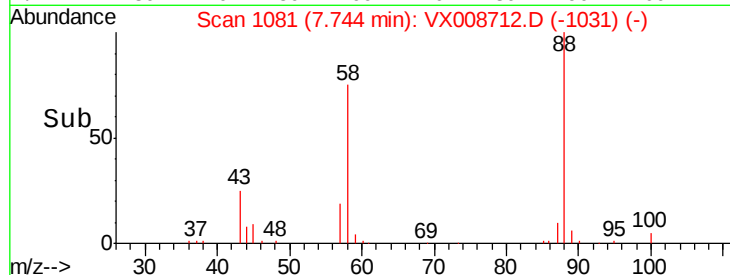
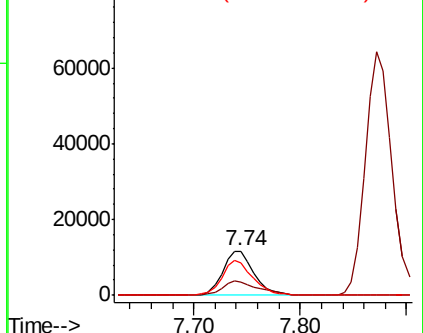
#49
1,4-Dioxane
Concen: 349.625 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion: 88 Resp: 23975
Ion Ratio Lower Upper
88 100
43 37.8 28.6 43.0
58 79.2 62.2 93.2

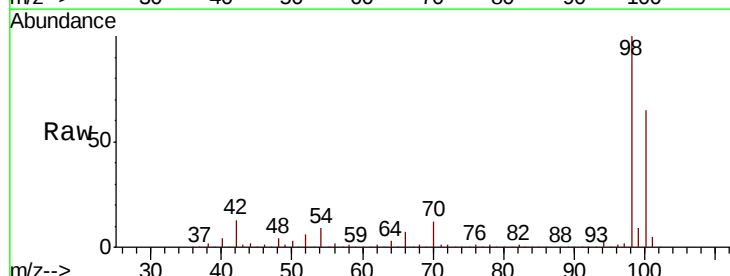


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

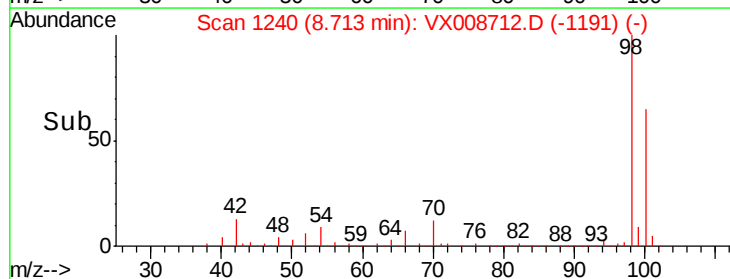
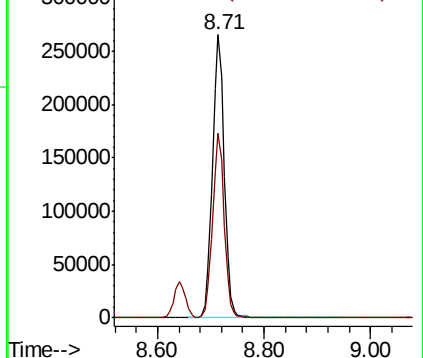


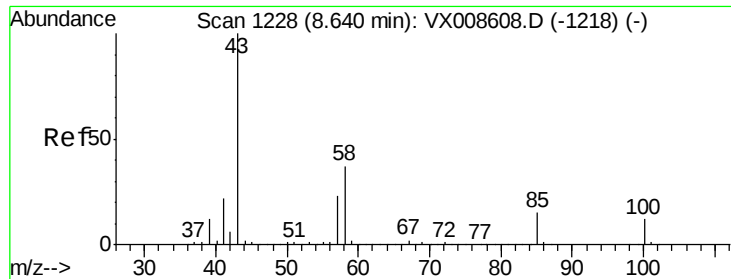
#50
Toluene-d8
Concen: 50.546 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Tgt Ion: 98 Resp: 407407
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 90.910 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

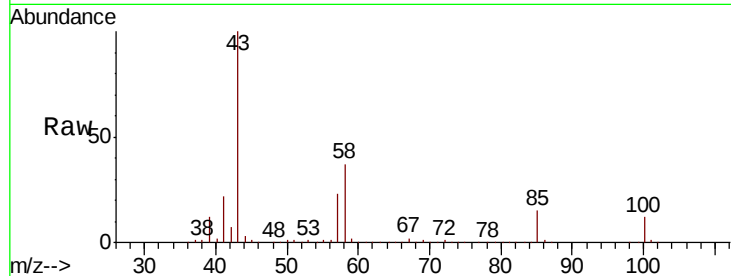
VX0406WBS01

Tot Ion: 43 Resp: 423496

Ion Ratio Lower Upper

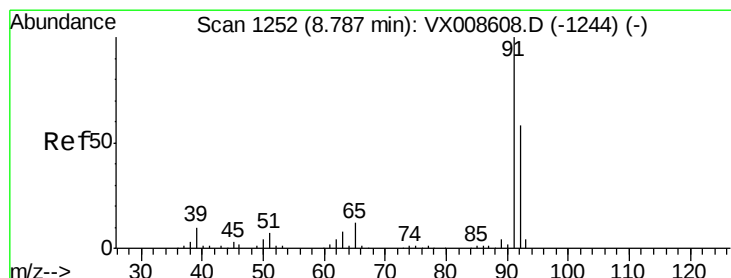
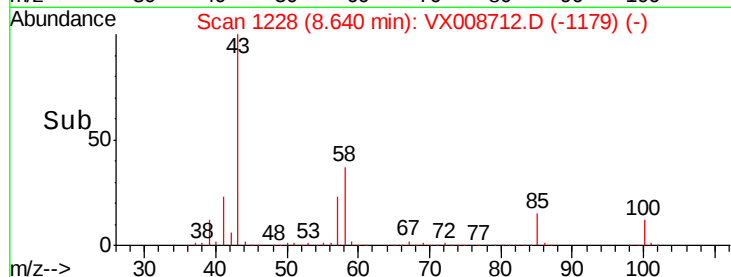
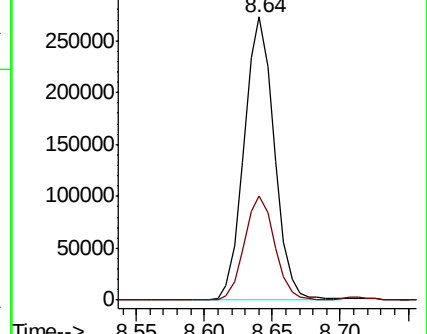
43 100

58 37.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.582 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008712.D

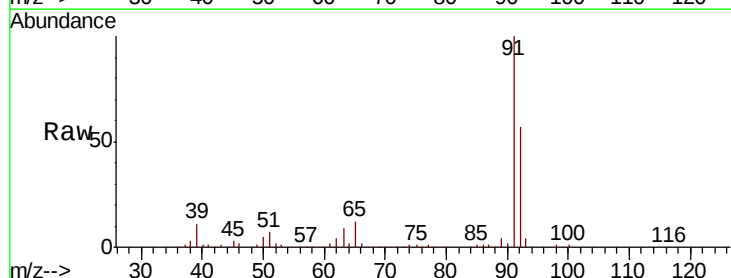
Acq: 06 Apr 2019 11:58

Tgt Ion: 92 Resp: 106873

Ion Ratio Lower Upper

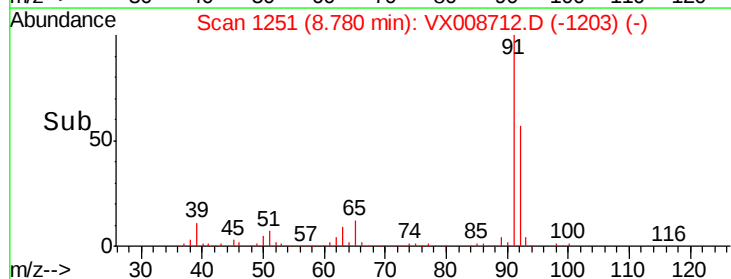
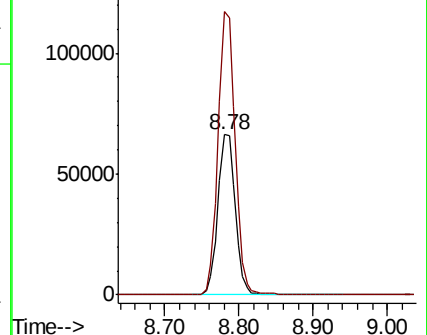
92 100

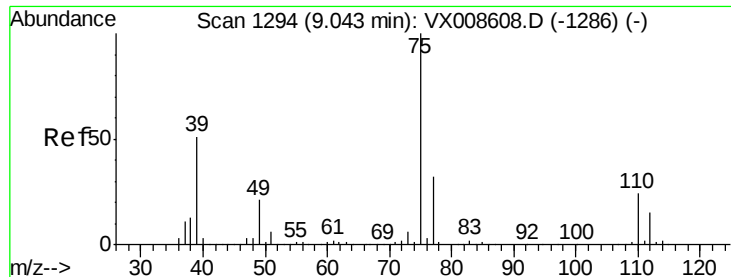
91 173.3 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

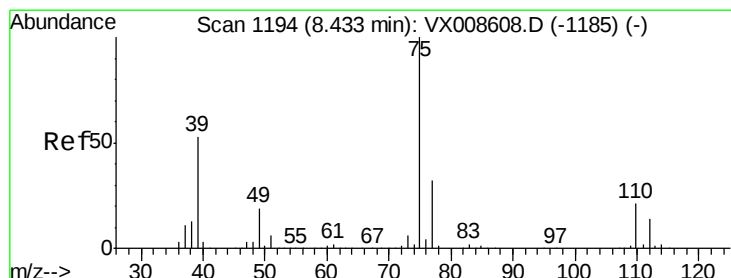
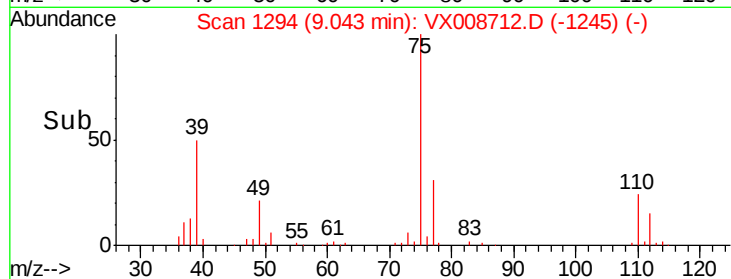
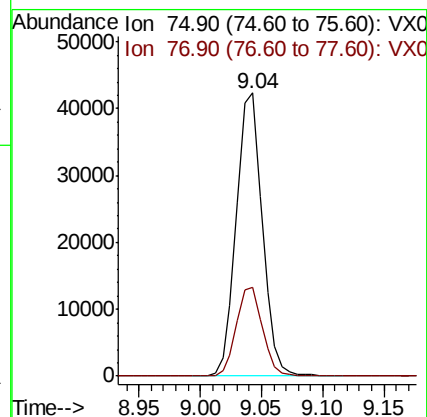
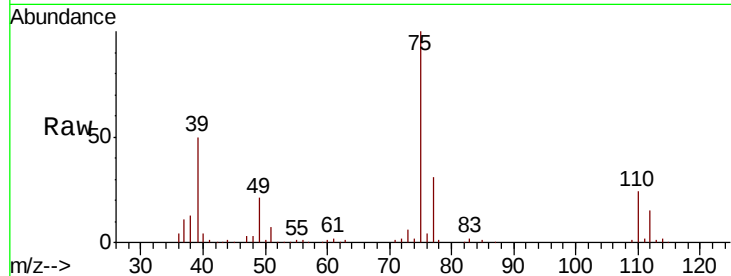




#53
 t-1,3-Dichloropropene
 Concen: 17.262 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

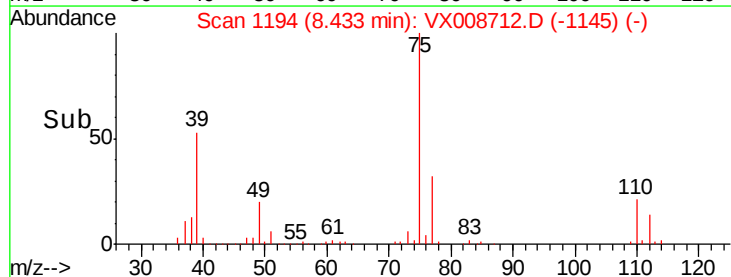
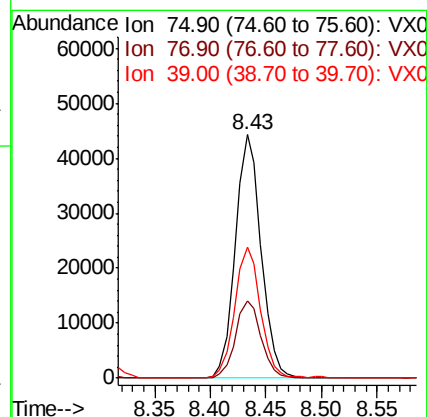
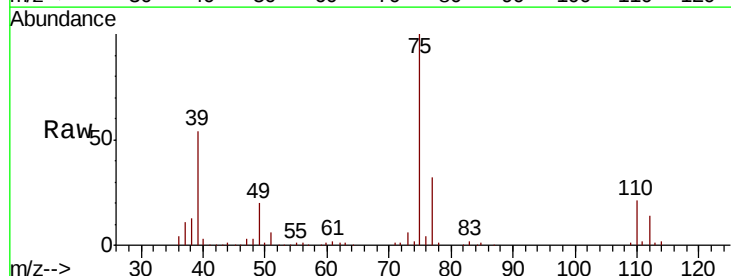
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

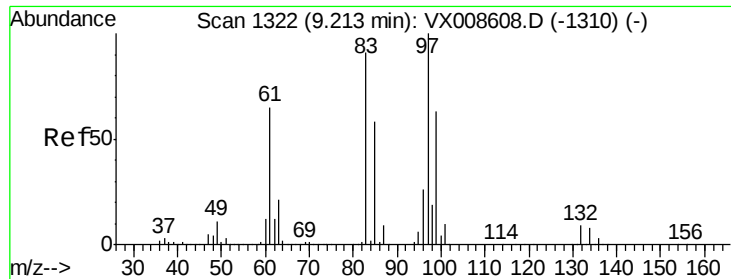
Tot Ion: 75 Resp: 62226
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.166 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Tgt Ion: 75 Resp: 70710
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 53.5 42.6 63.8

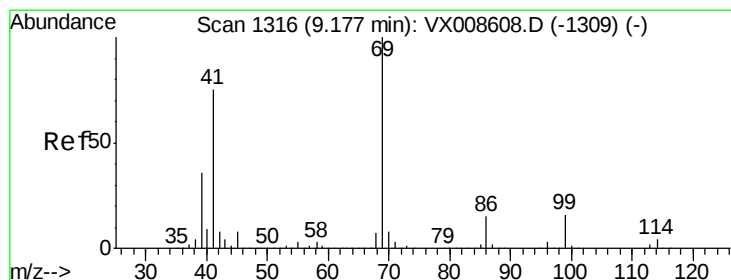
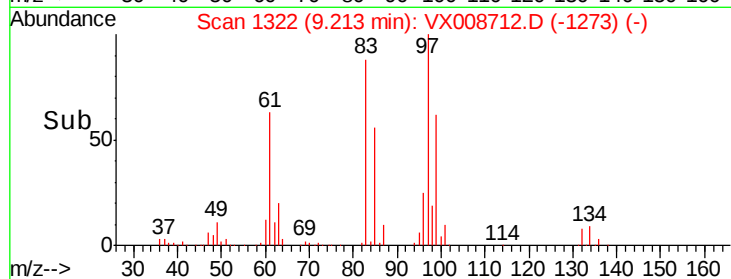
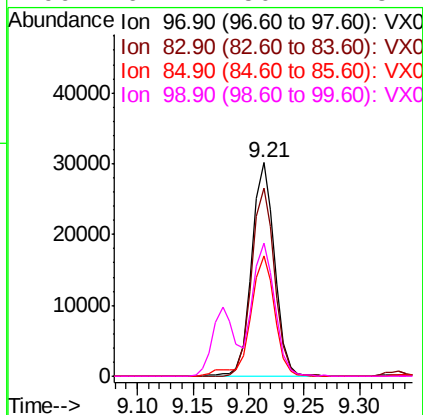
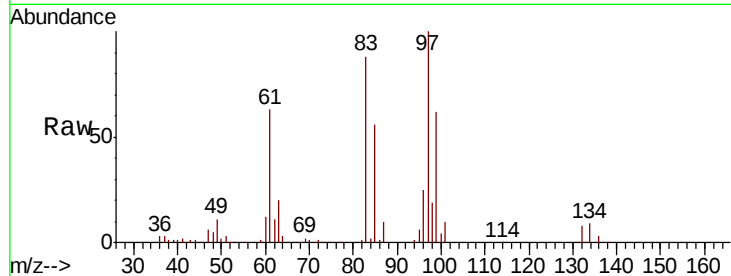




#55
 1,1,2-Trichloroethane
 Concen: 17.759 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

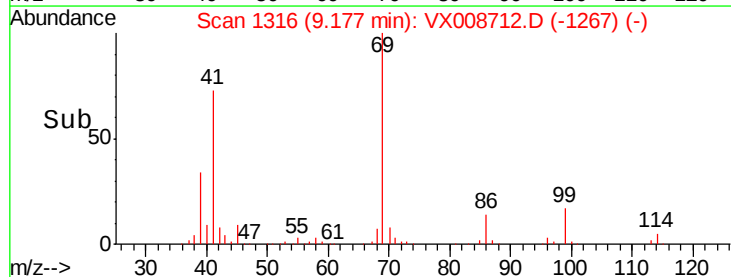
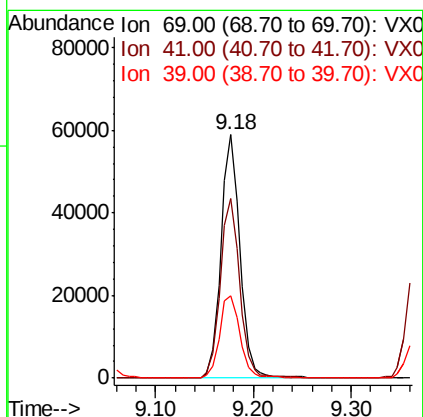
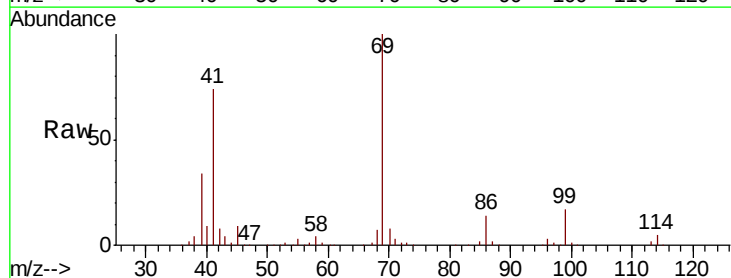
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

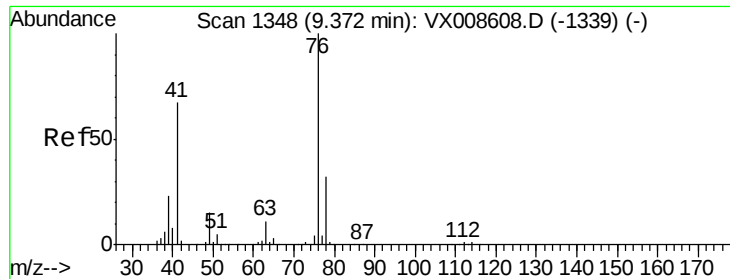
Tot Ion: 97 Resp: 43331
 Ion Ratio Lower Upper
 97 100
 83 88.0 73.2 109.8
 85 56.4 46.6 69.8
 99 62.4 50.1 75.1



#56
 Ethyl methacrylate
 Concen: 17.973 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Tgt Ion: 69 Resp: 79345
 Ion Ratio Lower Upper
 69 100
 41 75.3 60.1 90.1
 39 36.1 28.9 43.3





#57

1,3-Dichloropropane

Concen: 17.459 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

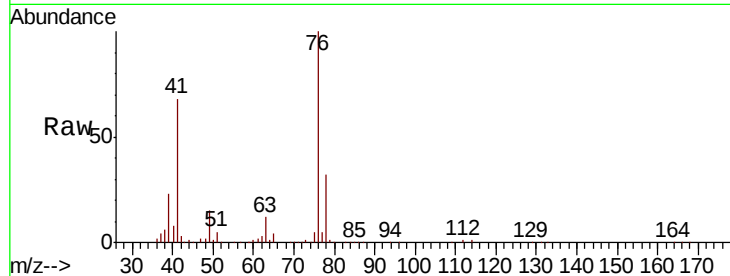
VX0406WBS01

Tot Ion: 76 Resp: 76493

Ion Ratio Lower Upper

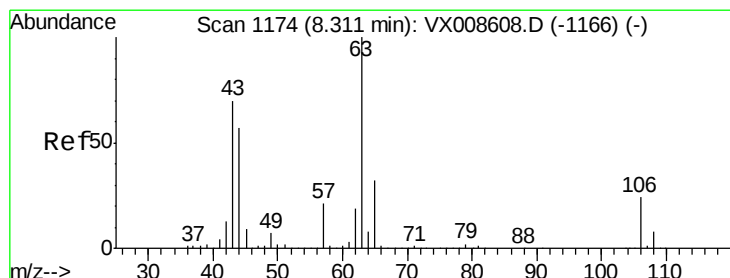
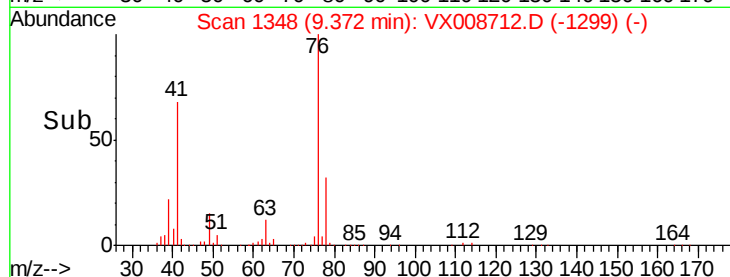
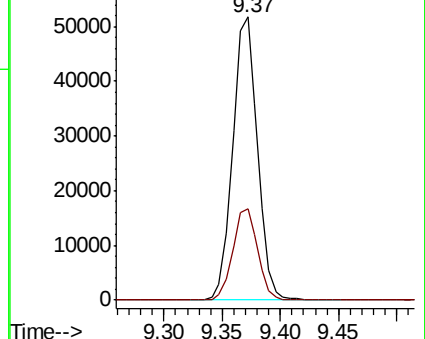
76 100

78 32.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 91.749 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008712.D

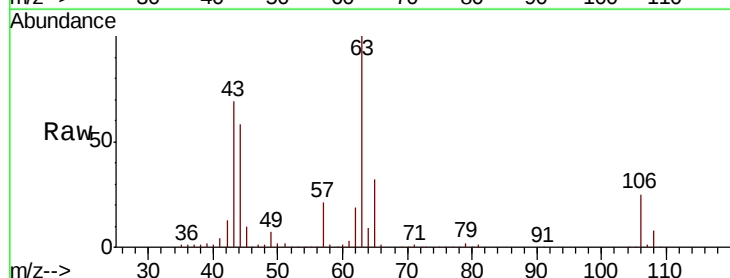
Acq: 06 Apr 2019 11:58

Tgt Ion: 63 Resp: 206821

Ion Ratio Lower Upper

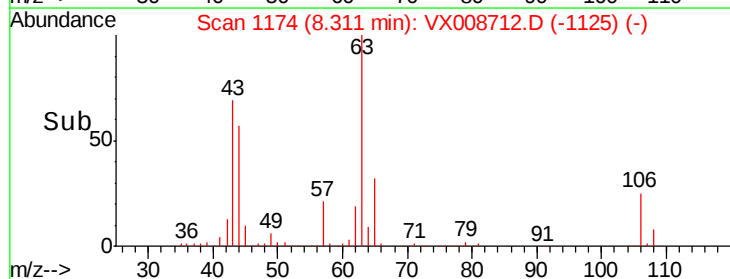
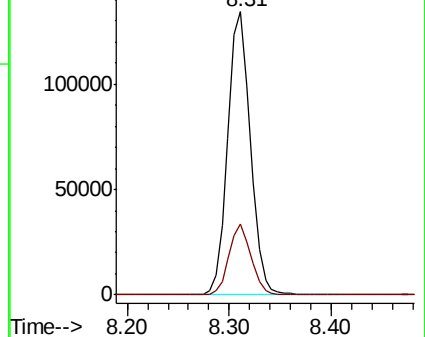
63 100

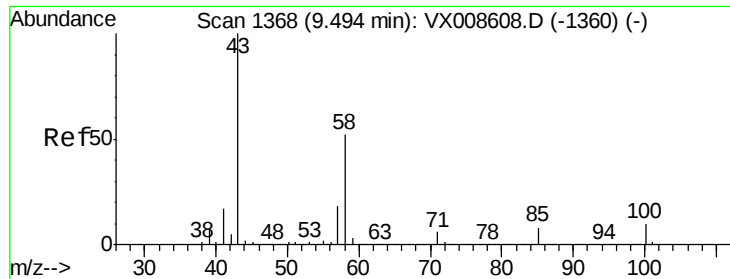
106 24.4 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

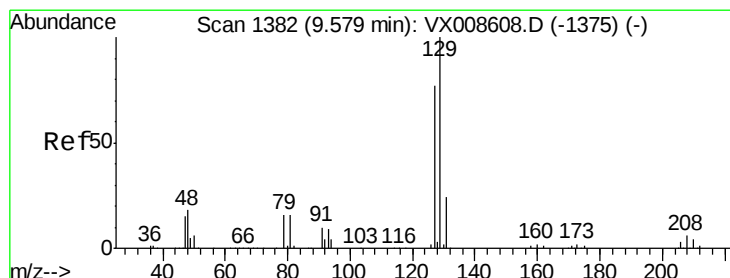
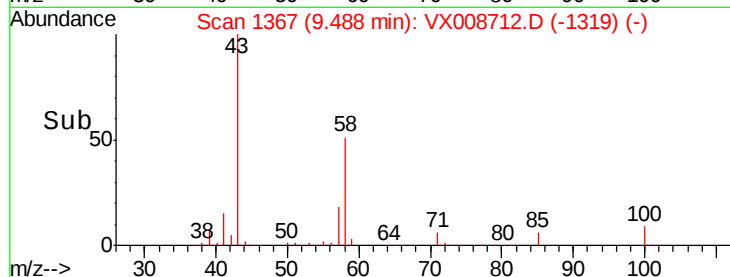
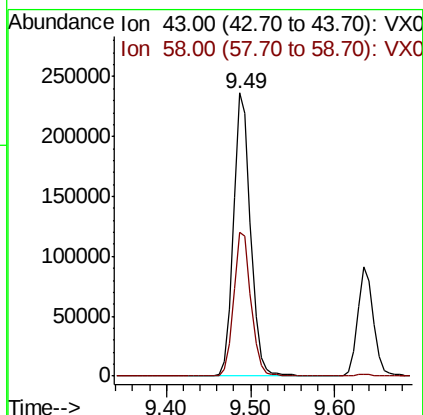
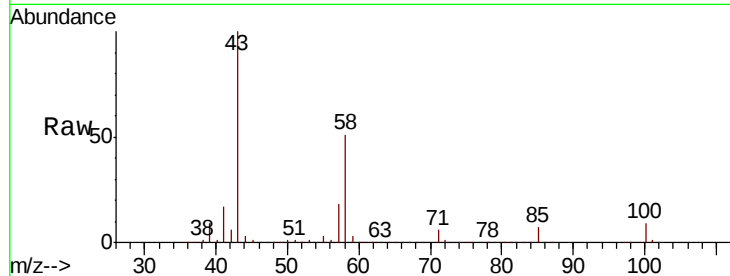




#59
2-Hexanone
Concen: 89.525 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

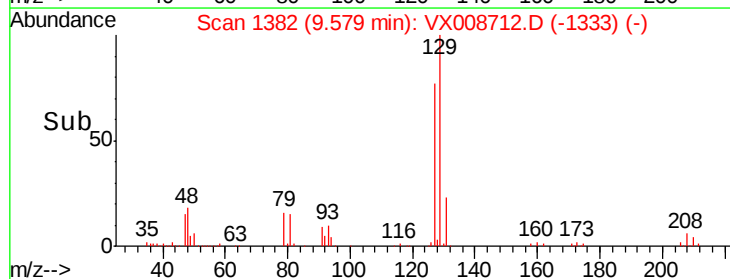
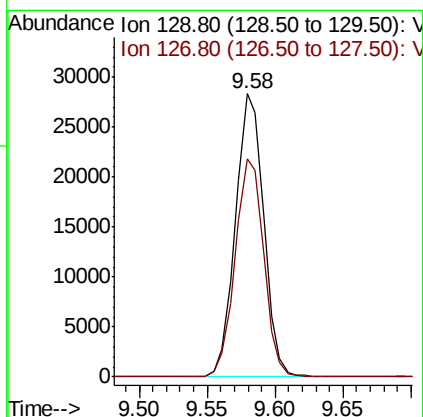
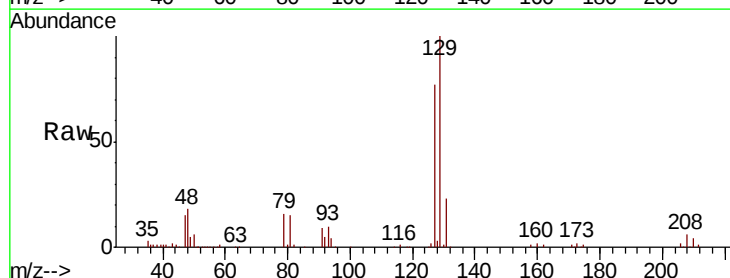
Instrument :
MSVOA_X
ClientSampled :
VX0406WBS01

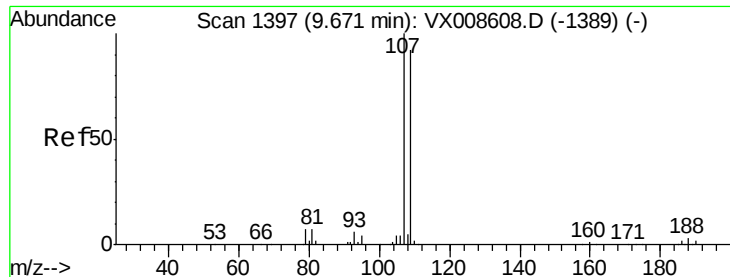
Tot Ion: 43 Resp: 324104
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7



#60
Dibromochloromethane
Concen: 17.847 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Tgt Ion:129 Resp: 41033
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.479 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

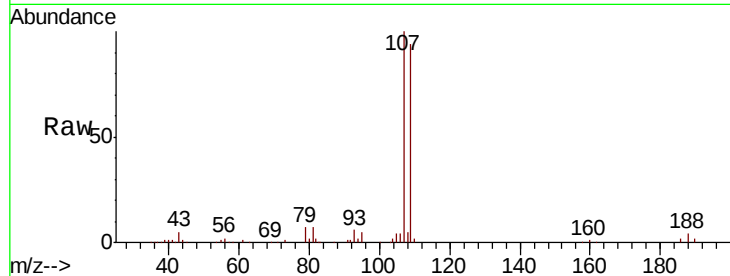
VX0406WBS01

Tot Ion:107 Resp: 44399

Ion Ratio Lower Upper

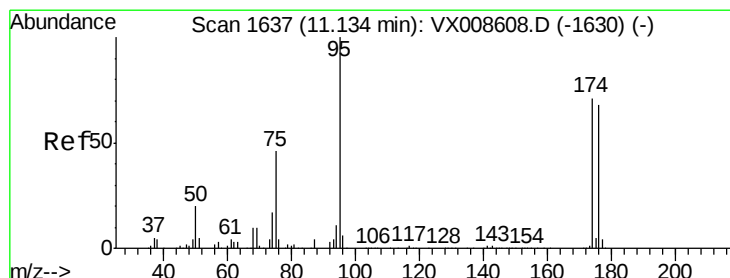
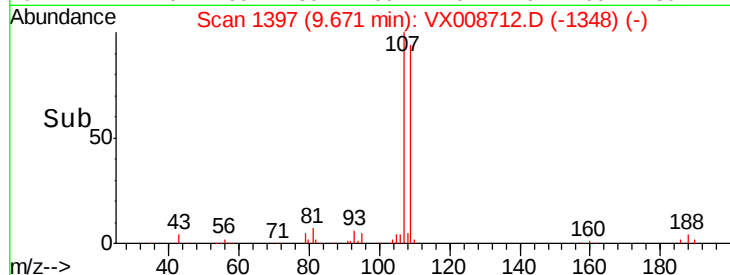
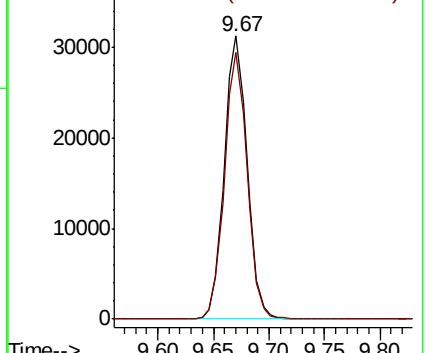
107 100

109 93.4 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.795 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

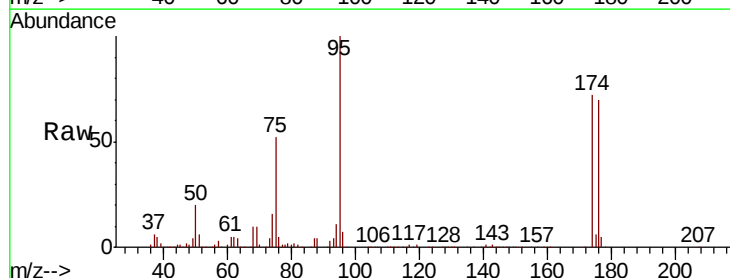
Tgt Ion: 95 Resp: 145185

Ion Ratio Lower Upper

95 100

174 76.7 0.0 151.8

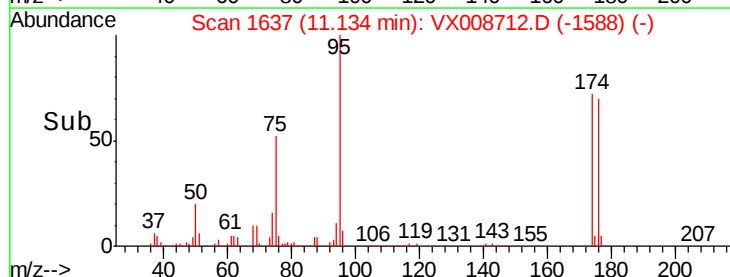
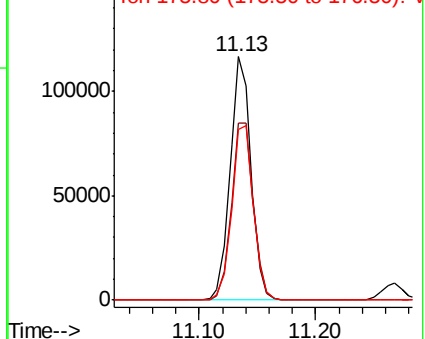
176 74.5 0.0 145.8

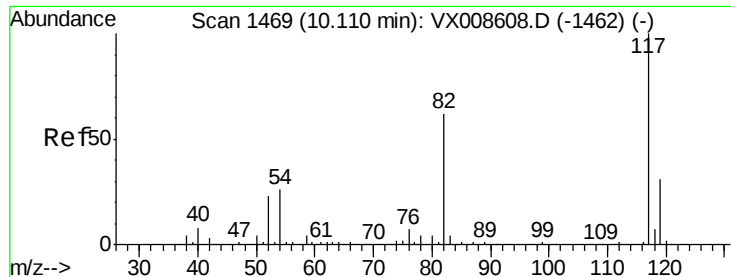


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

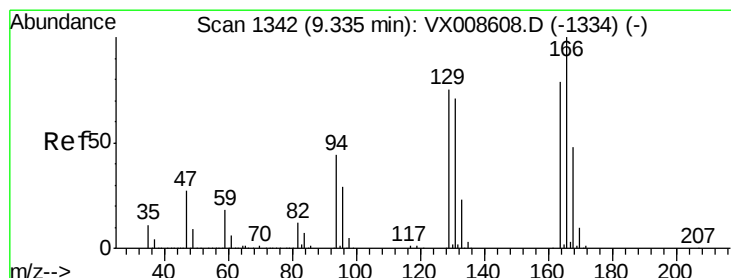
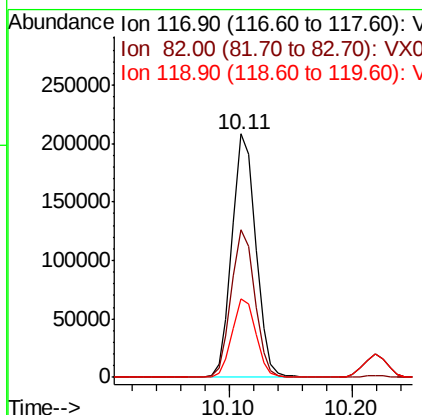
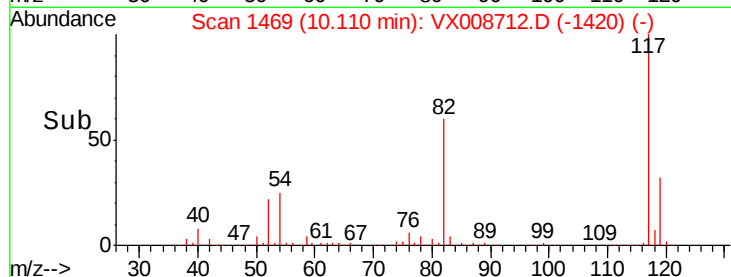
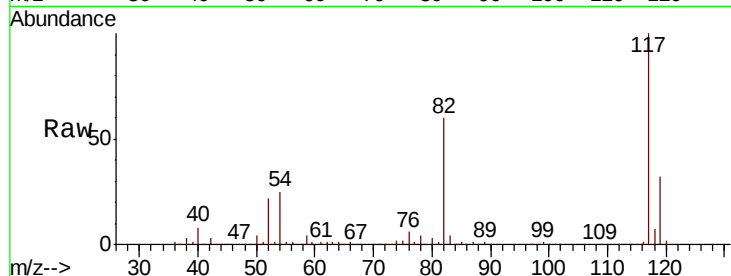




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

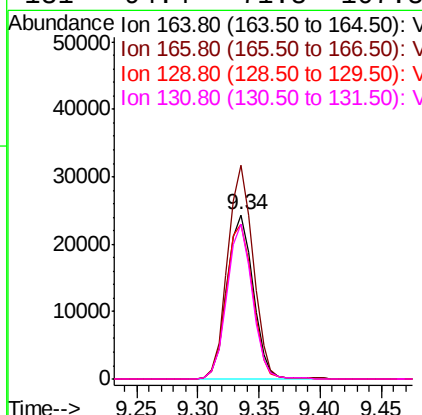
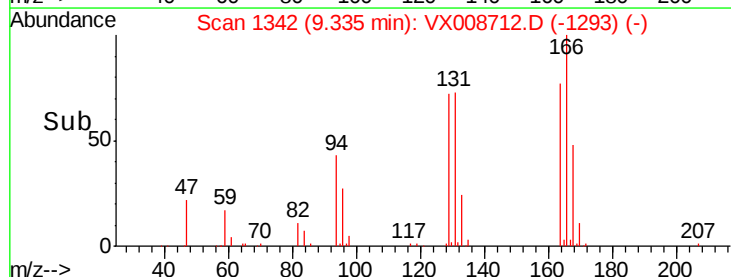
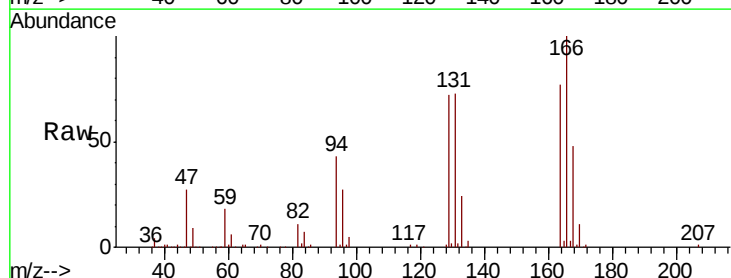
Instrument :
MSVOA_X
ClientSampled :
VX0406WBS01

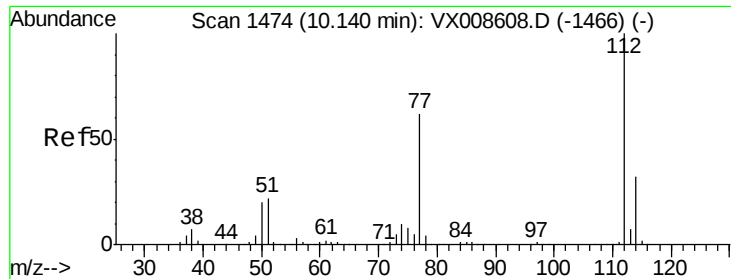
Tot Ion:117 Resp: 280397
Ion Ratio Lower Upper
117 100
82 60.4 49.6 74.4
119 32.0 25.0 37.4



#64
Tetrachloroethene
Concen: 17.410 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Tgt Ion:164 Resp: 36169
Ion Ratio Lower Upper
164 100
166 129.9 101.0 151.6
129 94.0 75.8 113.8
131 94.4 71.8 107.8

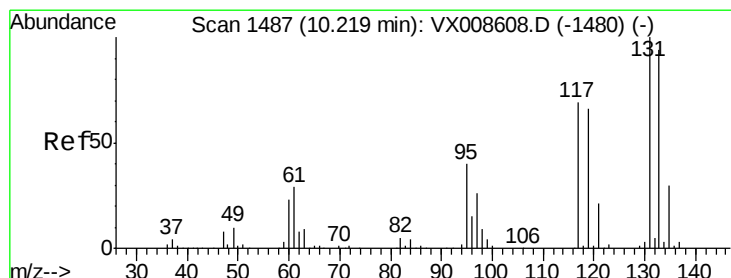
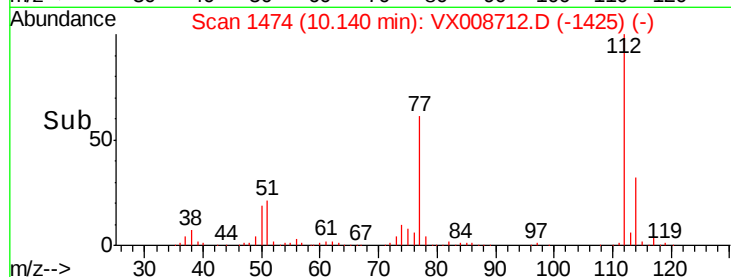
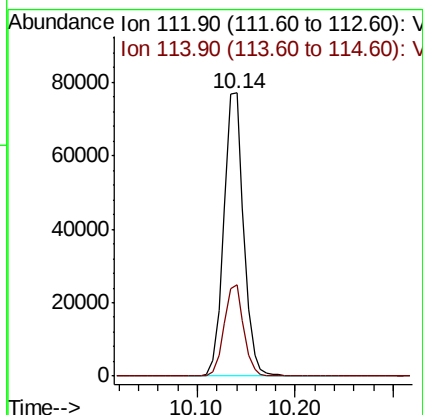
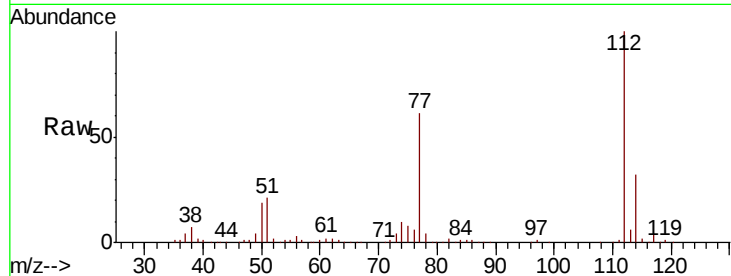




#65
Chlorobenzene
Concen: 17.442 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

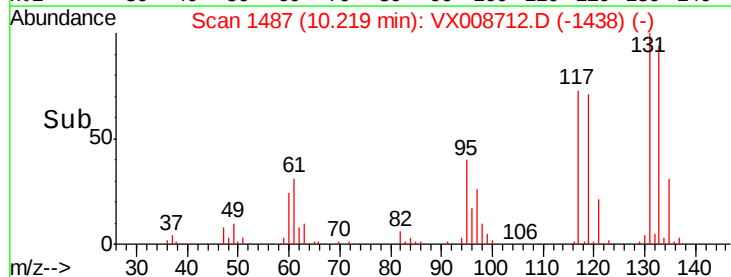
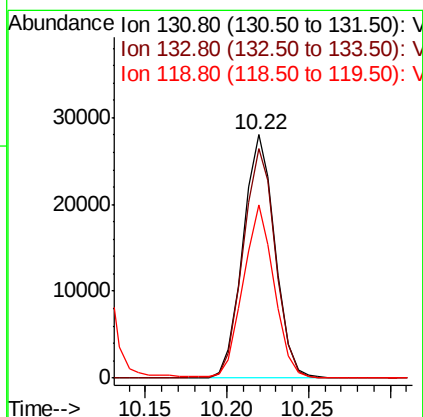
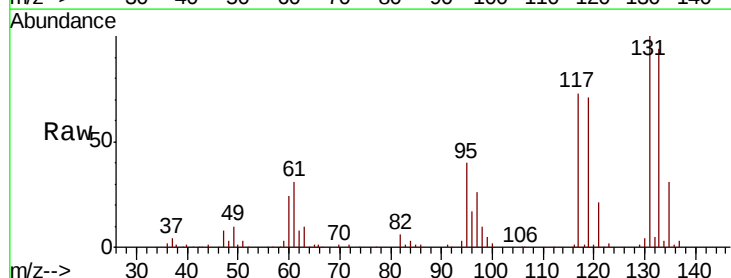
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

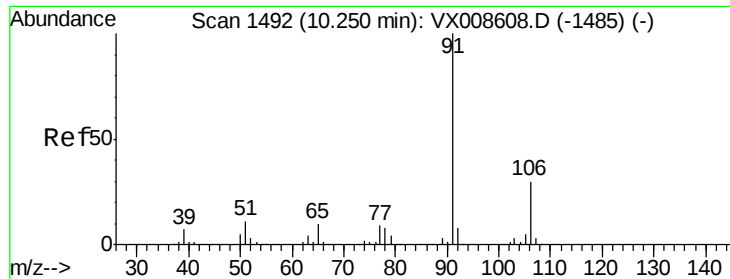
Tot Ion:112 Resp: 108410
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.573 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Tgt Ion:131 Resp: 38318
Ion Ratio Lower Upper
131 100
133 95.2 47.0 141.2
119 68.7 33.7 101.0





#67

Ethyl Benzene

Concen: 17.326 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

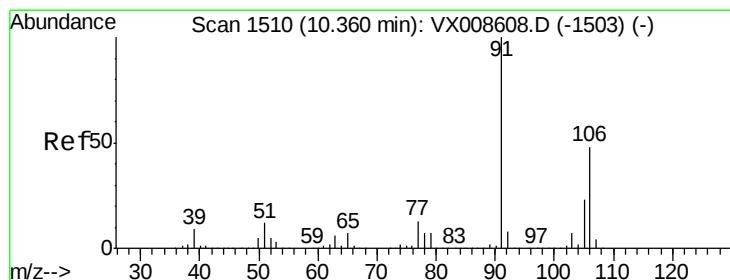
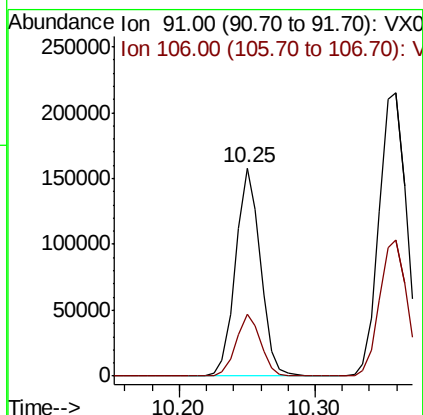
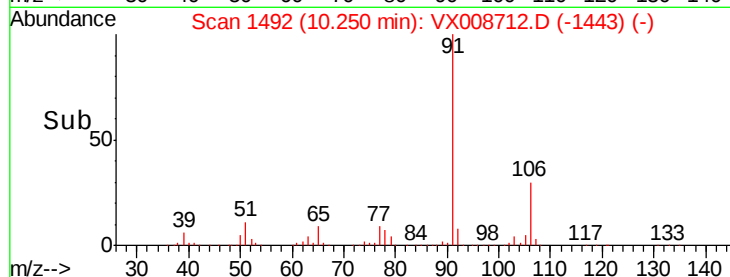
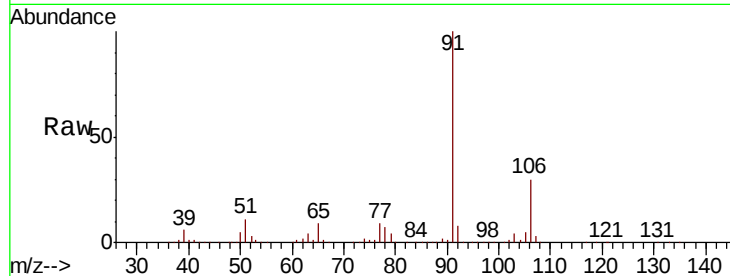
VX0406WBS01

Tot Ion: 91 Resp: 200813

Ion Ratio Lower Upper

91 100

106 30.0 23.7 35.5



#68

m/p-Xylenes

Concen: 34.757 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008712.D

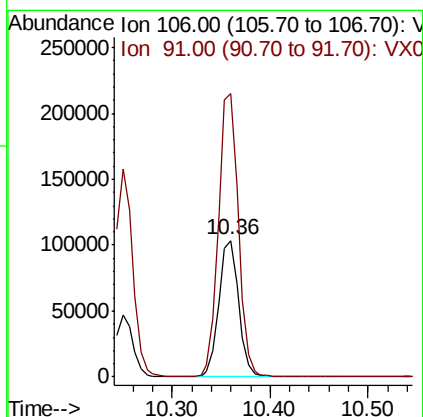
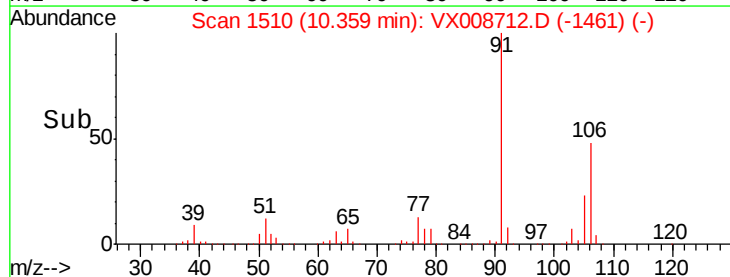
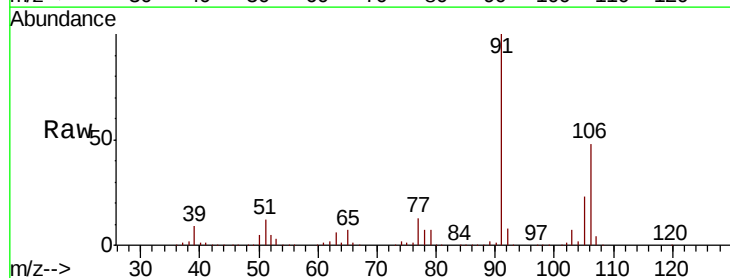
Acq: 06 Apr 2019 11:58

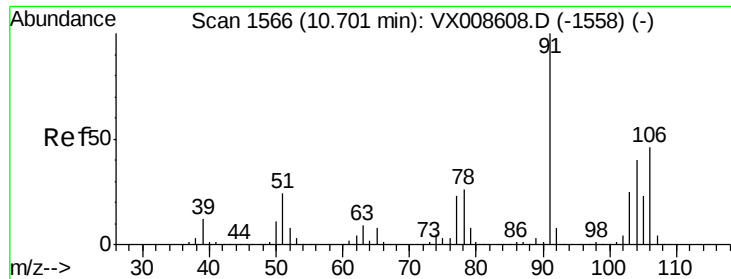
Tgt Ion: 106 Resp: 144840

Ion Ratio Lower Upper

106 100

91 210.3 168.5 252.7

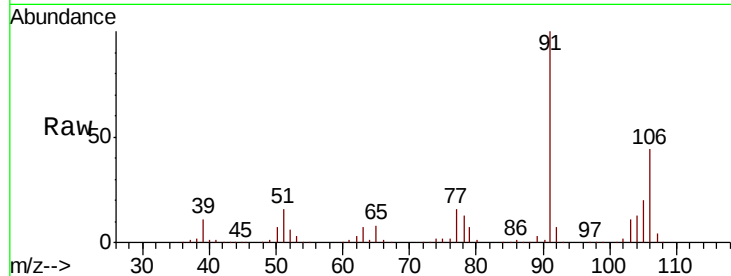




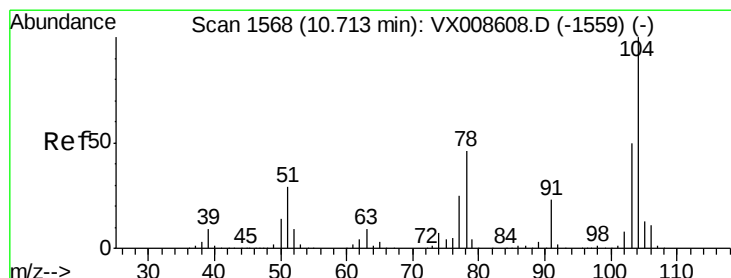
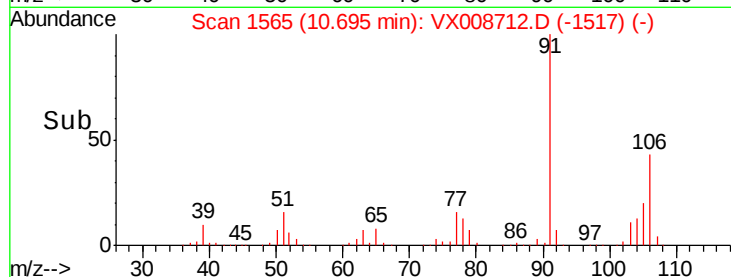
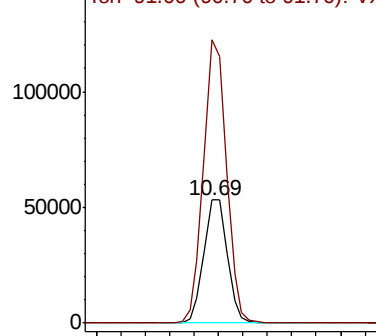
#69
o-Xylene
Concen: 17.583 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Instrument :
MSVOA_X
ClientSampled :
VX0406WBS01

Tot Ion:106 Resp: 71010
Ion Ratio Lower Upper
106 100
91 224.0 111.5 334.4

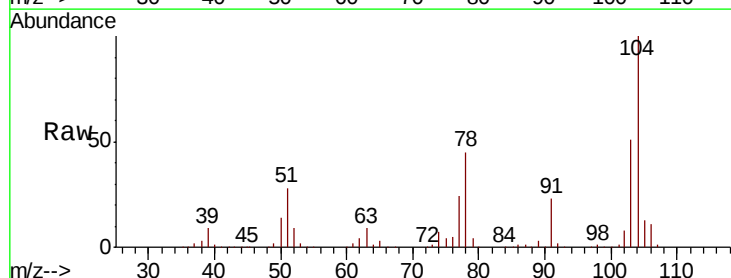


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

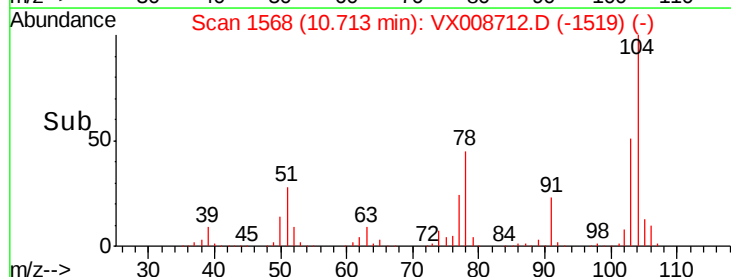
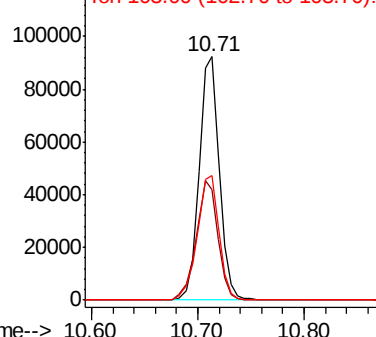


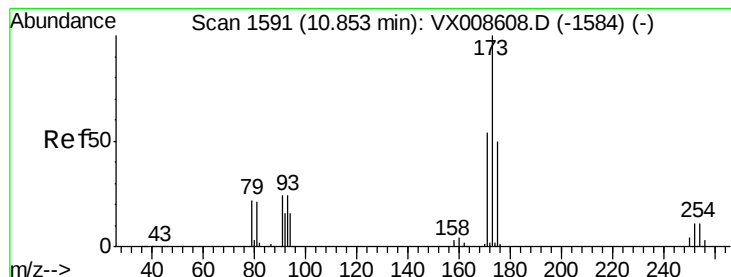
#70
Styrene
Concen: 17.636 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008712.D
Acq: 06 Apr 2019 11:58

Tgt Ion:104 Resp: 122770
Ion Ratio Lower Upper
104 100
78 52.8 42.3 63.5
103 55.5 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.633 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

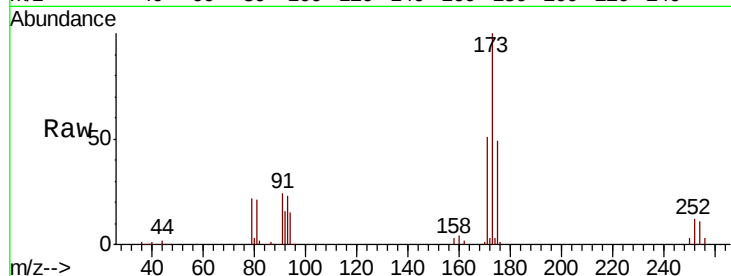
Tot Ion:173 Resp: 29366

Ion Ratio Lower Upper

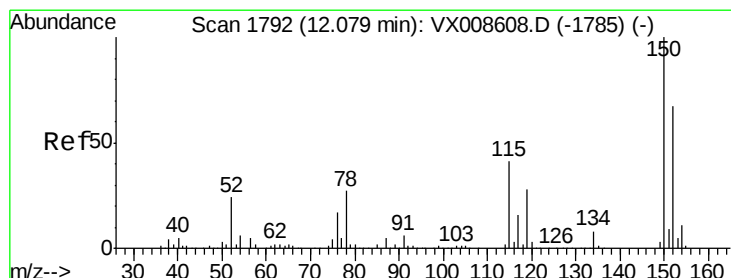
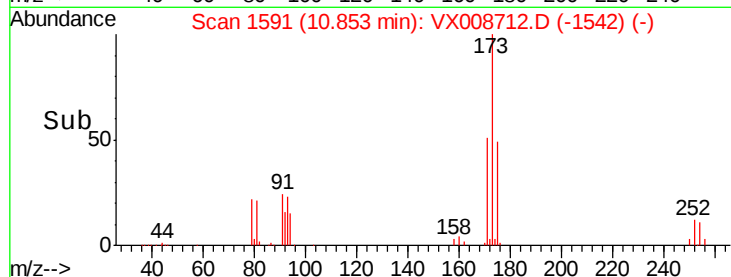
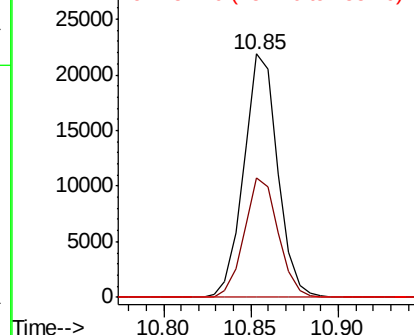
173 100

175 49.1 24.9 74.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

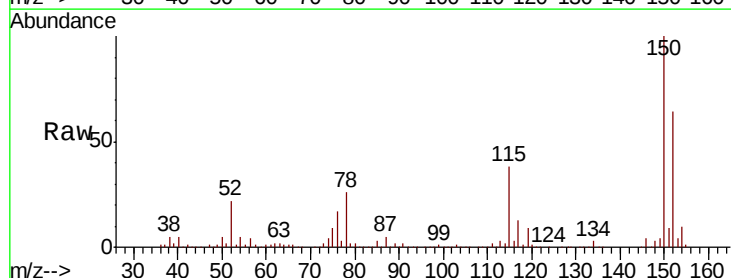
Tgt Ion:152 Resp: 127824

Ion Ratio Lower Upper

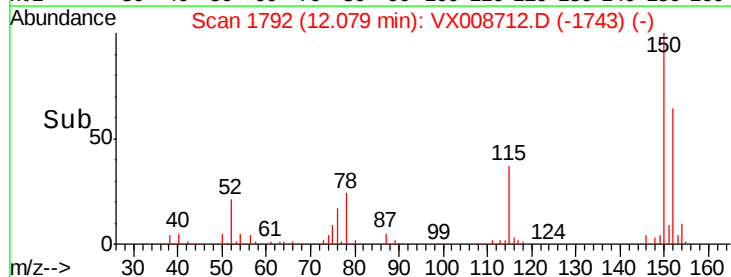
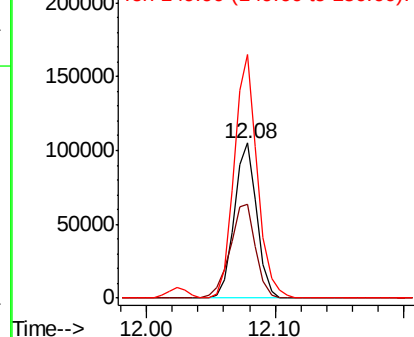
152 100

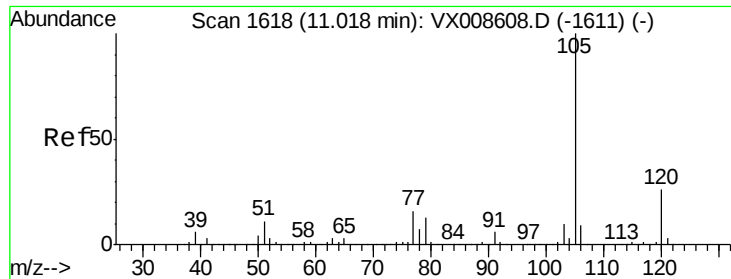
115 69.1 43.5 130.5

150 162.0 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.885 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

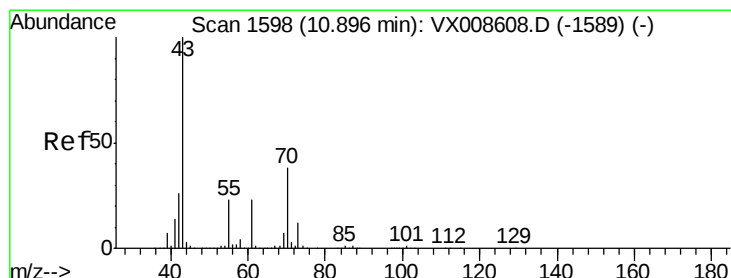
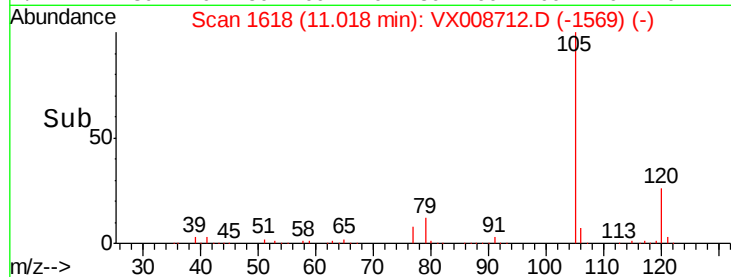
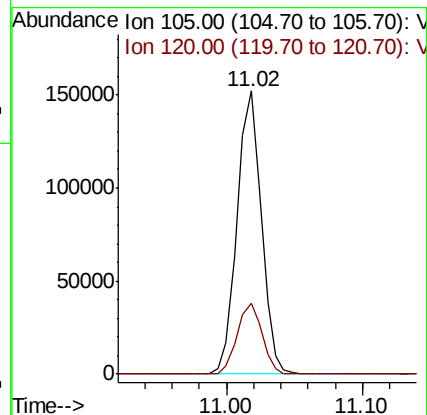
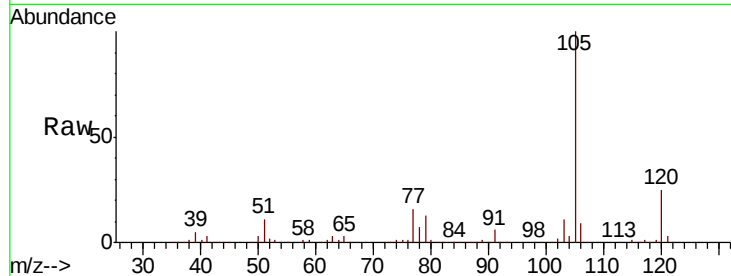
VX0406WBS01

Tot Ion:105 Resp: 189456

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 17.580 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Tgt Ion: 43 Resp: 109564

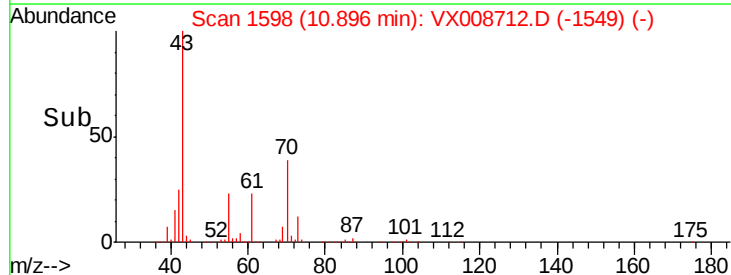
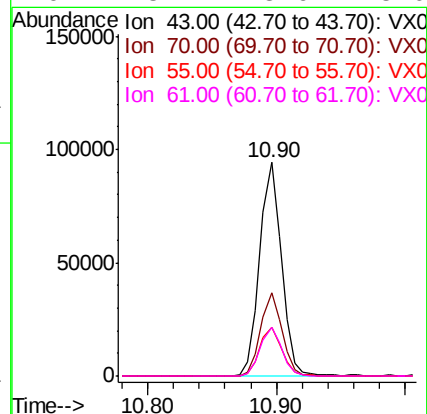
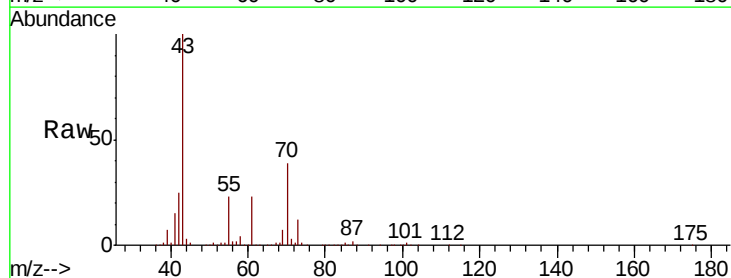
Ion Ratio Lower Upper

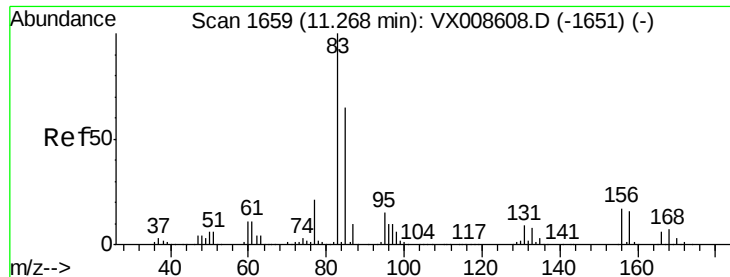
43 100

70 38.3 30.2 45.4

55 23.3 18.2 27.4

61 23.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.535 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

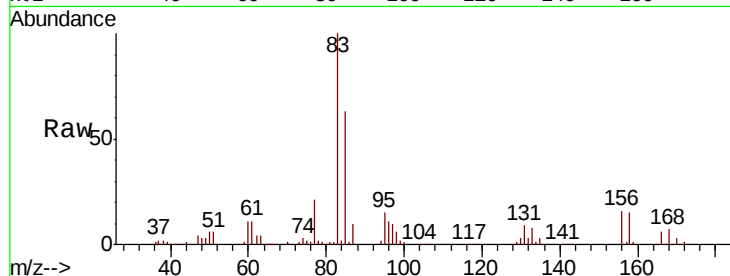
Tot Ion: 83 Resp: 70644

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.7

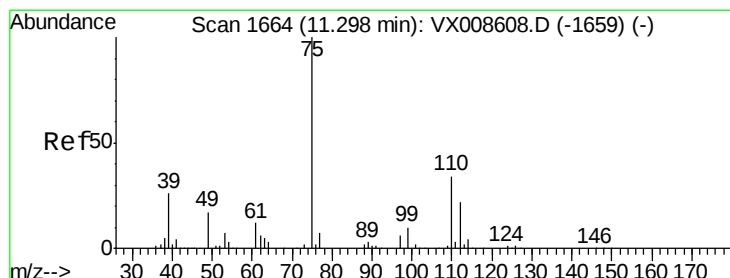
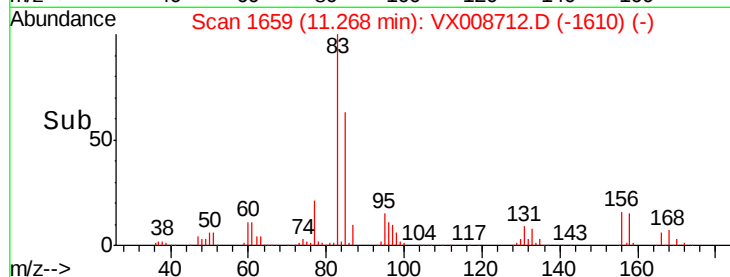
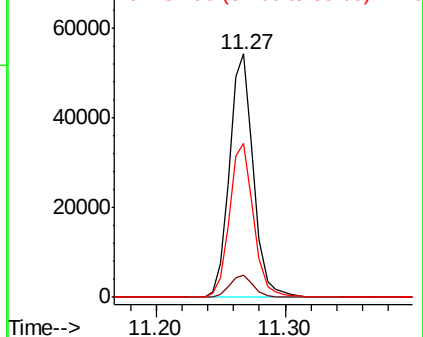
85 63.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.062 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008712.D

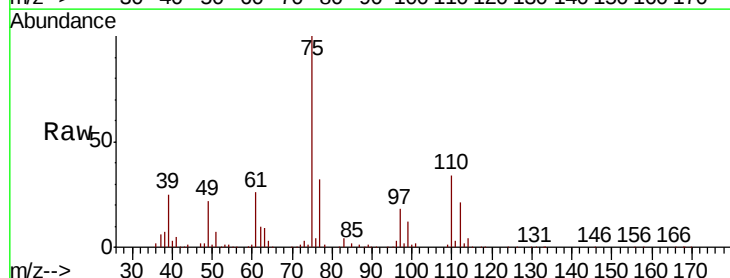
Acq: 06 Apr 2019 11:58

Tgt Ion: 75 Resp: 80982

Ion Ratio Lower Upper

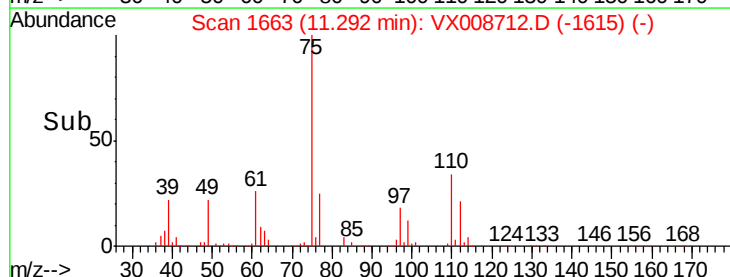
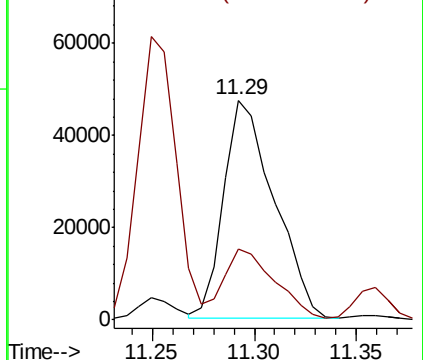
75 100

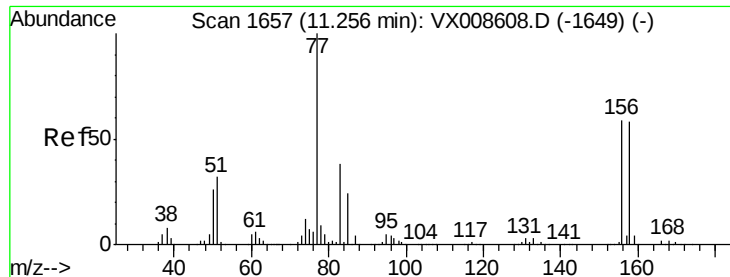
77 33.1 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.771 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

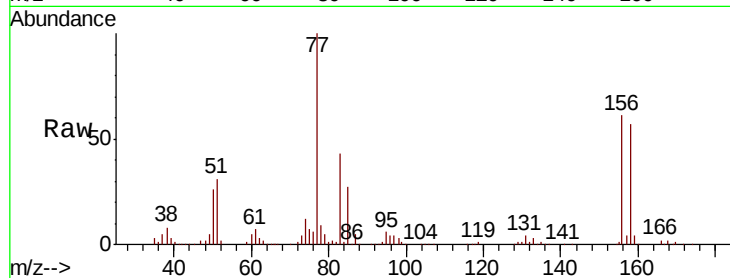
Tot Ion:156 Resp: 45256

Ion Ratio Lower Upper

156 100

77 178.6 89.8 269.6

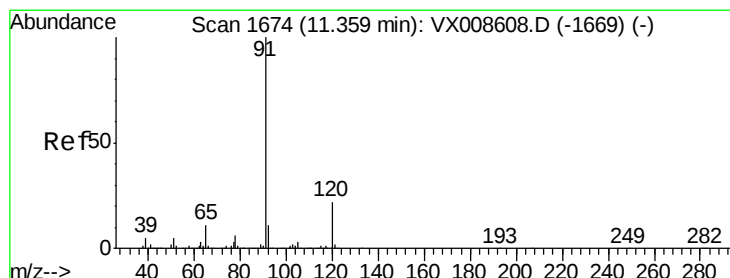
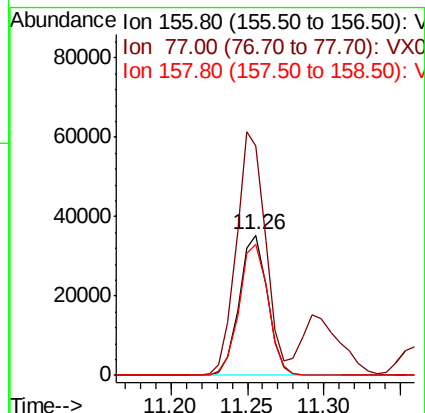
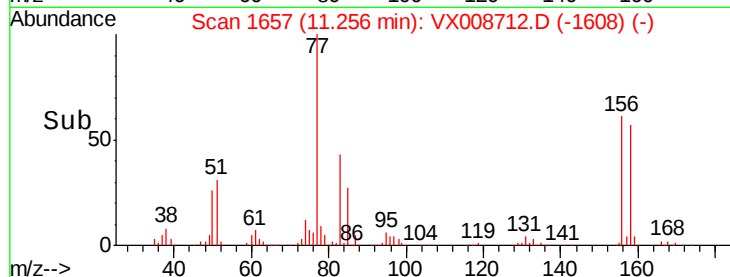
158 96.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.511 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008712.D

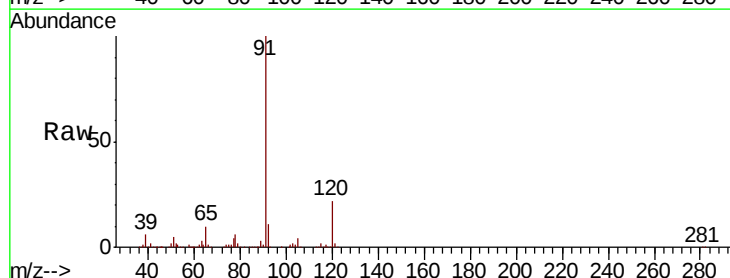
Acq: 06 Apr 2019 11:58

Tgt Ion: 91 Resp: 215992

Ion Ratio Lower Upper

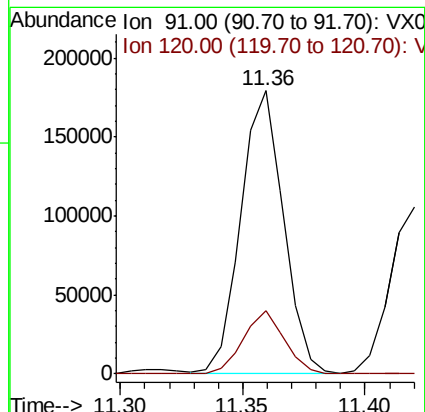
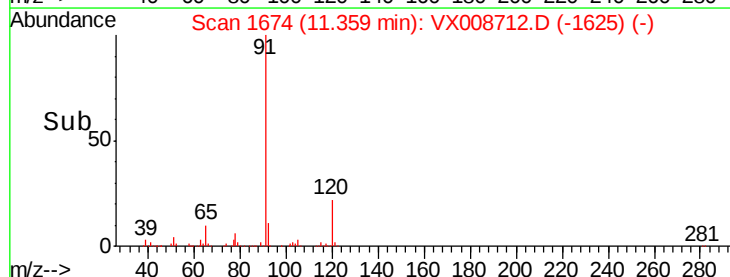
91 100

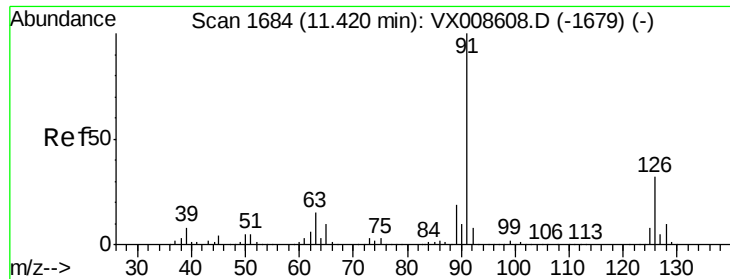
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.467 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

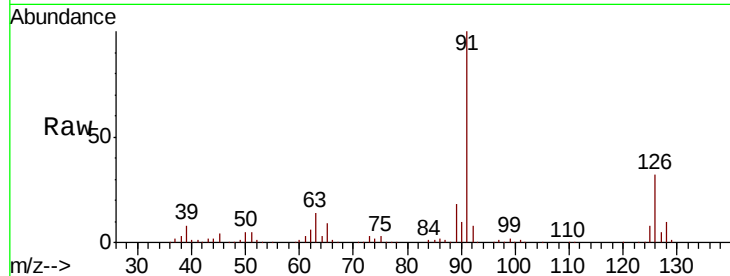
VX0406WBS01

Tot Ion: 91 Resp: 130375

Ion Ratio Lower Upper

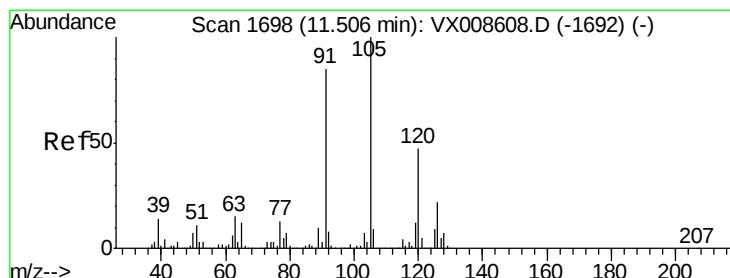
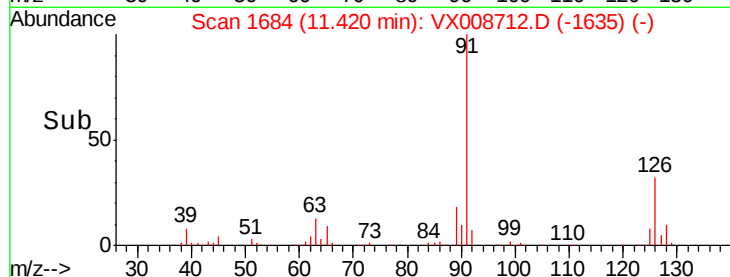
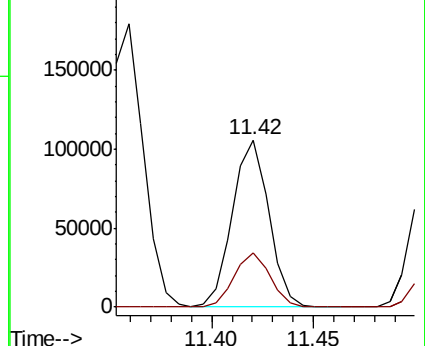
91 100

126 32.3 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.880 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008712.D

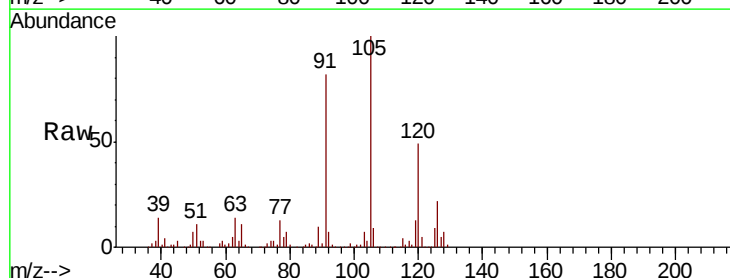
Acq: 06 Apr 2019 11:58

Tgt Ion:105 Resp: 158991

Ion Ratio Lower Upper

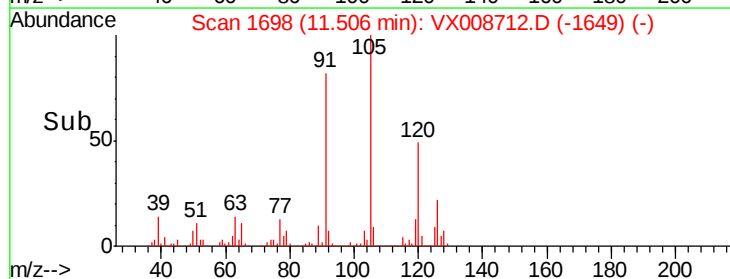
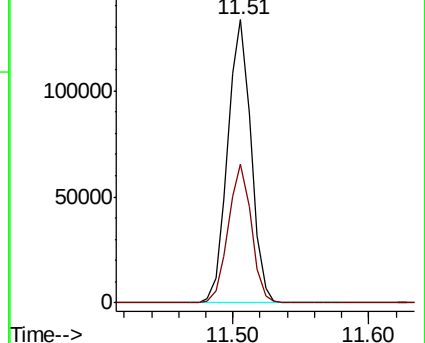
105 100

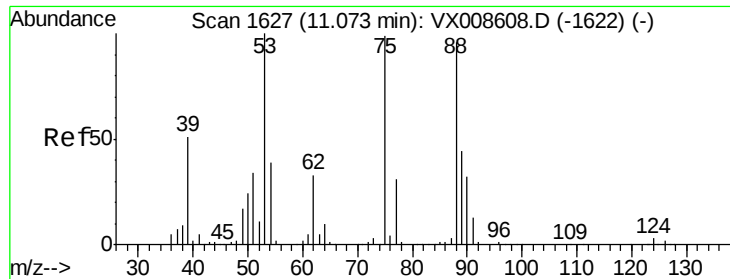
120 48.2 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.317 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

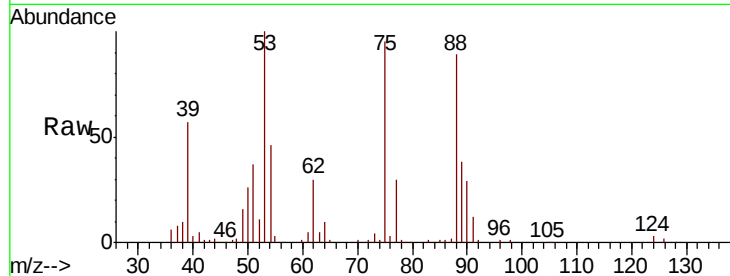
Tot Ion: 75 Resp: 22059

Ion Ratio Lower Upper

75 100

53 107.5 81.3 121.9

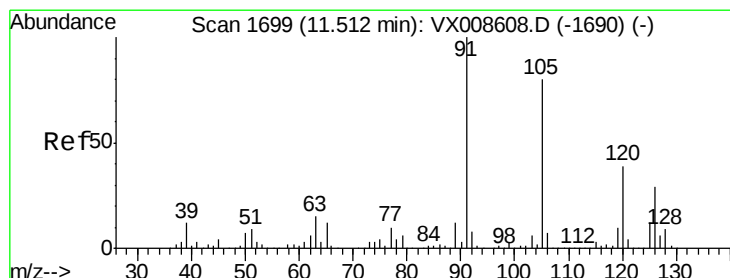
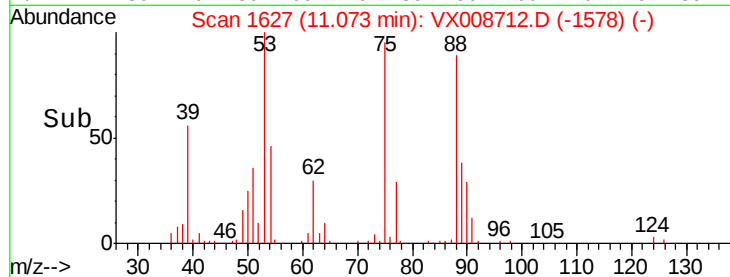
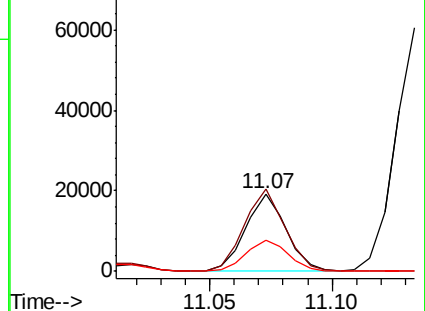
89 42.8 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.184 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008712.D

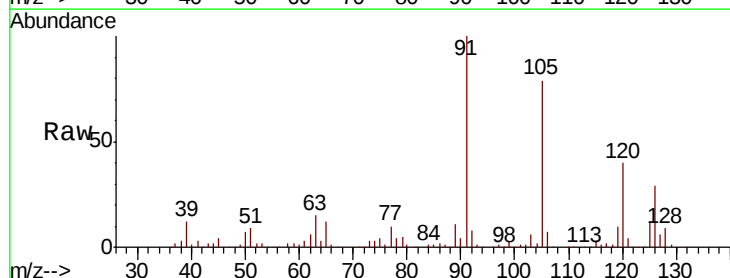
Acq: 06 Apr 2019 11:58

Tgt Ion: 91 Resp: 148467

Ion Ratio Lower Upper

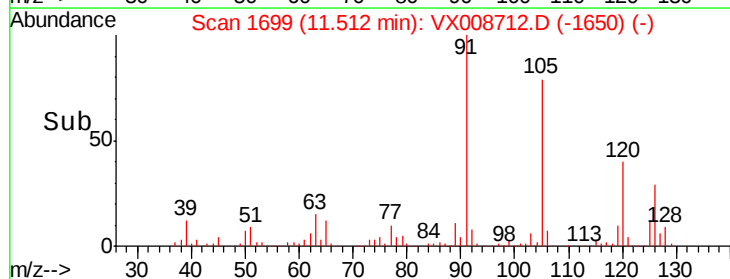
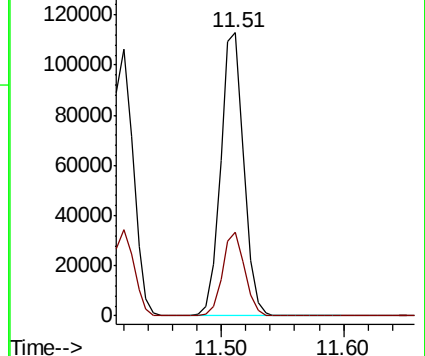
91 100

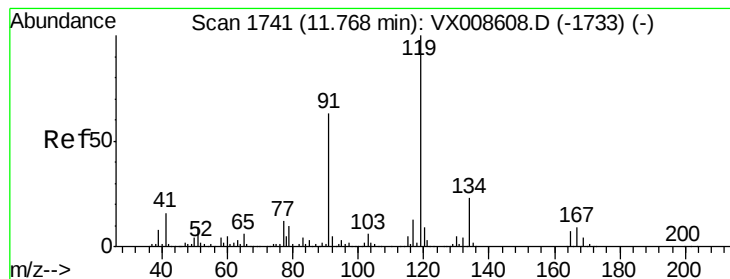
126 28.5 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.647 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

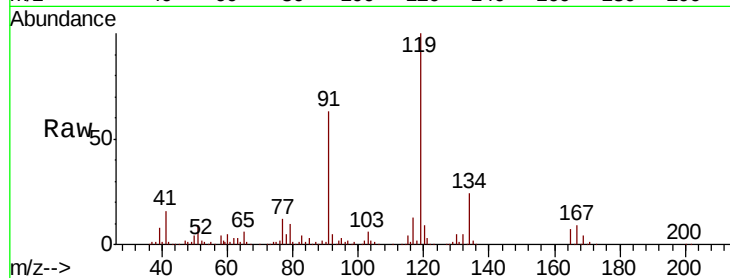
Tot Ion:119 Resp: 150963

Ion Ratio Lower Upper

119 100

91 60.2 30.0 90.1

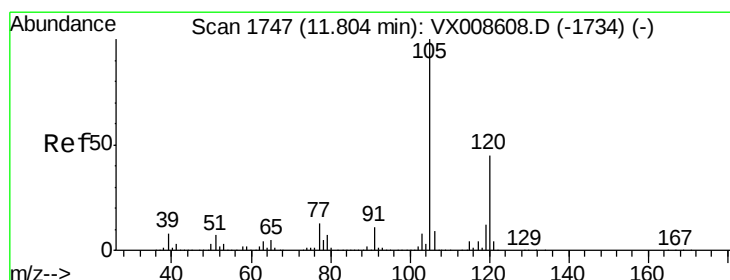
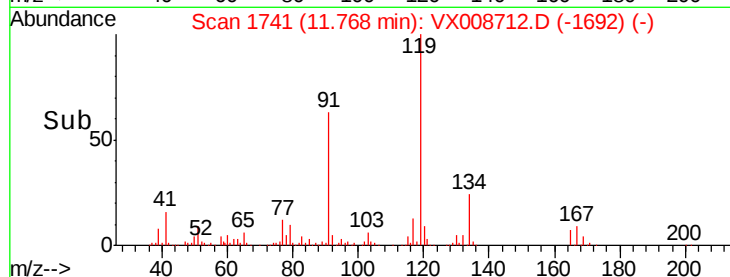
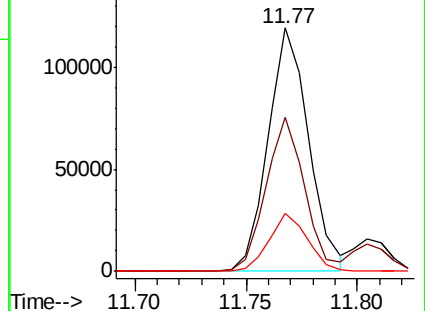
134 22.5 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.767 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008712.D

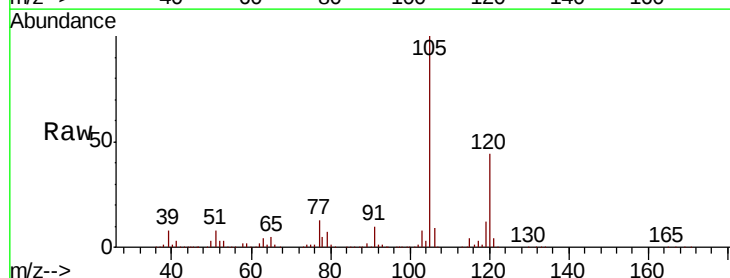
Acq: 06 Apr 2019 11:58

Tgt Ion:105 Resp: 159967

Ion Ratio Lower Upper

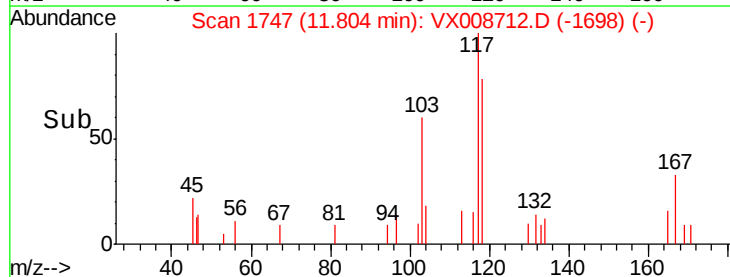
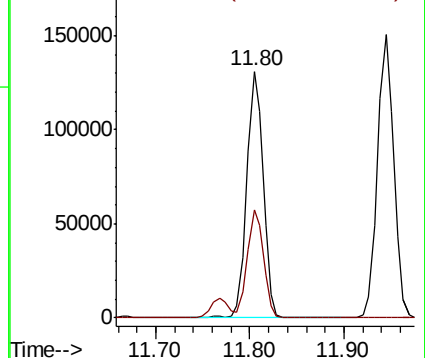
105 100

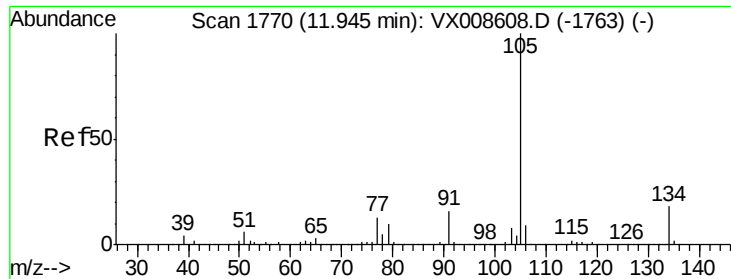
120 42.8 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.818 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

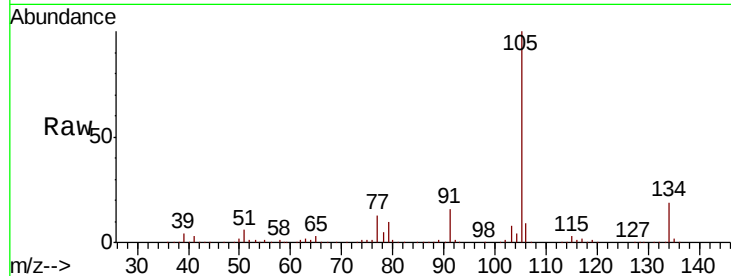
VX0406WBS01

Tot Ion:105 Resp: 181061

Ion Ratio Lower Upper

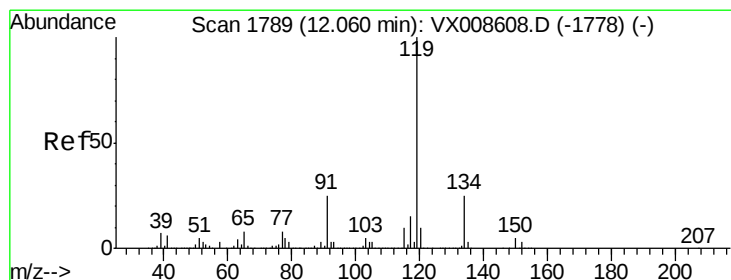
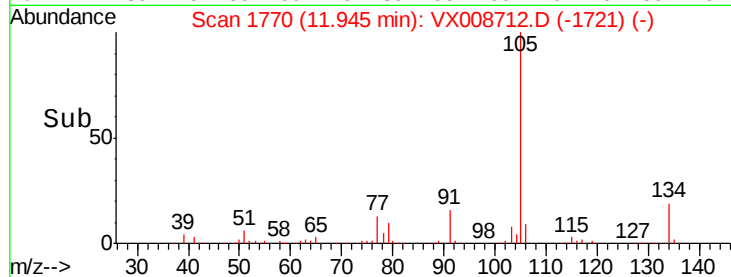
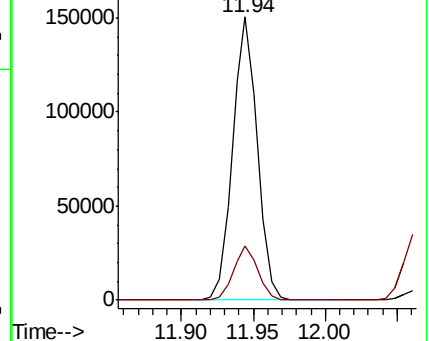
105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.769 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

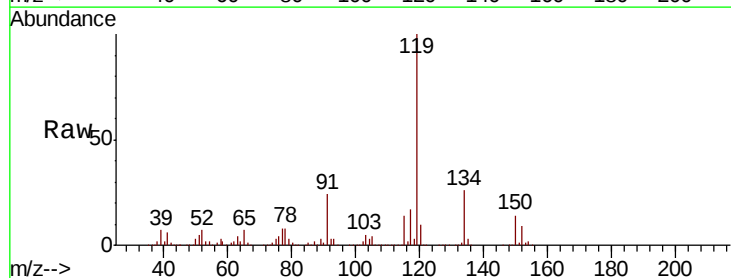
Tgt Ion:119 Resp: 162066

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

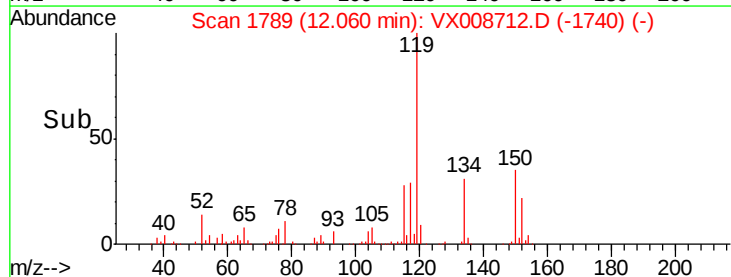
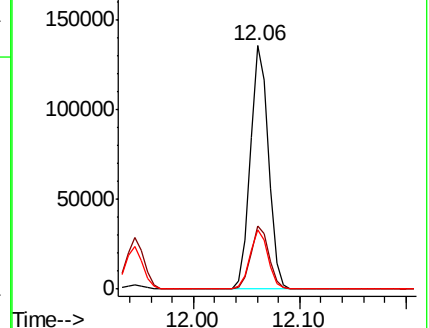
91 24.5 12.2 36.6

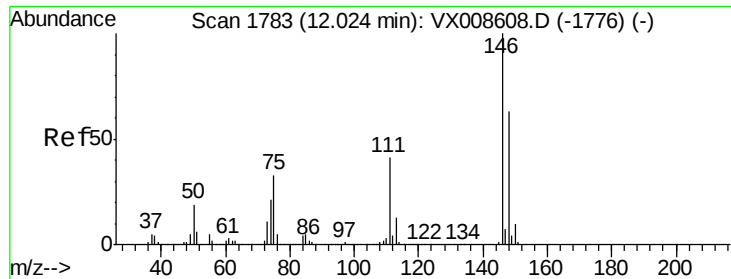


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.050 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

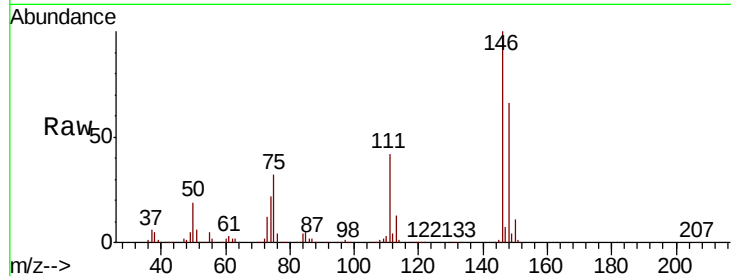
Tot Ion:146 Resp: 77733

Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.5

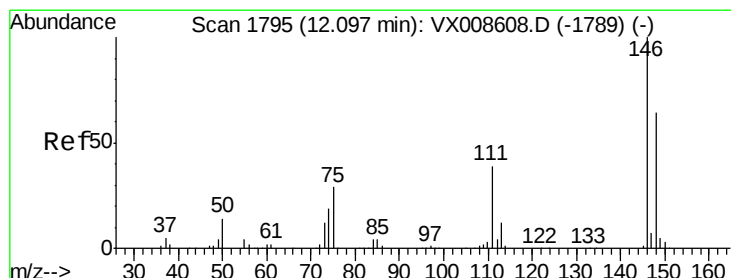
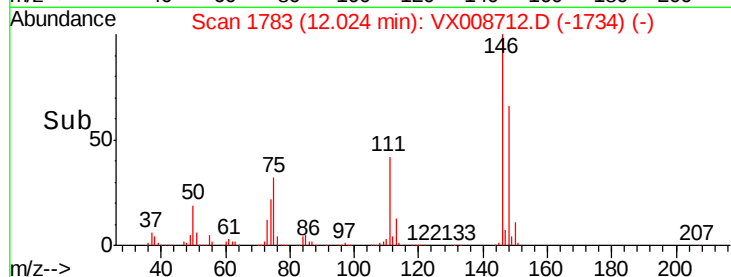
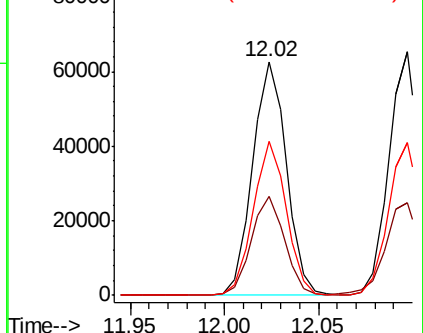
148 64.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 16.902 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

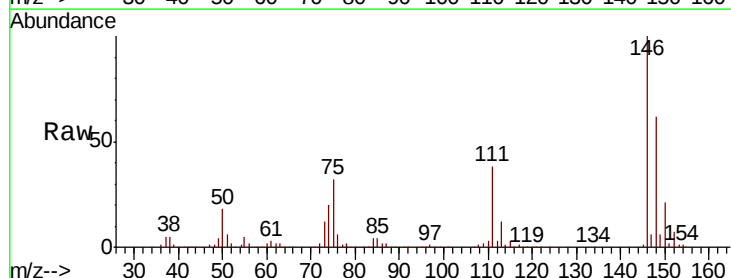
Tgt Ion:146 Resp: 78029

Ion Ratio Lower Upper

146 100

111 41.8 20.2 60.6

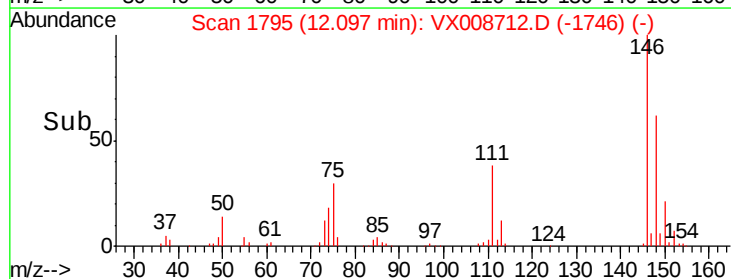
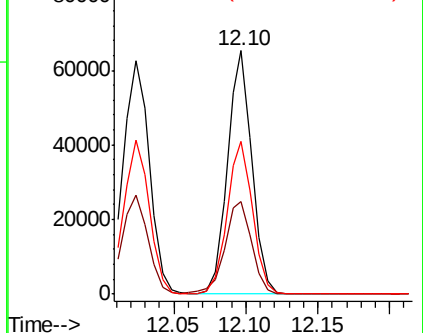
148 64.9 32.0 96.0

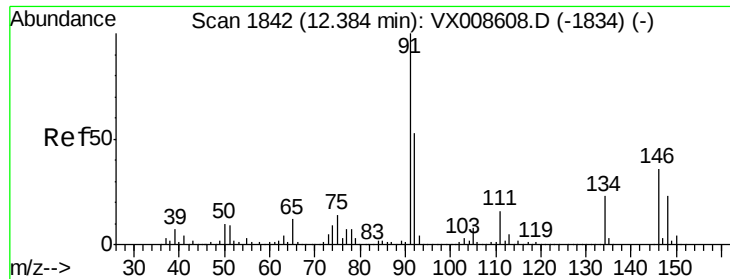


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.277 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

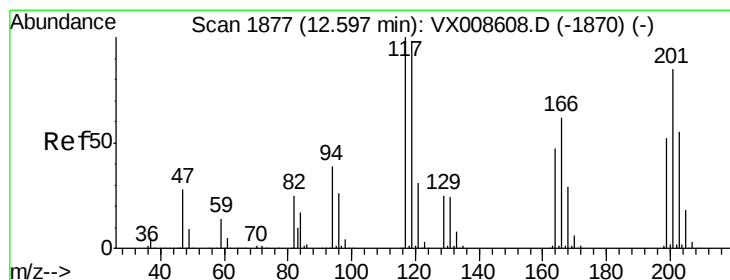
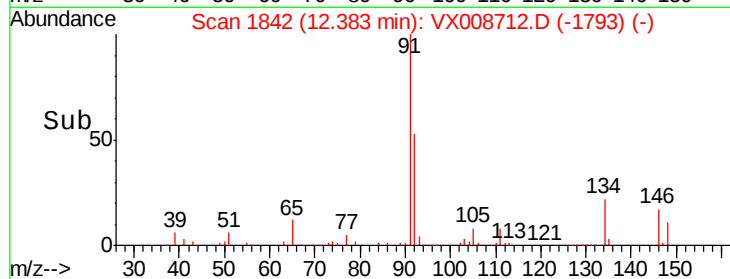
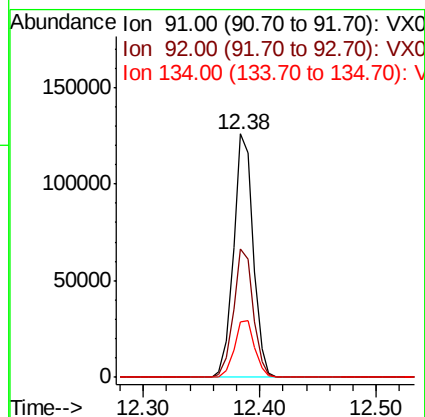
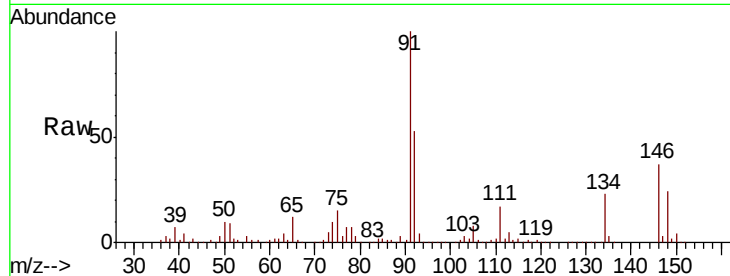
Tot Ion: 91 Resp: 147776

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 24.0 12.0 36.0



#90

Hexachloroethane

Concen: 17.754 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008712.D

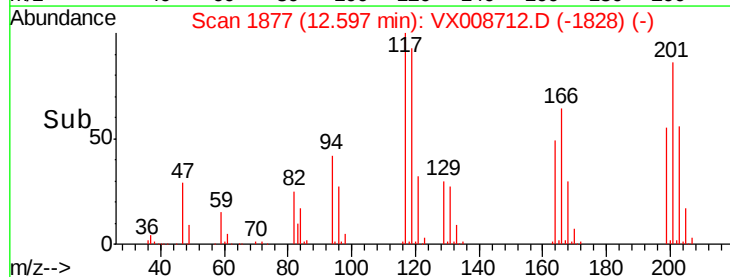
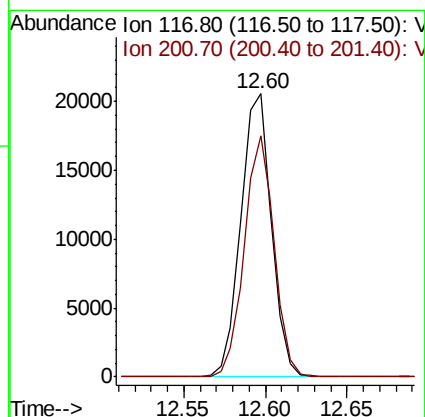
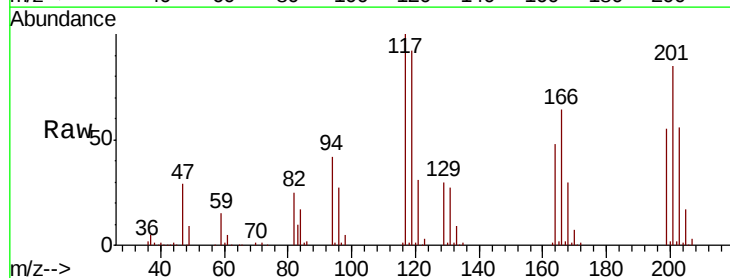
Acq: 06 Apr 2019 11:58

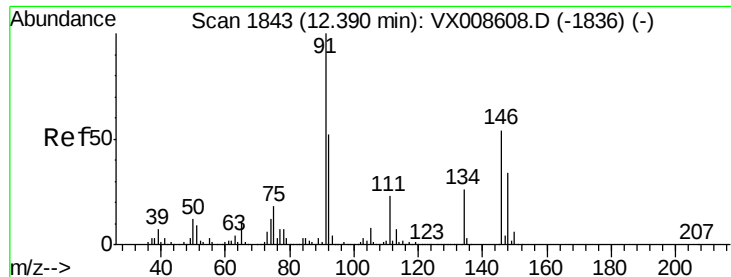
Tgt Ion: 117 Resp: 26857

Ion Ratio Lower Upper

117 100

201 82.5 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 17.370 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

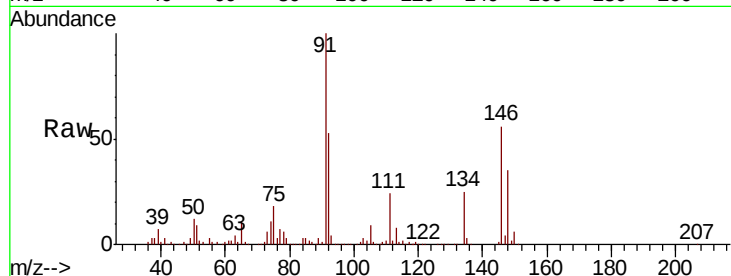
Tot Ion:146 Resp: 78624

Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.9

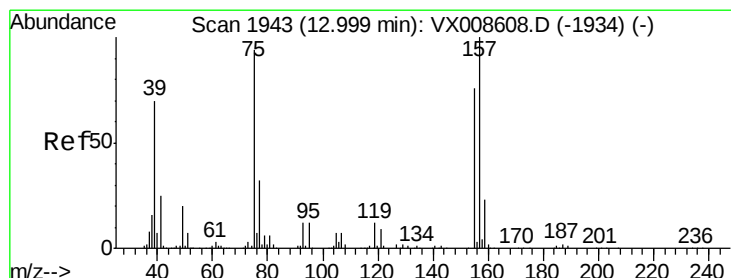
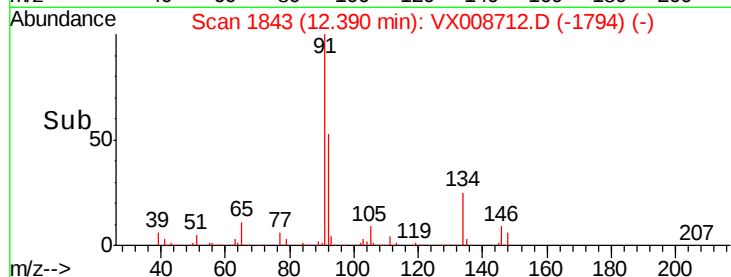
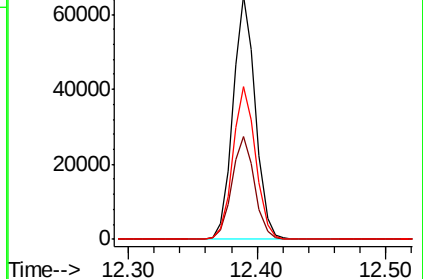
148 63.8 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.337 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

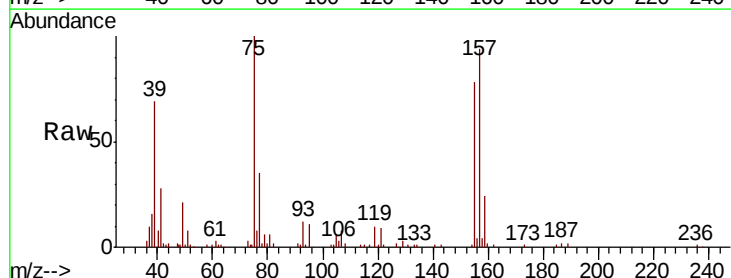
Tgt Ion: 75 Resp: 15365

Ion Ratio Lower Upper

75 100

155 76.0 39.9 119.6

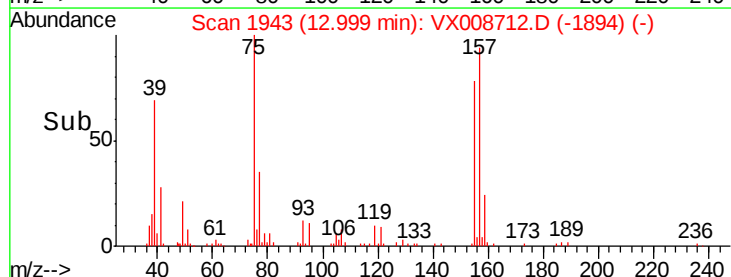
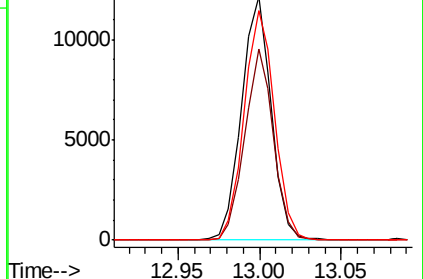
157 96.6 51.5 154.7

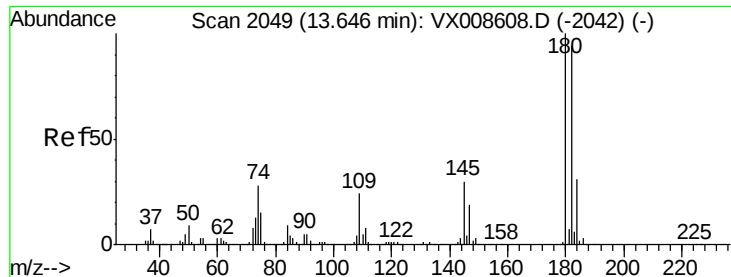


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

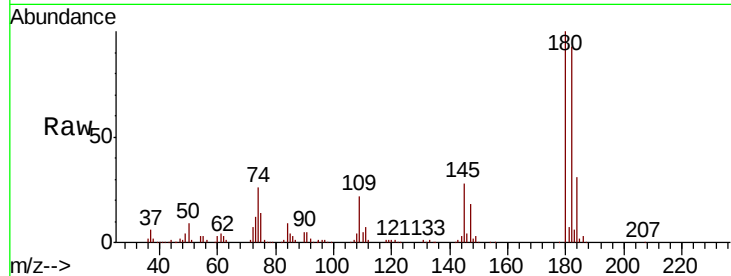




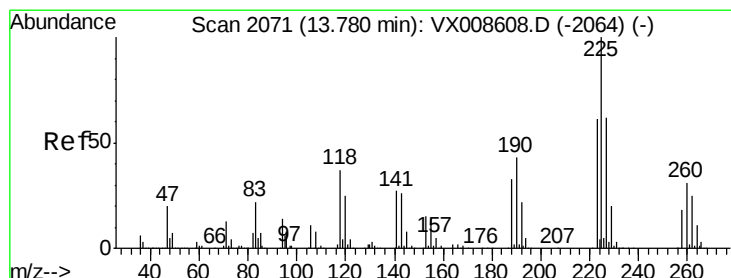
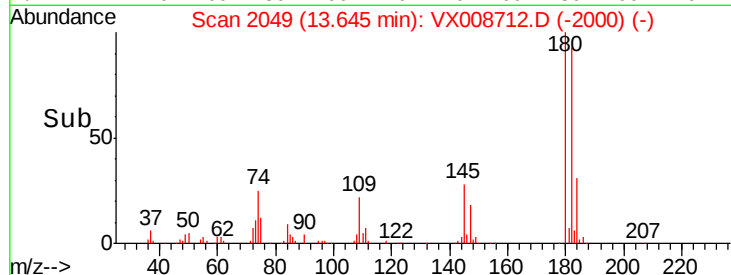
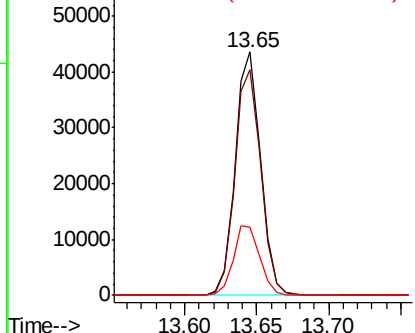
#93
 1,2,4-Trichlorobenzene
 Concen: 17.012 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Tot Ion:180 Resp: 53542
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.2 141.6
 145 29.7 15.3 45.9

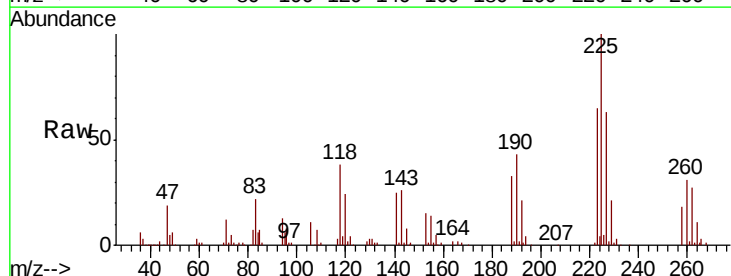


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

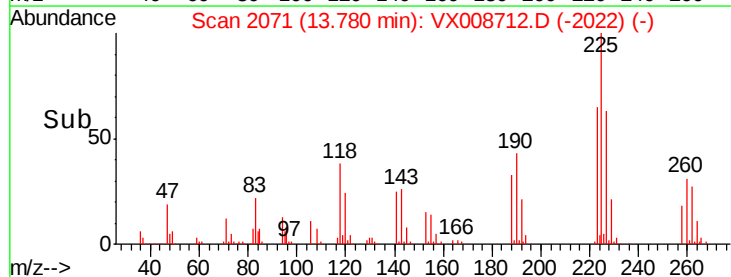
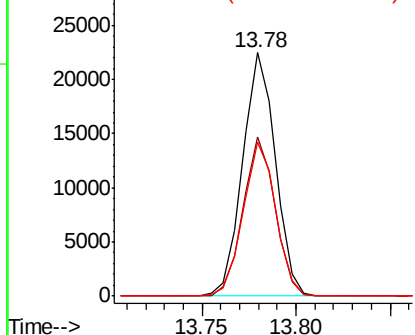


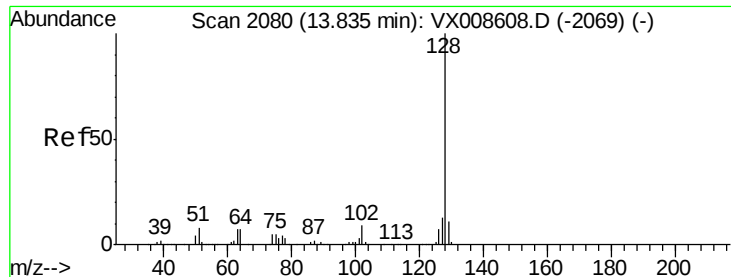
#94
 Hexachlorobutadiene
 Concen: 17.943 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008712.D
 Acq: 06 Apr 2019 11:58

Tgt Ion:225 Resp: 27082
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.2 93.6
 227 62.9 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.979 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Instrument :

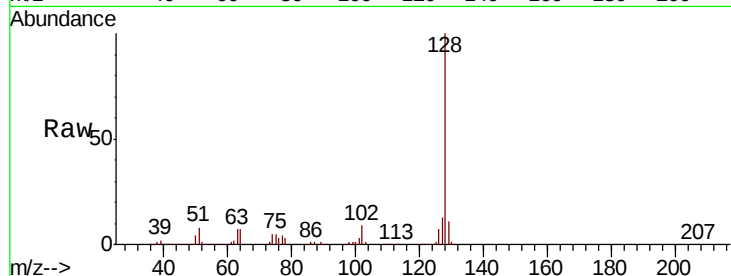
MSVOA_X

ClientSampleId :

VX0406WBS01

Tot Ion:128 Resp: 178600

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

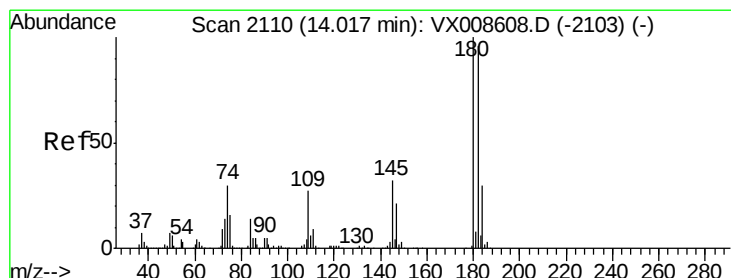
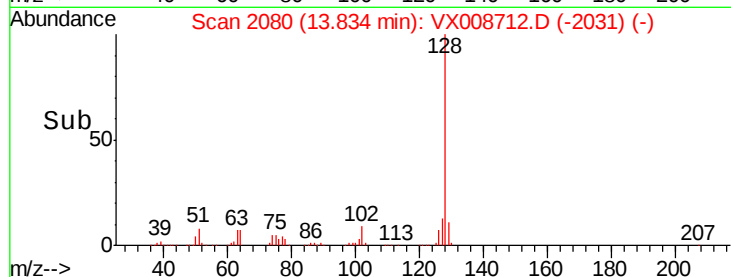
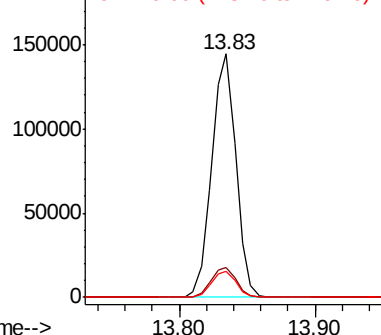


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.673 ug/l

RT: 14.02 min Scan# 2110

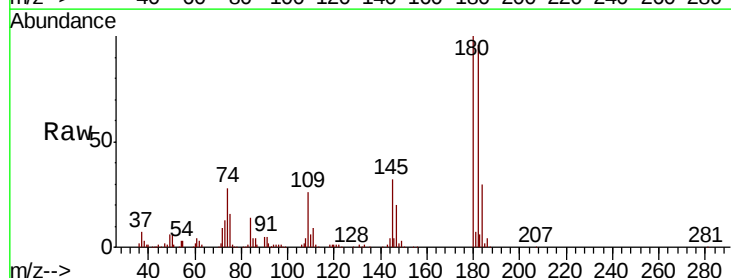
Delta R.T. -0.00 min

Lab File: VX008712.D

Acq: 06 Apr 2019 11:58

Tgt Ion:180 Resp: 52429

Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.1	144.3
145	32.2	16.3	48.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

