

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
 Data File : VX008772.D
 Acq On : 09 Apr 2019 15:48
 Operator : JC/SP
 Sample : VX0409WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Quant Time: Apr 09 16:08:22 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	5.67	168	178348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129628	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	5.50	113	95522	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.71	98	380250	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	132599	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31841	15.510	ug/l	99
3) Chloromethane	1.32	50	45088	16.799	ug/l	99
4) Vinyl Chloride	1.41	62	45061	16.237	ug/l	99
5) Bromomethane	1.64	94	25059	19.524	ug/l	98
6) Chloroethane	1.71	64	28095	16.509	ug/l	99
7) Trichlorofluoromethane	1.93	101	53242	17.355	ug/l	100
8) Diethyl Ether	2.19	74	25611	17.605	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34786	17.612	ug/l	98
10) Methyl Iodide	2.51	142	32577	20.663	ug/l	99
11) Tert butyl alcohol	3.06	59	58937	96.777	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35329	17.135	ug/l	99
13) Acrolein	2.29	56	38027	125.928	ug/l	99
14) Allyl chloride	2.73	41	83546	17.700	ug/l	98
15) Acrylonitrile	3.15	53	150210	93.105	ug/l	100
16) Acetone	2.45	43	138402	92.374	ug/l	97
17) Carbon Disulfide	2.57	76	96905	15.769	ug/l	99
18) Methyl Acetate	2.78	43	69423	19.105	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	138145	18.761	ug/l	98
20) Methylene Chloride	2.85	84	42316	16.873	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	37962	17.022	ug/l	98
22) Diisopropyl ether	3.85	45	167712	18.435	ug/l #	87
23) Vinyl Acetate	3.82	43	739158	93.395	ug/l	100
24) 1,1-Dichloroethane	3.70	63	81079	18.000	ug/l	99
25) 2-Butanone	4.68	43	226896	95.815	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57039	17.979	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45672	17.812	ug/l	99
28) Bromochloromethane	5.01	49	39730	19.255	ug/l	99
29) Tetrahydrofuran	5.13	42	148851	94.704	ug/l	99
30) Chloroform	5.21	83	73301	18.220	ug/l	97
31) Cyclohexane	5.58	56	76707	17.067	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	59529	18.311	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55436	16.985	ug/l	99
37) Ethyl Acetate	4.84	43	81769	18.770	ug/l	97
38) Carbon Tetrachloride	5.79	117	47739	17.672	ug/l	99

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Instrument :
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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68921	17.094	ug/l	98
40) Benzene	6.14	78	173282	17.821	ug/l	99
41) Methacrylonitrile	5.04	41	47202	18.850	ug/l	99
42) 1,2-Dichloroethane	6.20	62	62371	17.893	ug/l	99
43) Isopropyl Acetate	6.45	43	128528	18.834	ug/l	100
44) Trichloroethene	7.21	130	40079	17.698	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49428	17.810	ug/l	98
46) Dibromomethane	7.66	93	27951	17.365	ug/l	98
47) Bromodichloromethane	7.90	83	54642	18.005	ug/l	99
48) Methyl methacrylate	7.77	41	64721	18.748	ug/l	98
49) 1,4-Dioxane	7.74	88	23913	369.779	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	425773	96.918	ug/l	100
52) Toluene	8.79	92	103745	18.098	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61583	18.115	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	69089	17.786	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42717	18.565	ug/l	99
56) Ethyl methacrylate	9.18	69	77651	18.651	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77132	18.668	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	201276	94.681	ug/l	100
59) 2-Hexanone	9.49	43	328225	96.138	ug/l	99
60) Dibromochloromethane	9.58	129	39711	18.315	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43217	18.041	ug/l	98
64) Tetrachloroethene	9.34	164	35990	18.651	ug/l	99
65) Chlorobenzene	10.14	112	105117	18.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	37261	18.397	ug/l	98
67) Ethyl Benzene	10.25	91	191513	17.790	ug/l	100
68) m/p-Xylenes	10.36	106	136597	35.290	ug/l	100
69) o-Xylene	10.69	106	67513	17.998	ug/l	98
70) Styrene	10.71	104	117523	18.175	ug/l	100
71) Bromoform	10.85	173	28017	18.112	ug/l #	100
73) Isopropylbenzene	11.02	105	181166	18.680	ug/l	100
74) N-amyl acetate	10.90	43	106145	18.603	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70074	18.999	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	80171	24.938	ug/l	81
77) Bromobenzene	11.26	156	43366	18.600	ug/l	99
78) n-propylbenzene	11.36	91	206165	18.257	ug/l	99
79) 2-Chlorotoluene	11.42	91	123418	18.060	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	151583	18.620	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21605	18.525	ug/l	94
82) 4-Chlorotoluene	11.51	91	140929	17.816	ug/l	99
83) tert-Butylbenzene	11.77	119	141801	18.105	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	154608	18.756	ug/l	99
85) sec-Butylbenzene	11.94	105	171869	18.474	ug/l	98
86) p-Isopropyltoluene	12.06	119	155142	18.580	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74885	17.942	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	74826	17.704	ug/l	99
89) n-Butylbenzene	12.38	91	142653	18.217	ug/l	100
90) Hexachloroethane	12.60	117	24867	17.956	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	74616	18.005	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14637	18.040	ug/l	98

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Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

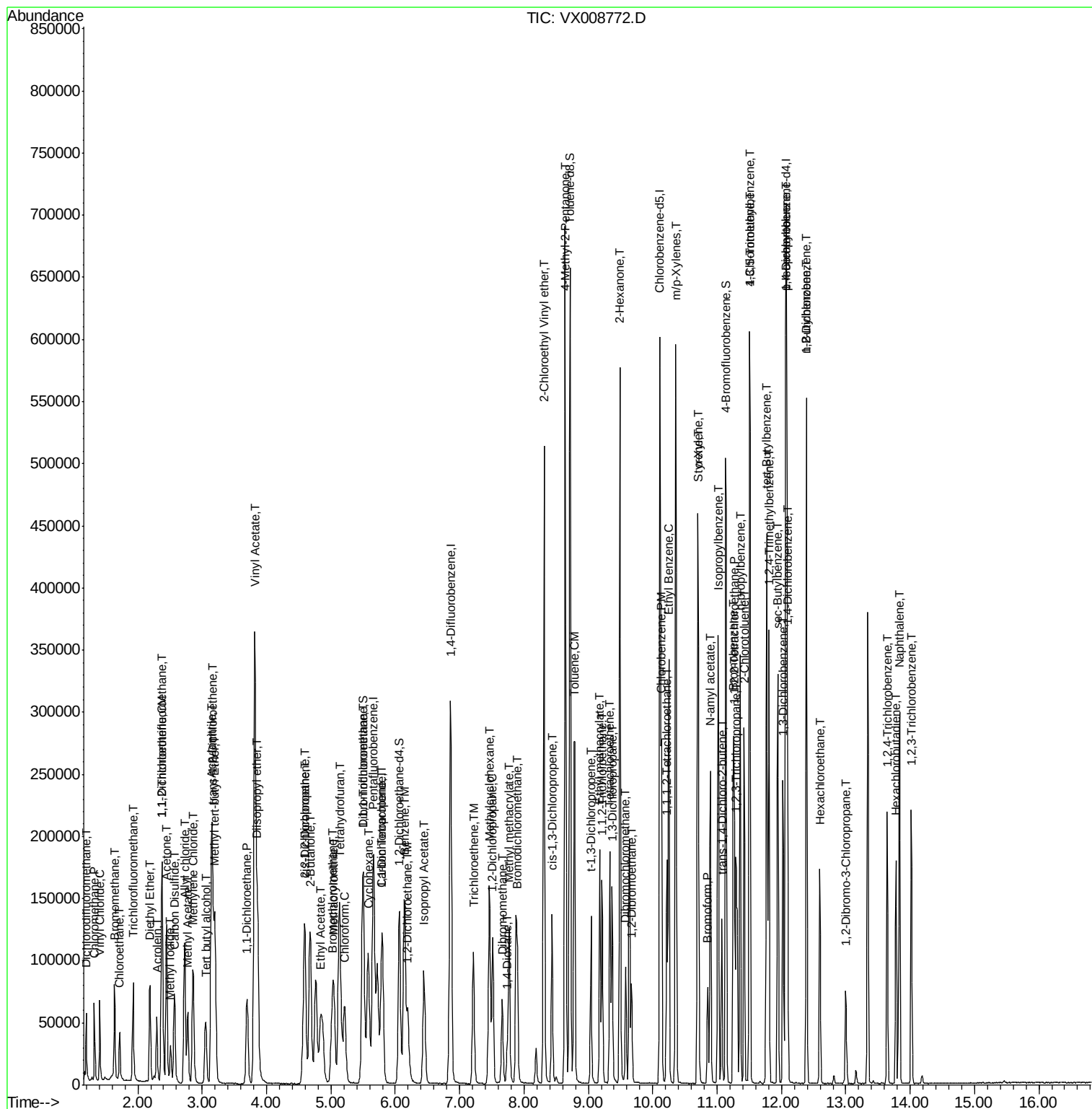
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51550	17.891	ug/l	99
94) Hexachlorobutadiene	13.78	225	26192	18.954	ug/l	99
95) Naphthalene	13.83	128	176829	18.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52322	18.175	ug/l	98

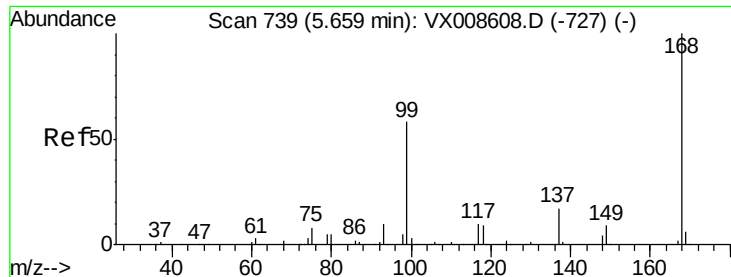
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

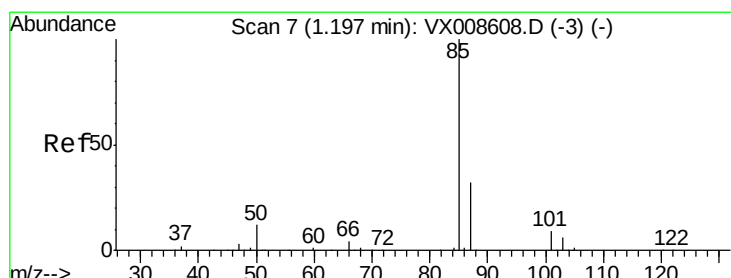
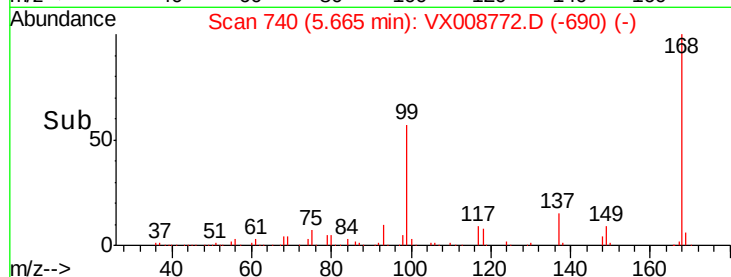
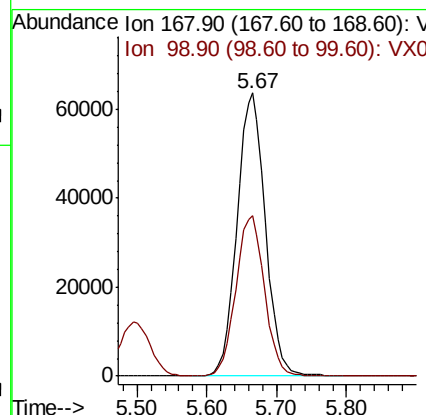
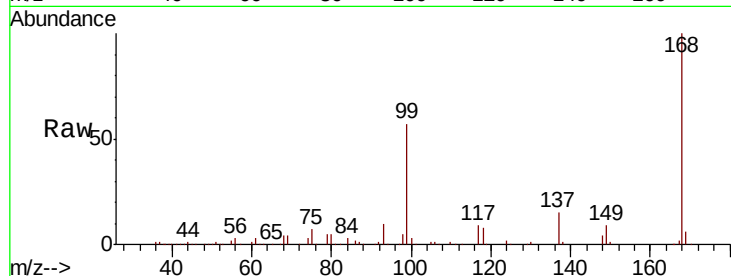




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

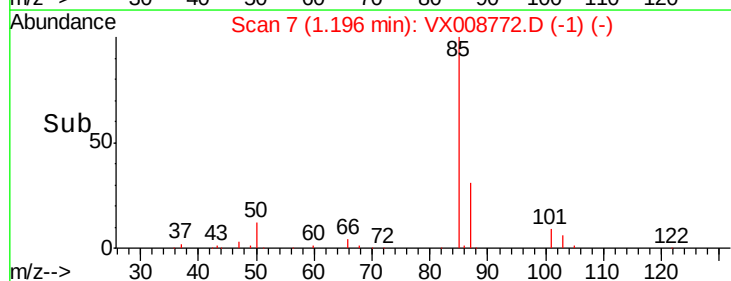
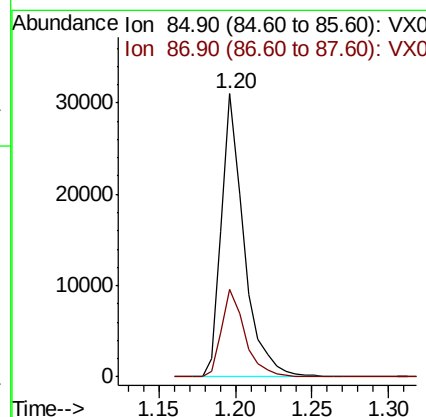
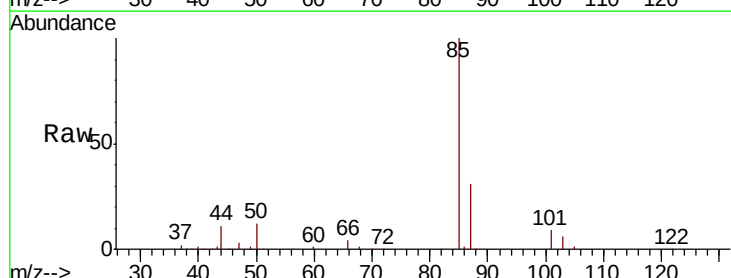
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

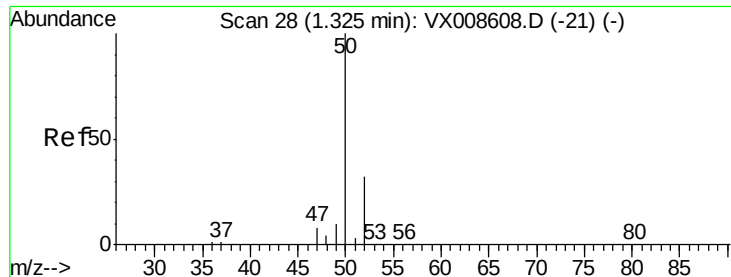
Tgt Ion: 168 Resp: 178348
Ion Ratio Lower Upper
168 100
99 56.4 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 15.510 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 85 Resp: 31841
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.3





#3

Chloromethane

Concen: 16.799 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

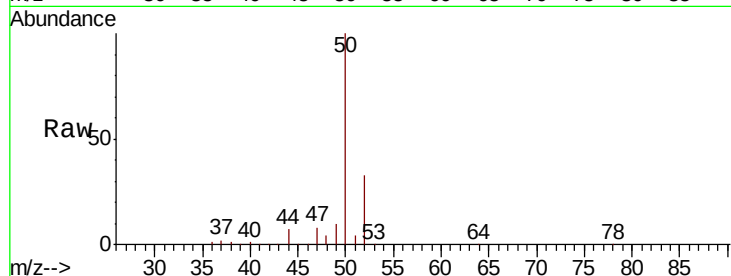
VX0409WBS02

Tgt Ion: 50 Resp: 45088

Ion Ratio Lower Upper

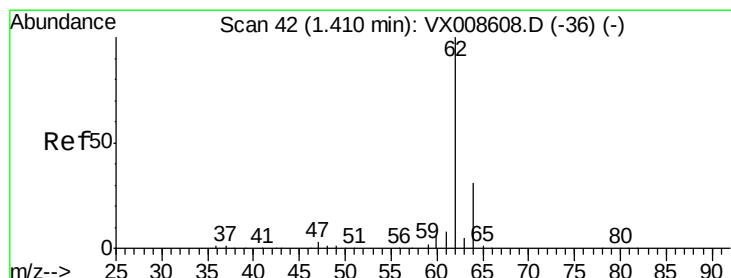
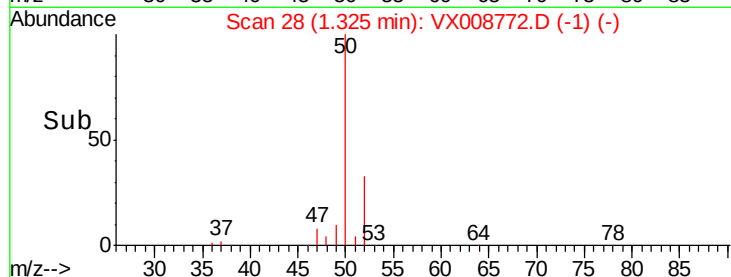
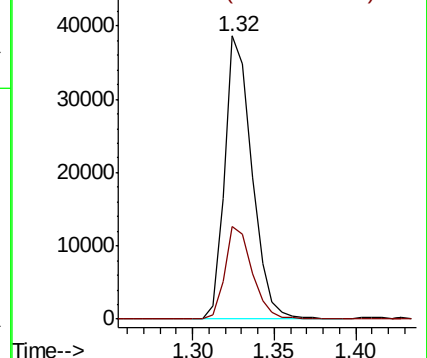
50 100

52 32.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.237 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008772.D

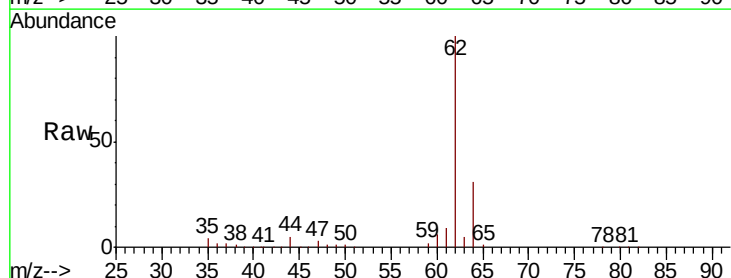
Acq: 09 Apr 2019 15:48

Tgt Ion: 62 Resp: 45061

Ion Ratio Lower Upper

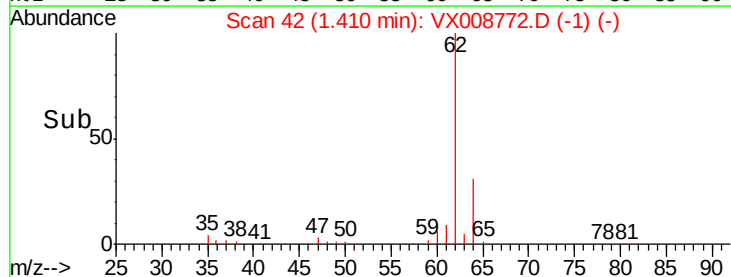
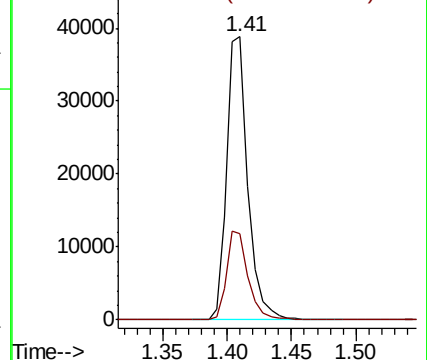
62 100

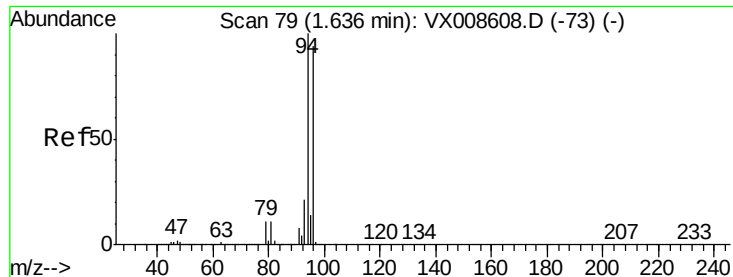
64 30.4 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.524 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

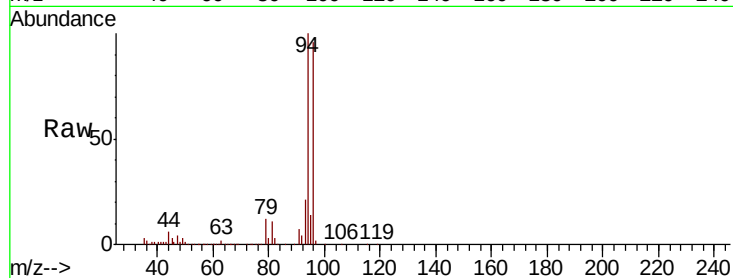
VX0409WBS02

Tgt Ion: 94 Resp: 25059

Ion Ratio Lower Upper

94 100

96 96.4 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

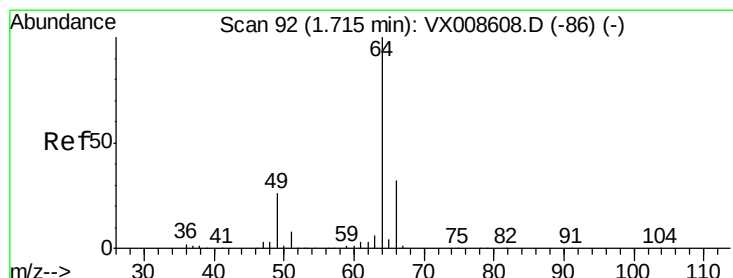
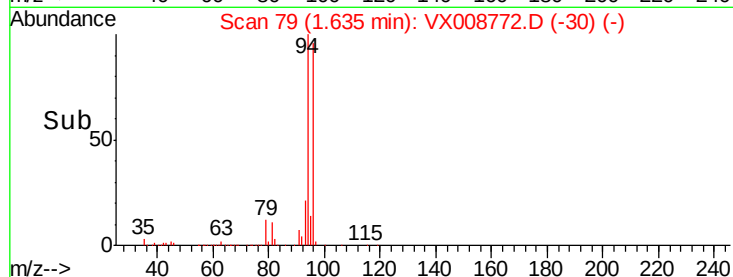
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 16.509 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008772.D

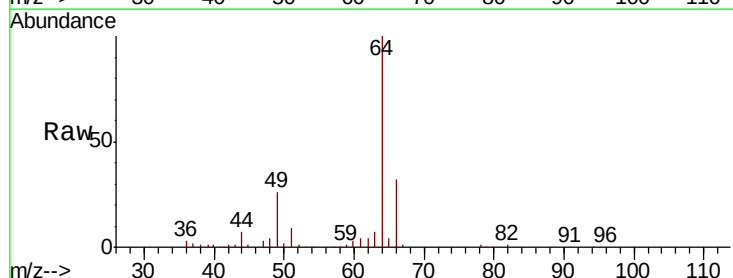
Acq: 09 Apr 2019 15:48

Tgt Ion: 64 Resp: 28095

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

20000

15000

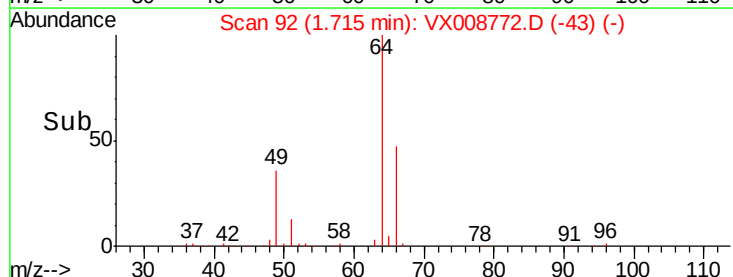
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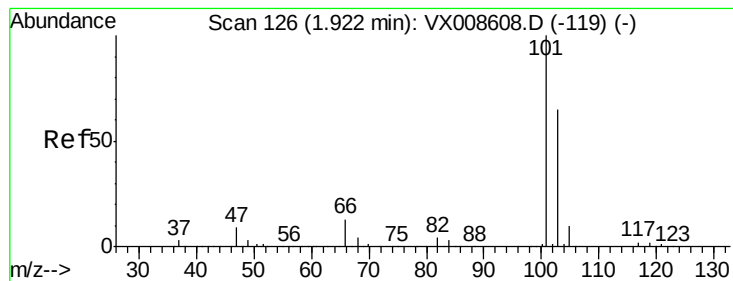
5000

0

Time-->

1.65 1.70 1.75 1.80



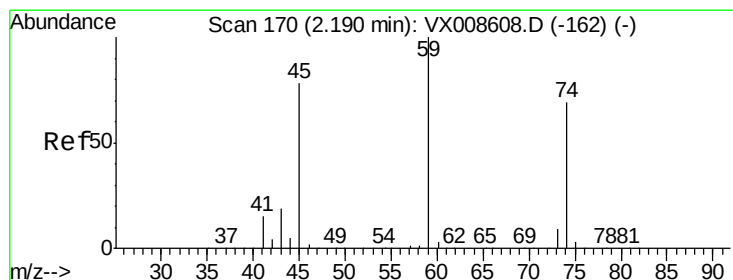
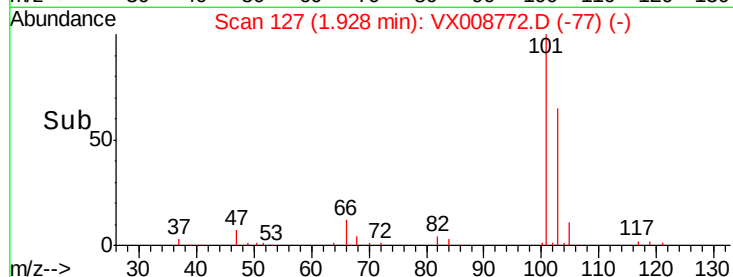
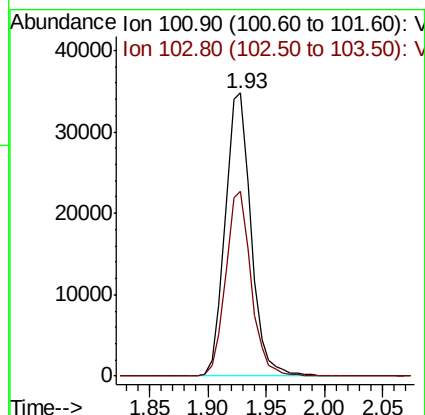
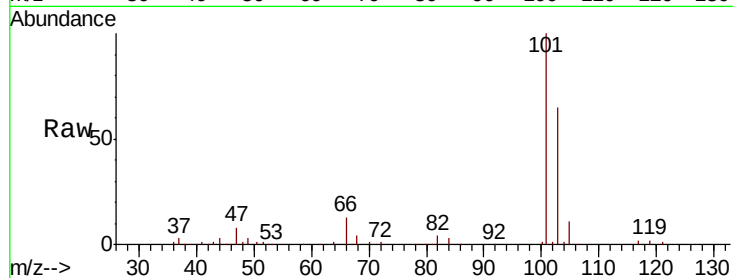


#7

Trichlorofluoromethane
 Concen: 17.355 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

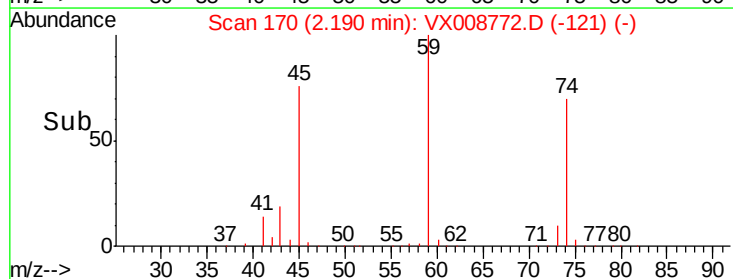
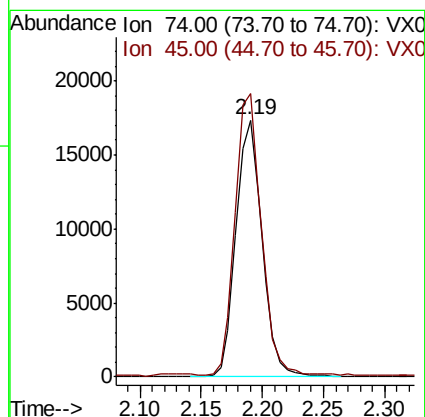
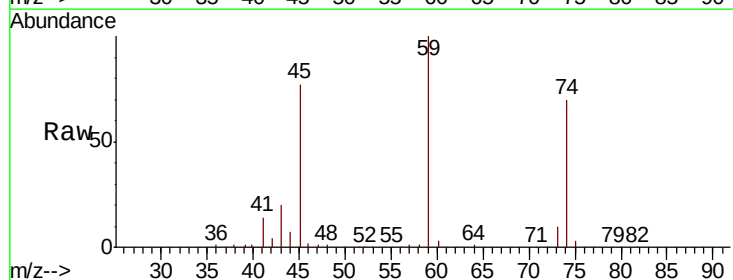
Tgt Ion:101 Resp: 53242
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5

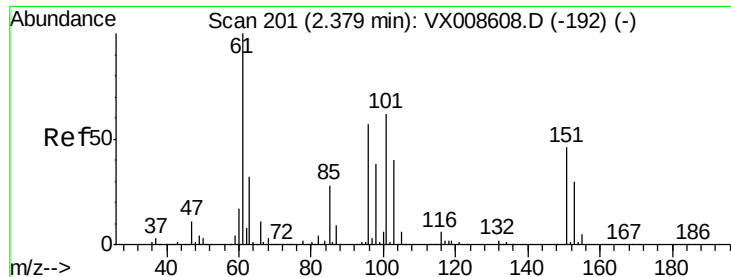


#8

Diethyl Ether
 Concen: 17.605 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 74 Resp: 25611
 Ion Ratio Lower Upper
 74 100
 45 109.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.612 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

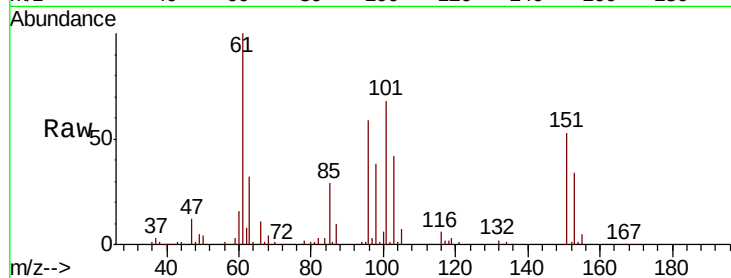
Tgt Ion:101 Resp: 34786

Ion Ratio Lower Upper

101 100

85 45.4 36.0 54.0

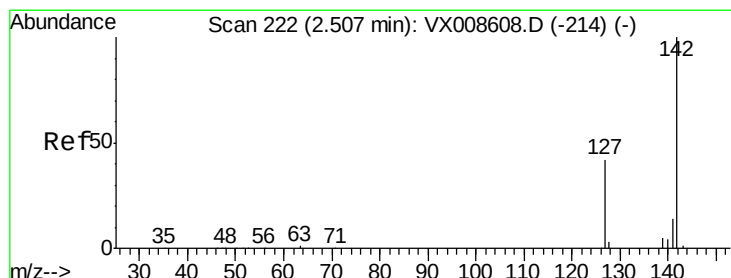
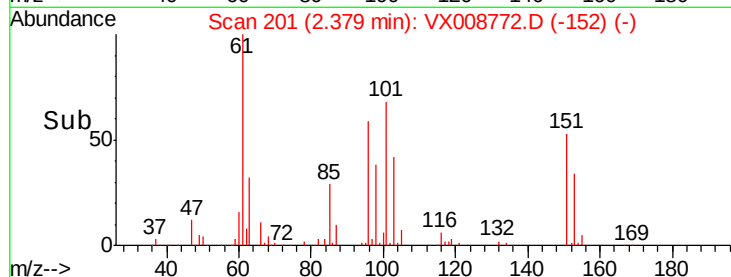
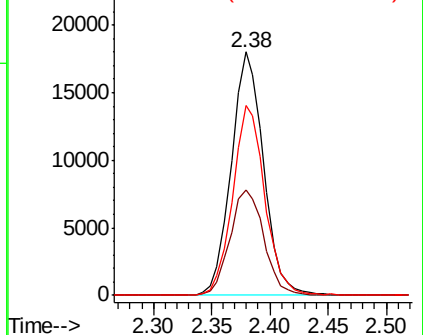
151 77.9 59.9 89.9



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: 20.663 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

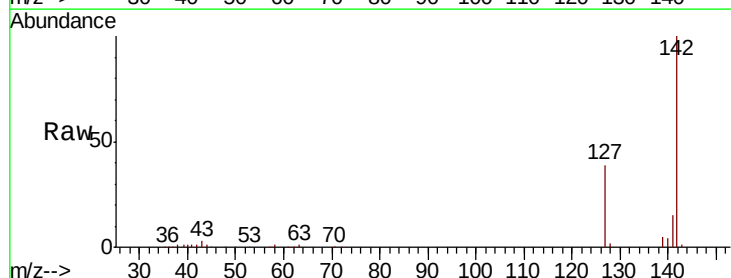
Tgt Ion:142 Resp: 32577

Ion Ratio Lower Upper

142 100

127 40.3 33.0 49.6

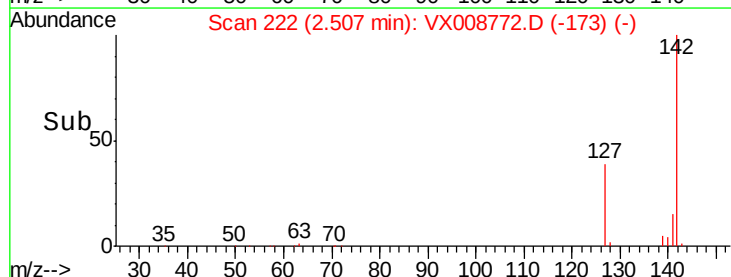
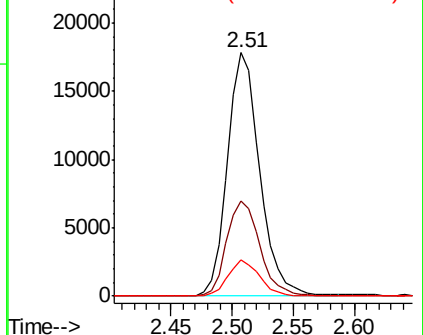
141 14.3 11.4 17.2

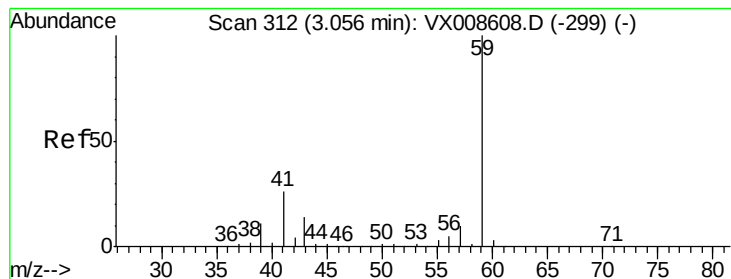


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



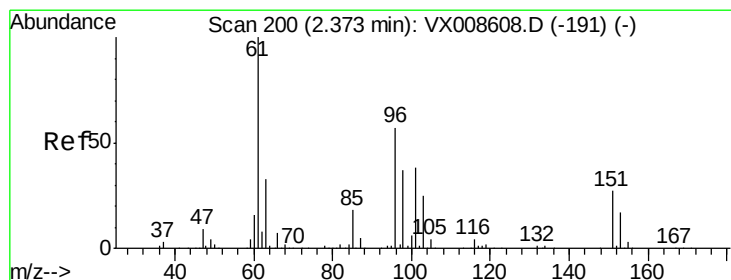
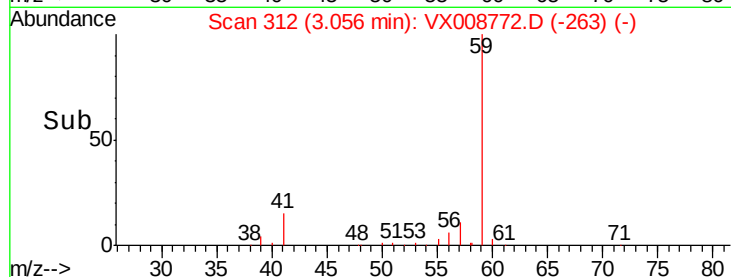
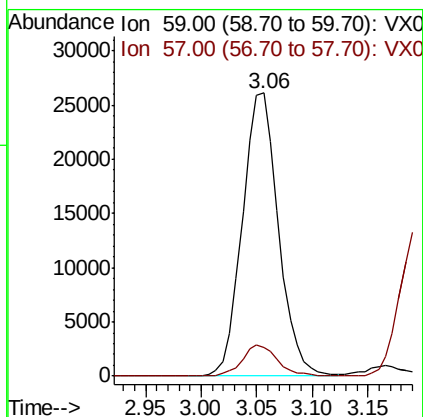
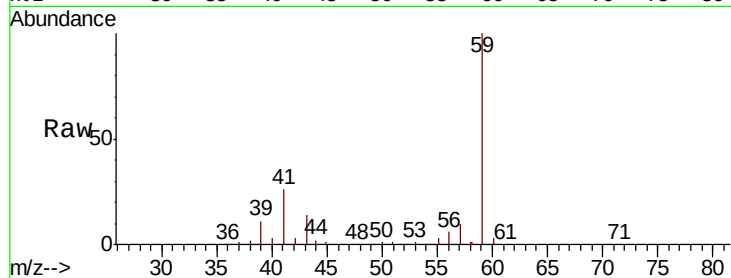


#11

Tert butyl alcohol
 Concen: 96.777 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

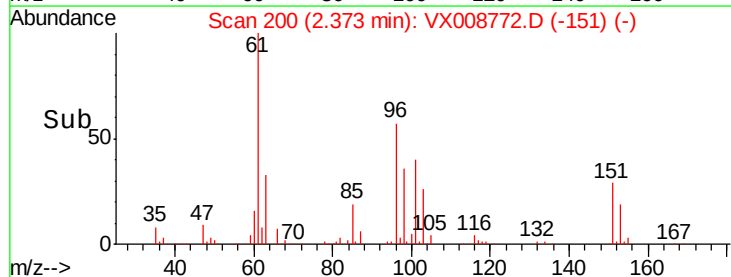
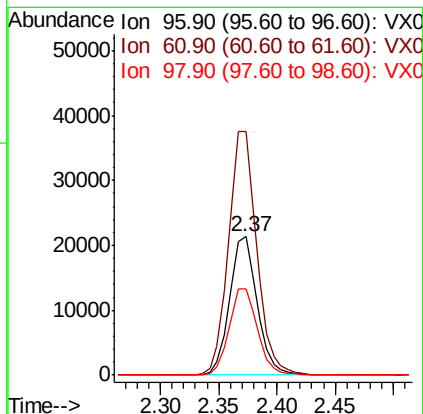
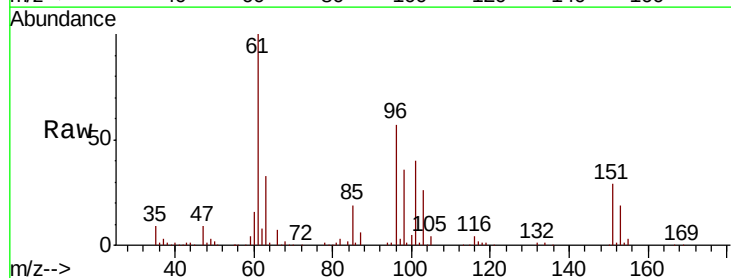
Tgt Ion: 59 Resp: 58937
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.3 12.5

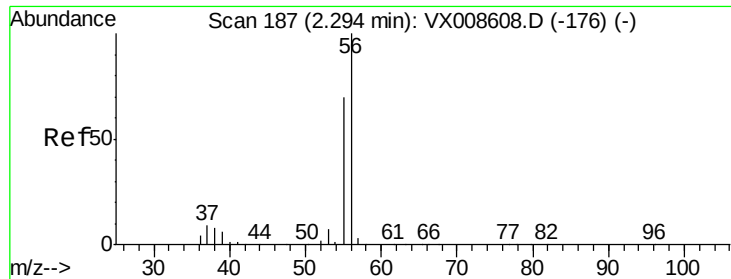


#12

1,1-Dichloroethene
 Concen: 17.135 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 96 Resp: 35329
 Ion Ratio Lower Upper
 96 100
 61 176.0 140.9 211.3
 98 62.6 52.1 78.1





#13

Acrolein

Concen: 125.928 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

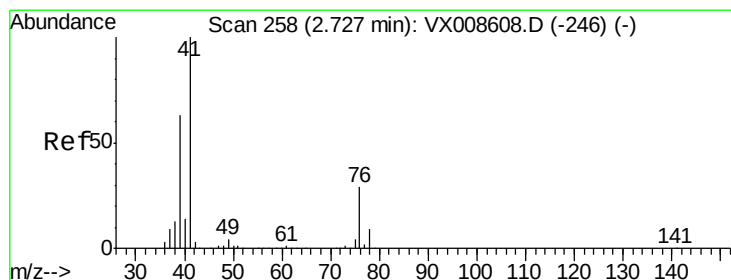
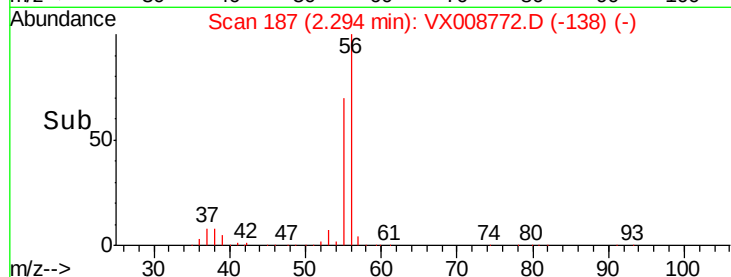
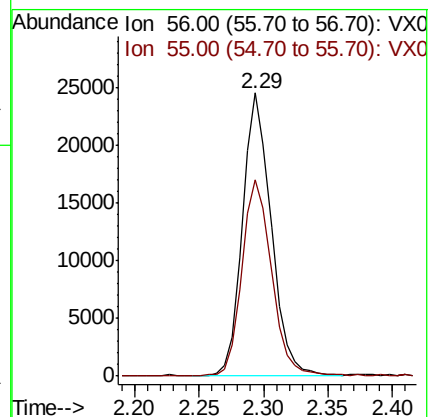
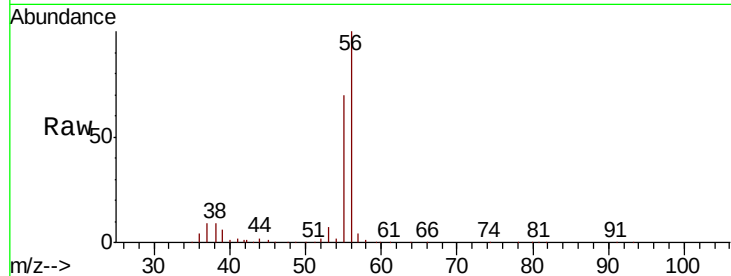
VX0409WBS02

Tgt Ion: 56 Resp: 38027

Ion Ratio Lower Upper

56 100

55 71.8 58.0 87.0



#14

Allyl chloride

Concen: 17.700 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

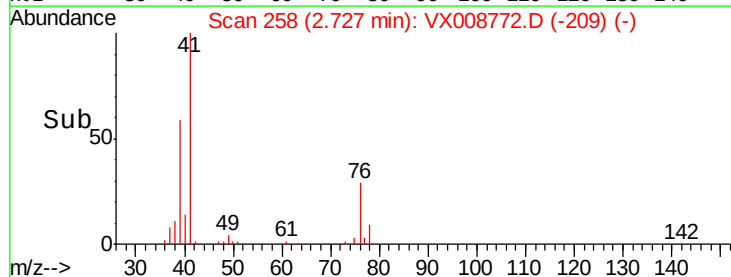
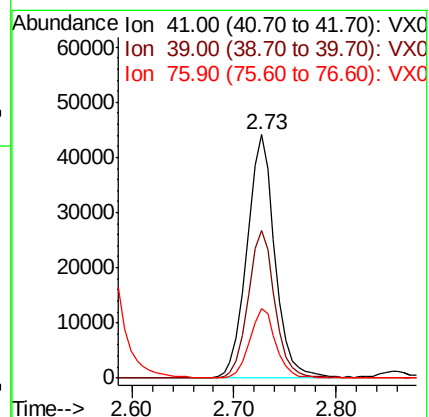
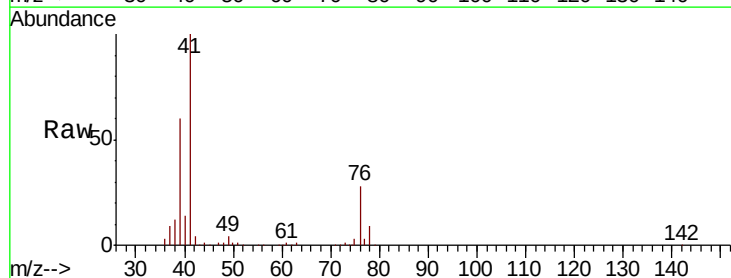
Tgt Ion: 41 Resp: 83546

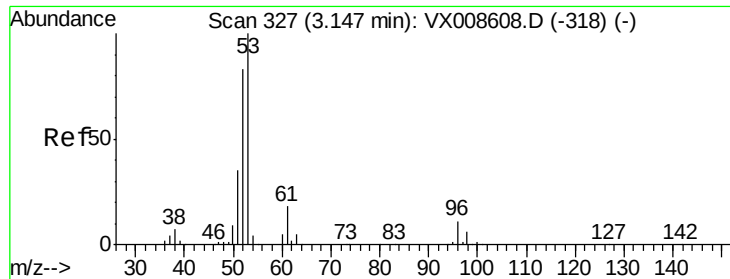
Ion Ratio Lower Upper

41 100

39 58.6 48.0 72.0

76 27.1 22.0 33.0





#15

Acrylonitrile

Concen: 93.105 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

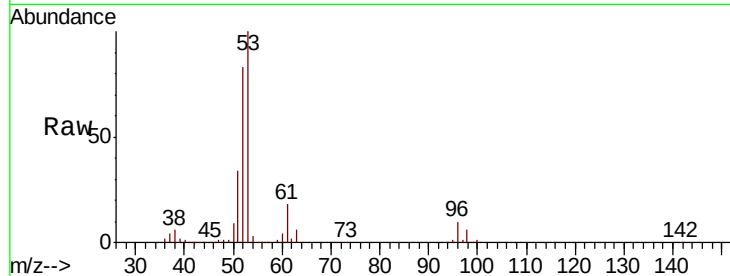
Tgt Ion: 53 Resp: 150210

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

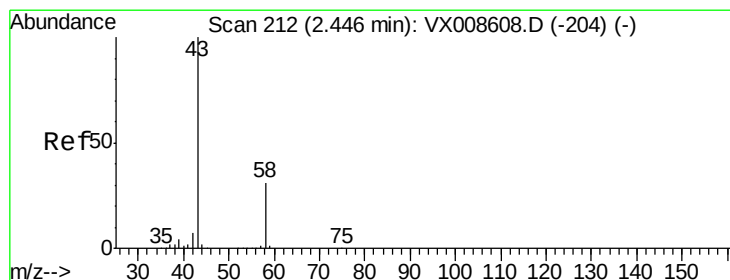
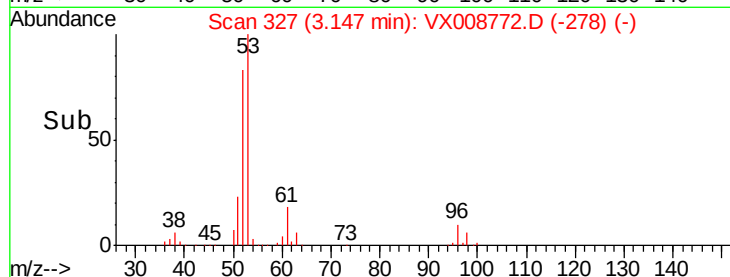
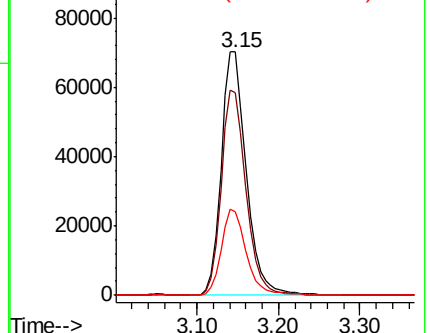
51 35.2 28.6 42.8



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: 92.374 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008772.D

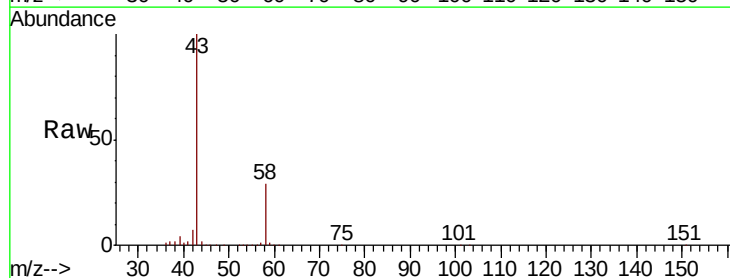
Acq: 09 Apr 2019 15:48

Tgt Ion: 43 Resp: 138402

Ion Ratio Lower Upper

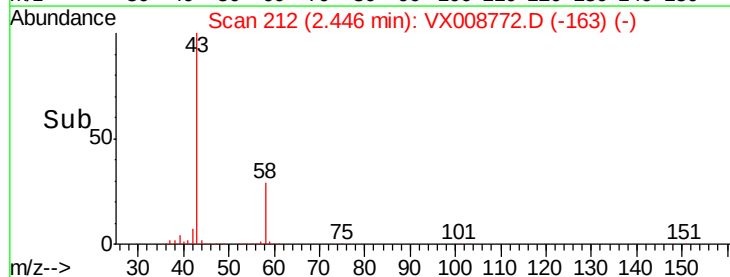
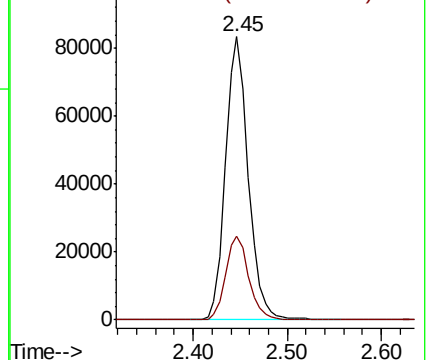
43 100

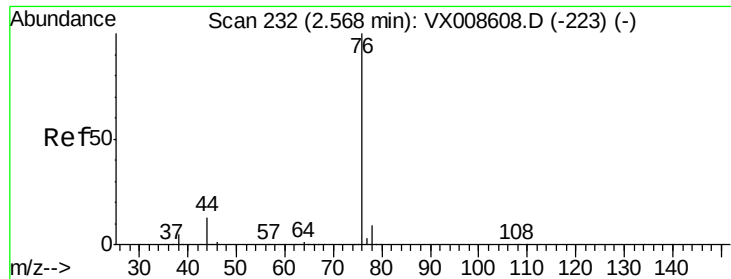
58 29.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.769 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

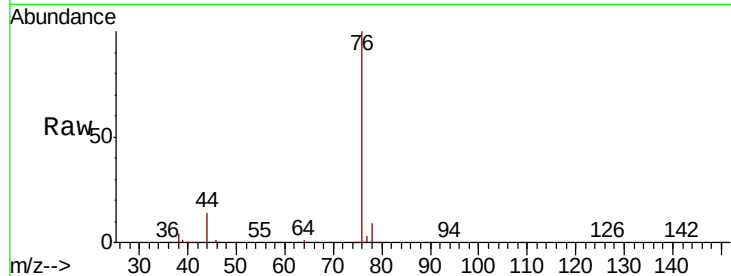
VX0409WBS02

Tgt Ion: 76 Resp: 96905

Ion Ratio Lower Upper

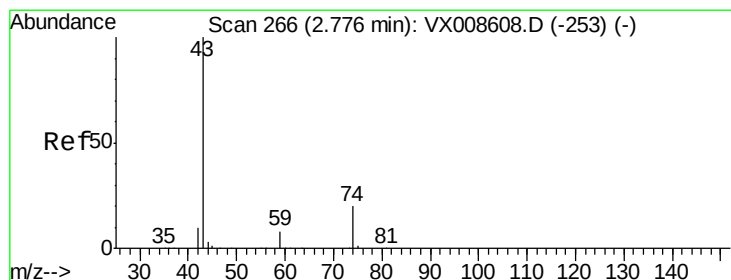
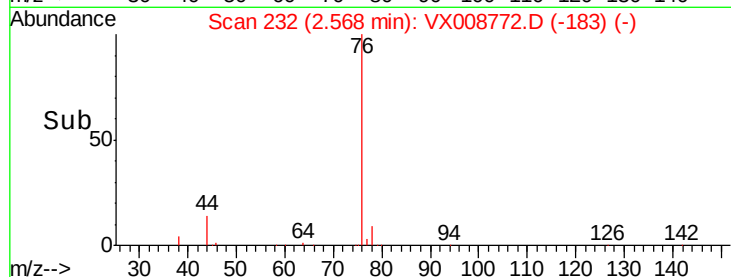
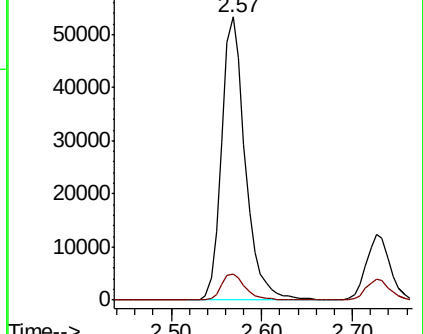
76 100

78 9.1 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: 19.105 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008772.D

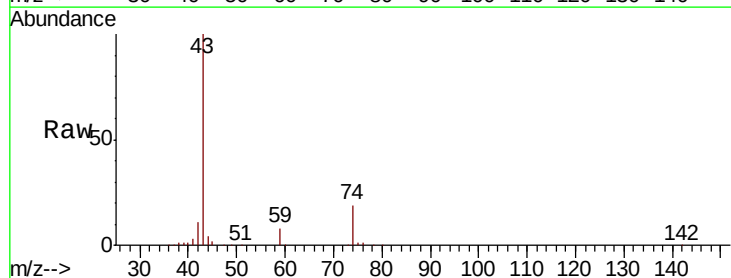
Acq: 09 Apr 2019 15:48

Tgt Ion: 43 Resp: 69423

Ion Ratio Lower Upper

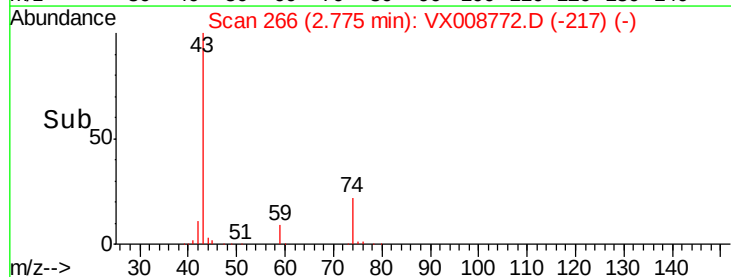
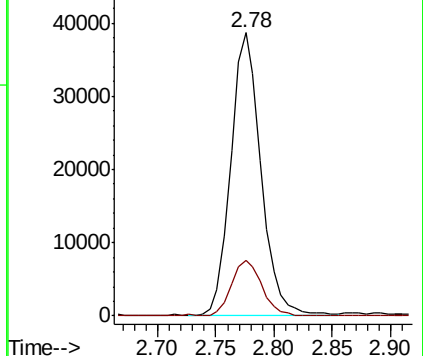
43 100

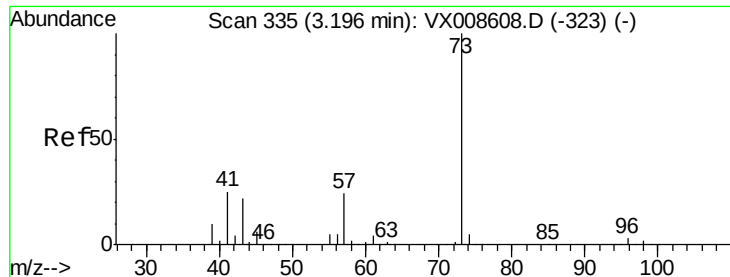
74 20.1 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



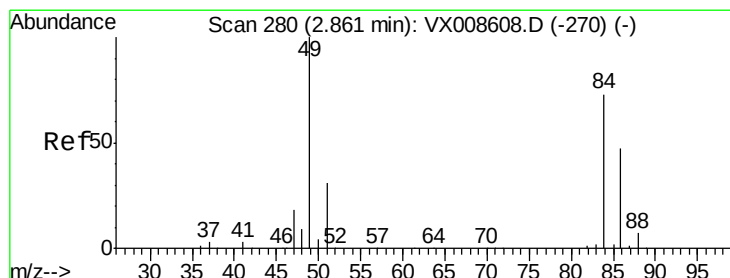
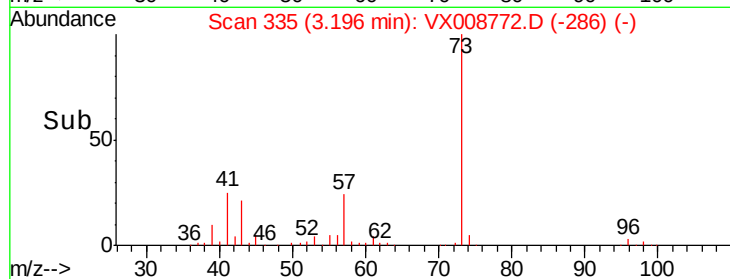
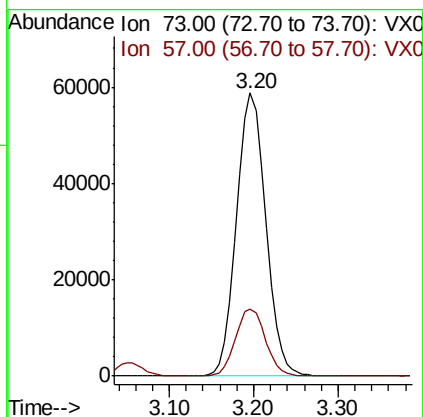
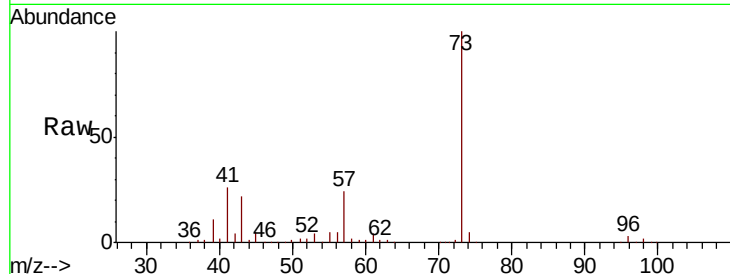


#19

Methyl tert-butyl Ether
 Concen: 18.761 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

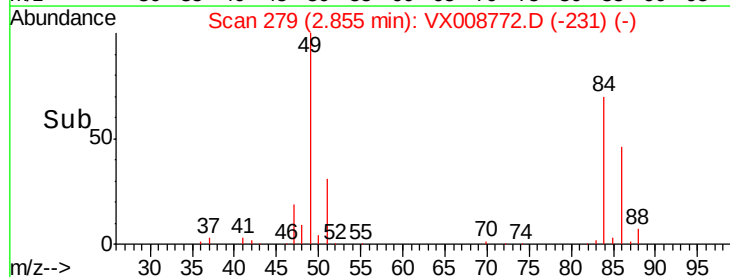
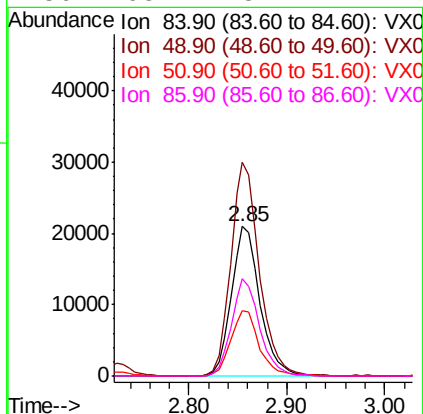
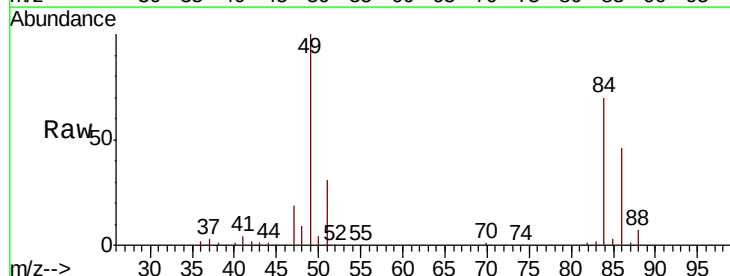
Tgt Ion: 73 Resp: 138145
 Ion Ratio Lower Upper
 73 100
 57 23.6 19.5 29.3

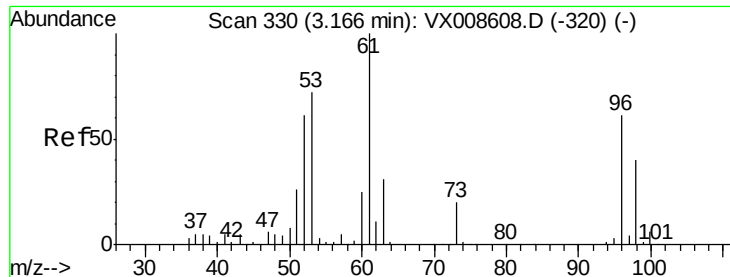


#20

Methylene Chloride
 Concen: 16.873 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 84 Resp: 42316
 Ion Ratio Lower Upper
 84 100
 49 142.9 109.7 164.5
 51 43.7 33.6 50.4
 86 65.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.022 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

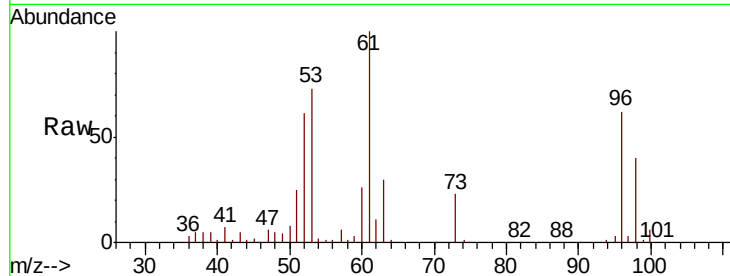
Tgt Ion: 96 Resp: 37962

Ion Ratio Lower Upper

96 100

61 161.4 132.1 198.1

98 64.9 52.2 78.2

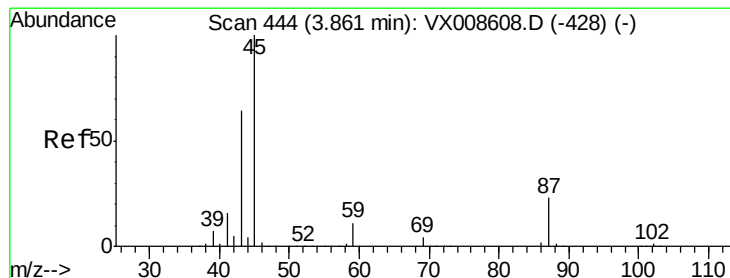
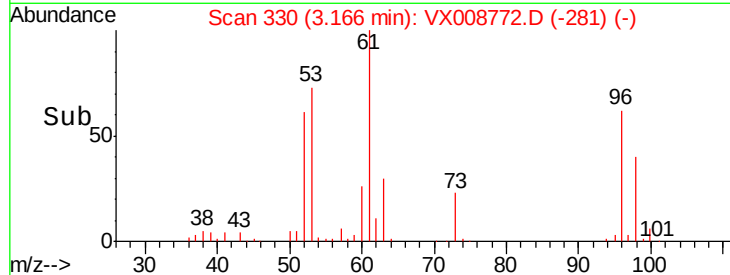
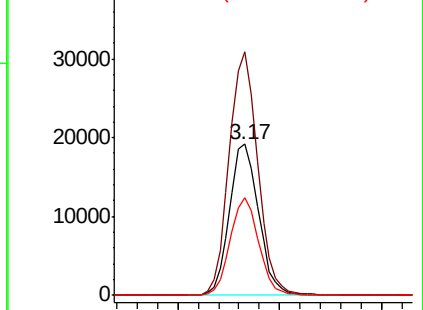


Abundance

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: 18.435 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Tgt Ion: 45 Resp: 167712

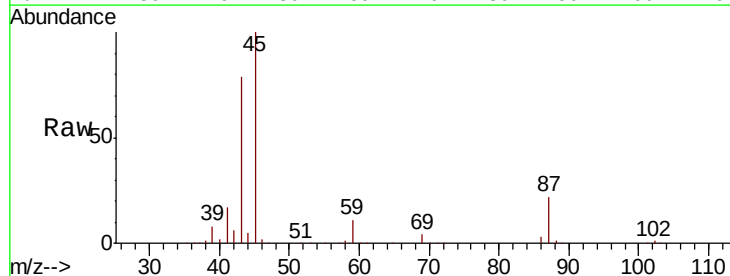
Ion Ratio Lower Upper

45 100

43 78.6 51.3 76.9#

87 21.8 18.1 27.1

59 10.7 8.6 13.0



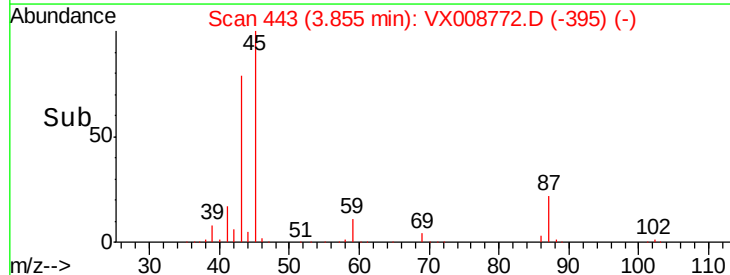
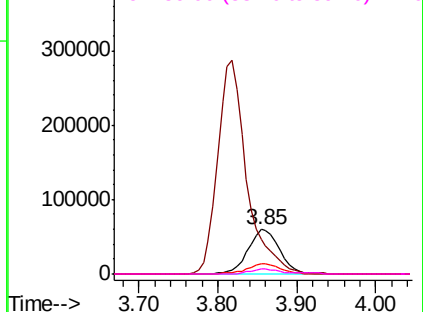
Abundance

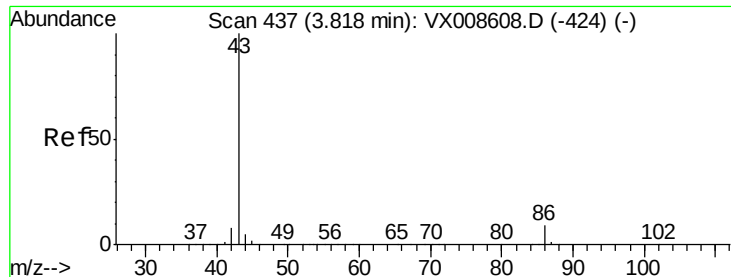
Ion 45.00 (44.70 to 45.70): VX0

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: 93.395 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

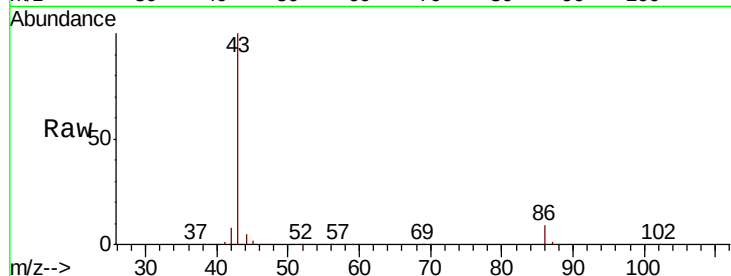
VX0409WBS02

Tgt Ion: 43 Resp: 739158

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

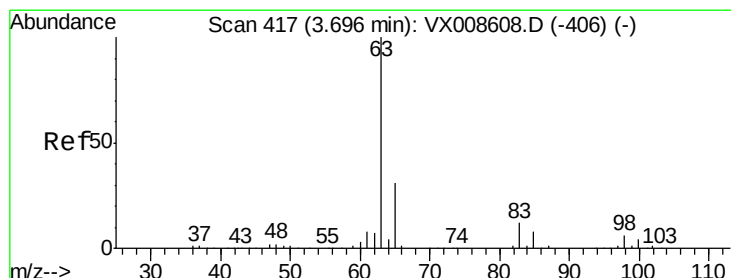
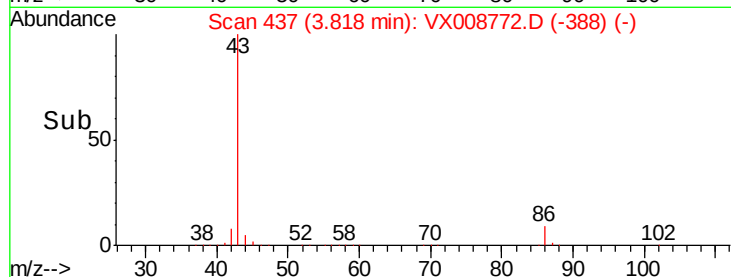
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.000 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

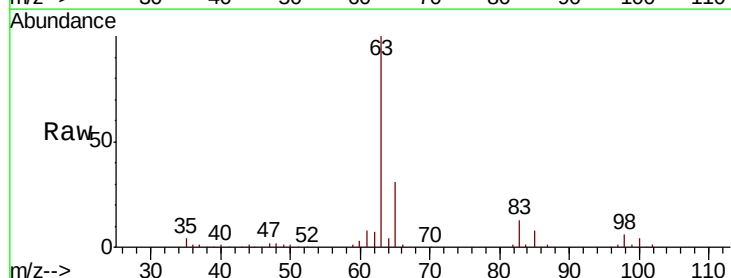
Tgt Ion: 63 Resp: 81079

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 4.1 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

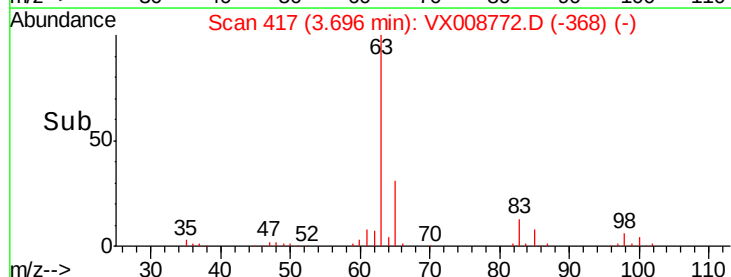
30000

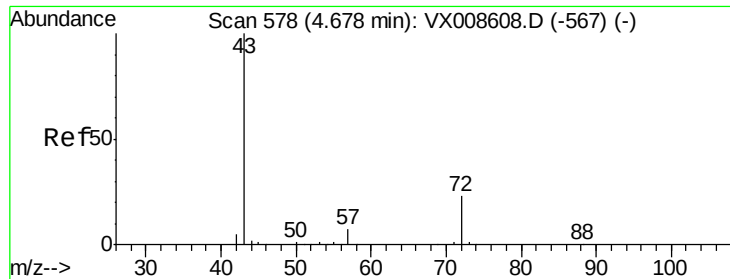
20000

10000

0

Time-->





#25

2-Butanone

Concen: 95.815 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

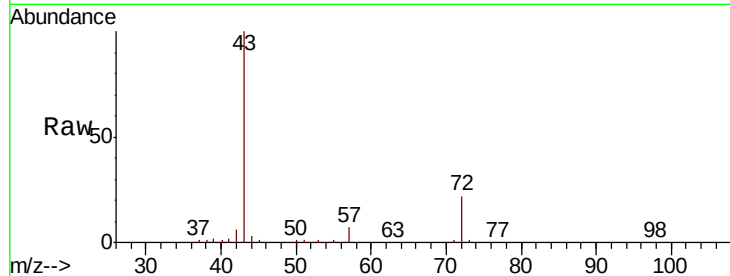
VX0409WBS02

Tgt Ion: 43 Resp: 226896

Ion Ratio Lower Upper

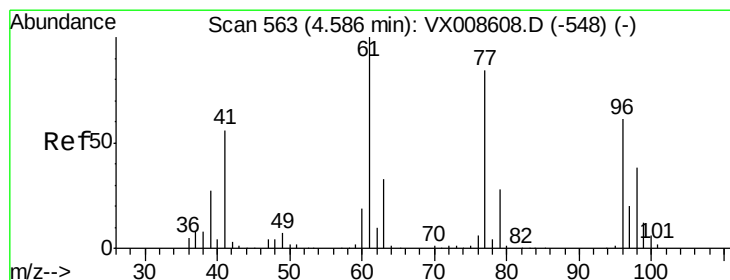
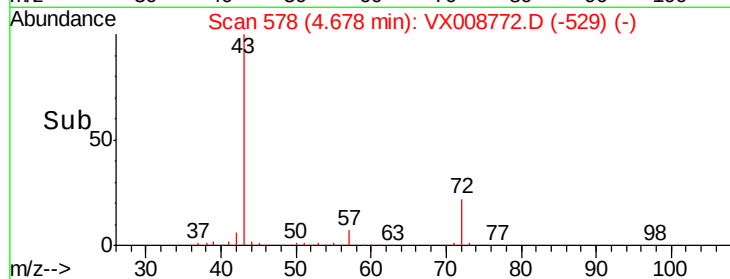
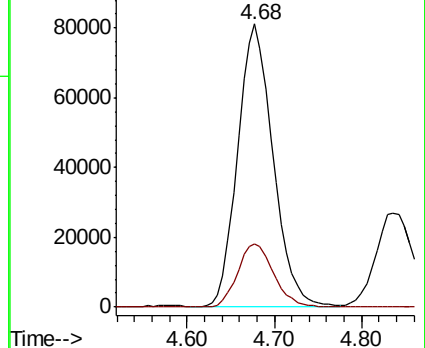
43 100

72 22.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.979 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008772.D

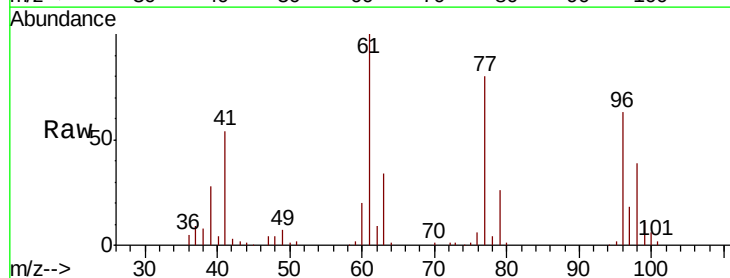
Acq: 09 Apr 2019 15:48

Tgt Ion: 77 Resp: 57039

Ion Ratio Lower Upper

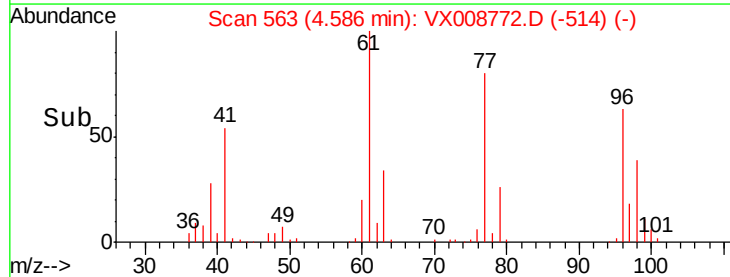
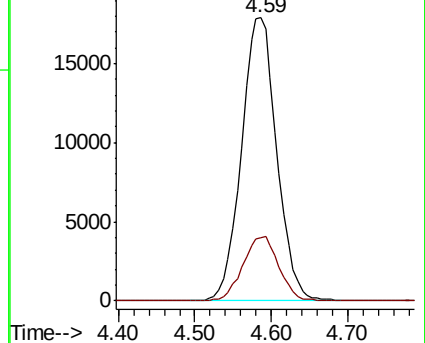
77 100

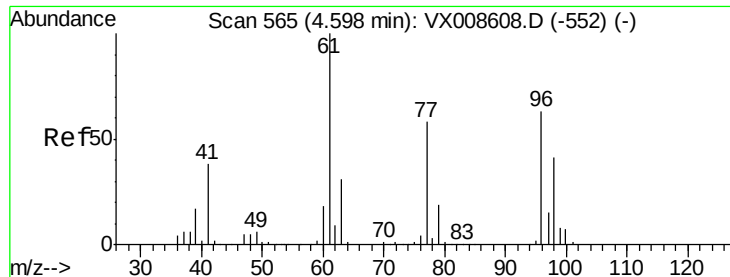
97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



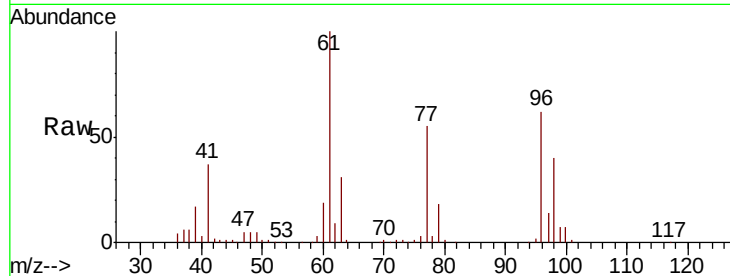


#27

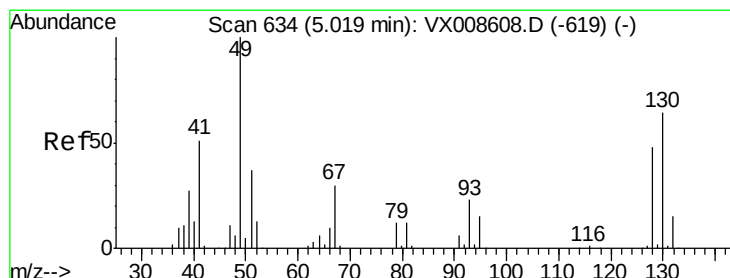
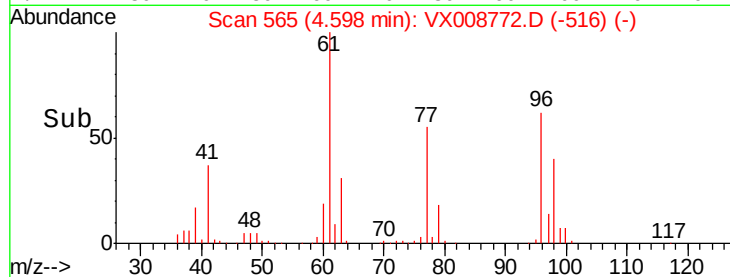
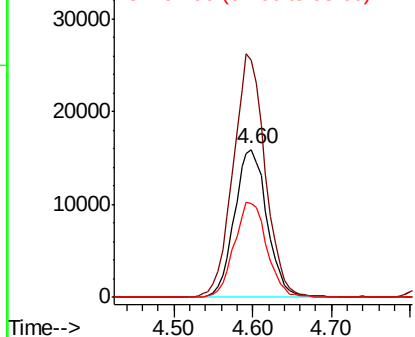
cis-1,2-Dichloroethene
 Concen: 17.812 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion: 96 Resp: 45672
 Ion Ratio Lower Upper
 96 100
 61 162.1 0.0 327.6
 98 64.1 0.0 128.6



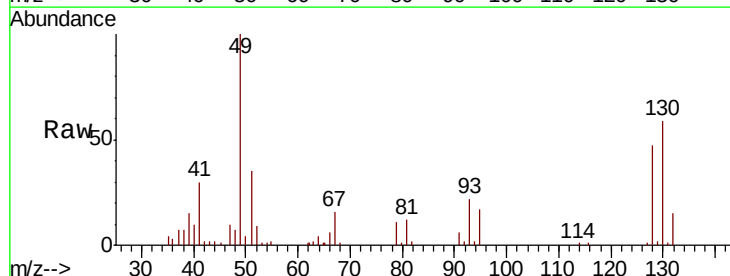
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



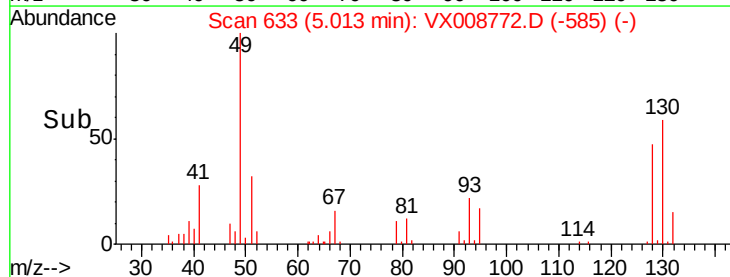
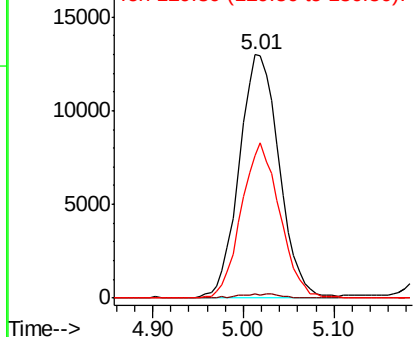
#28

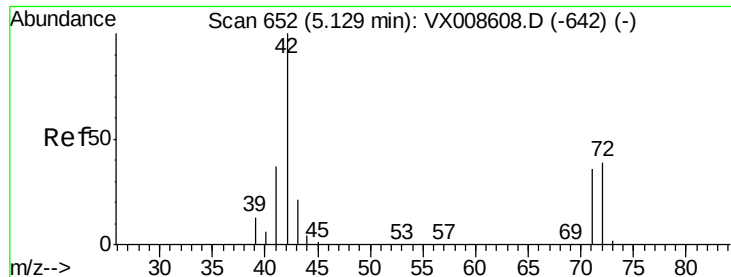
Bromochloromethane
 Concen: 19.255 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 49 Resp: 39730
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 61.2 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

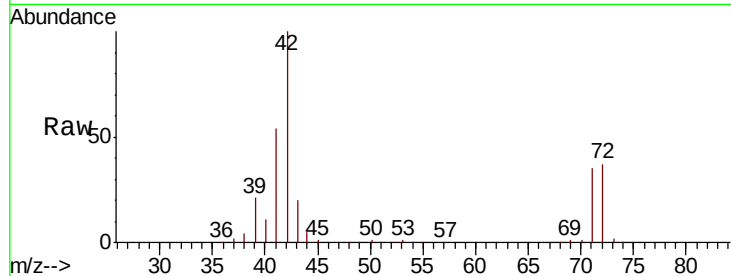




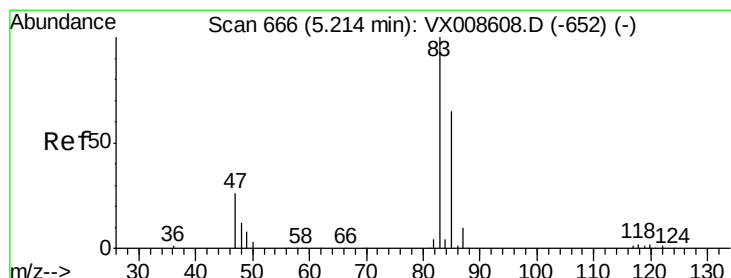
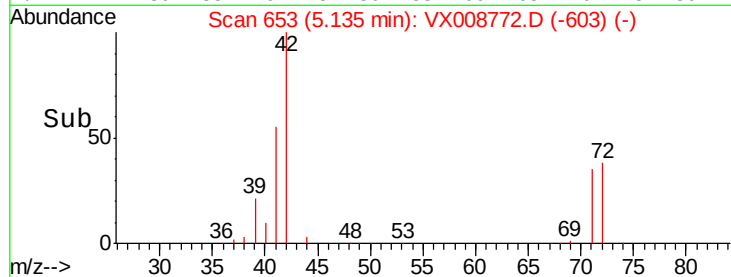
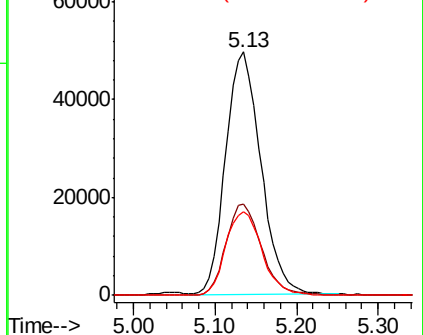
#29
Tetrahydrofuran
Concen: 94.704 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion: 42 Resp: 148851
Ion Ratio Lower Upper
42 100
72 37.8 30.5 45.7
71 35.3 28.6 43.0

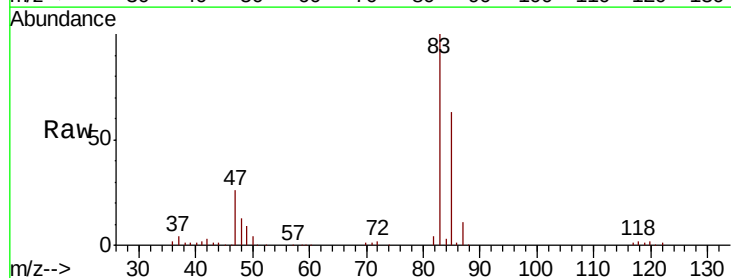


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

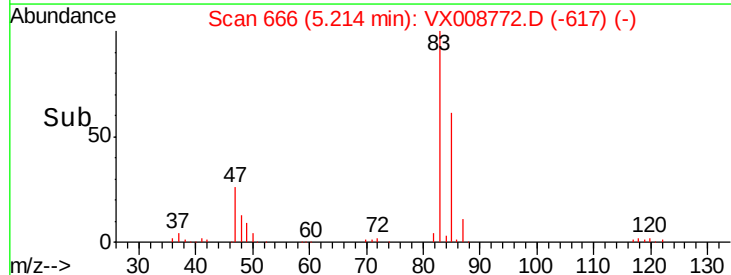
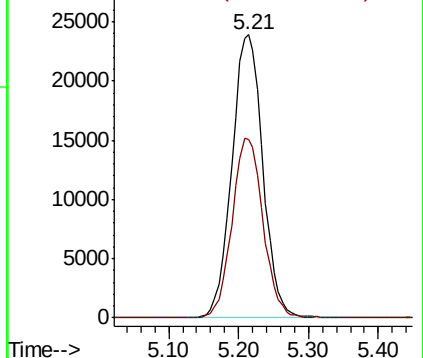


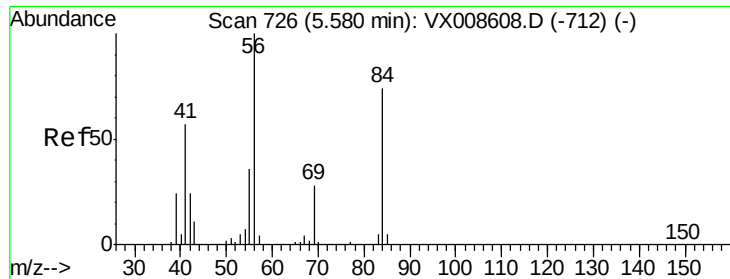
#30
Chloroform
Concen: 18.220 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 83 Resp: 73301
Ion Ratio Lower Upper
83 100
85 62.8 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

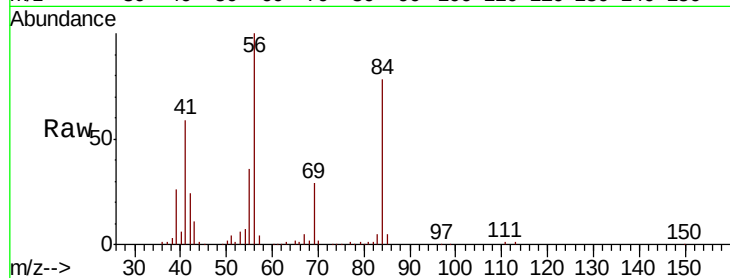




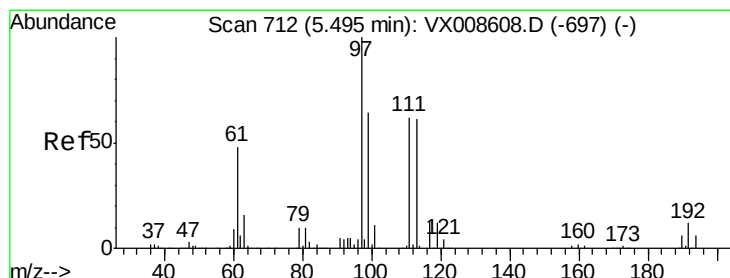
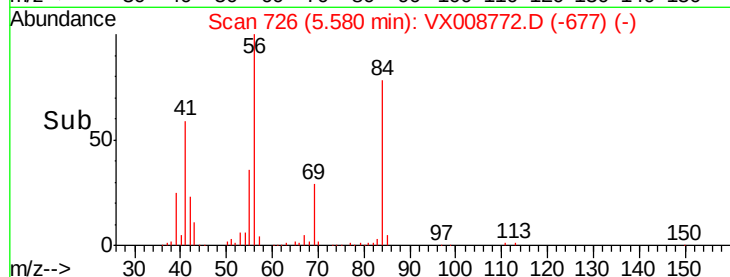
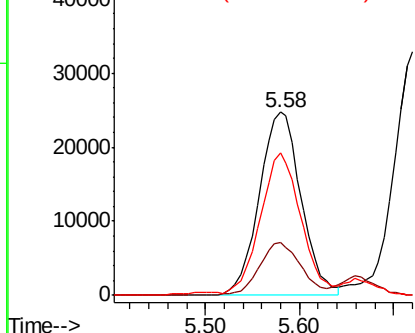
#31
Cyclohexane
Concen: 17.067 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion: 56 Resp: 76707
Ion Ratio Lower Upper
56 100
69 29.0 22.6 33.8
84 76.4 59.3 88.9

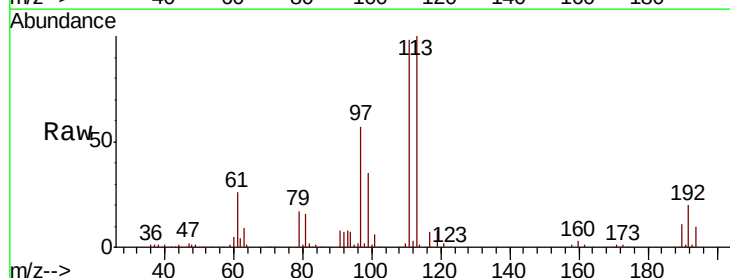


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

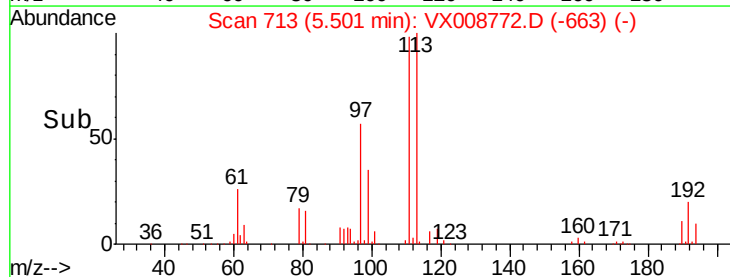
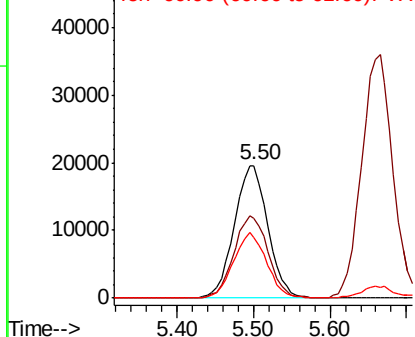


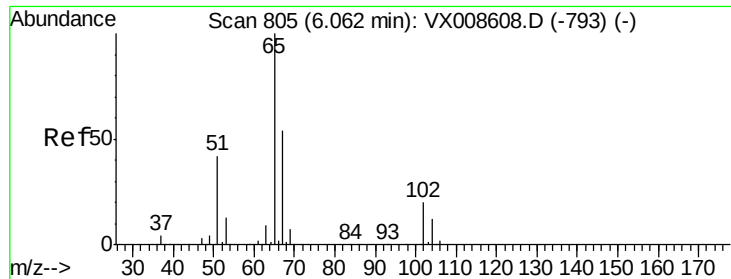
#32
1,1,1-Trichloroethane
Concen: 18.311 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 97 Resp: 59529
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 48.5 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

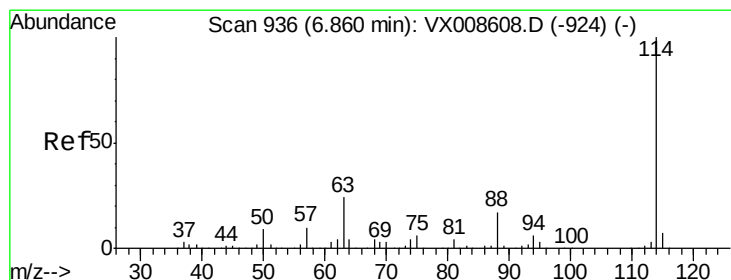
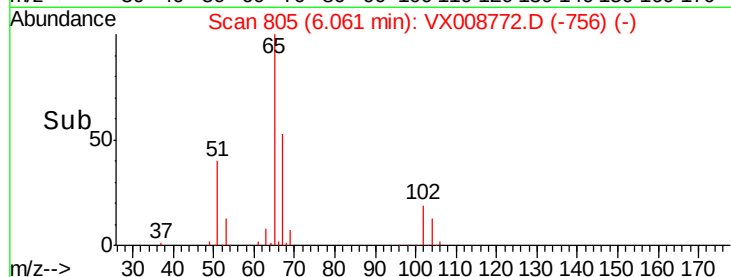
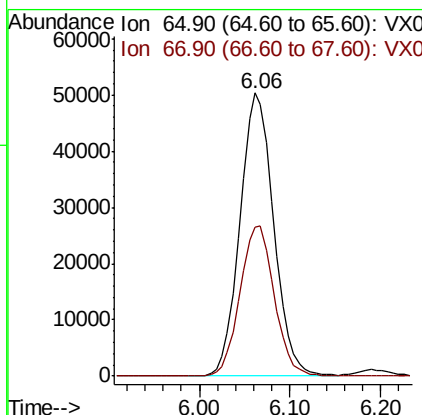
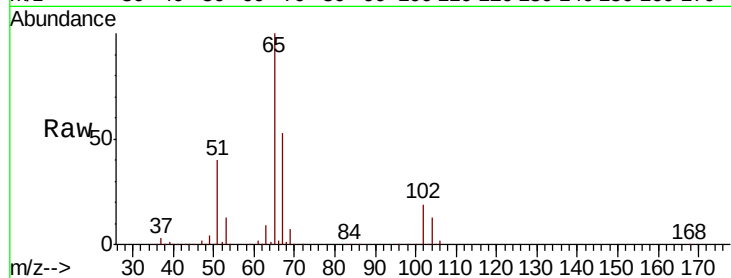




#33
 1,2-Dichloroethane-d4
 Concen: 49.832 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

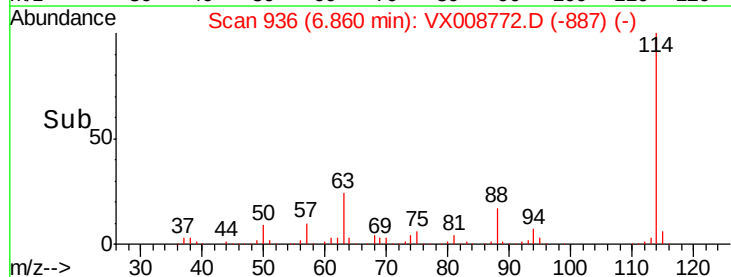
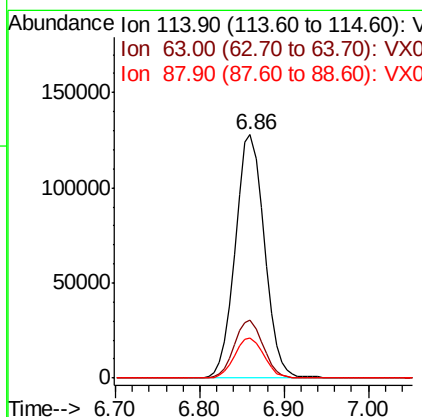
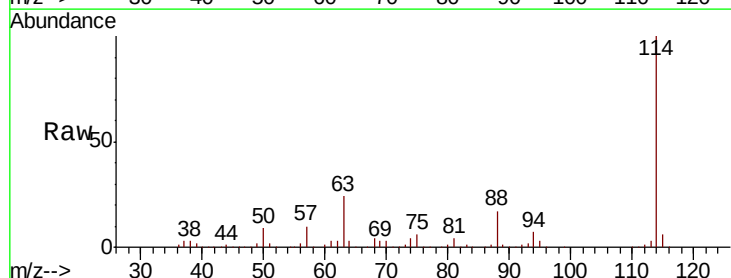
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

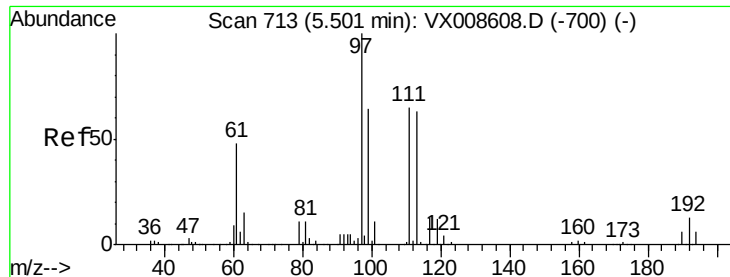
Tgt Ion: 65 Resp: 129628
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 114 Resp: 298581
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.2
 88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.037 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

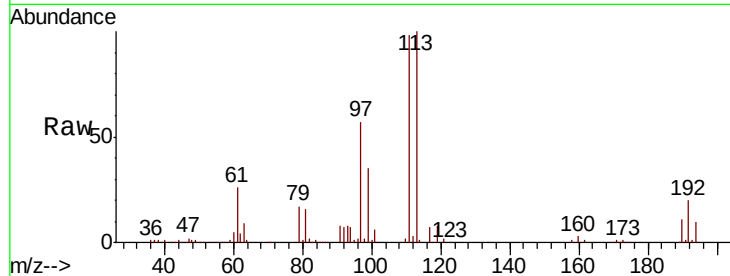
Tgt Ion:113 Resp: 95522

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

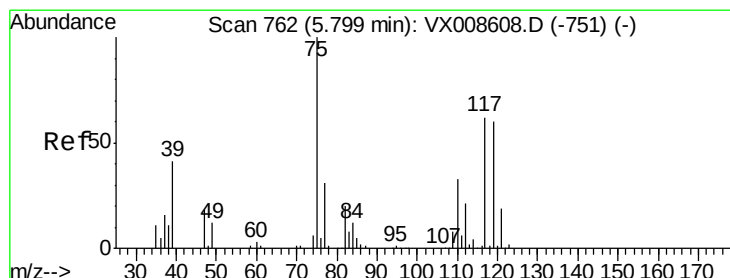
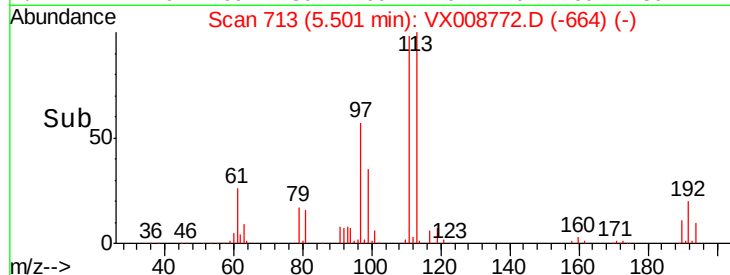
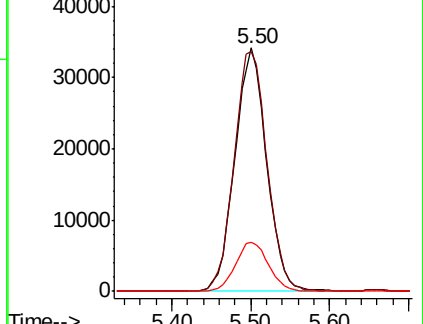
192 21.0 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.985 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

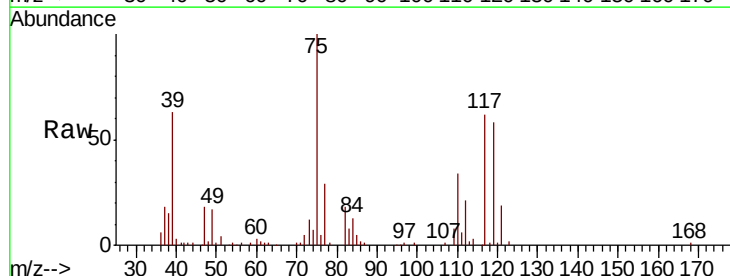
Tgt Ion: 75 Resp: 55436

Ion Ratio Lower Upper

75 100

110 33.4 16.4 49.2

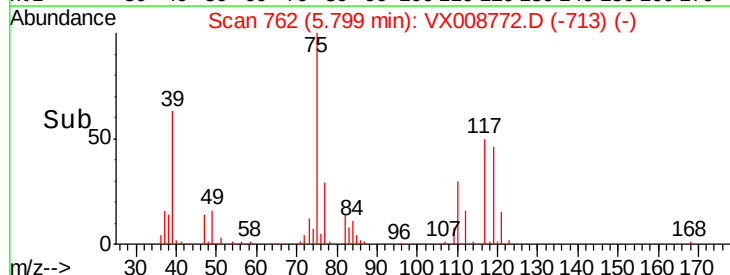
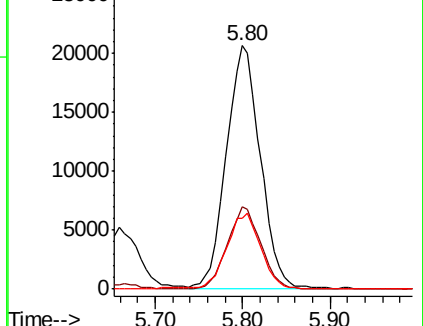
77 31.4 24.7 37.1

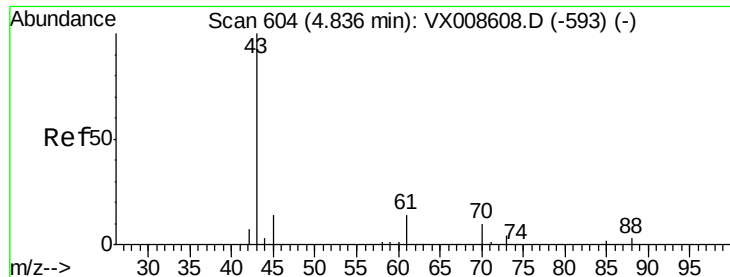


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

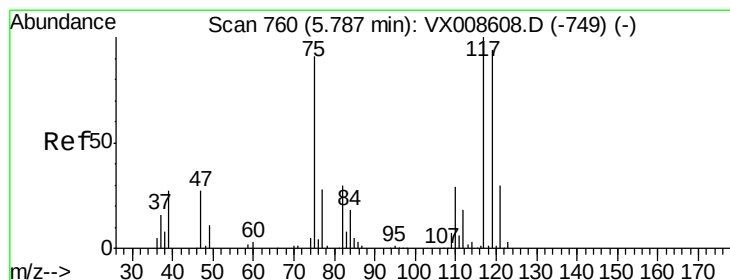
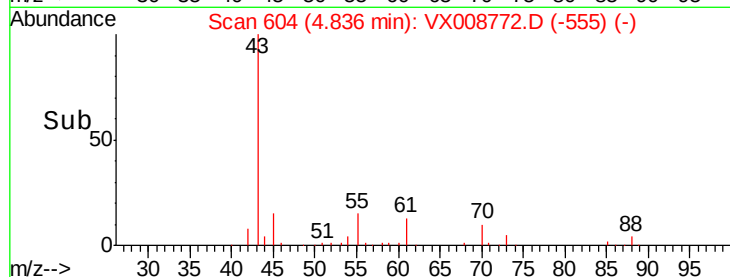
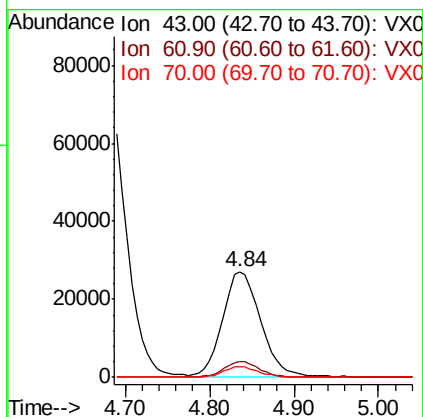
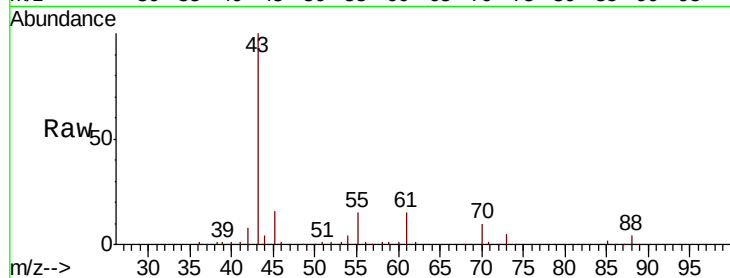




#37
Ethyl Acetate
Concen: 18.770 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

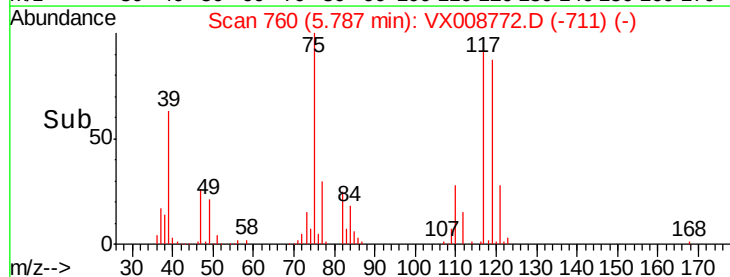
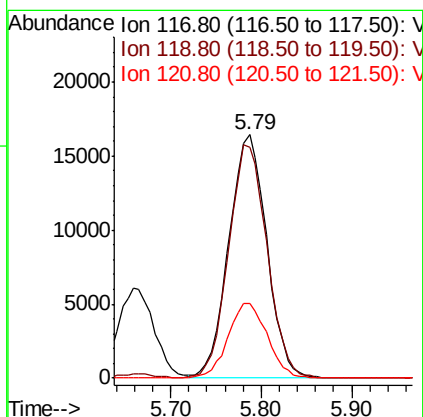
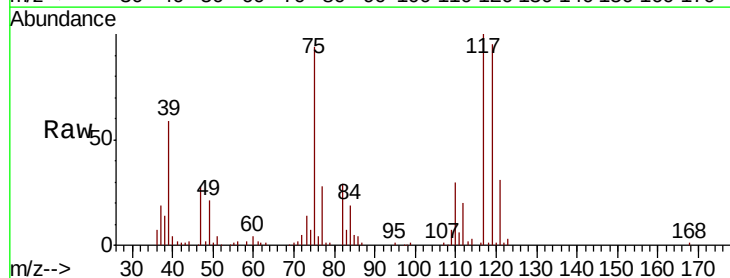
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

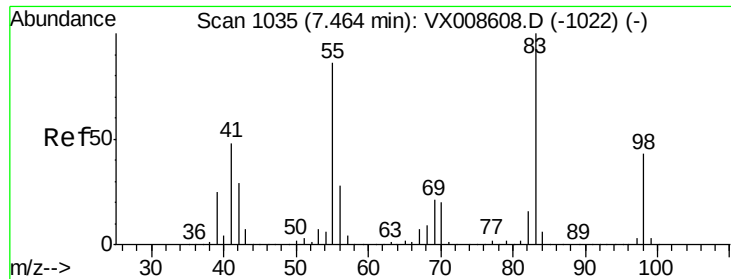
Tgt Ion: 43 Resp: 81769
Ion Ratio Lower Upper
43 100
61 14.4 10.3 15.5
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 17.672 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 117 Resp: 47739
Ion Ratio Lower Upper
117 100
119 94.7 75.0 112.6
121 30.8 24.3 36.5

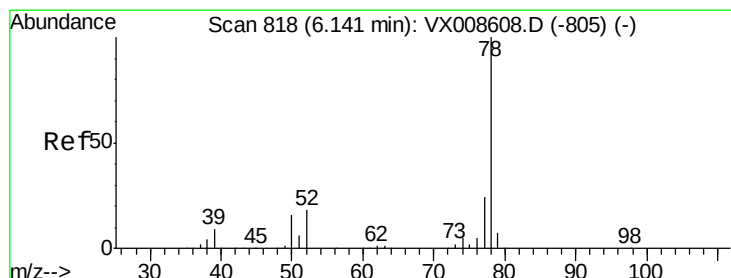
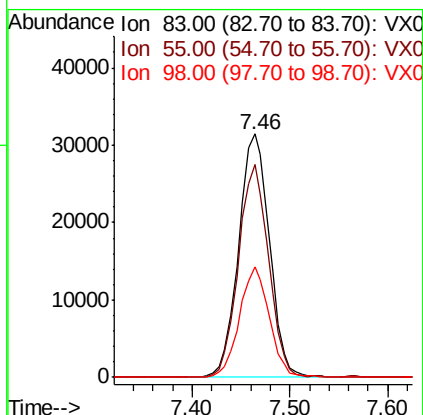
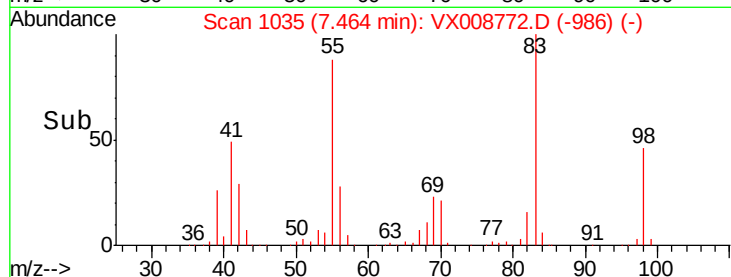
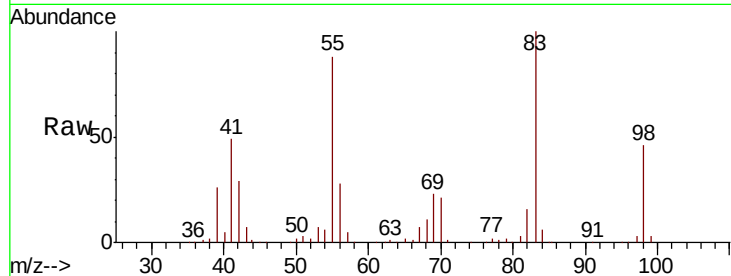




#39
Methylcyclohexane
Concen: 17.094 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

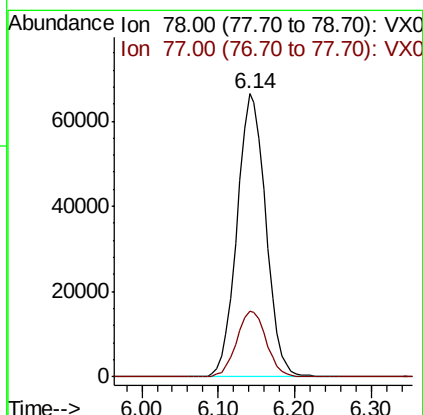
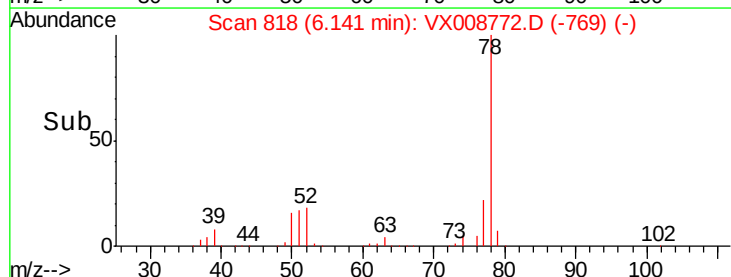
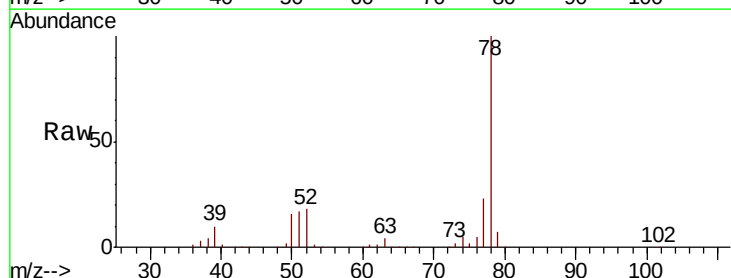
Instrument :
MSVOA_X
ClientSampled :
VX0409WBS02

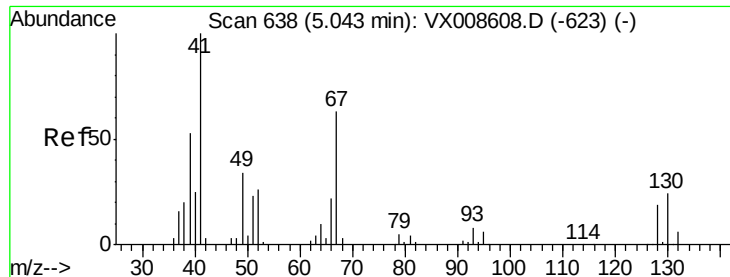
Tgt Ion: 83 Resp: 68921
Ion Ratio Lower Upper
83 100
55 87.6 69.0 103.6
98 45.6 34.4 51.6



#40
Benzene
Concen: 17.821 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 78 Resp: 173282
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7

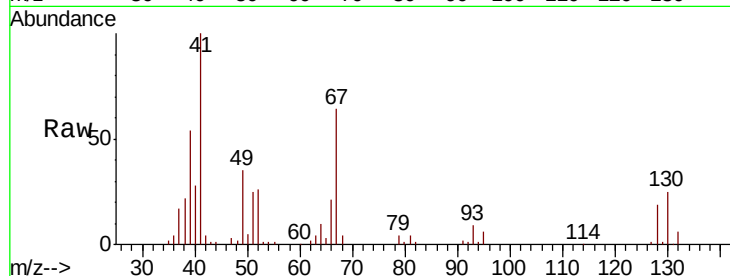




#41
Methacrylonitrile
Concen: 18.850 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion:	41	Resp:	47202
Ion	Ratio	Lower	Upper
41	100		
39	51.9	42.1	63.1
67	62.6	51.0	76.6
52	27.1	21.4	32.0



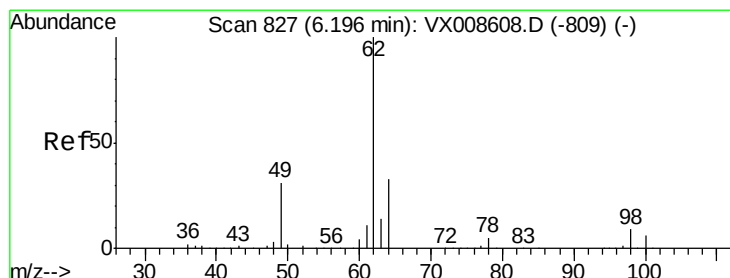
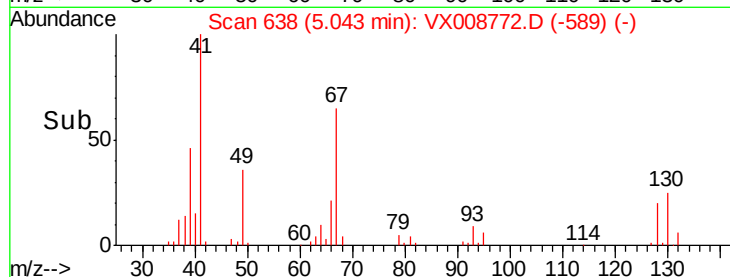
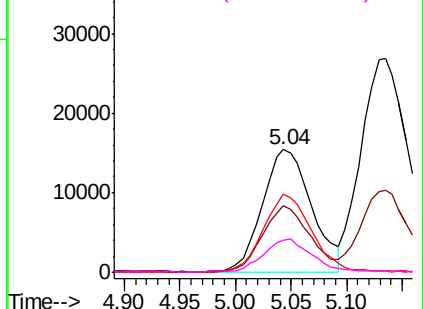
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

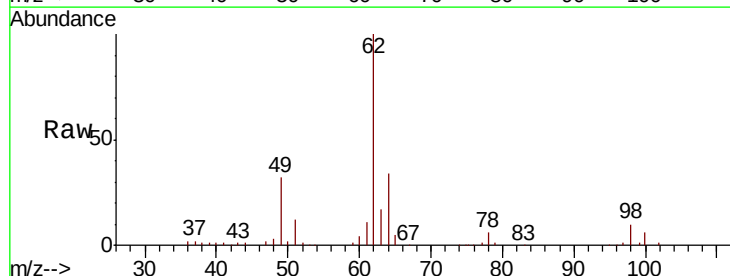
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 17.893 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

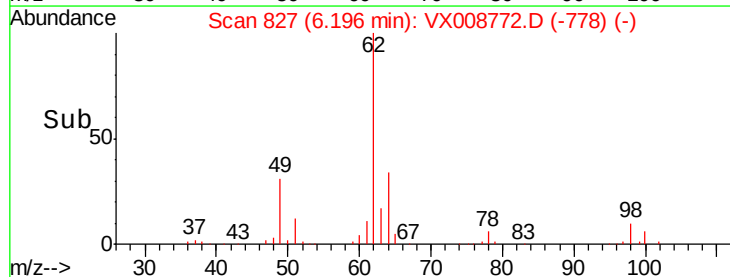
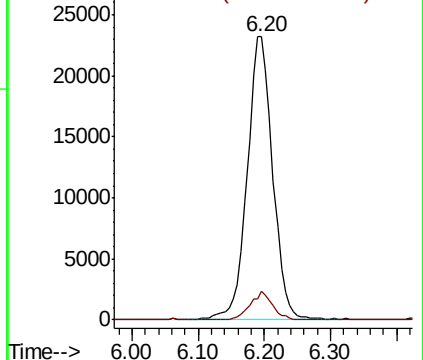
Tgt Ion:	62	Resp:	62371
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

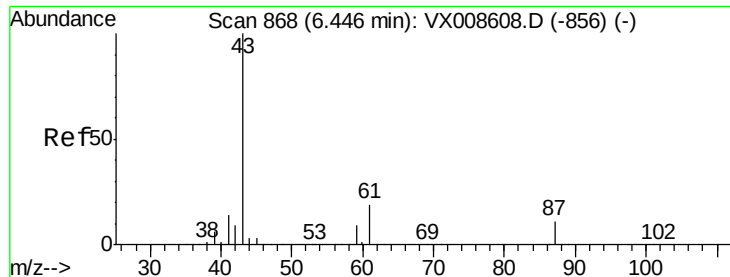


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.834 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

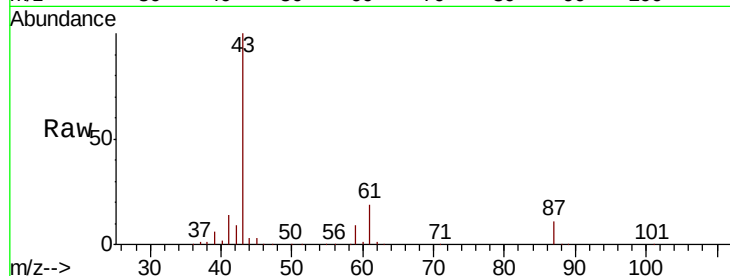
Tgt Ion: 43 Resp: 128528

Ion Ratio Lower Upper

43 100

61 19.2 15.3 22.9

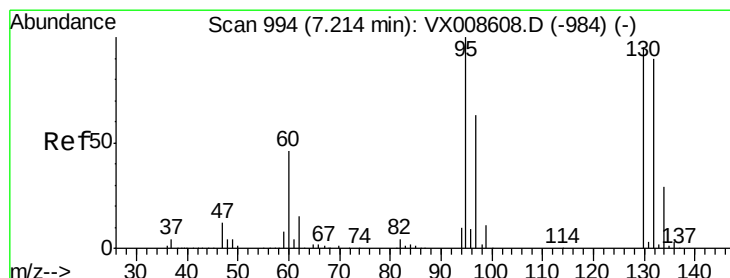
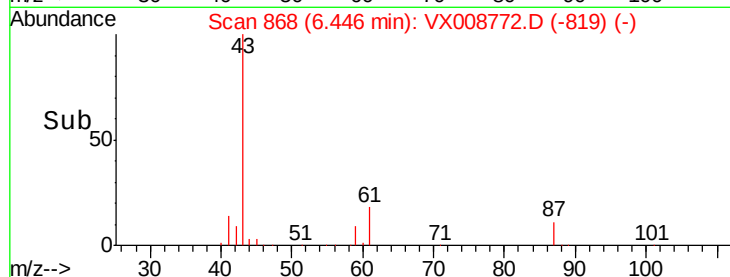
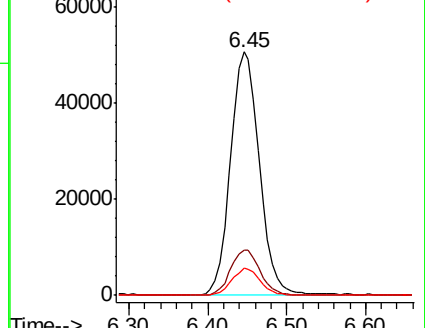
87 11.0 9.0 13.6



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: 17.698 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008772.D

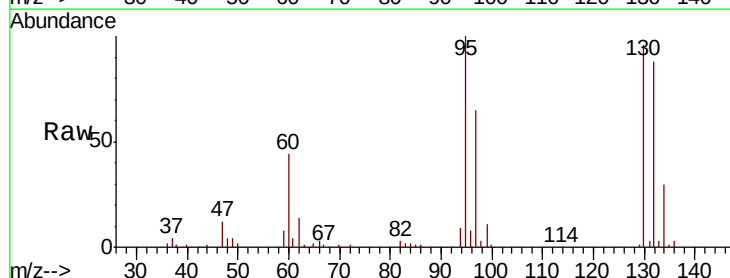
Acq: 09 Apr 2019 15:48

Tgt Ion: 130 Resp: 40079

Ion Ratio Lower Upper

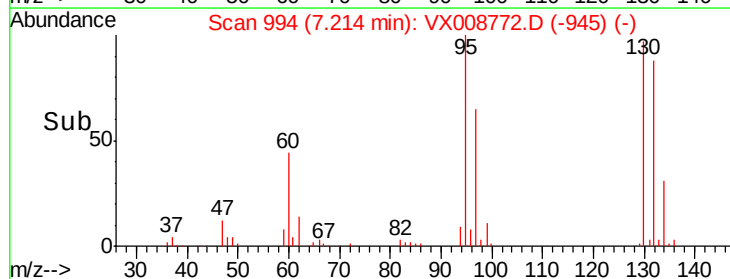
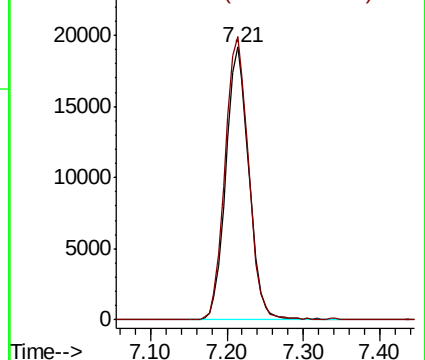
130 100

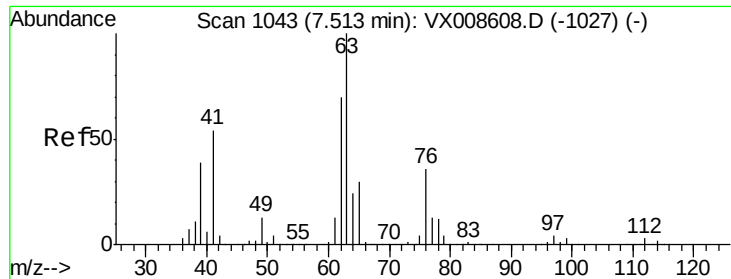
95 103.8 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

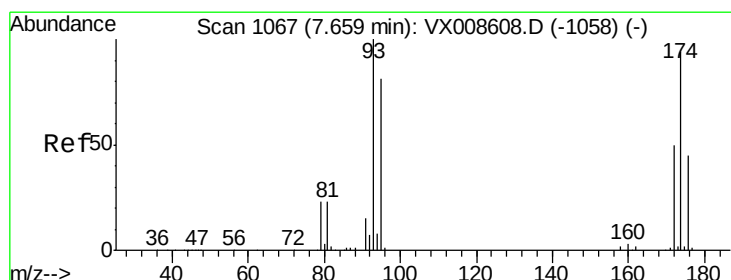
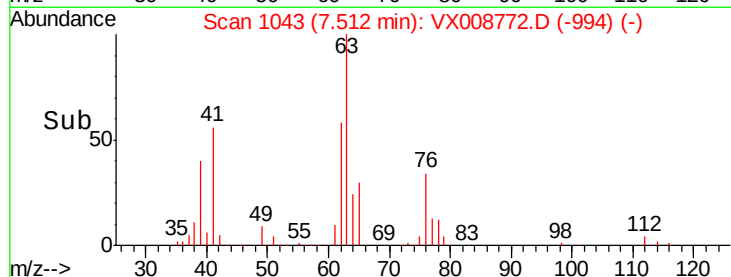
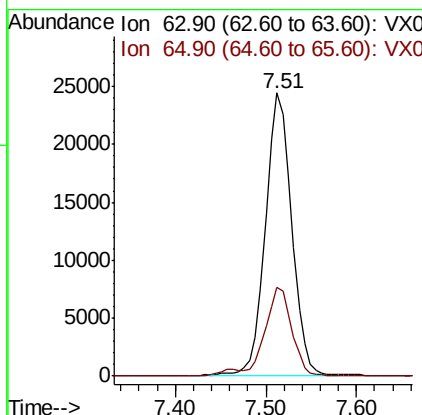
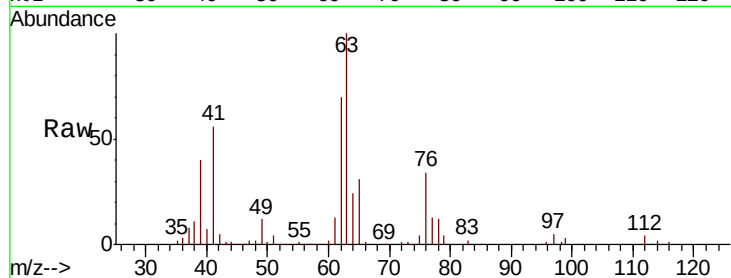




#45
 1,2-Dichloropropane
 Concen: 17.810 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

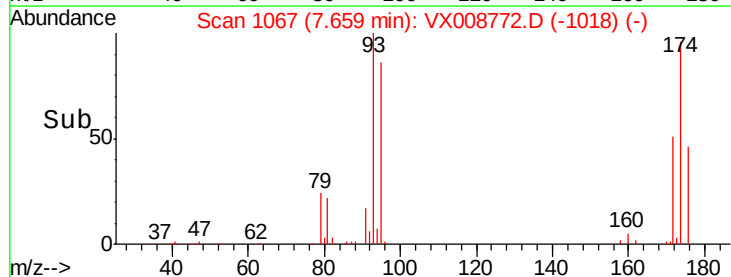
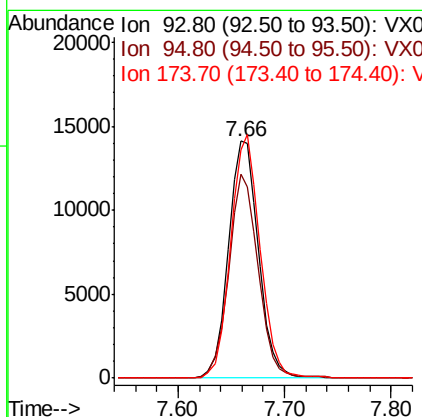
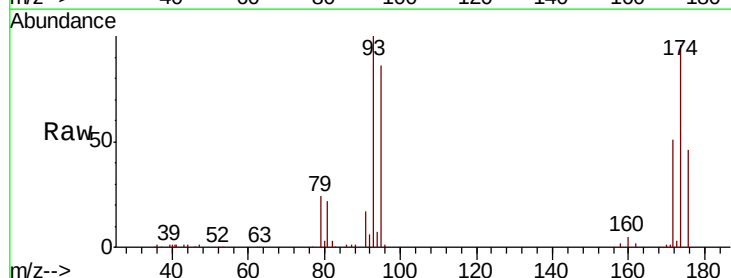
Instrument :
 MSVOA_X
 ClientSampled :
 VX0409WBS02

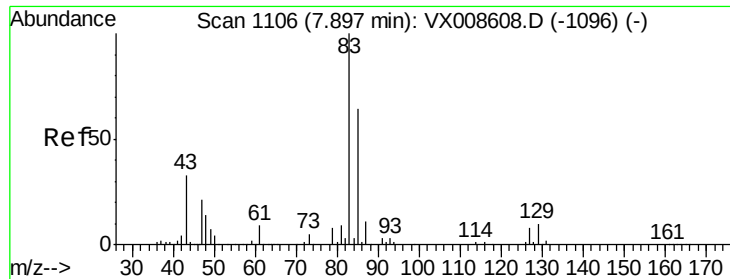
Tgt Ion: 63 Resp: 49428
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.4



#46
 Dibromomethane
 Concen: 17.365 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 93 Resp: 27951
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 99.8
 174 100.6 77.7 116.5





#47

Bromodichloromethane

Concen: 18.005 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

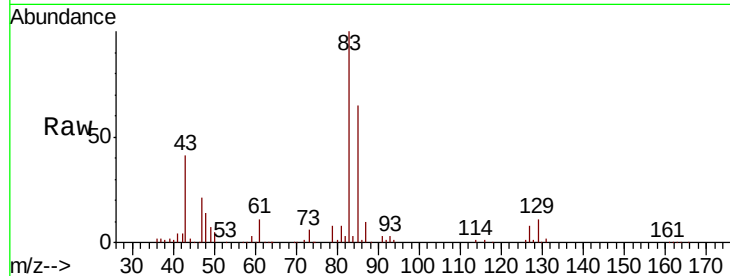
Tgt Ion: 83 Resp: 54642

Ion Ratio Lower Upper

83 100

85 64.6 51.2 76.8

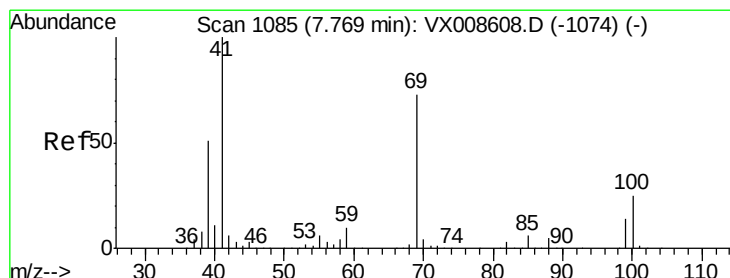
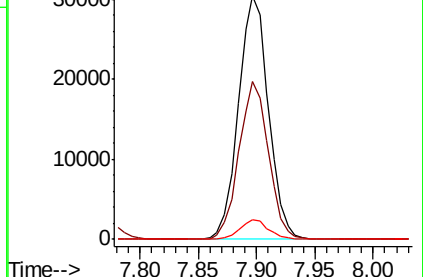
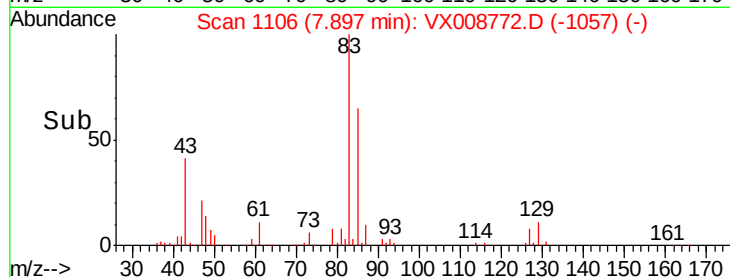
127 7.9 6.6 10.0



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: 18.748 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

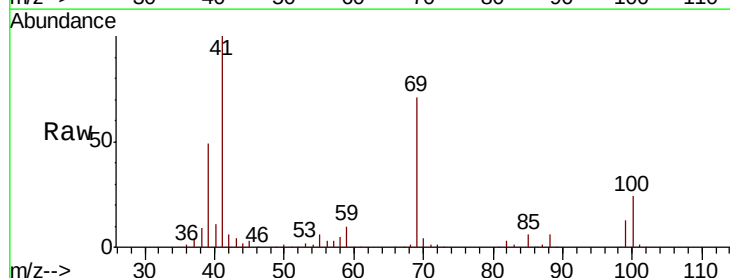
Tgt Ion: 41 Resp: 64721

Ion Ratio Lower Upper

41 100

69 73.3 59.0 88.4

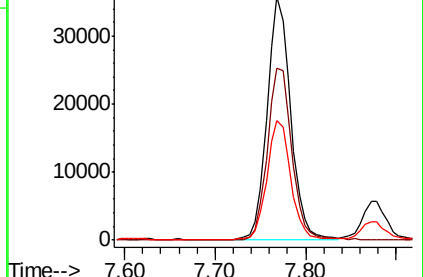
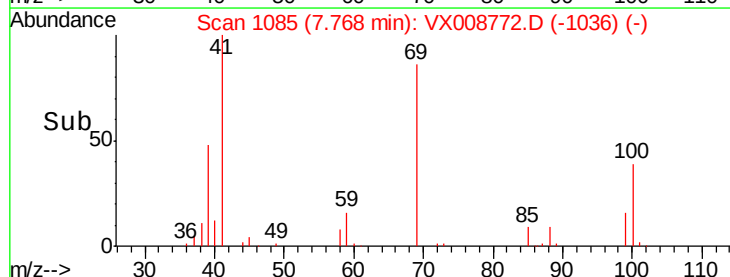
39 49.1 41.0 61.4

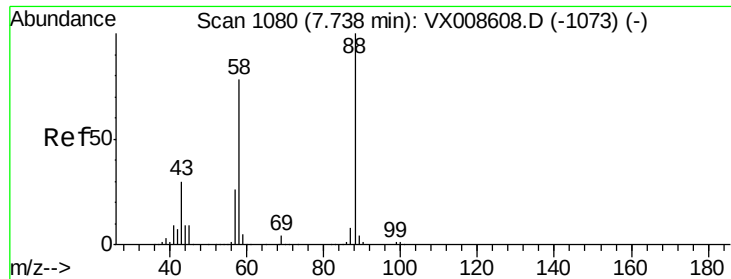


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

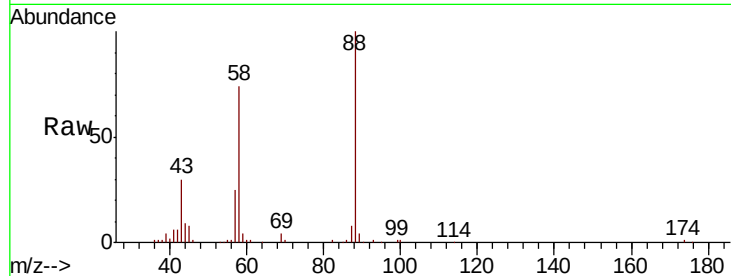




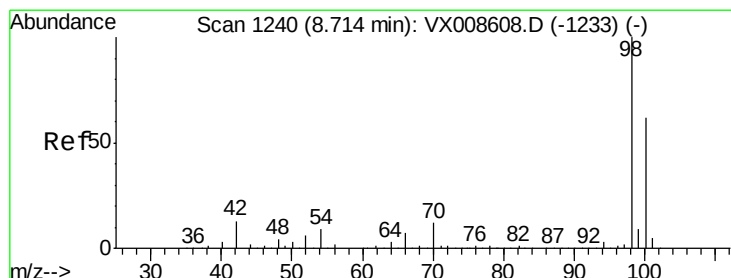
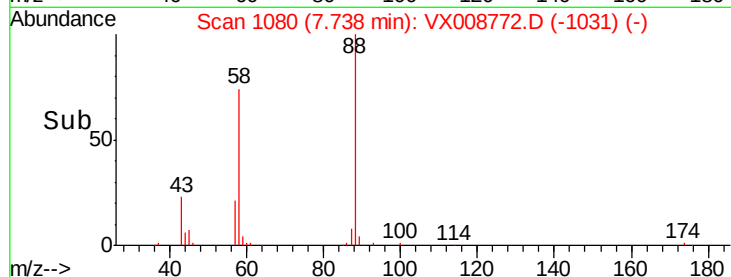
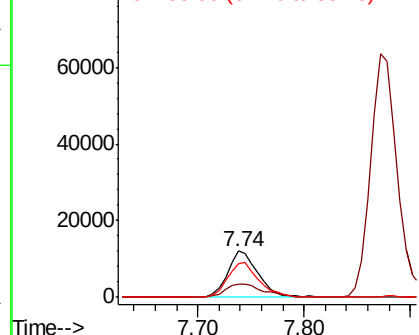
#49
 1,4-Dioxane
 Concen: 369.779 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion: 88 Resp: 23913
 Ion Ratio Lower Upper
 88 100
 43 36.0 28.6 43.0
 58 78.7 62.2 93.2

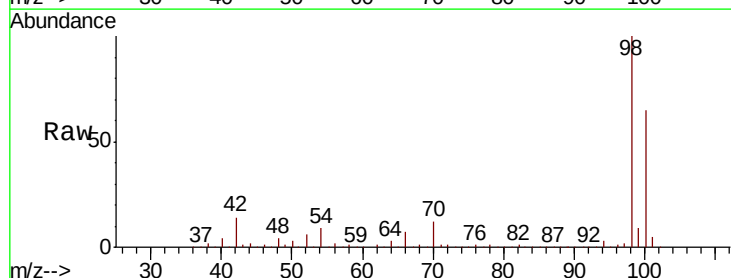


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

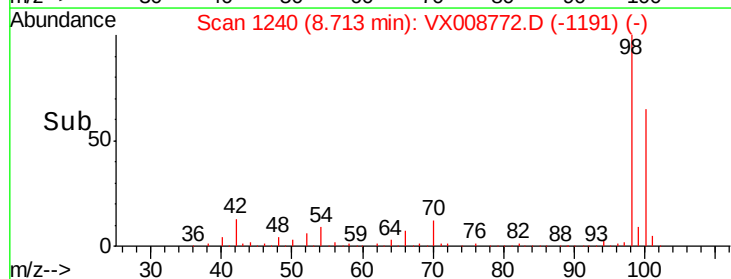
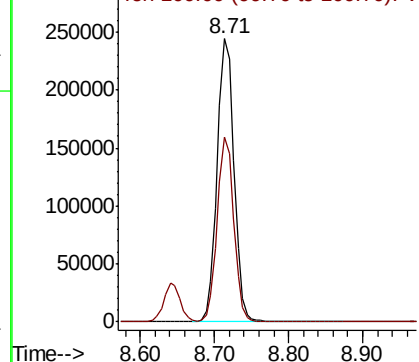


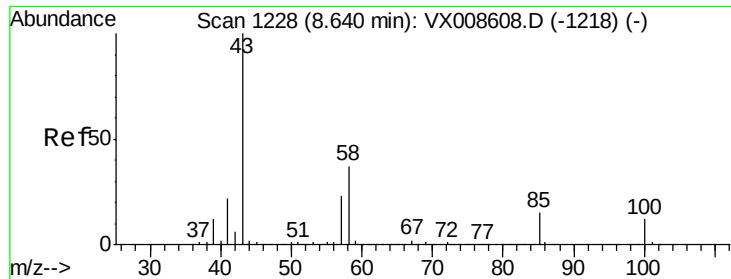
#50
 Toluene-d8
 Concen: 50.025 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 98 Resp: 380250
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.4 77.0



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

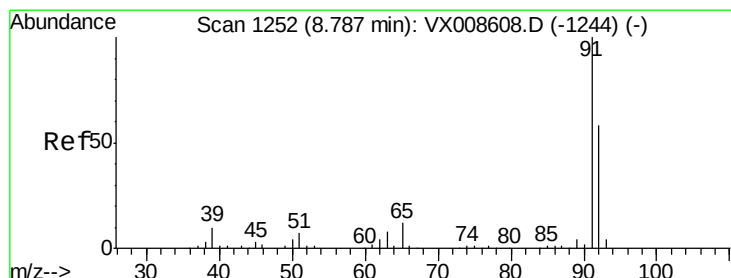
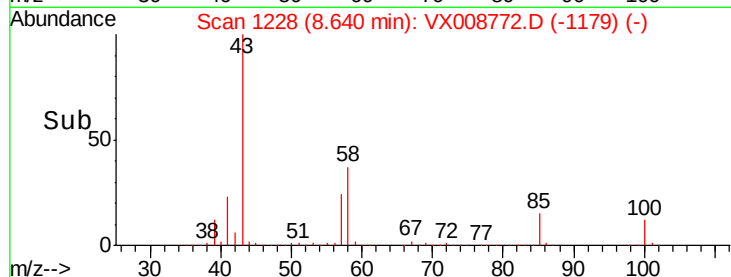
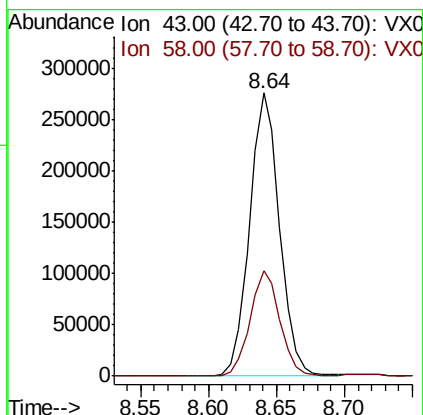
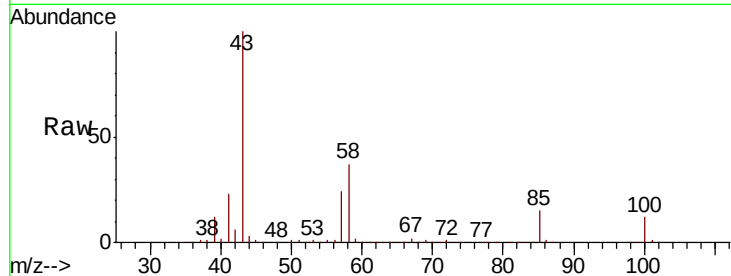




#51
 4-Methyl-2-Pentanone
 Concen: 96.918 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

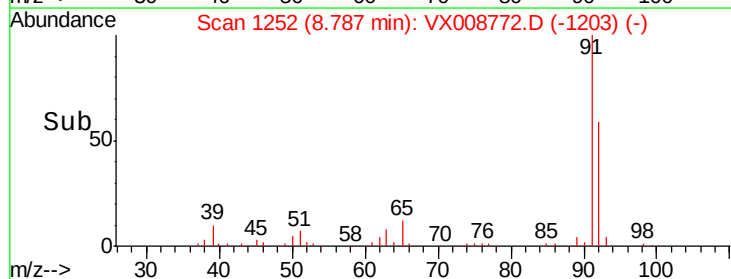
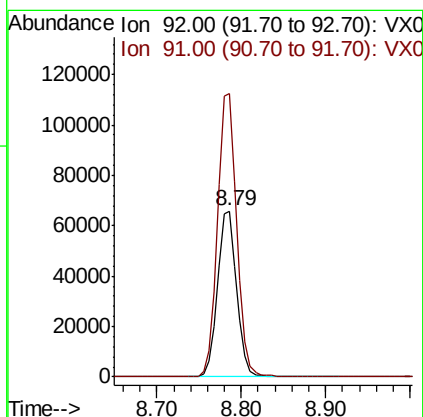
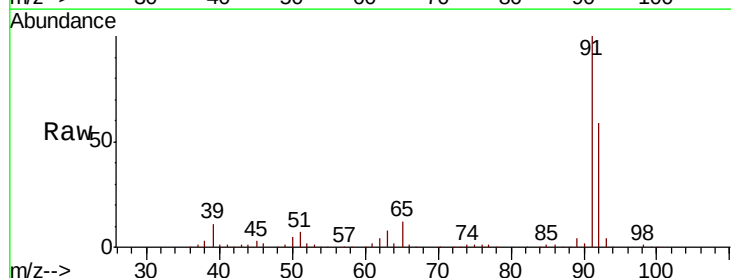
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

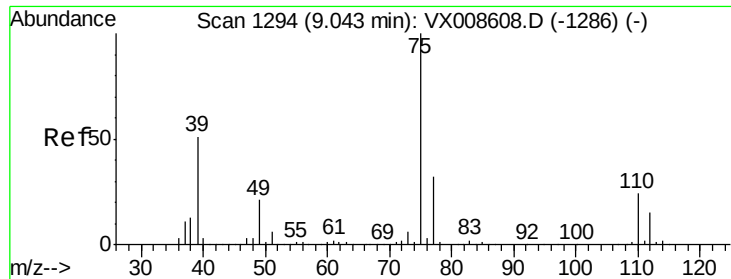
Tgt Ion: 43 Resp: 425773
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.5 44.3



#52
 Toluene
 Concen: 18.098 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 92 Resp: 103745
 Ion Ratio Lower Upper
 92 100
 91 171.7 138.5 207.7

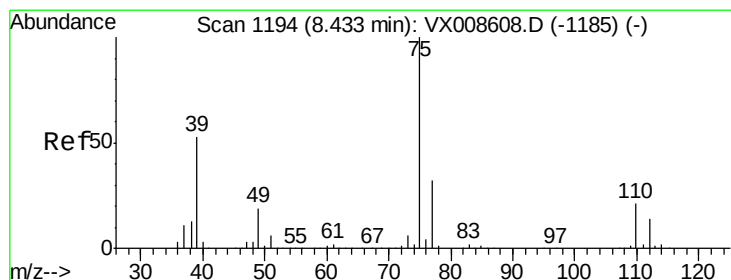
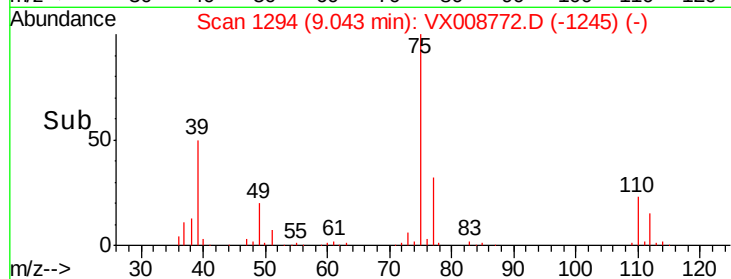
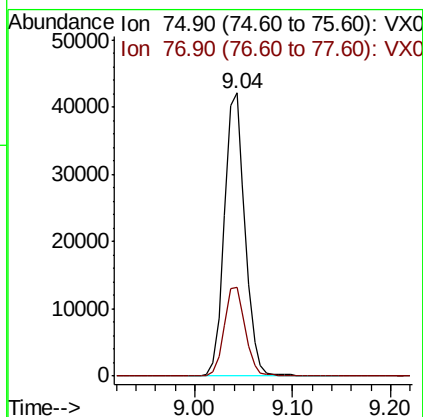
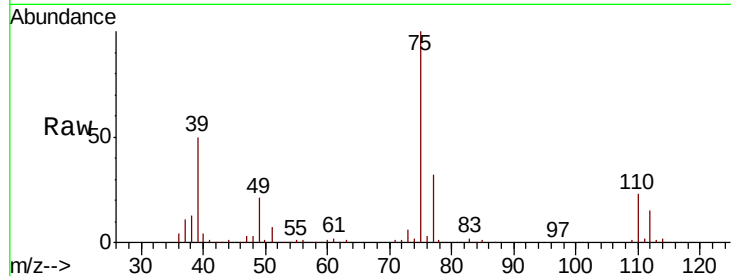




#53
 t-1,3-Dichloropropene
 Concen: 18.115 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

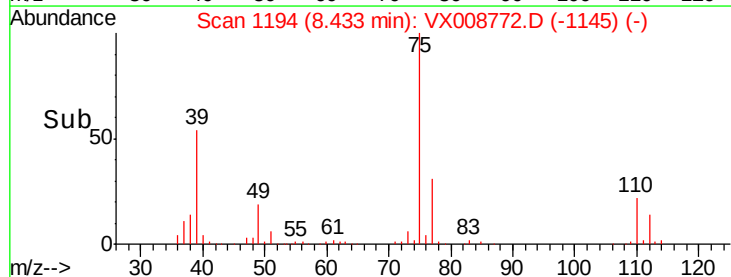
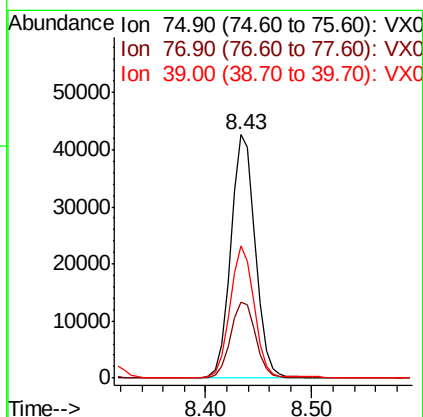
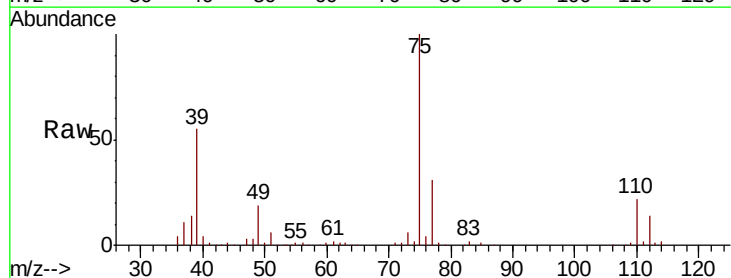
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

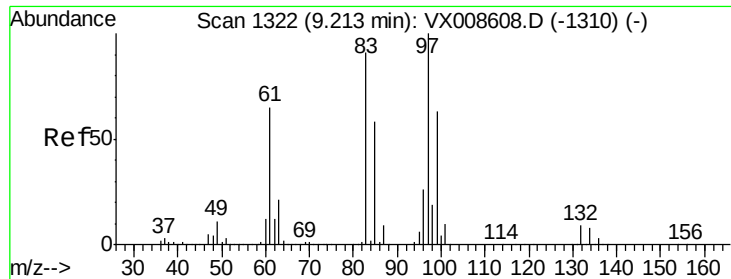
Tgt Ion: 75 Resp: 61583
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.786 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 75 Resp: 69089
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 54.2 42.6 63.8

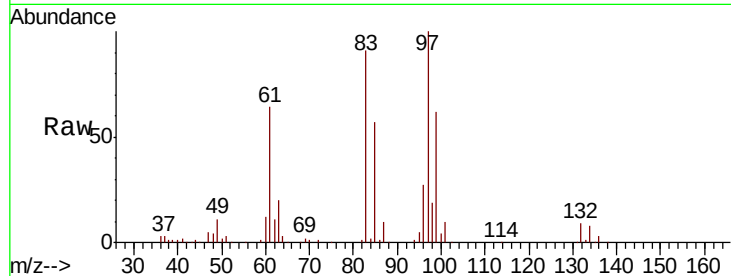




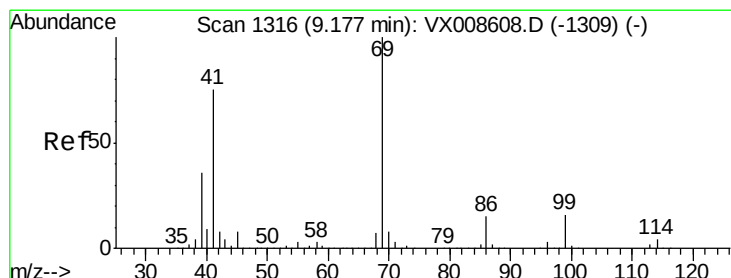
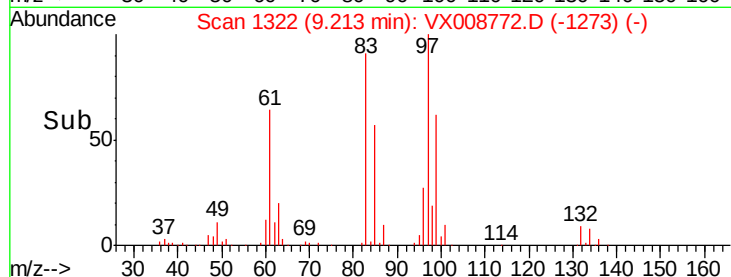
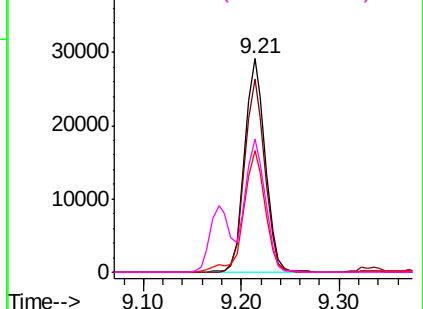
#55
 1,1,2-Trichloroethane
 Concen: 18.565 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion:	97	Resp:	42717
Ion	Ratio	Lower	Upper
97	100		
83	90.6	73.2	109.8
85	57.2	46.6	69.8
99	62.1	50.1	75.1

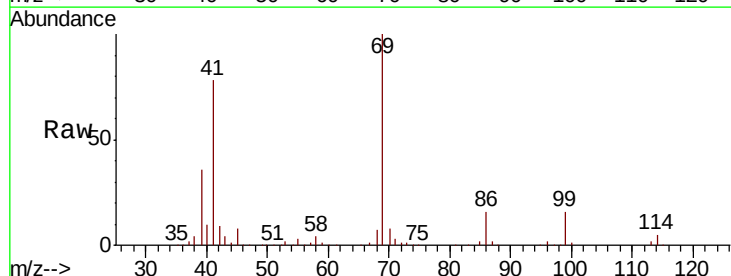


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

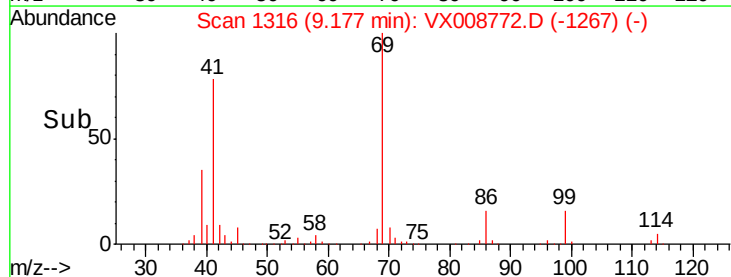
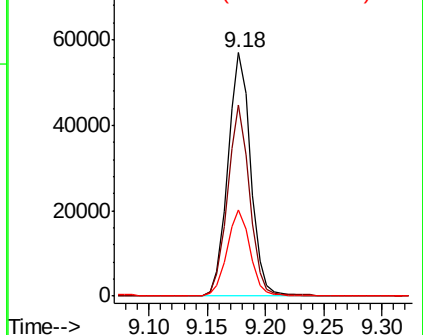


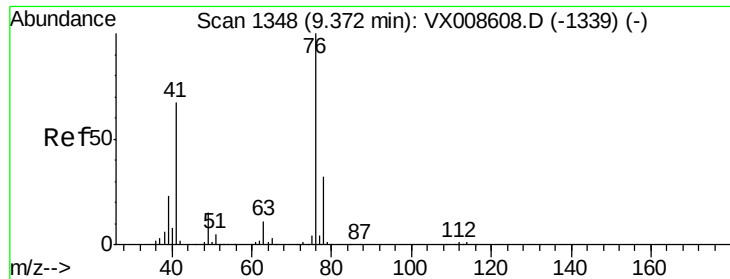
#56
 Ethyl methacrylate
 Concen: 18.651 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion:	69	Resp:	77651
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.1	90.1
39	35.2	28.9	43.3



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

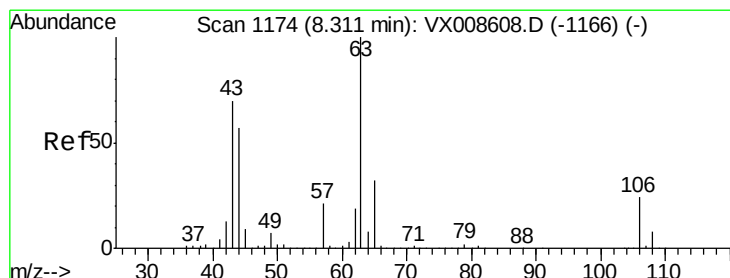
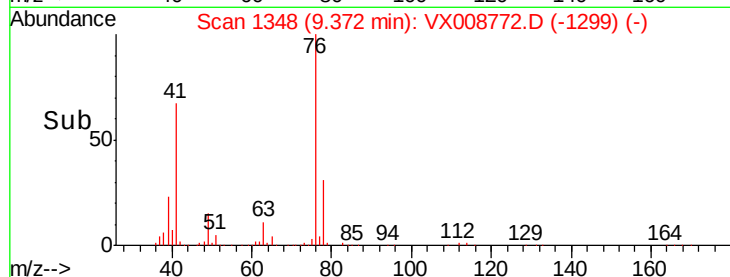
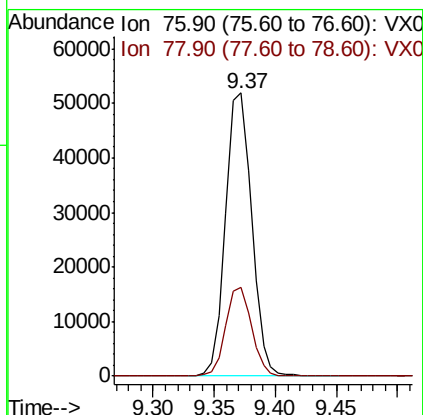
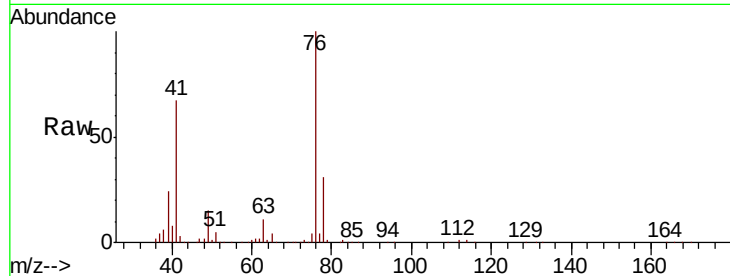




#57
 1,3-Dichloropropane
 Concen: 18.668 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

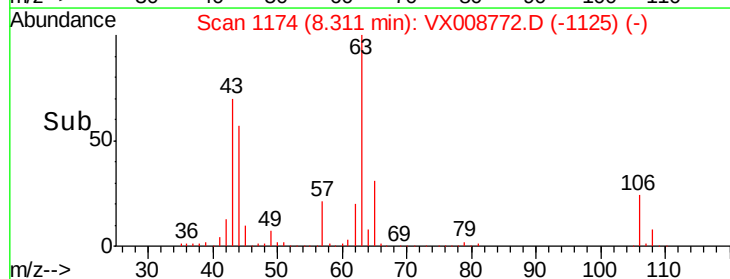
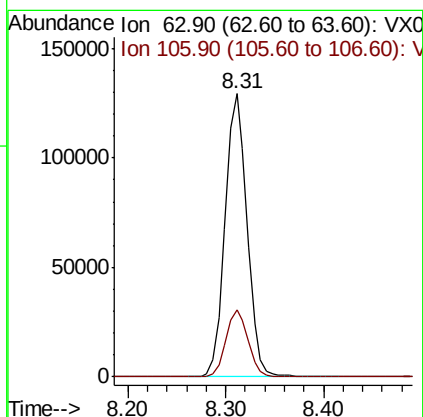
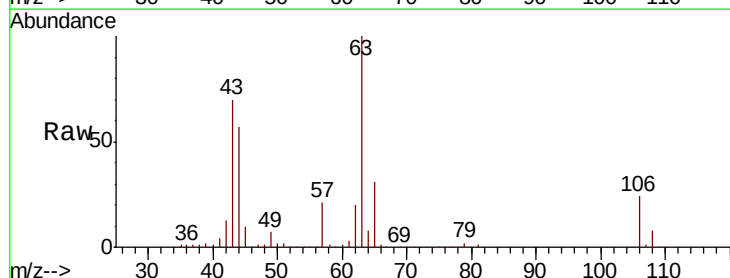
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

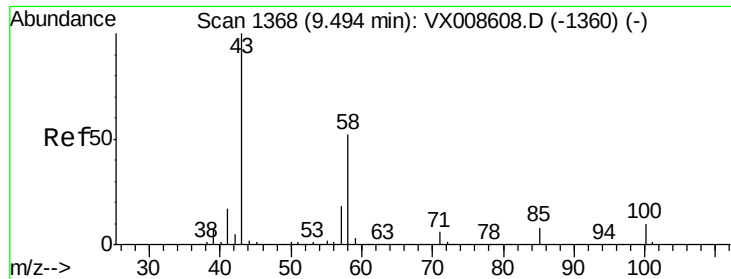
Tgt Ion: 76 Resp: 77132
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.681 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 63 Resp: 201276
 Ion Ratio Lower Upper
 63 100
 106 23.9 19.0 28.6

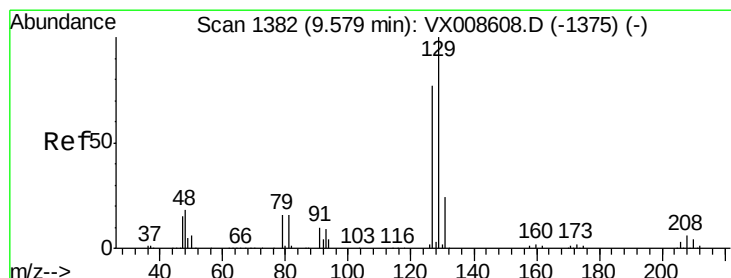
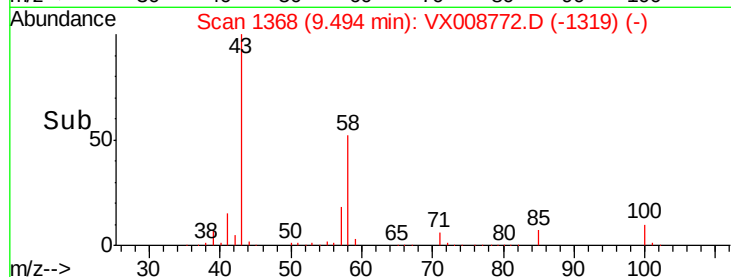
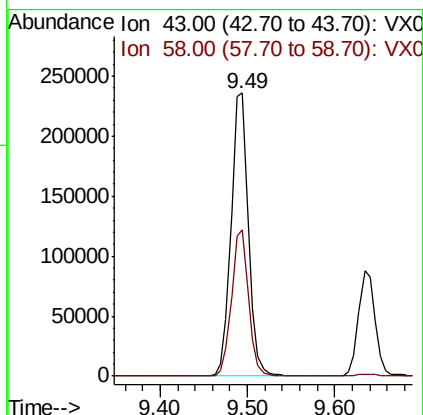
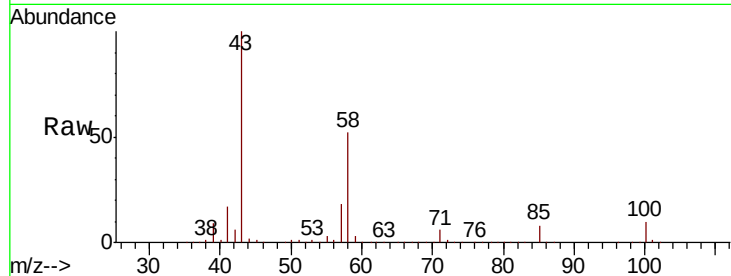




#59
2-Hexanone
Concen: 96.138 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

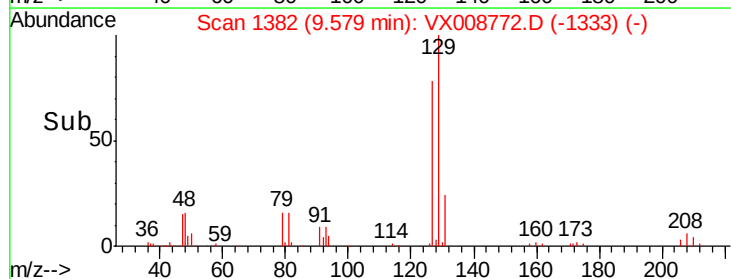
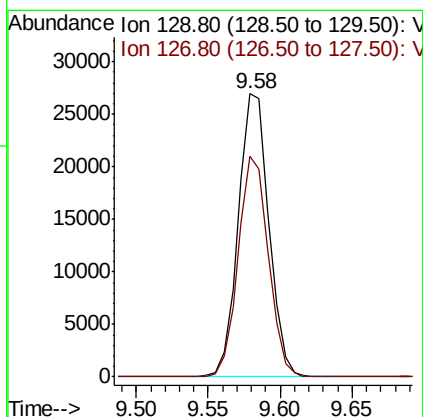
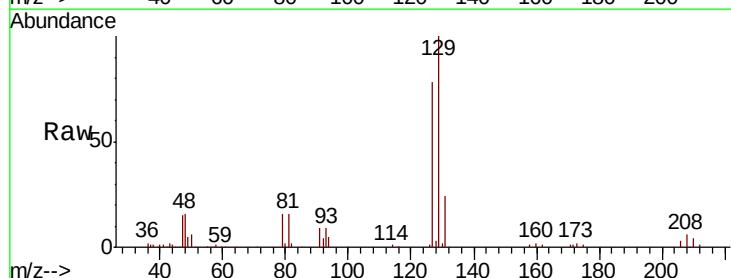
Instrument :
MSVOA_X
ClientSampled :
VX0409WBS02

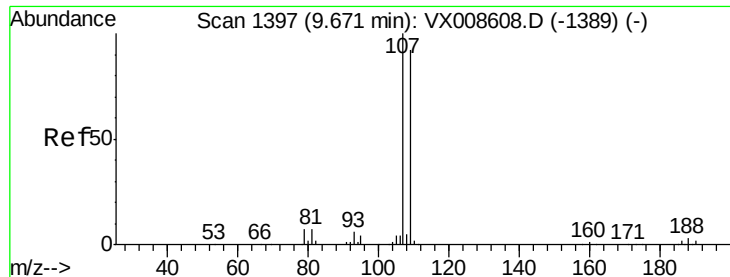
Tgt Ion: 43 Resp: 328225
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.7



#60
Dibromochloromethane
Concen: 18.315 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 129 Resp: 39711
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3

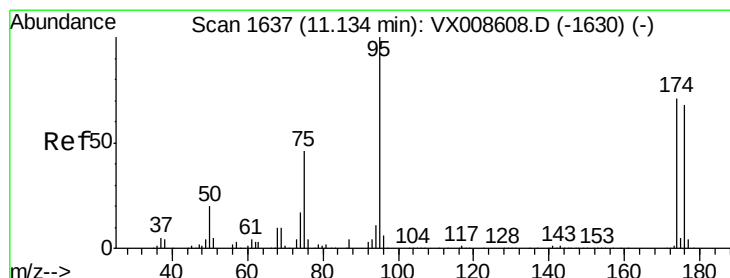
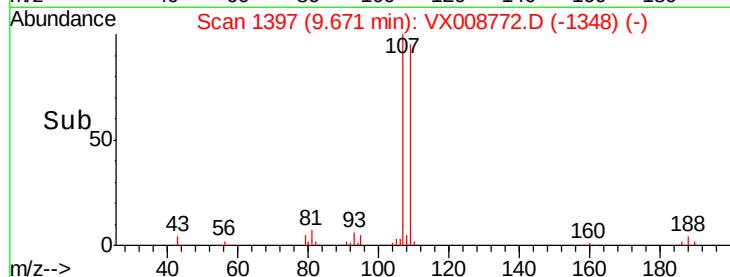
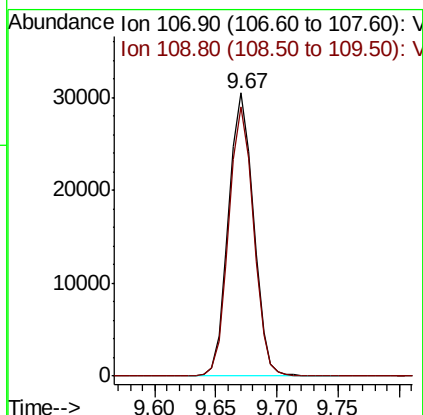
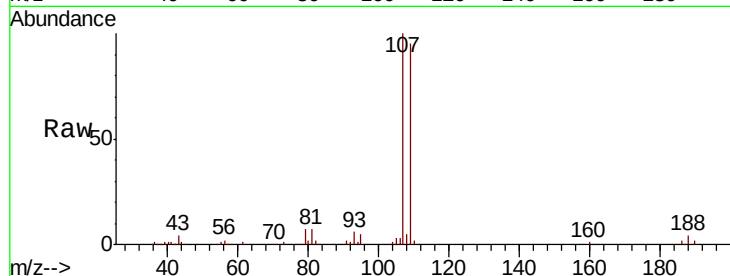




#61
 1,2-Dibromoethane
 Concen: 18.041 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

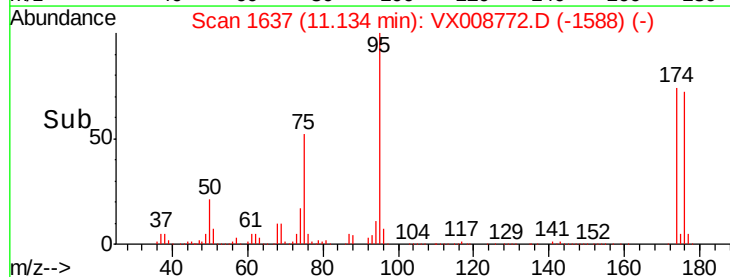
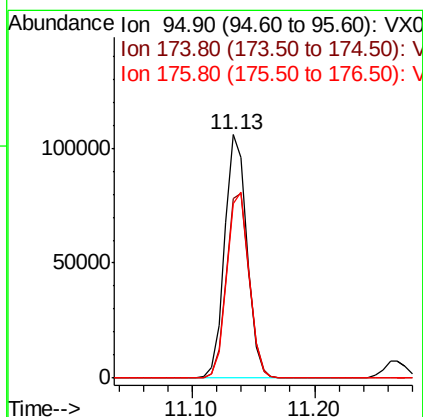
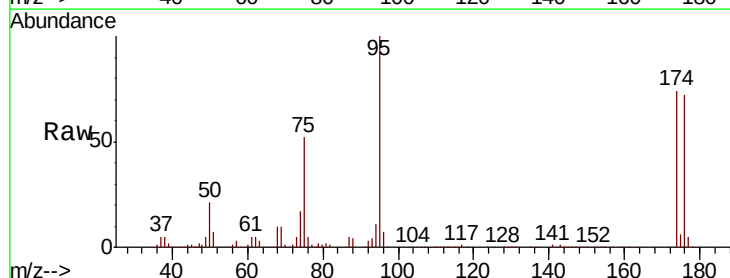
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

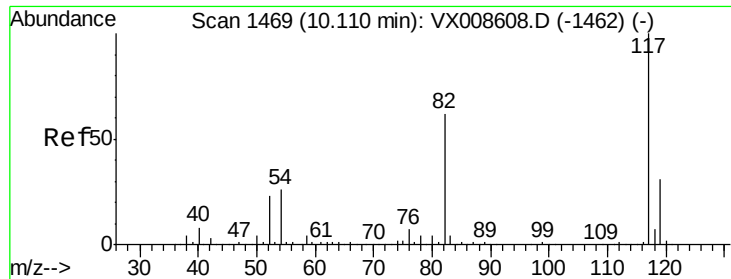
Tgt Ion: 107 Resp: 43217
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.1 111.1



#62
 4-Bromofluorobenzene
 Concen: 49.193 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 95 Resp: 132599
 Ion Ratio Lower Upper
 95 100
 174 77.5 0.0 151.8
 176 76.4 0.0 145.8

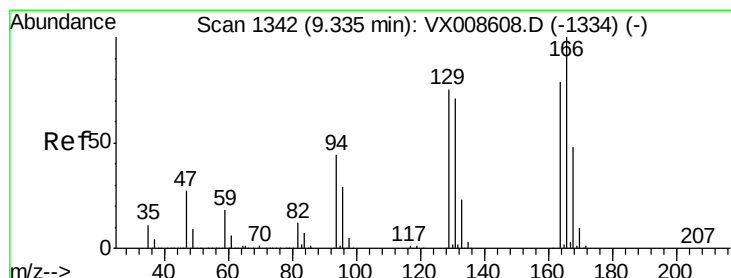
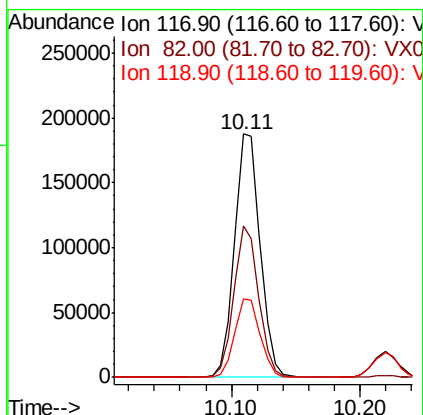
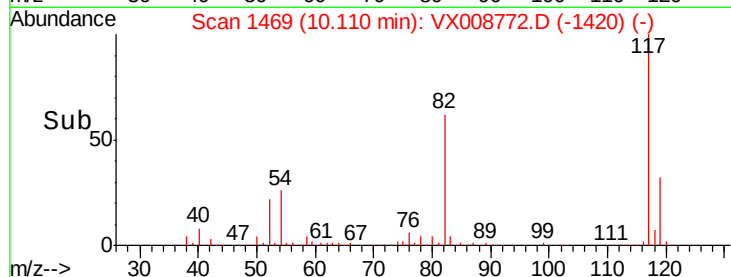
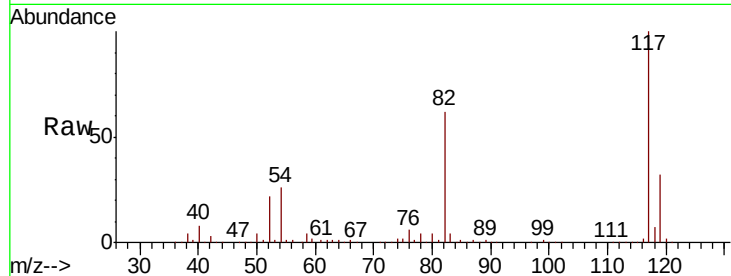




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

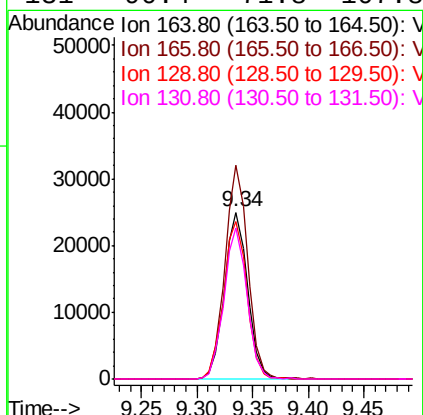
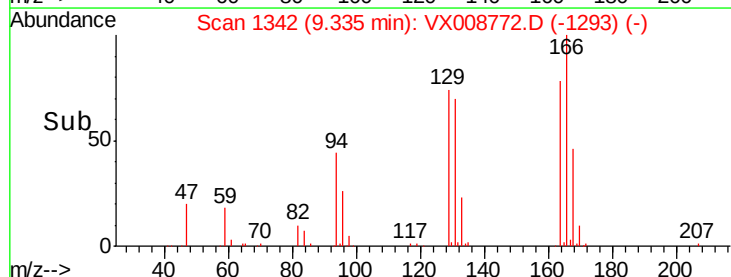
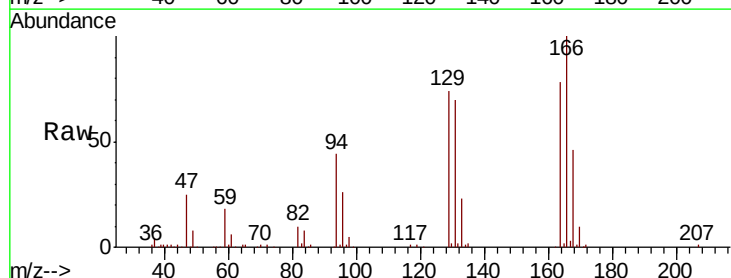
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

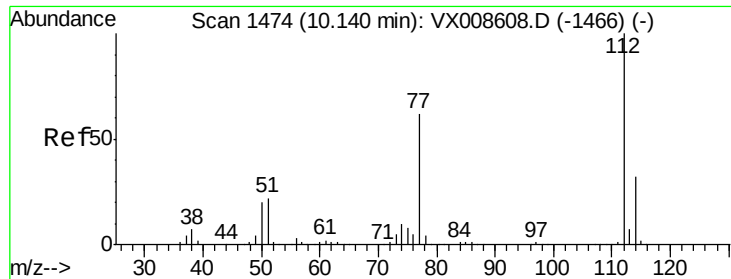
Tgt Ion:117 Resp: 260445
Ion Ratio Lower Upper
117 100
82 62.1 49.6 74.4
119 32.0 25.0 37.4



#64
Tetrachloroethene
Concen: 18.651 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion:164 Resp: 35990
Ion Ratio Lower Upper
164 100
166 128.3 101.0 151.6
129 94.4 75.8 113.8
131 90.4 71.8 107.8

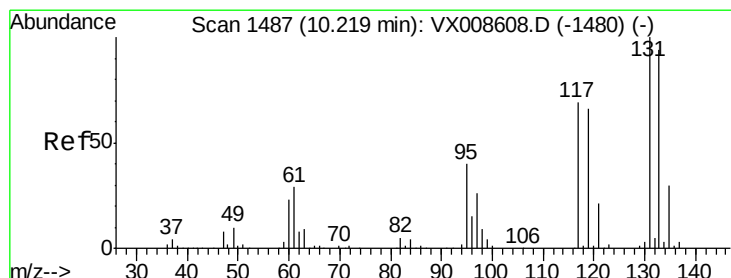
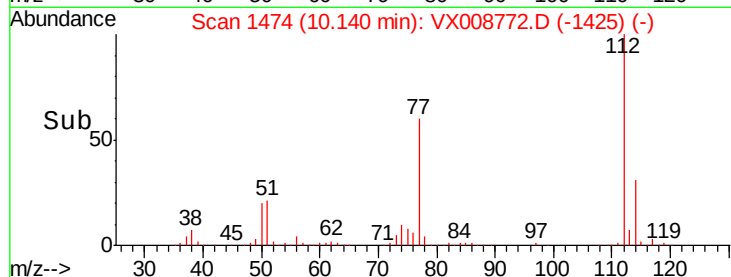
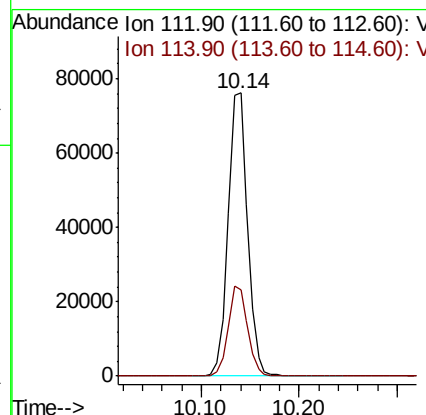
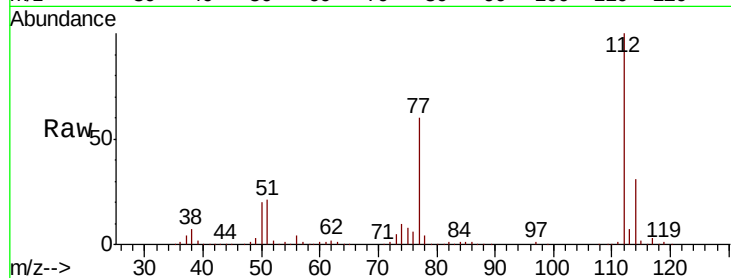




#65
Chlorobenzene
Concen: 18.208 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

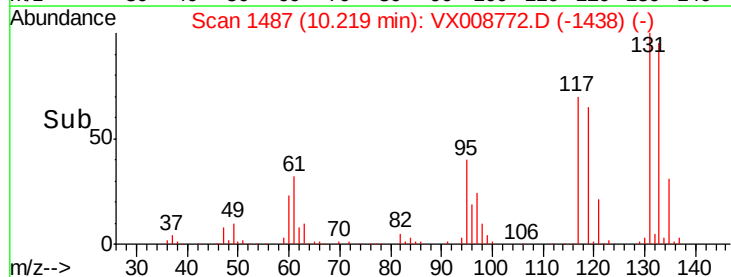
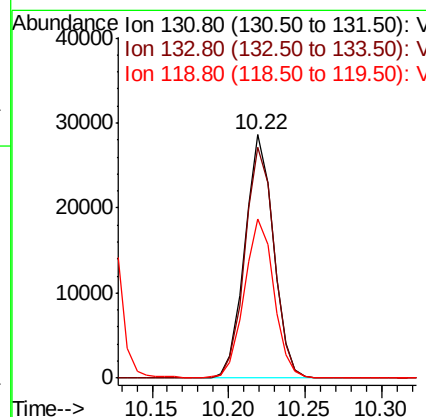
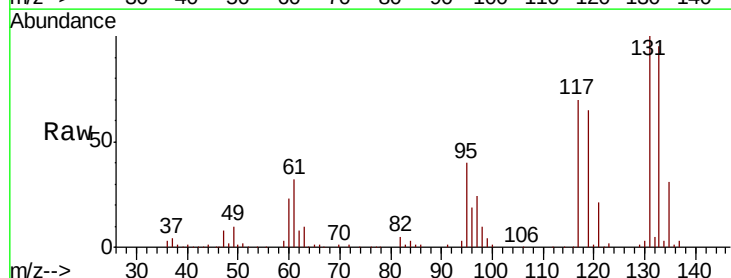
Instrument :
MSVOA_X
ClientSampled :
VX0409WBS02

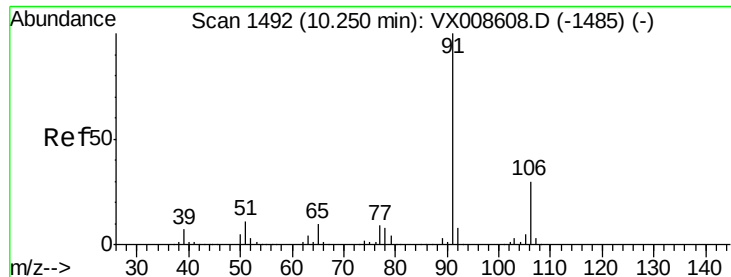
Tgt Ion:112 Resp: 105117
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.397 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion:131 Resp: 37261
Ion Ratio Lower Upper
131 100
133 96.8 47.0 141.2
119 67.2 33.7 101.0





#67

Ethyl Benzene

Concen: 17.790 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

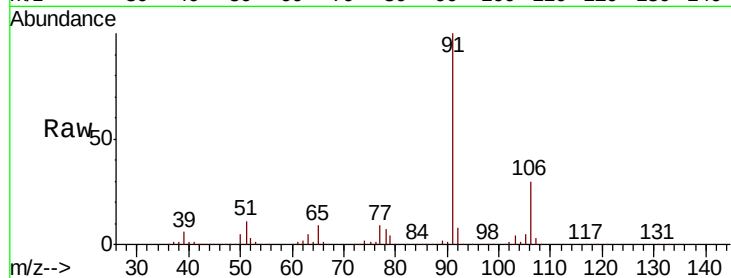
VX0409WBS02

Tgt Ion: 91 Resp: 191513

Ion Ratio Lower Upper

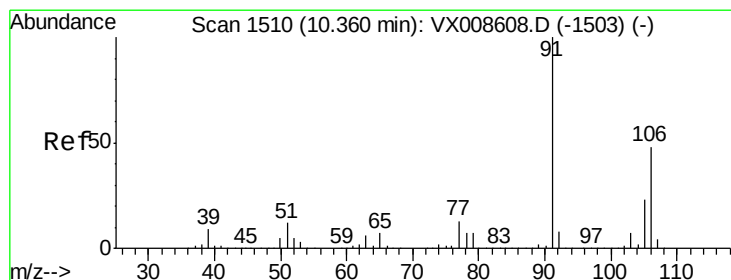
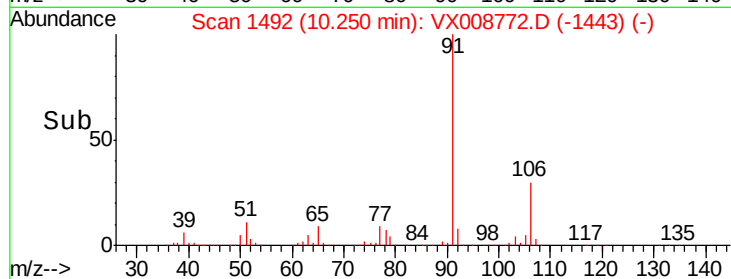
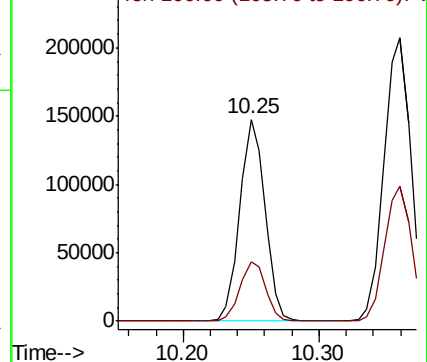
91 100

106 29.7 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.290 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008772.D

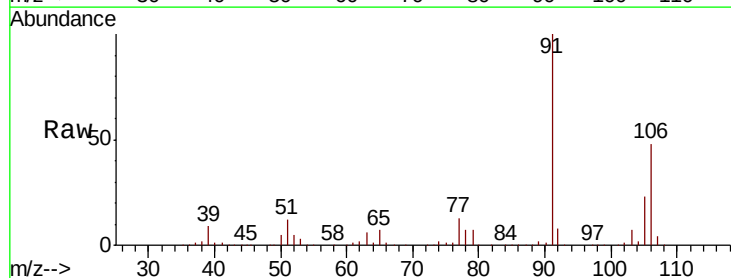
Acq: 09 Apr 2019 15:48

Tgt Ion: 106 Resp: 136597

Ion Ratio Lower Upper

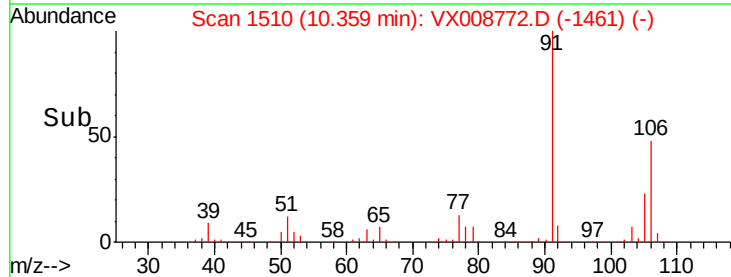
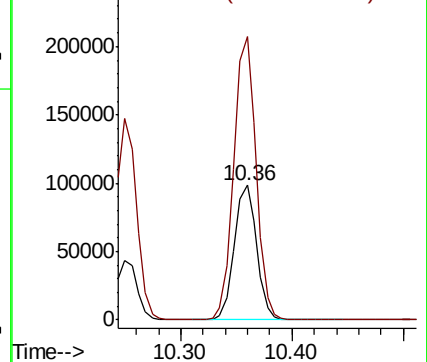
106 100

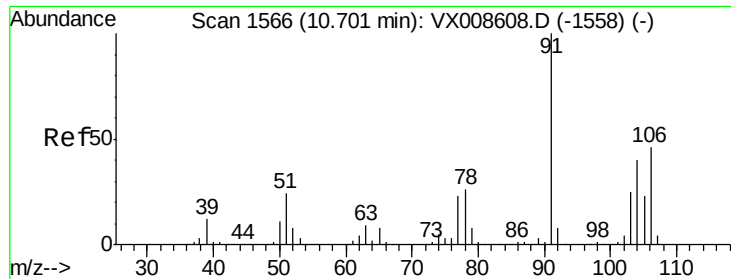
91 210.0 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

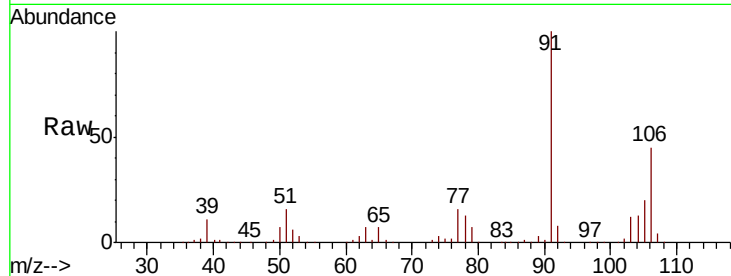




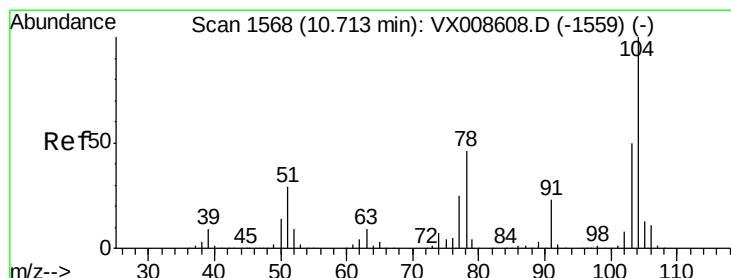
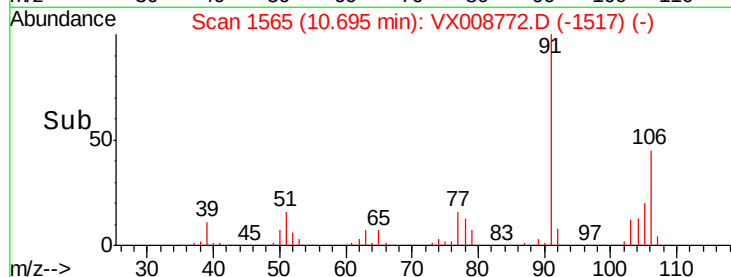
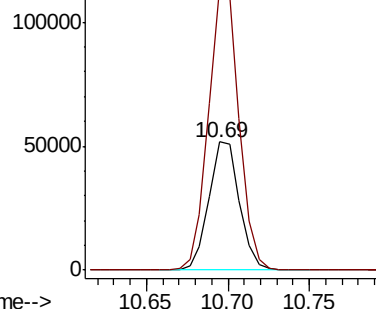
#69
o-Xylene
Concen: 17.998 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion:106 Resp: 67513
Ion Ratio Lower Upper
106 100
91 219.8 111.5 334.4

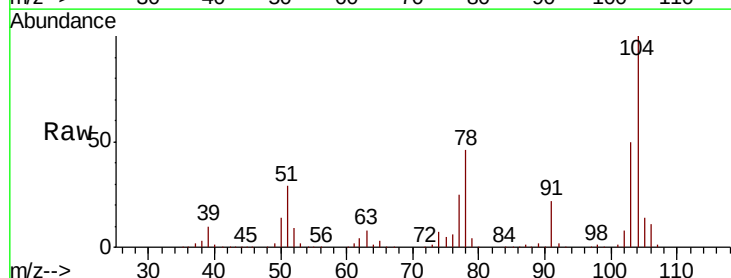


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

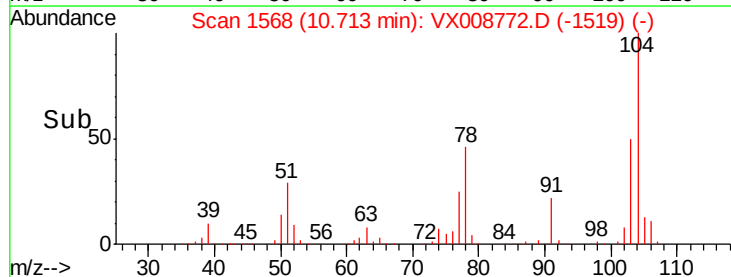
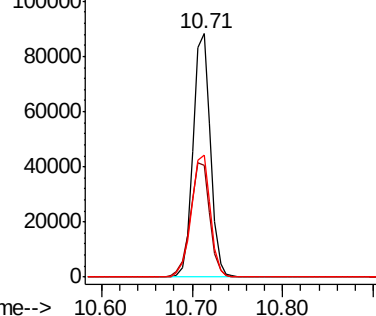


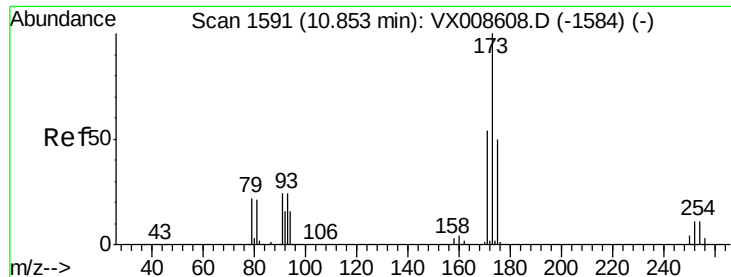
#70
Styrene
Concen: 18.175 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion:104 Resp: 117523
Ion Ratio Lower Upper
104 100
78 52.8 42.3 63.5
103 55.1 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: 18.112 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampled :

VX0409WBS02

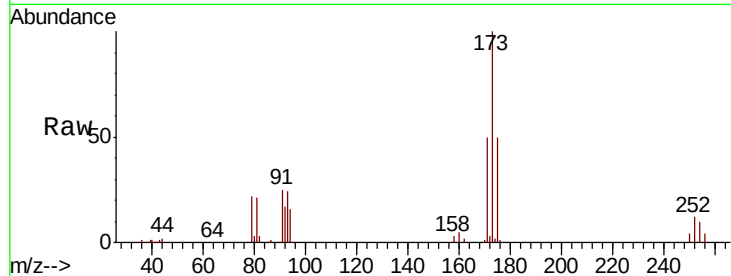
Tgt Ion:173 Resp: 28017

Ion Ratio Lower Upper

173 100

175 49.7 24.9 74.6

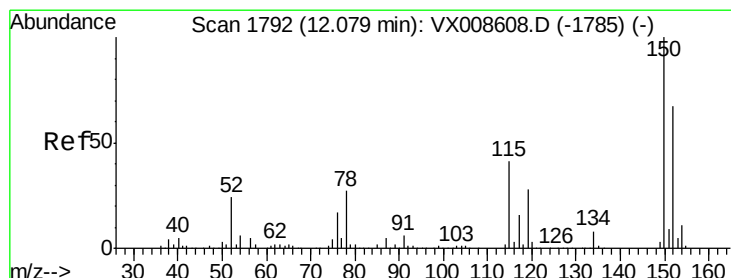
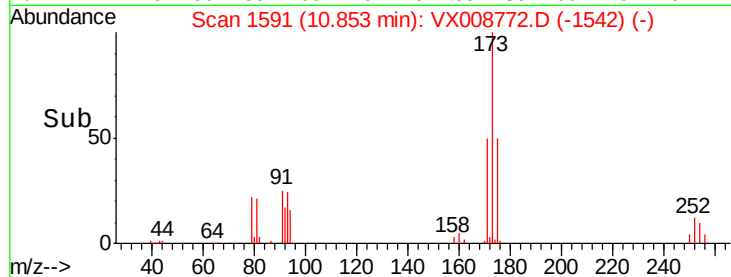
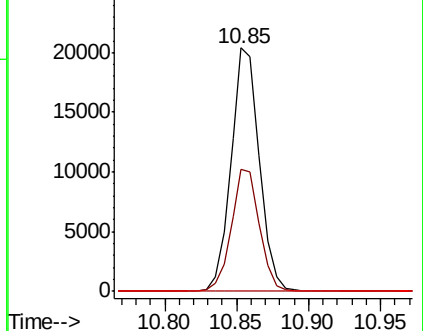
254 0.0 0.1 0.1#



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: VX008772.D

Acq: 09 Apr 2019 15:48

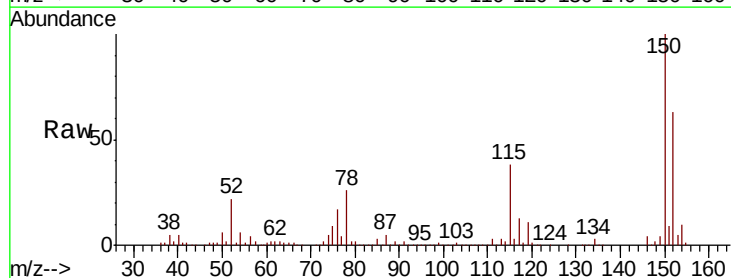
Tgt Ion:152 Resp: 117025

Ion Ratio Lower Upper

152 100

115 69.9 43.5 130.5

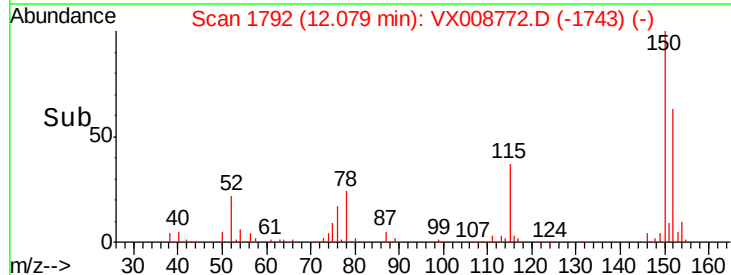
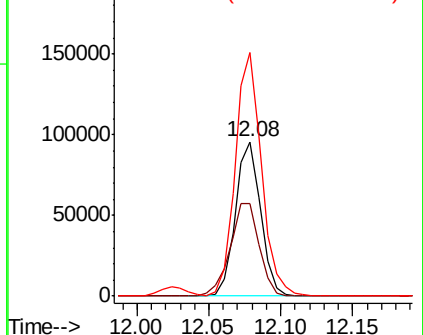
150 163.4 0.0 348.8

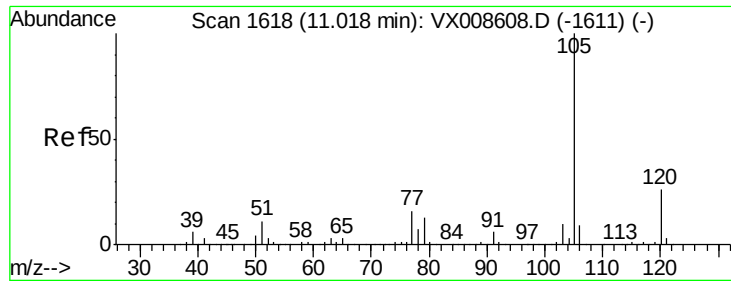


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

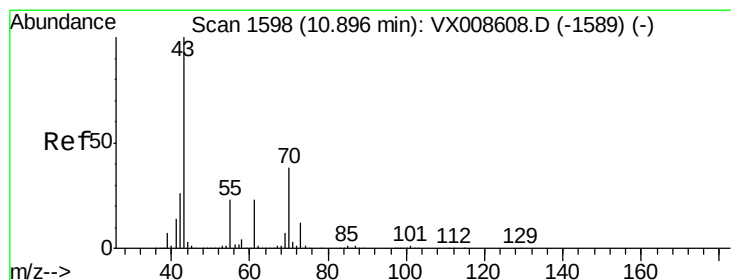
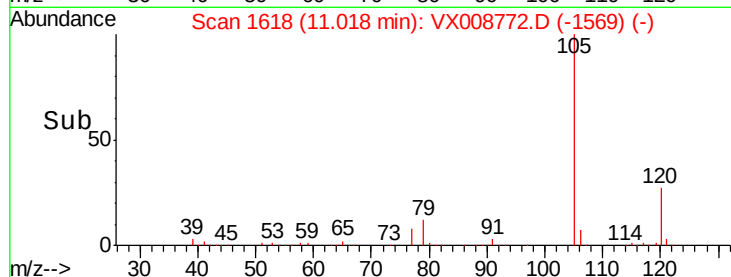
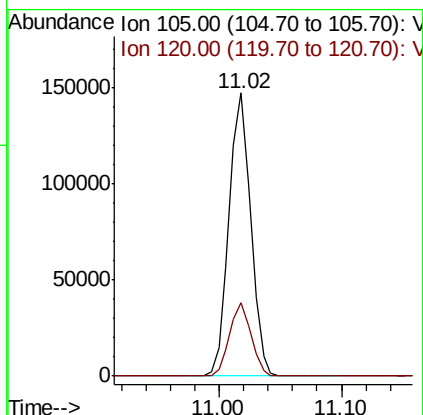
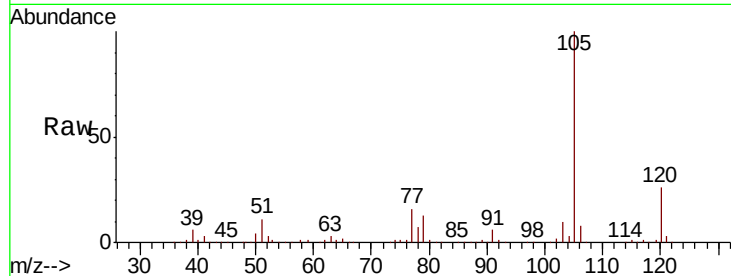




#73
Isopropylbenzene
Concen: 18.680 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

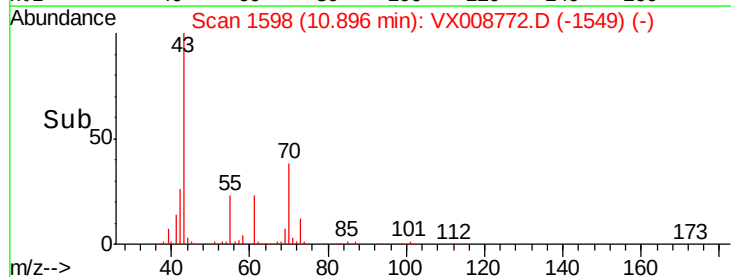
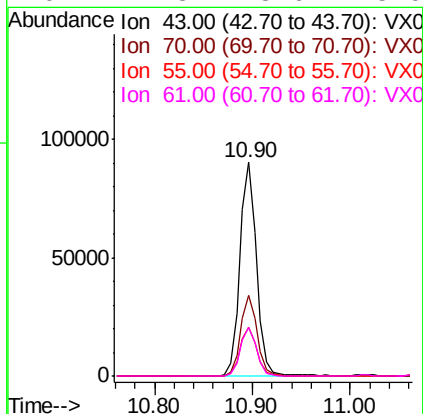
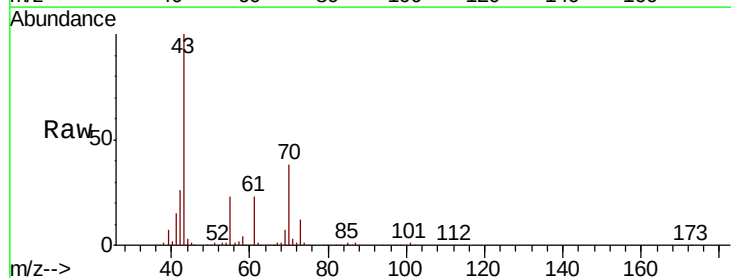
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

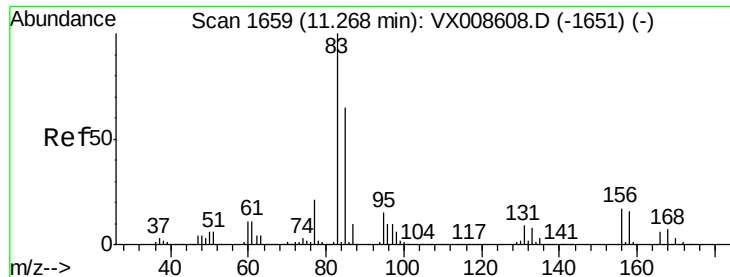
Tgt Ion: 105 Resp: 181166
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6



#74
N-ethyl acetate
Concen: 18.603 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion: 43 Resp: 106145
Ion Ratio Lower Upper
43 100
70 37.5 30.2 45.4
55 23.2 18.2 27.4
61 22.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.999 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

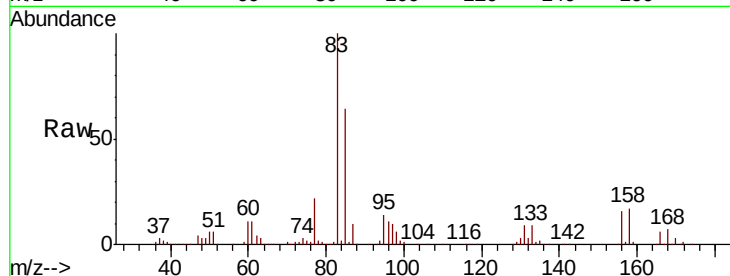
Tgt Ion: 83 Resp: 70074

Ion Ratio Lower Upper

83 100

131 8.8 4.5 13.7

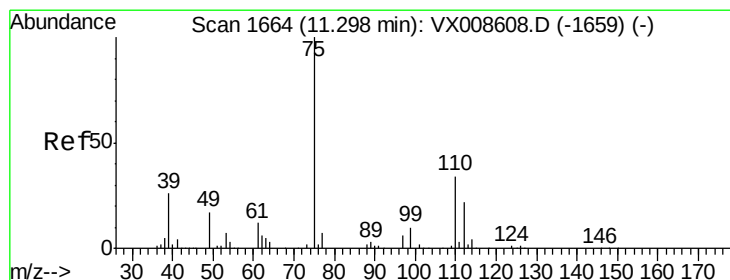
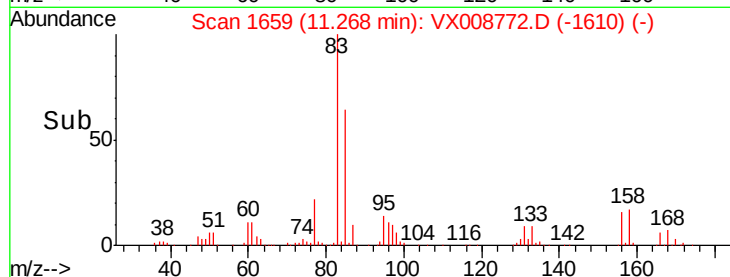
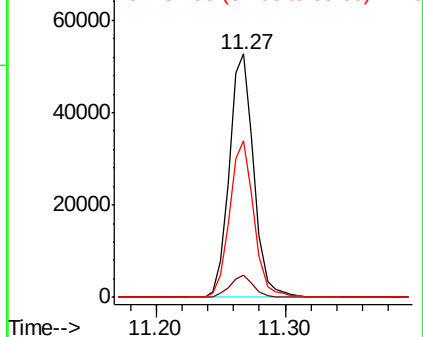
85 63.8 32.0 96.2



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: 24.938 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008772.D

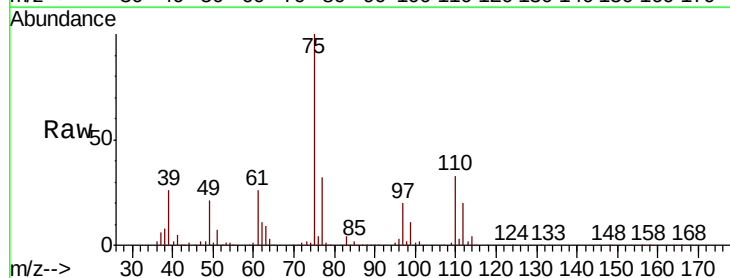
Acq: 09 Apr 2019 15:48

Tgt Ion: 75 Resp: 80171

Ion Ratio Lower Upper

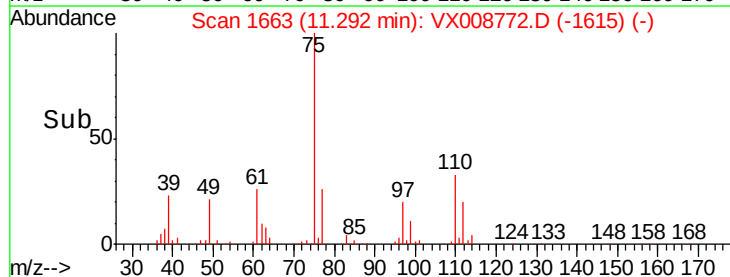
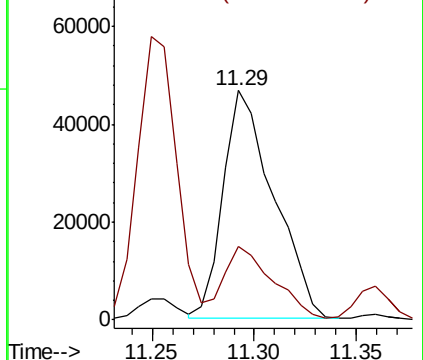
75 100

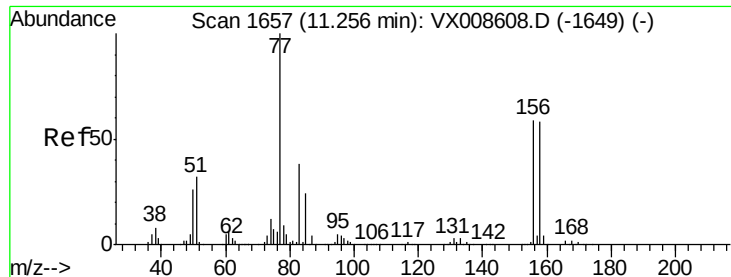
77 32.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.600 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

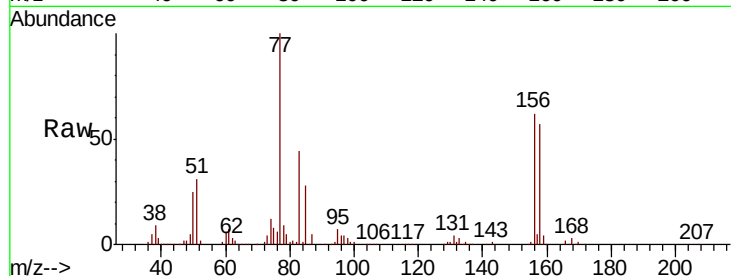
Tgt Ion:156 Resp: 43366

Ion Ratio Lower Upper

156 100

77 178.3 89.8 269.6

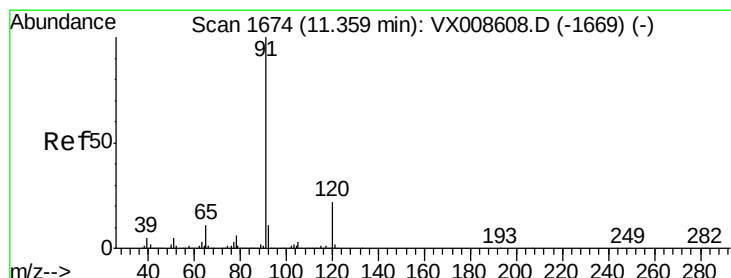
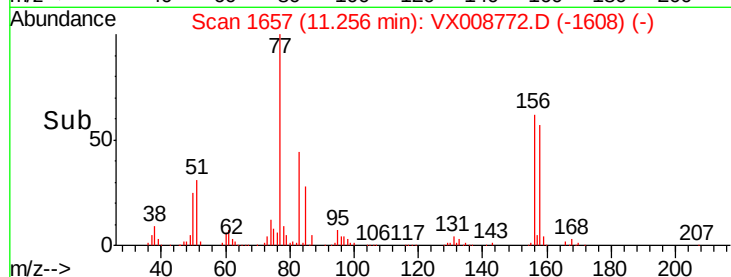
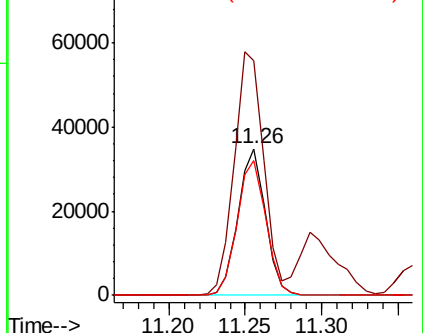
158 96.3 48.6 145.9



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: 18.257 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008772.D

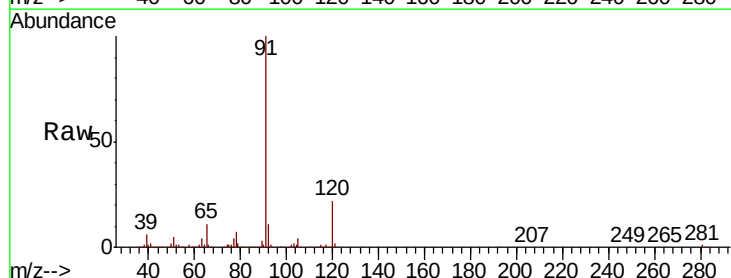
Acq: 09 Apr 2019 15:48

Tgt Ion: 91 Resp: 206165

Ion Ratio Lower Upper

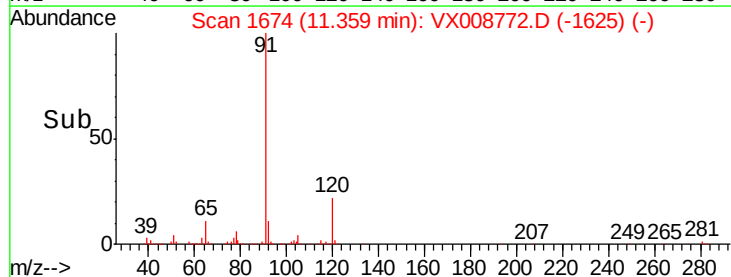
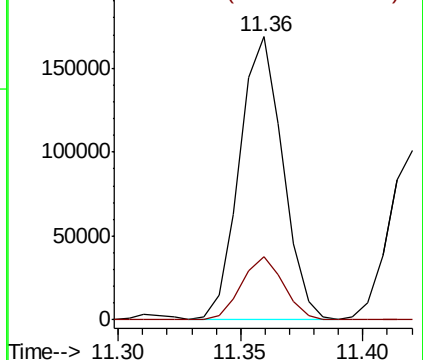
91 100

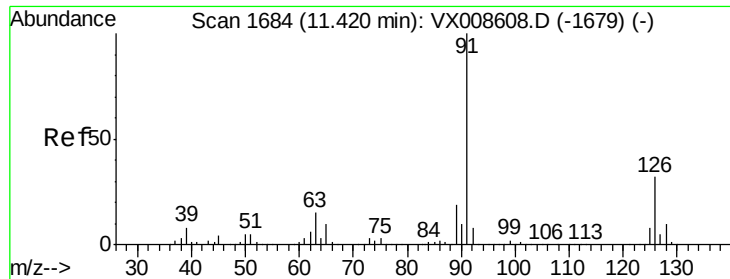
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

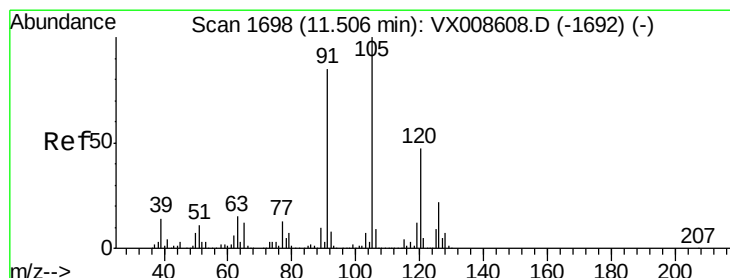
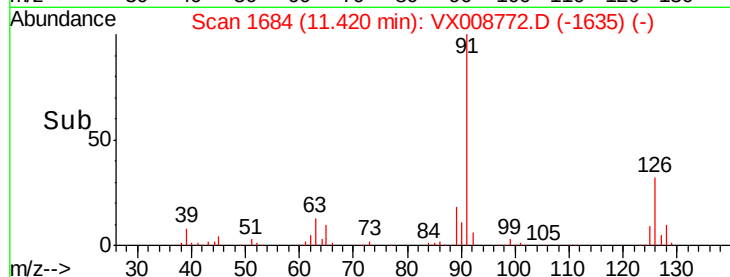
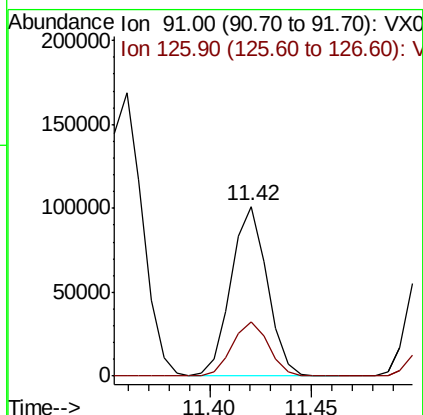
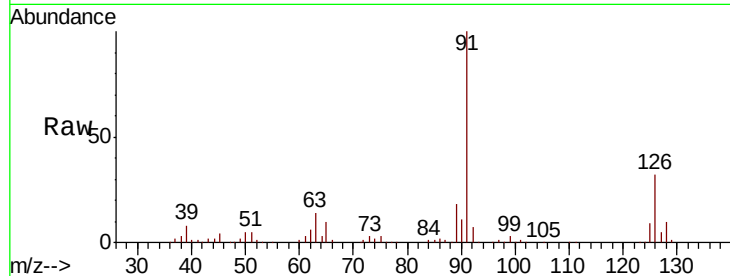




#79
 2-Chlorotoluene
 Concen: 18.060 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

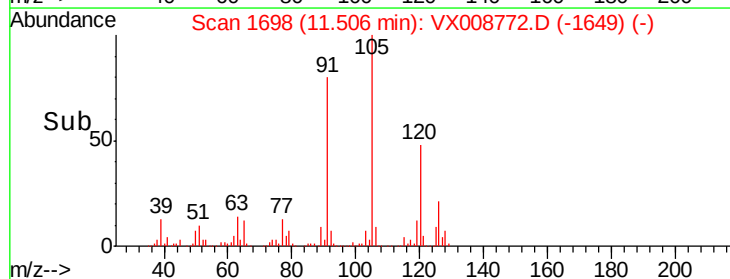
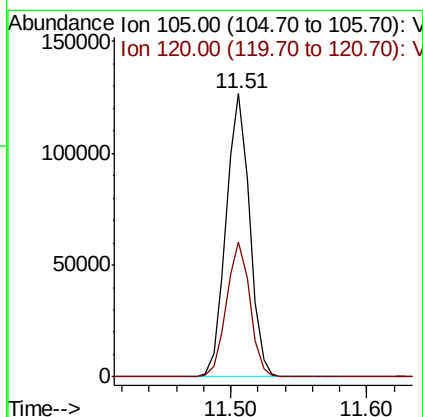
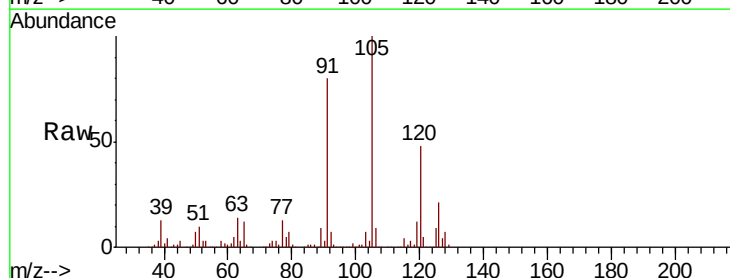
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

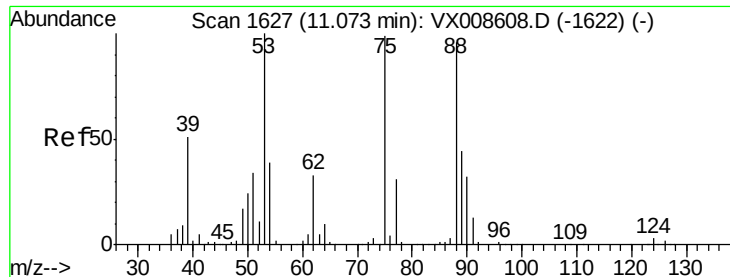
Tgt Ion: 91 Resp: 123418
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.620 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion: 105 Resp: 151583
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.525 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

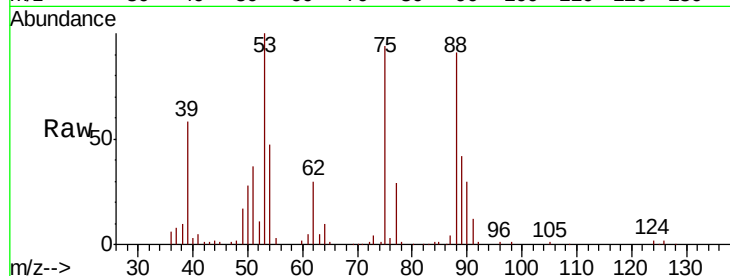
Tgt Ion: 75 Resp: 21605

Ion Ratio Lower Upper

75 100

53 109.4 81.3 121.9

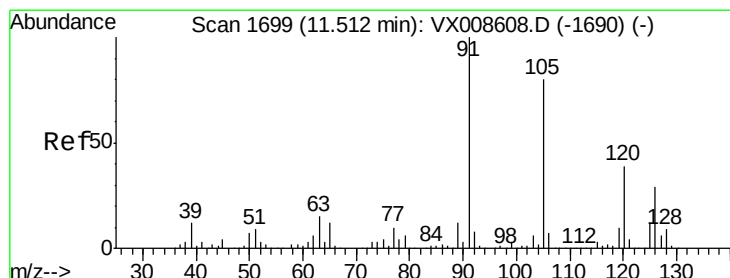
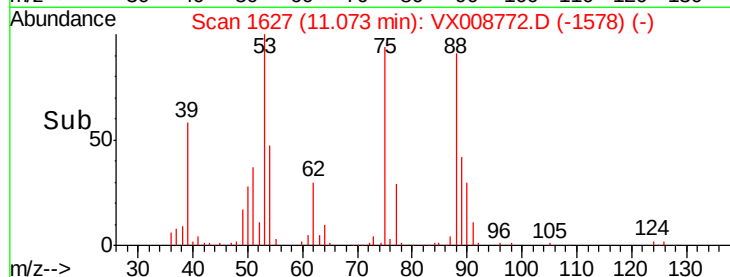
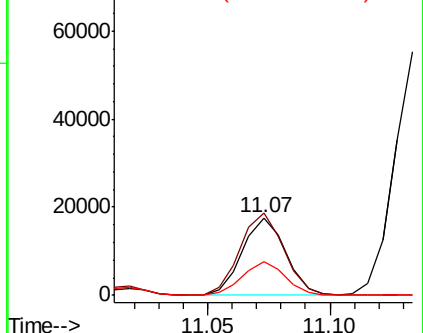
89 43.9 35.6 53.4



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: 17.816 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008772.D

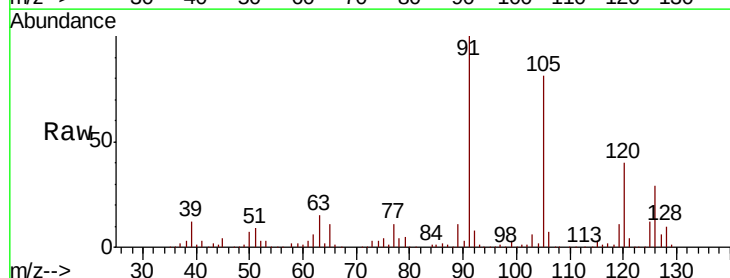
Acq: 09 Apr 2019 15:48

Tgt Ion: 91 Resp: 140929

Ion Ratio Lower Upper

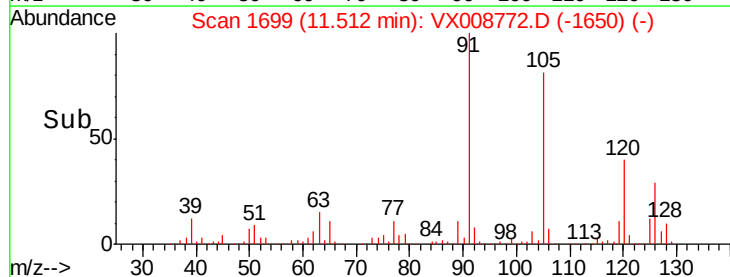
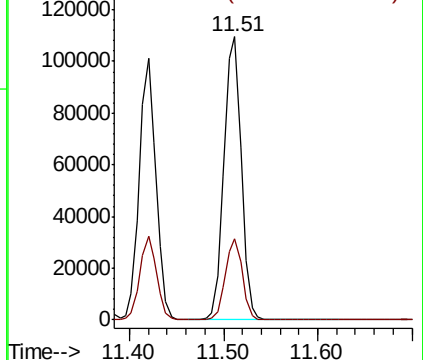
91 100

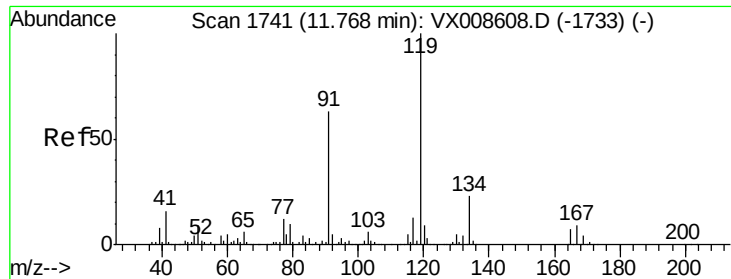
126 28.0 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

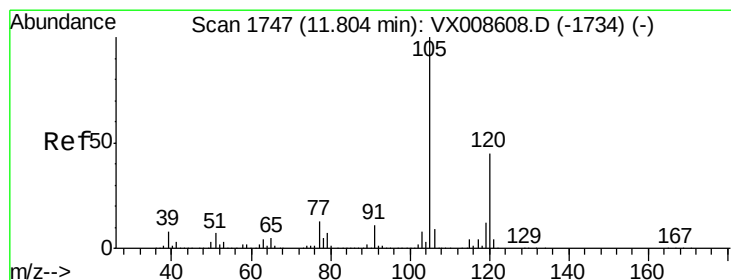
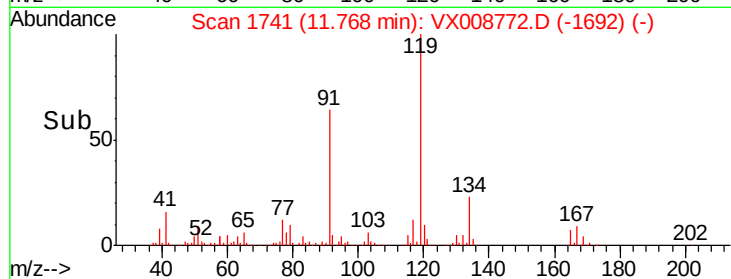
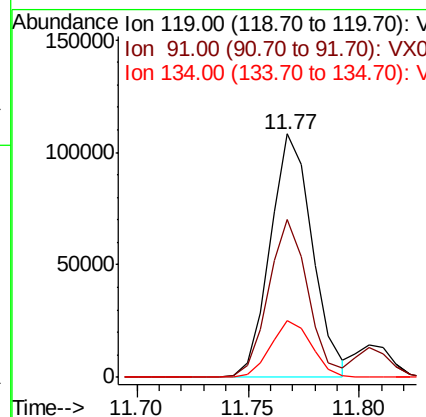
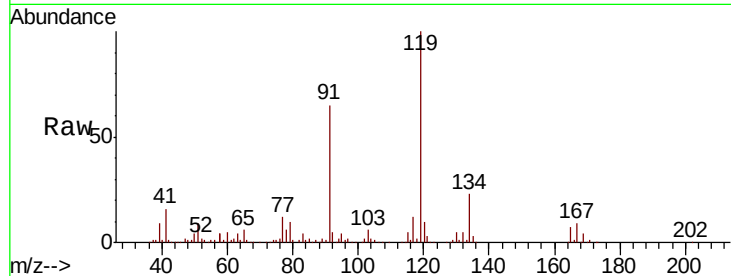




#83
 tert-Butylbenzene
 Concen: 18.105 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

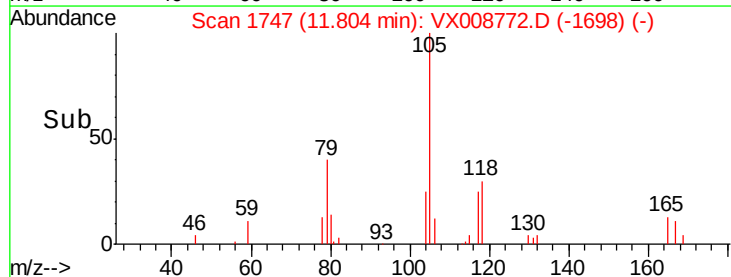
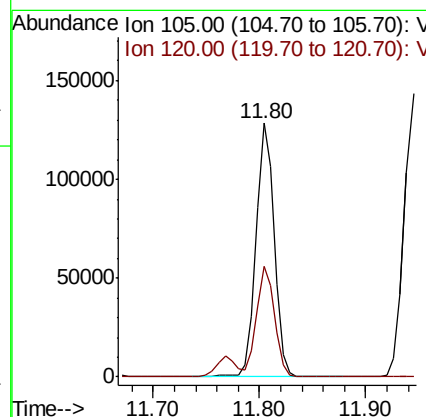
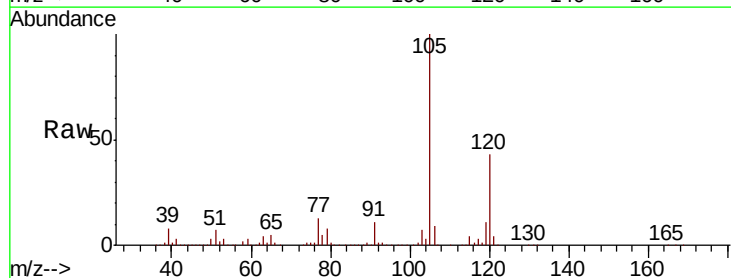
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

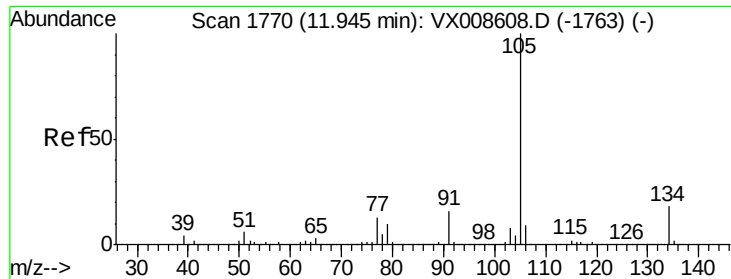
Tgt Ion:119 Resp: 141801
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.0 90.1
 134 22.8 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.756 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion:105 Resp: 154608
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.8 65.3

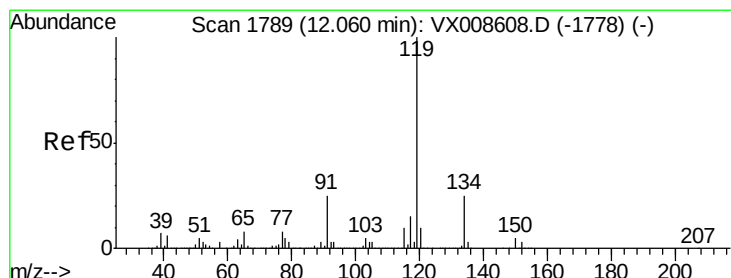
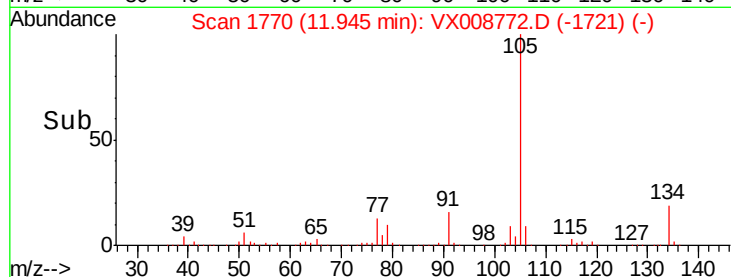
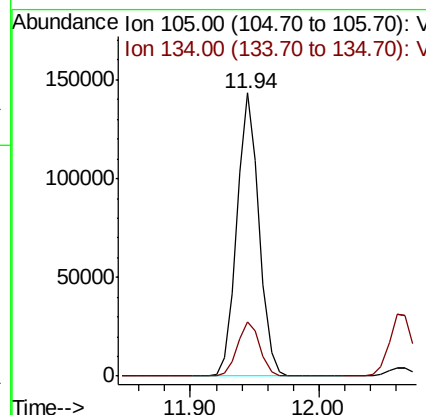
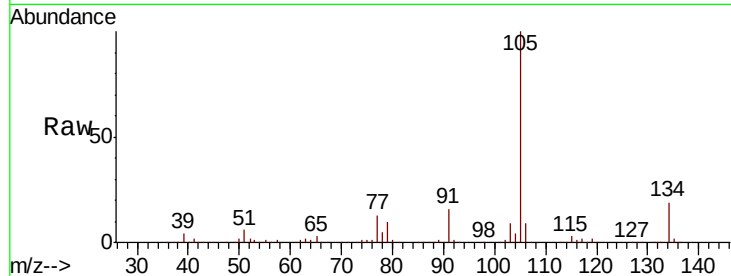




#85
 sec-Butylbenzene
 Concen: 18.474 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

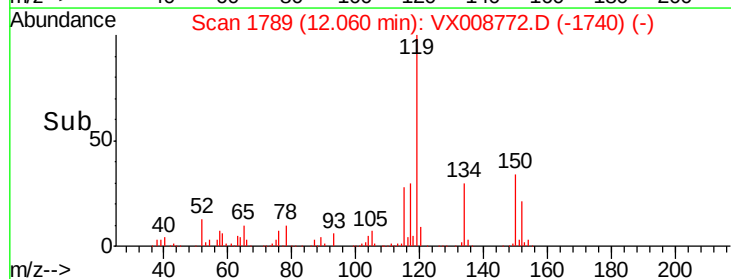
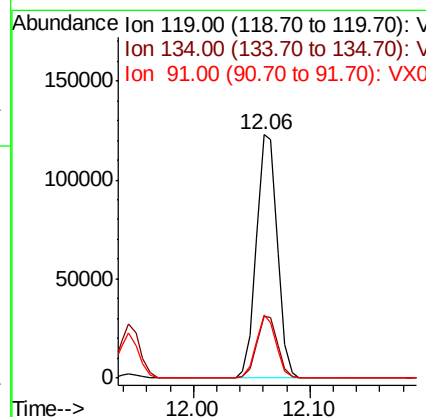
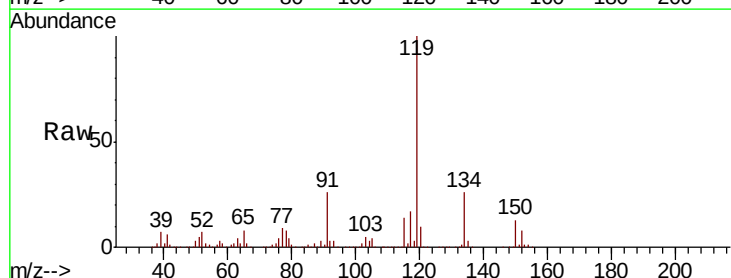
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

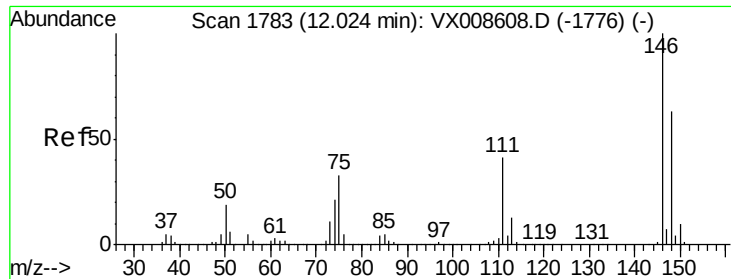
Tgt Ion:105 Resp: 171869
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 18.580 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion:119 Resp: 155142
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.6 12.2 36.6

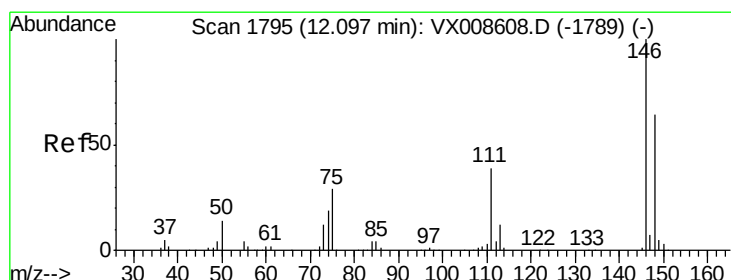
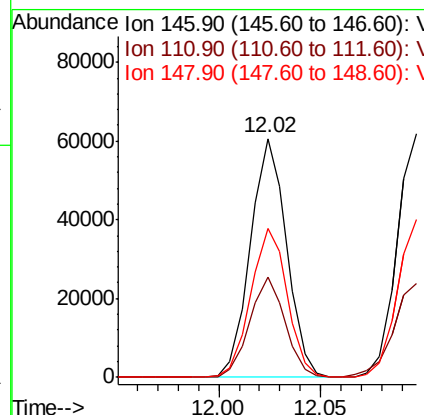
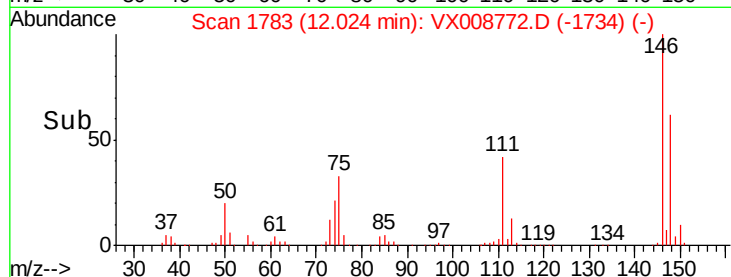
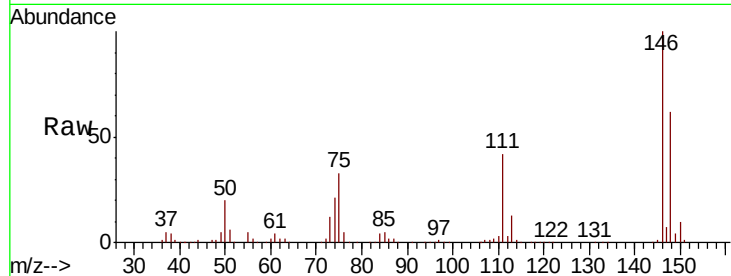




#87
 1,3-Dichlorobenzene
 Concen: 17.942 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

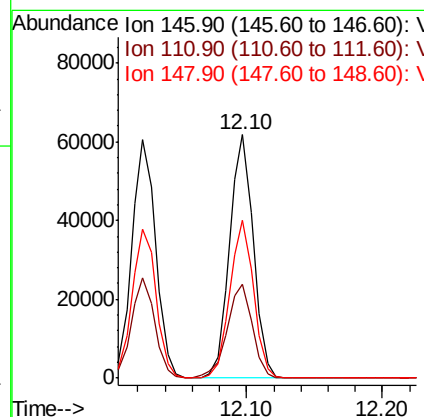
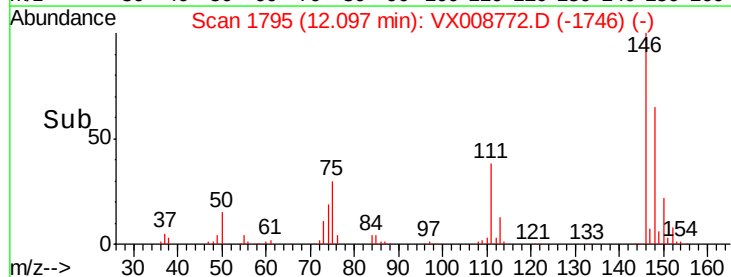
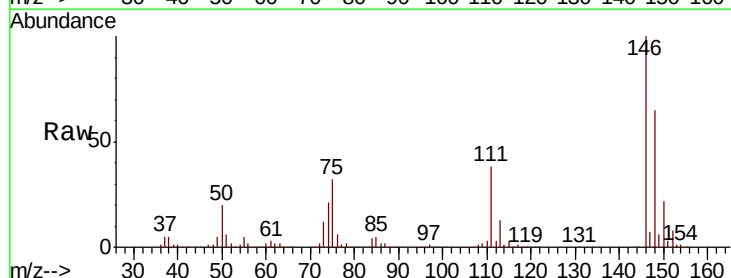
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

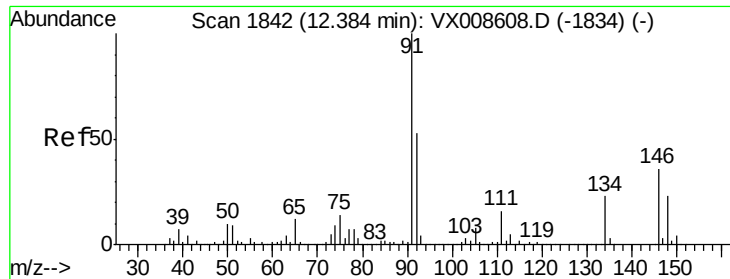
Tgt Ion:146 Resp: 74885
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.5
 148 62.7 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 17.704 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion:146 Resp: 74826
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.2 60.6
 148 64.5 32.0 96.0





#89

n-Butylbenzene

Concen: 18.217 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

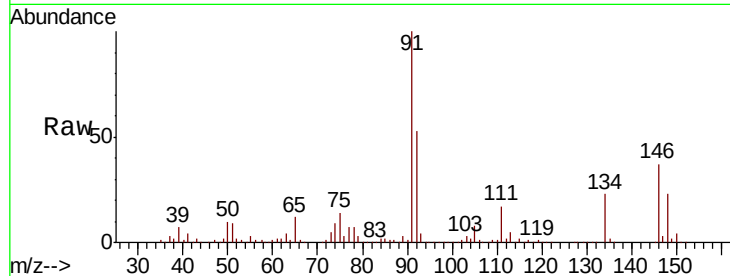
Tgt Ion: 91 Resp: 142653

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

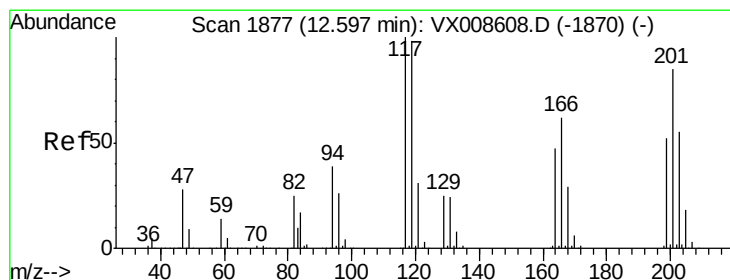
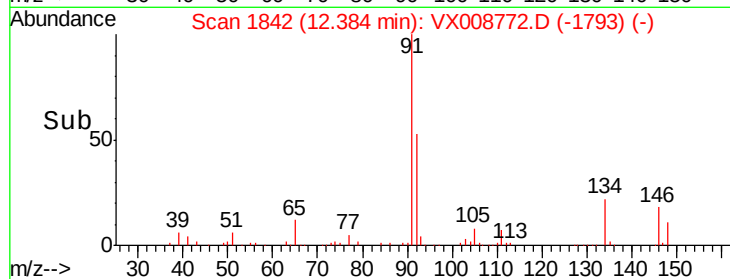
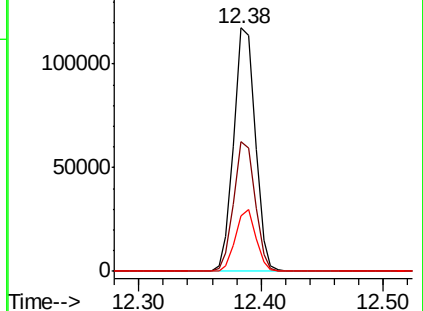
134 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008608.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008608.D (-1834) (-)



#90

Hexachloroethane

Concen: 17.956 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008772.D

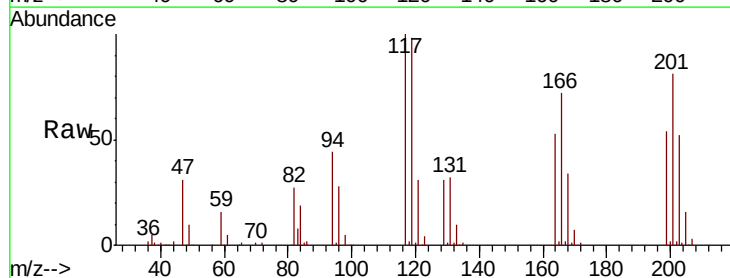
Acq: 09 Apr 2019 15:48

Tgt Ion: 117 Resp: 24867

Ion Ratio Lower Upper

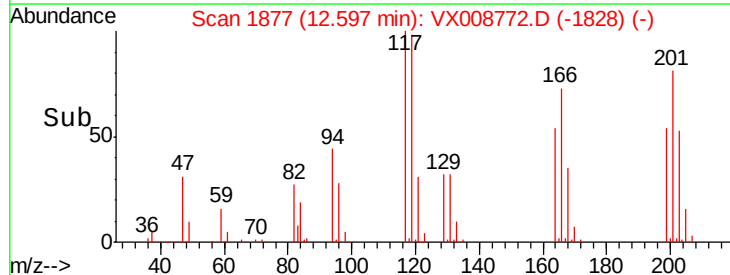
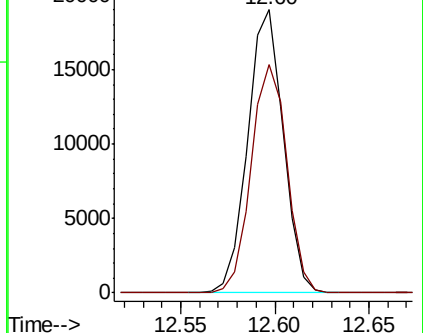
117 100

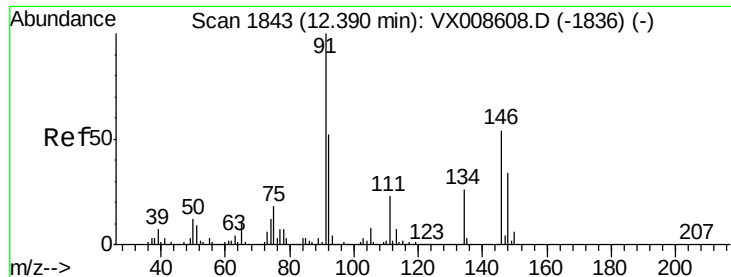
201 81.5 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): VX008608.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008608.D (-1870) (-)





#91

1,2-Dichlorobenzene

Concen: 18.005 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS02

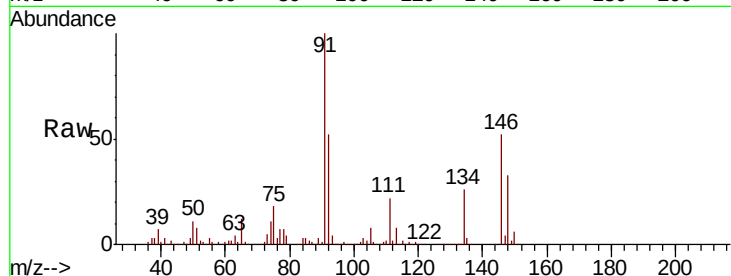
Tgt Ion:146 Resp: 74616

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

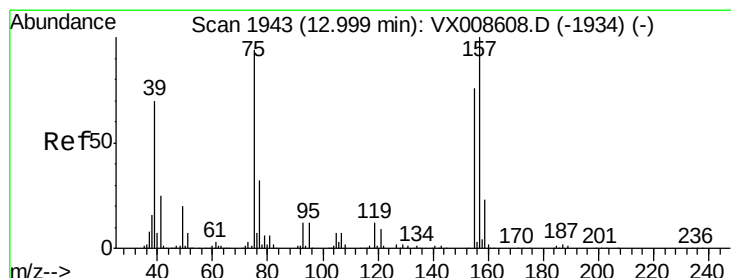
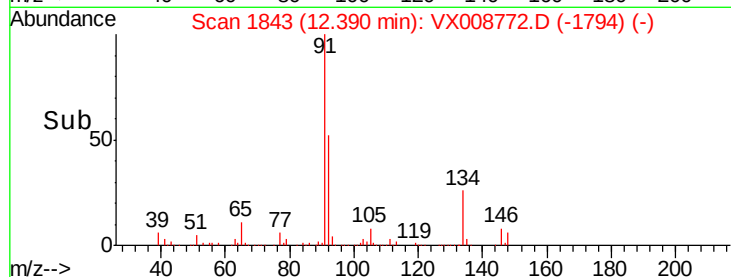
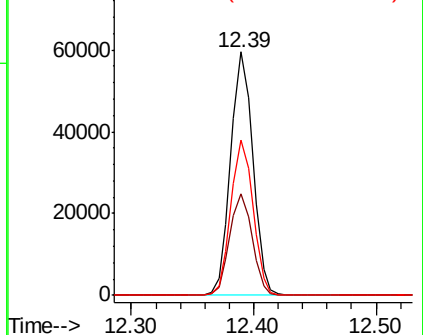
148 63.8 31.7 95.1



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: 18.040 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008772.D

Acq: 09 Apr 2019 15:48

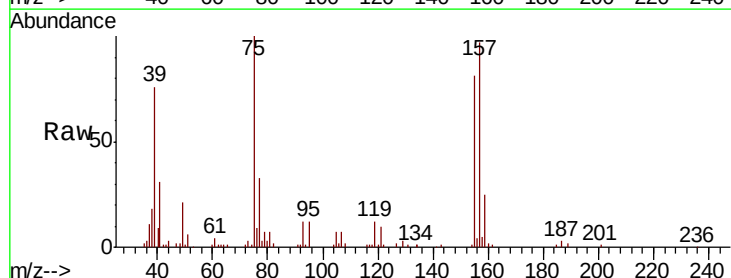
Tgt Ion: 75 Resp: 14637

Ion Ratio Lower Upper

75 100

155 79.4 39.9 119.6

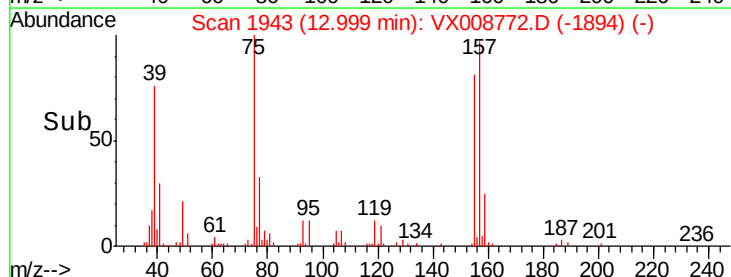
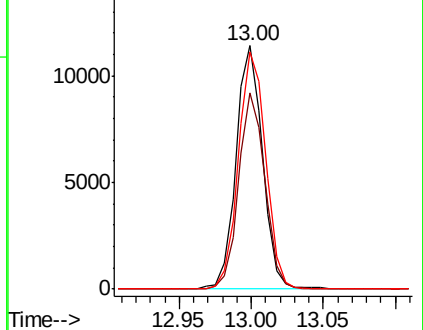
157 99.8 51.5 154.7

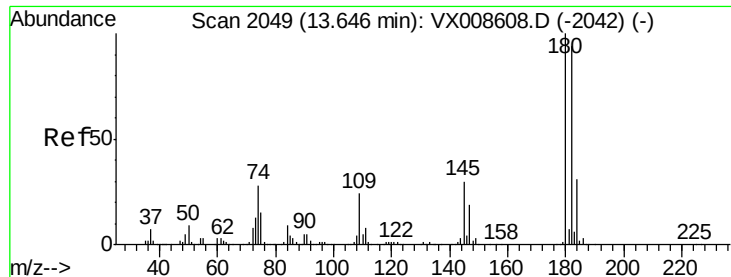


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

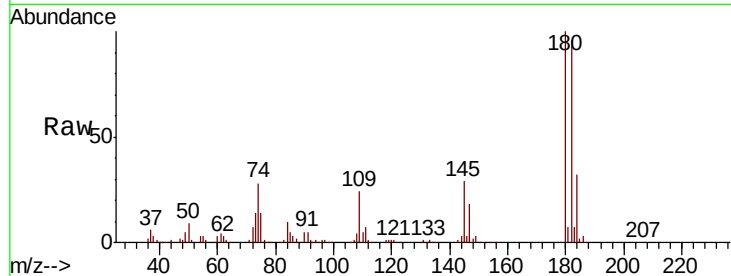




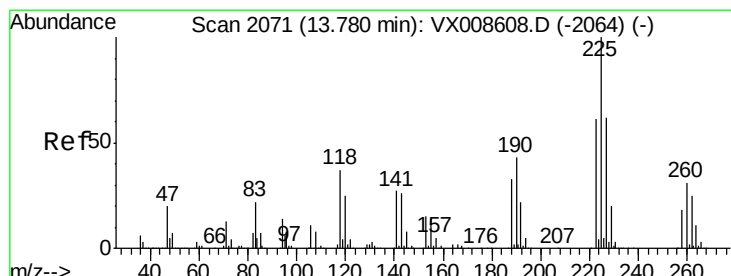
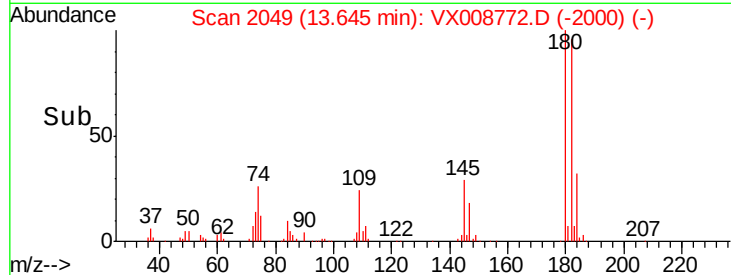
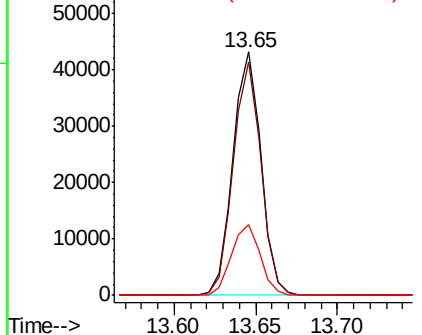
#93
 1,2,4-Trichlorobenzene
 Concen: 17.891 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS02

Tgt Ion:180 Resp: 51550
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.2 141.6
 145 29.8 15.3 45.9

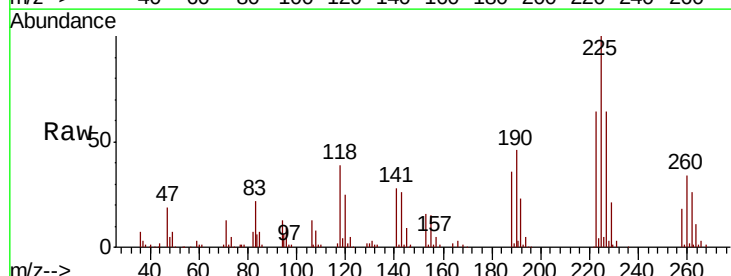


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

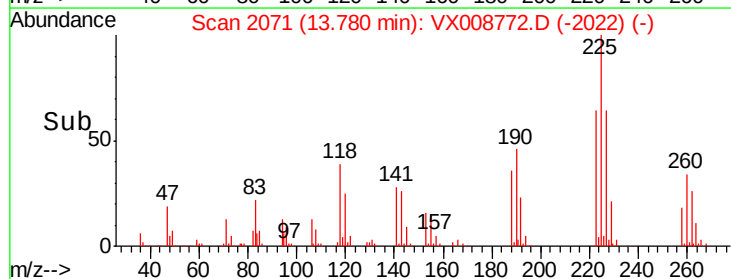
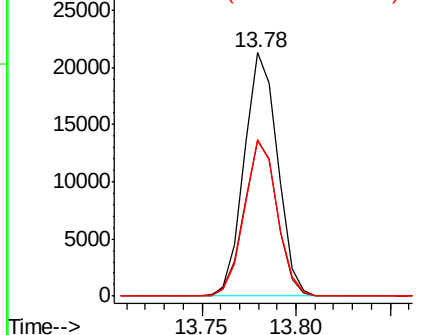


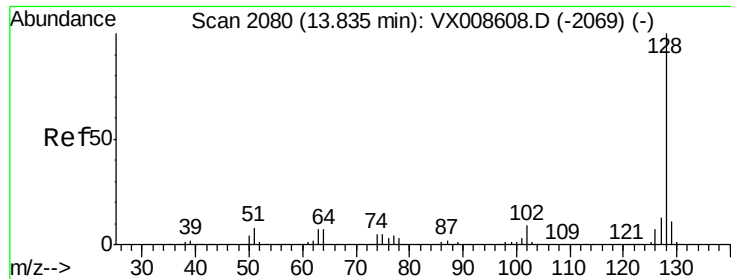
#94
 Hexachlorobutadiene
 Concen: 18.954 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008772.D
 Acq: 09 Apr 2019 15:48

Tgt Ion:225 Resp: 26192
 Ion Ratio Lower Upper
 225 100
 223 63.3 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

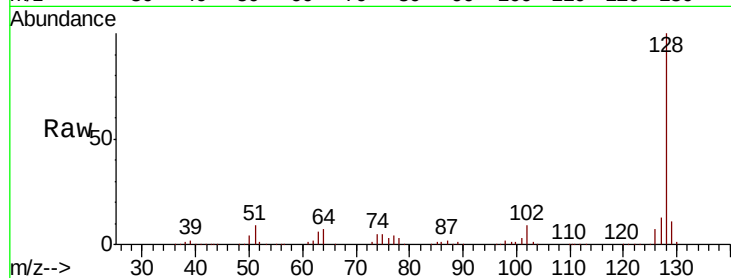




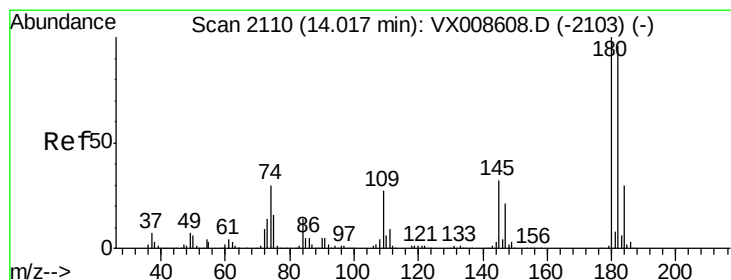
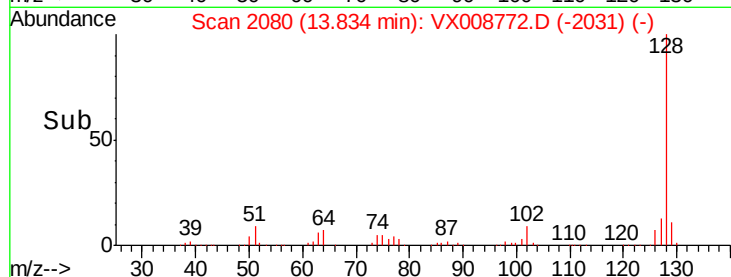
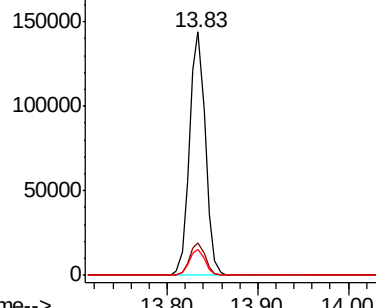
#95
Naphthalene
Concen: 18.362 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS02

Tgt Ion:128 Resp: 176829
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.8 8.6 13.0

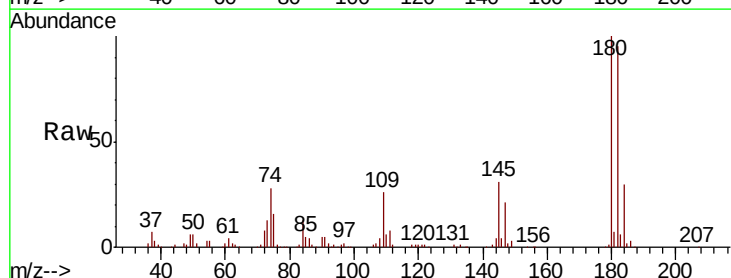


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.175 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008772.D
Acq: 09 Apr 2019 15:48

Tgt Ion:180 Resp: 52322
Ion Ratio Lower Upper
180 100
182 94.5 48.1 144.3
145 31.5 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

