

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040319\
 Data File : VX008619.D
 Acq On : 03 Apr 2019 17:44
 Operator : JC/SP
 Sample : VX0403WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Quant Time: Apr 04 04:55:26 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	198571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132760	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	148664	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
35) Dibromofluoromethane	5.50	113	109036	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	8.71	98	434872	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.13	95	154896	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40557	17.744	ug/l	100
3) Chloromethane	1.32	50	56968	19.300	ug/l	99
4) Vinyl Chloride	1.40	62	53317	17.255	ug/l	99
5) Bromomethane	1.64	94	26391	18.570	ug/l	99
6) Chloroethane	1.71	64	33531	17.928	ug/l	99
7) Trichlorofluoromethane	1.93	101	60005	17.568	ug/l	97
8) Diethyl Ether	2.19	74	28836	17.803	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38744	17.618	ug/l	100
10) Methyl Iodide	2.51	142	30244	17.895	ug/l	100
11) Tert butyl alcohol	3.05	59	62538	92.232	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40399	17.598	ug/l	97
13) Acrolein	2.29	56	26842	79.836	ug/l	95
14) Allyl chloride	2.73	41	91554	17.421	ug/l	100
15) Acrylonitrile	3.14	53	163203	90.856	ug/l	99
16) Acetone	2.45	43	149607	89.683	ug/l	99
17) Carbon Disulfide	2.57	76	118698	17.423	ug/l	99
18) Methyl Acetate	2.78	43	71465	17.664	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	149281	18.209	ug/l	99
20) Methylene Chloride	2.85	84	49115	17.589	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42841	17.253	ug/l	96
22) Diisopropyl ether	3.85	45	183523	18.118	ug/l	91
23) Vinyl Acetate	3.81	43	811575	92.102	ug/l	98
24) 1,1-Dichloroethane	3.70	63	90543	18.054	ug/l	99
25) 2-Butanone	4.68	43	244718	92.816	ug/l	100
26) 2,2-Dichloropropane	4.59	77	60157	17.031	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	49532	17.350	ug/l	99
28) Bromochloromethane	5.01	49	44051	19.161	ug/l	99
29) Tetrahydrofuran	5.13	42	159603	91.204	ug/l	99
30) Chloroform	5.21	83	80436	17.957	ug/l	100
31) Cyclohexane	5.58	56	87461	17.478	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	65193	18.011	ug/l	100
36) 1,1-Dichloropropene	5.80	75	61463	16.755	ug/l	99
37) Ethyl Acetate	4.84	43	89477	18.274	ug/l	97
38) Carbon Tetrachloride	5.79	117	52757	17.376	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76135	16.801	ug/l	99
40) Benzene	6.14	78	192594	17.623	ug/l	98
41) Methacrylonitrile	5.04	41	49282	17.510	ug/l	97
42) 1,2-Dichloroethane	6.20	62	68601	17.510	ug/l	100
43) Isopropyl Acetate	6.45	43	137490	17.925	ug/l	99
44) Trichloroethene	7.21	130	43137	16.948	ug/l	99
45) 1,2-Dichloropropane	7.51	63	55082	17.659	ug/l	100
46) Dibromomethane	7.66	93	31179	17.235	ug/l	99
47) Bromodichloromethane	7.90	83	60234	17.659	ug/l	98
48) Methyl methacrylate	7.77	41	69903	18.016	ug/l	100
49) 1,4-Dioxane	7.74	88	26916	370.317	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	464678	94.109	ug/l	100
52) Toluene	8.79	92	115388	17.909	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	66482	17.399	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	74813	17.135	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	47099	18.212	ug/l	98
56) Ethyl methacrylate	9.18	69	86286	18.440	ug/l	99
57) 1,3-Dichloropropane	9.37	76	83930	18.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	233187	97.595	ug/l	100
59) 2-Hexanone	9.49	43	357097	93.060	ug/l	100
60) Dibromochloromethane	9.58	129	43476	17.840	ug/l	100
61) 1,2-Dibromoethane	9.67	107	47699	17.717	ug/l	98
64) Tetrachloroethene	9.34	164	36909	16.769	ug/l	98
65) Chlorobenzene	10.14	112	115069	17.474	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	40278	17.434	ug/l	98
67) Ethyl Benzene	10.25	91	216981	17.670	ug/l	99
68) m/p-Xylenes	10.36	106	153644	34.799	ug/l	99
69) o-Xylene	10.70	106	75835	17.724	ug/l	100
70) Styrene	10.71	104	131197	17.788	ug/l	99
71) Bromoform	10.86	173	30560	17.320	ug/l #	98
73) Isopropylbenzene	11.02	105	202574	18.412	ug/l	100
74) N-amyl acetate	10.90	43	120146	18.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77995	18.640	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	87534	24.001	ug/l	81
77) Bromobenzene	11.26	156	47521	17.967	ug/l	99
78) n-propylbenzene	11.36	91	231968	18.107	ug/l	100
79) 2-Chlorotoluene	11.42	91	139757	18.027	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	168021	18.193	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22803	17.235	ug/l	93
82) 4-Chlorotoluene	11.51	91	157475	17.549	ug/l	100
83) tert-Butylbenzene	11.77	119	159424	17.943	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	171831	18.375	ug/l	99
85) sec-Butylbenzene	11.94	105	192653	18.254	ug/l	99
86) p-Isopropyltoluene	12.06	119	171068	18.059	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	82261	17.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83179	17.348	ug/l	99
89) n-Butylbenzene	12.38	91	155830	17.541	ug/l	99
90) Hexachloroethane	12.60	117	27787	17.686	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	83758	17.816	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16753	18.200	ug/l	97

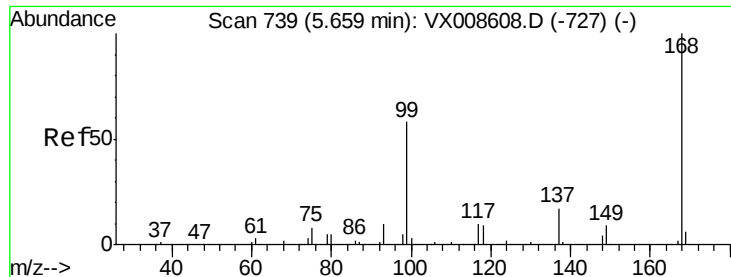
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040319\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55742	17.053	ug/l	99
94) Hexachlorobutadiene	13.78	225	27718	17.681	ug/l	99
95) Naphthalene	13.83	128	194553	17.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57023	17.460	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

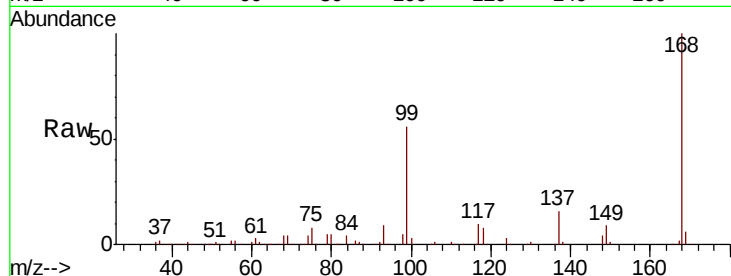
VX0403WBS01

Tot Ion:168 Resp: 198571

Ion Ratio Lower Upper

168 100

99 56.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

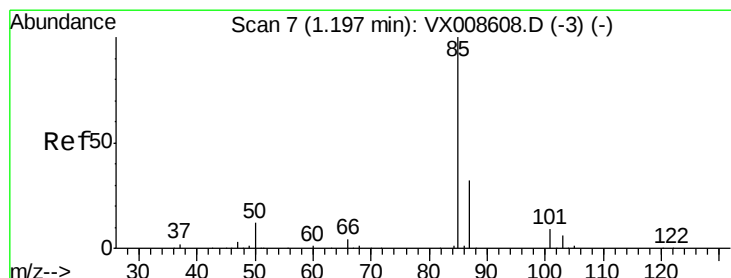
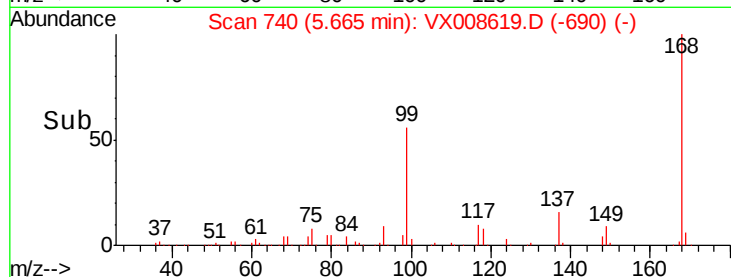
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.744 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008619.D

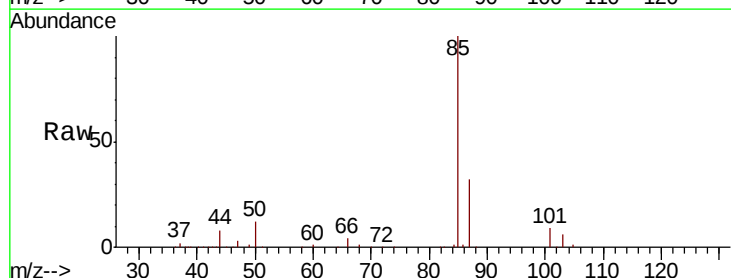
Acq: 03 Apr 2019 17:44

Tgt Ion: 85 Resp: 40557

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

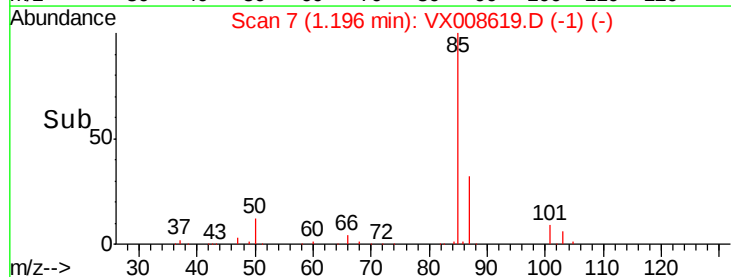
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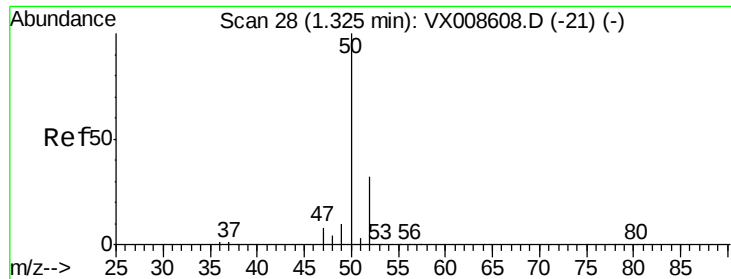
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.300 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

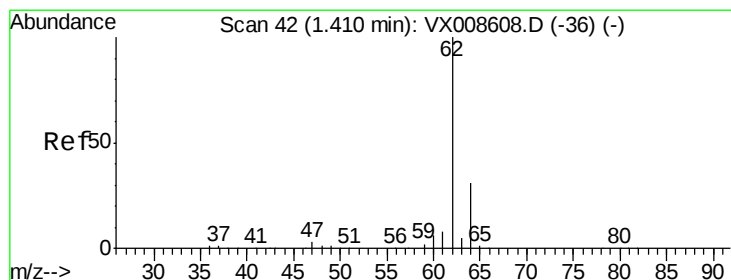
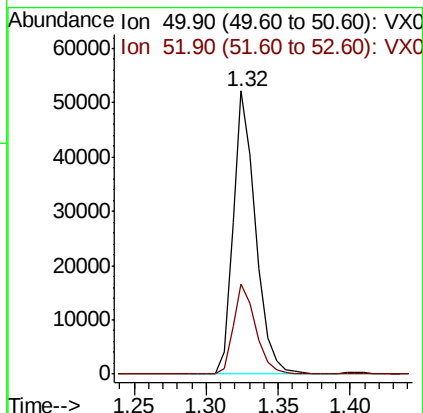
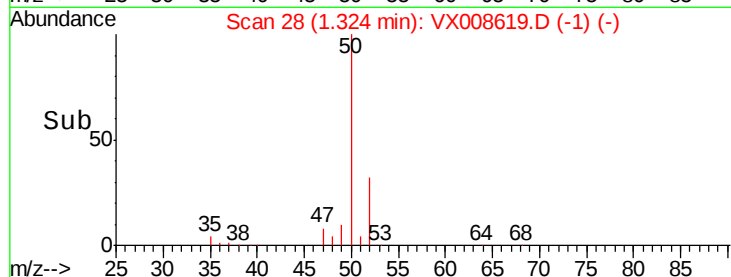
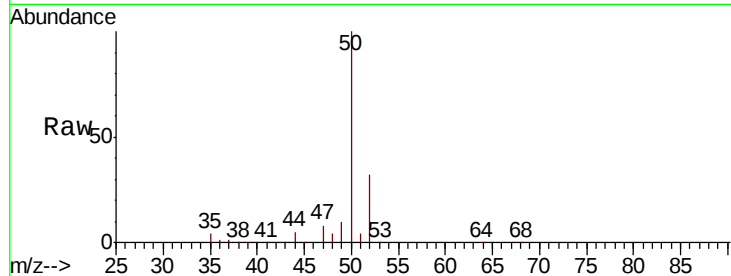
VX0403WBS01

Tot Ion: 50 Resp: 56968

Ion Ratio Lower Upper

50 100

52 31.8 25.8 38.8



#4

Vinyl Chloride

Concen: 17.255 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008619.D

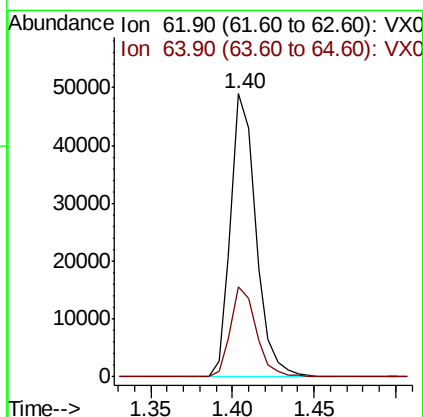
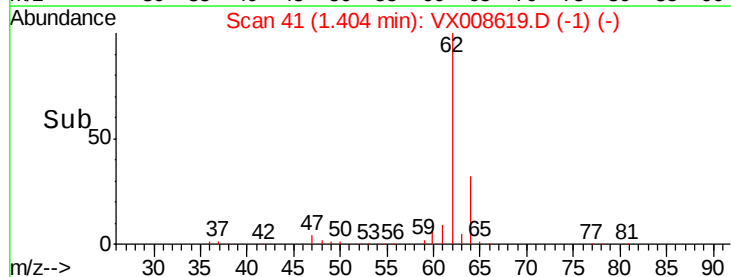
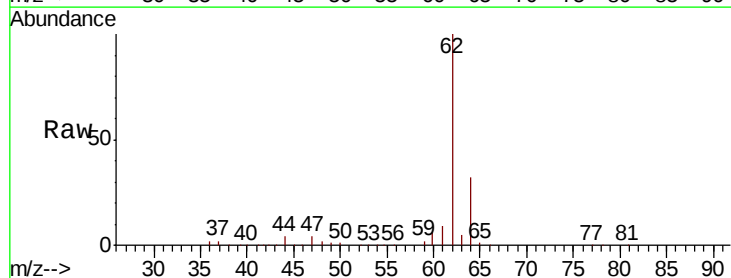
Acq: 03 Apr 2019 17:44

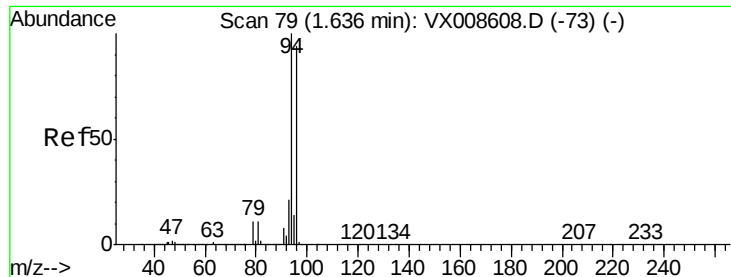
Tgt Ion: 62 Resp: 53317

Ion Ratio Lower Upper

62 100

64 31.5 24.7 37.1





#5

Bromomethane

Concen: 18.570 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

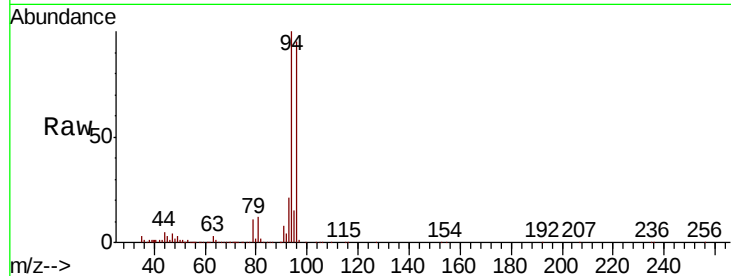
VX0403WBS01

Tot Ion: 94 Resp: 26391

Ion Ratio Lower Upper

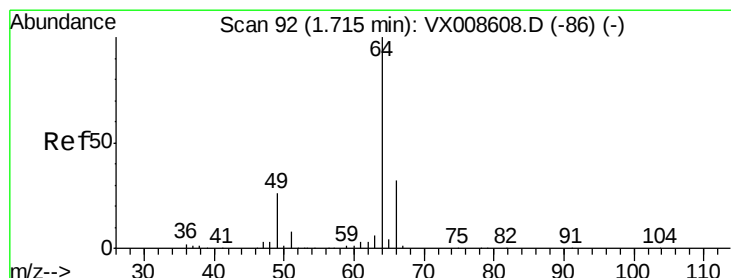
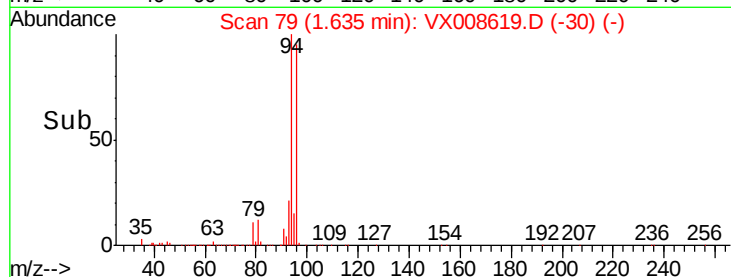
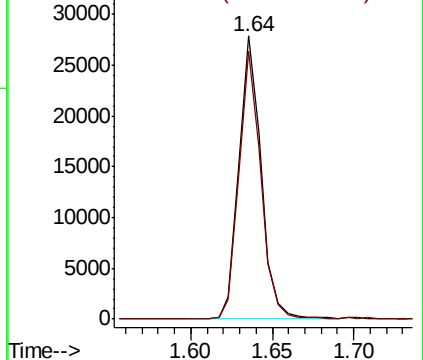
94 100

96 94.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.928 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008619.D

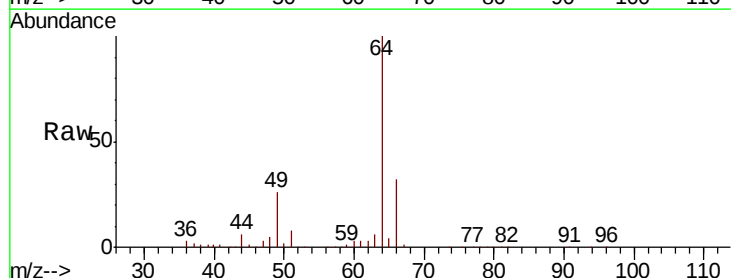
Acq: 03 Apr 2019 17:44

Tgt Ion: 64 Resp: 33531

Ion Ratio Lower Upper

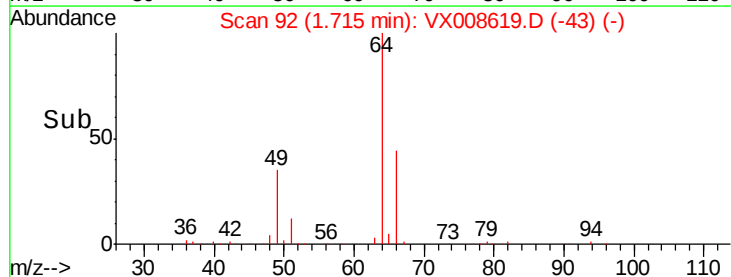
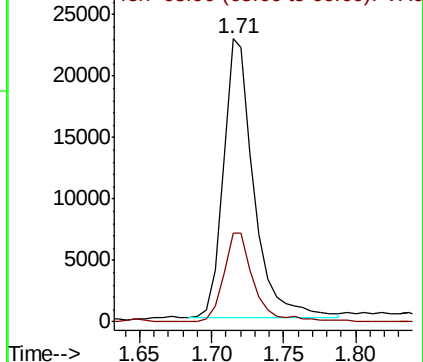
64 100

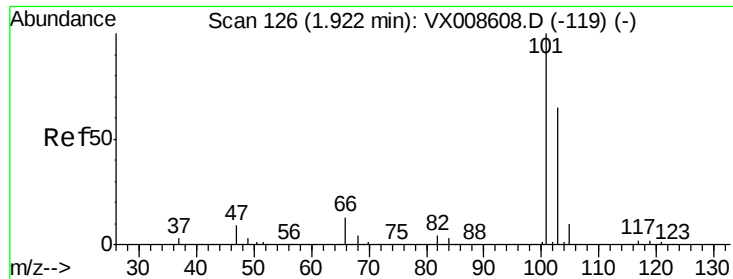
66 32.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



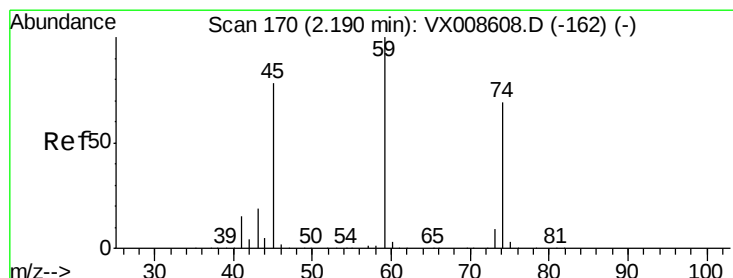
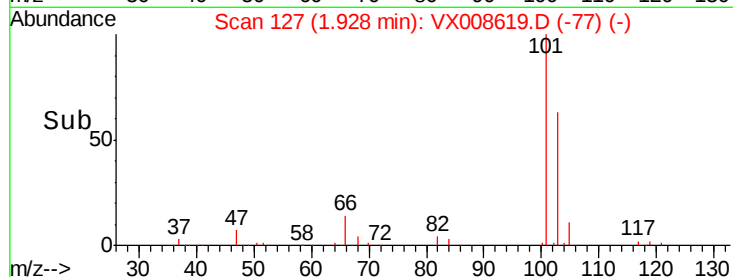
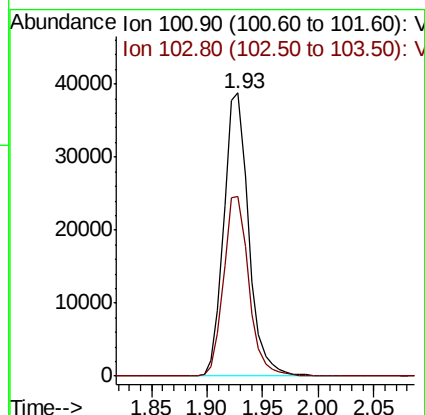
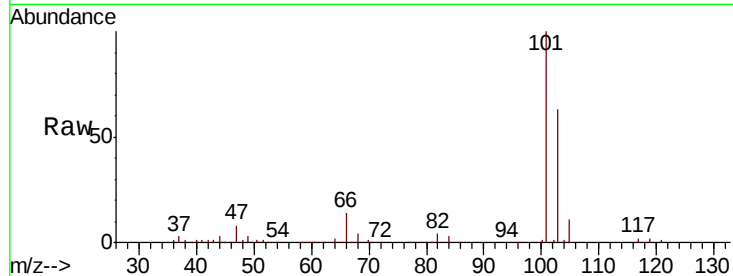


#7

Trichlorofluoromethane
 Concen: 17.568 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Instrument :
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 VX0403WBS01

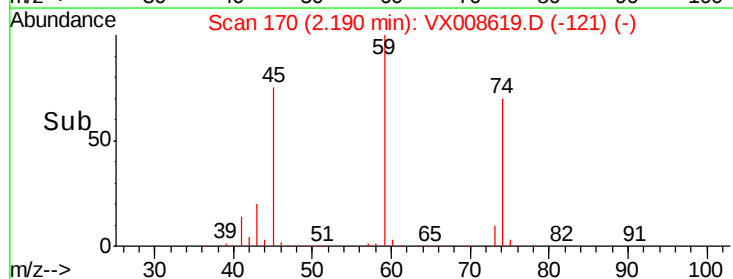
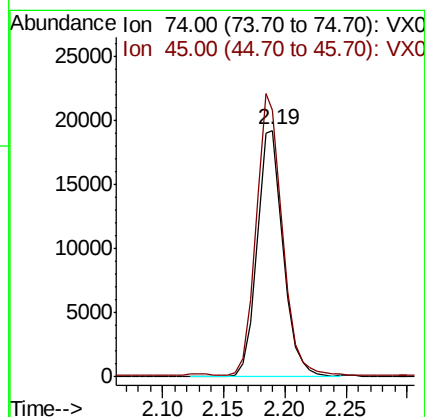
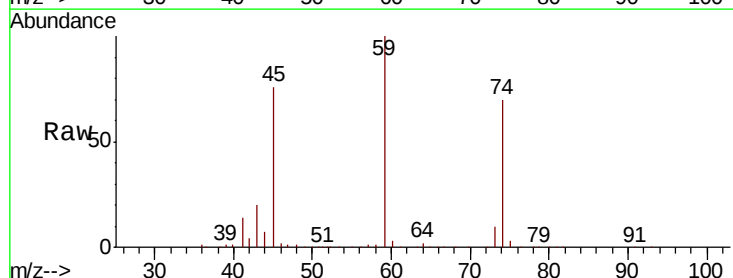
Tot Ion:101 Resp: 60005
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.3 78.5



#8

Diethyl Ether
 Concen: 17.803 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion: 74 Resp: 28836
 Ion Ratio Lower Upper
 74 100
 45 113.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.618 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

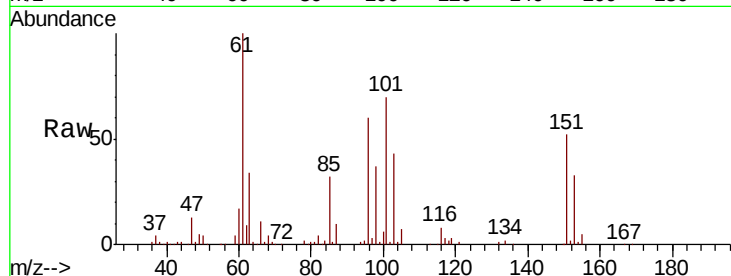
Tot Ion:101 Resp: 38744

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

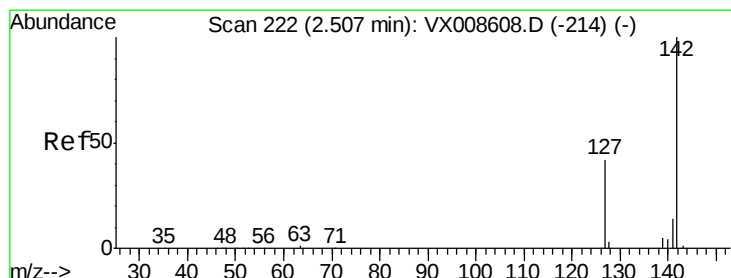
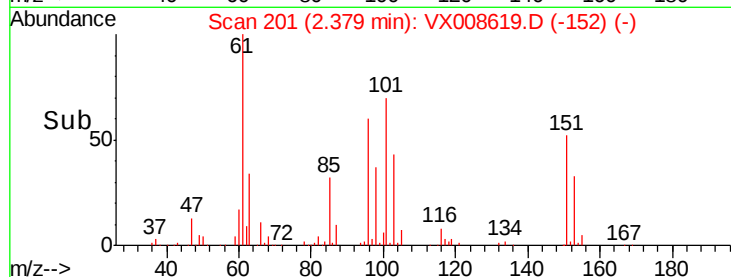
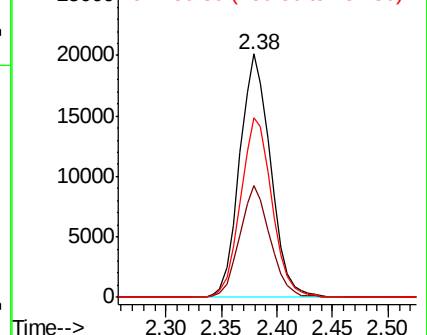
151 74.8 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.895 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

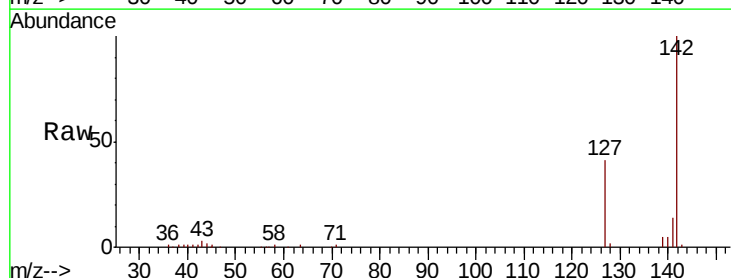
Tgt Ion:142 Resp: 30244

Ion Ratio Lower Upper

142 100

127 41.7 33.0 49.6

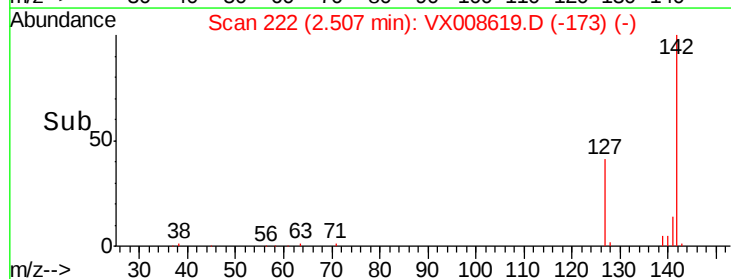
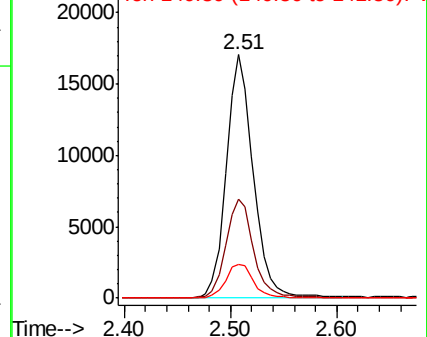
141 14.3 11.4 17.2

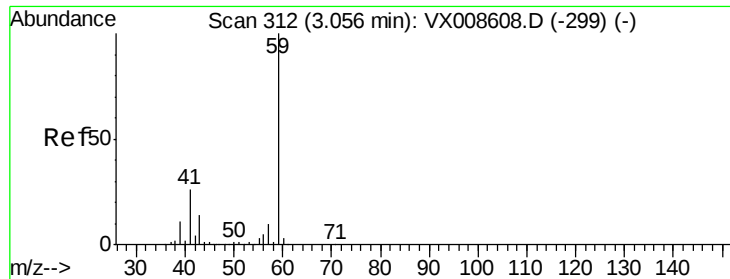


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

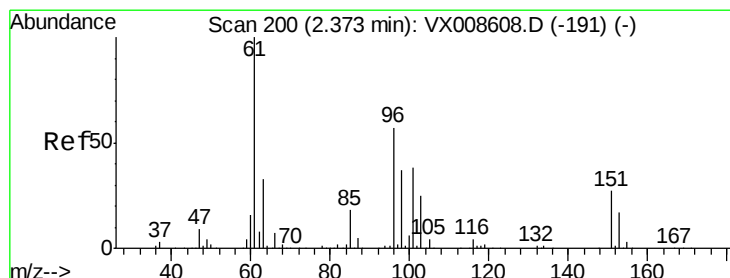
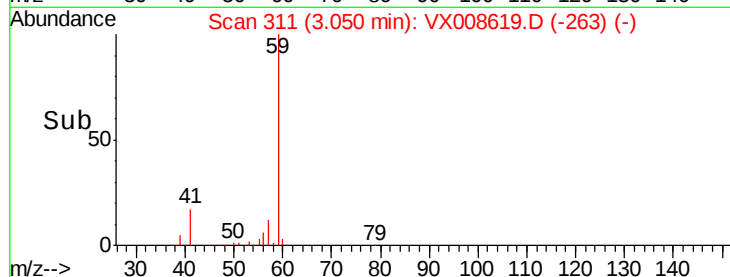
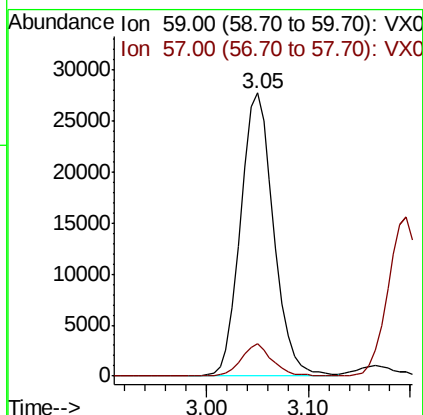
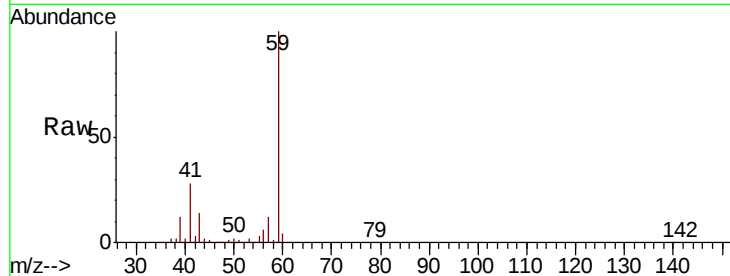




#11
Tert butyl alcohol
Concen: 92.232 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

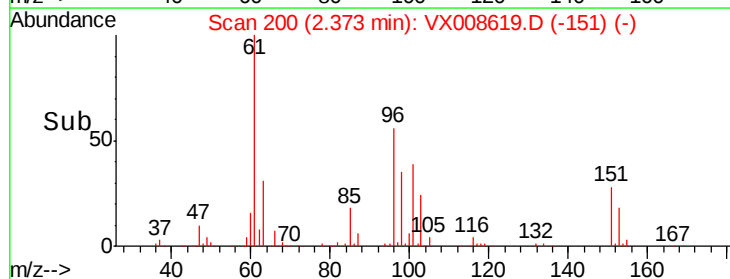
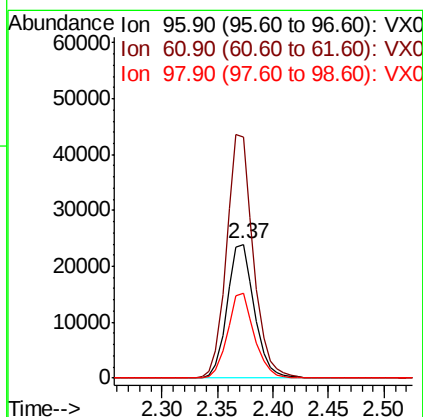
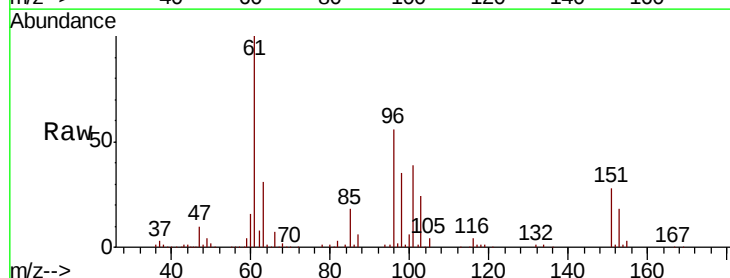
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

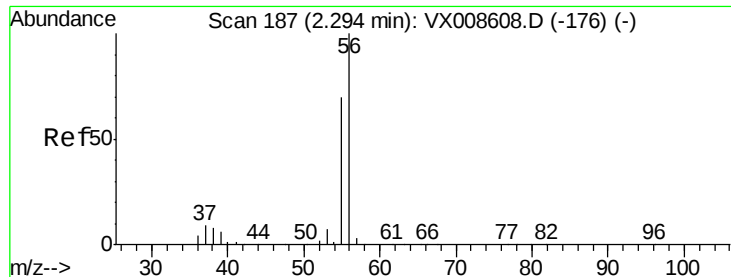
Tot Ion: 59 Resp: 62538
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.598 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 96 Resp: 40399
Ion Ratio Lower Upper
96 100
61 179.9 140.9 211.3
98 63.5 52.1 78.1





#13

Acrolein

Concen: 79.836 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

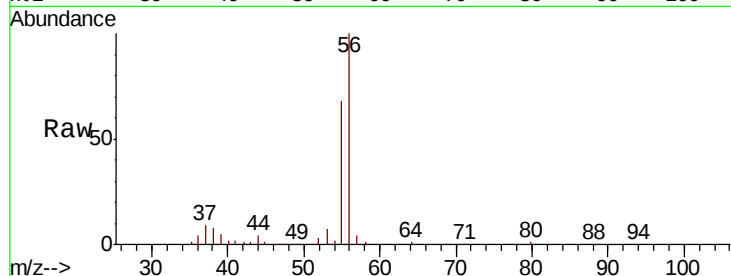
VX0403WBS01

Tot Ion: 56 Resp: 26842

Ion Ratio Lower Upper

56 100

55 68.7 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

15000

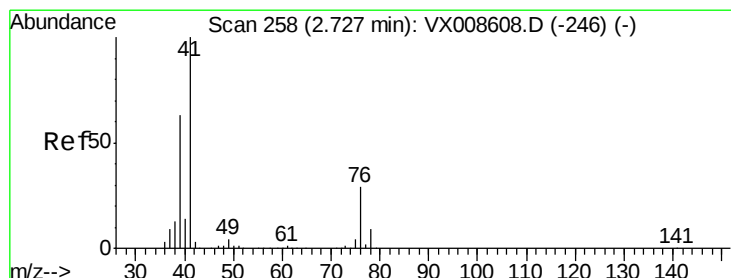
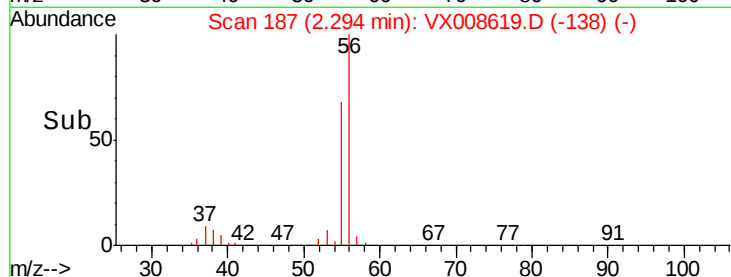
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 17.421 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

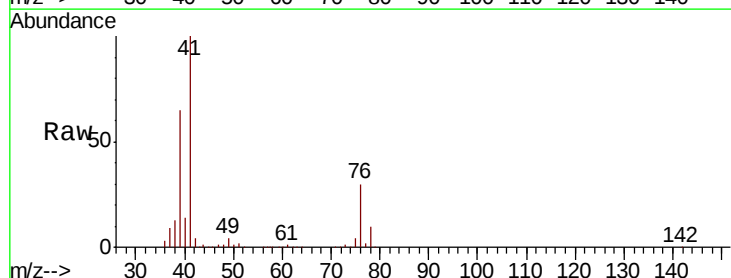
Tgt Ion: 41 Resp: 91554

Ion Ratio Lower Upper

41 100

39 60.3 48.0 72.0

76 27.2 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

30000

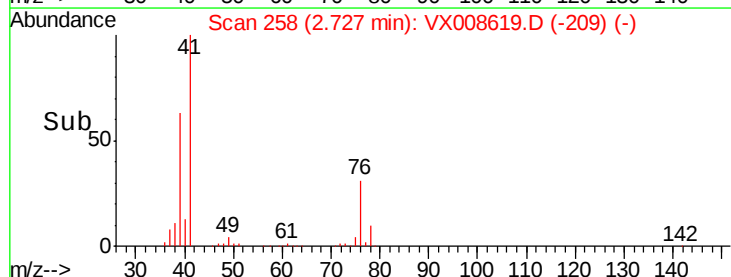
20000

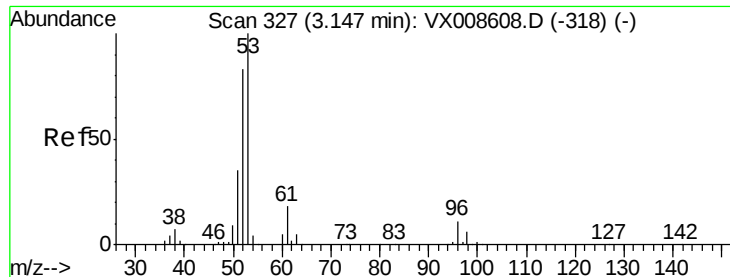
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 90.856 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0403WBS01

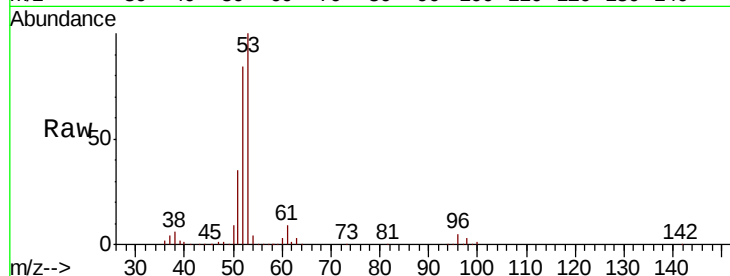
Tot Ion: 53 Resp: 163203

Ion Ratio Lower Upper

53 100

52 83.9 66.5 99.7

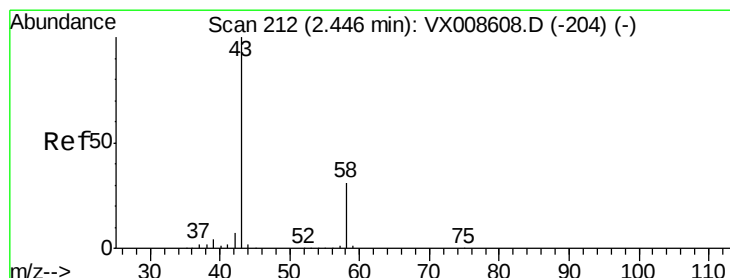
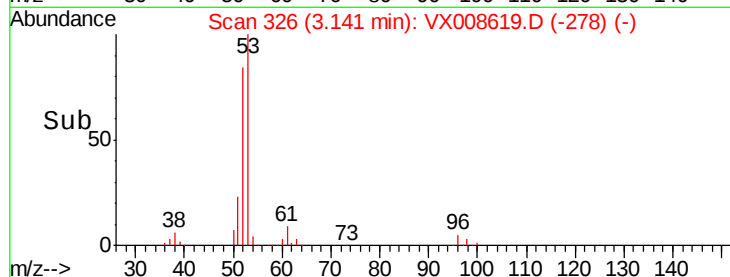
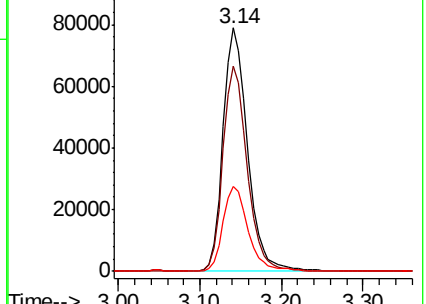
51 35.9 28.6 42.8



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: 89.683 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008619.D

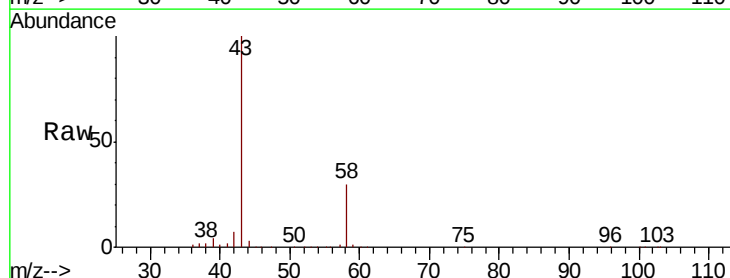
Acq: 03 Apr 2019 17:44

Tgt Ion: 43 Resp: 149607

Ion Ratio Lower Upper

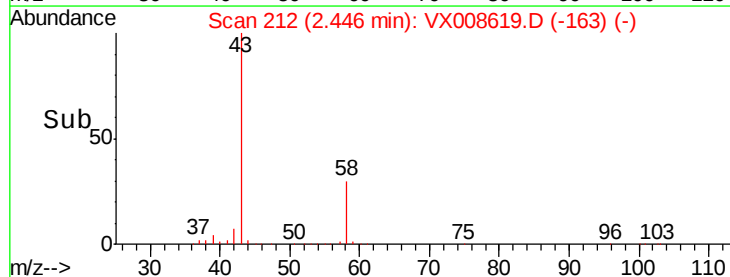
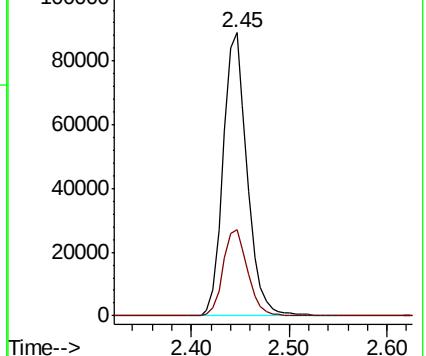
43 100

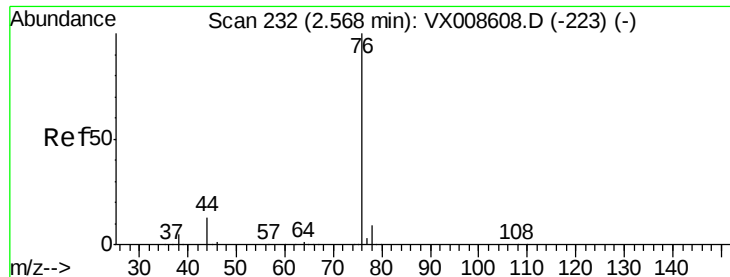
58 30.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

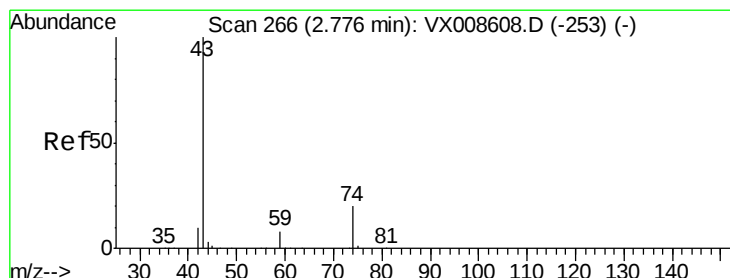
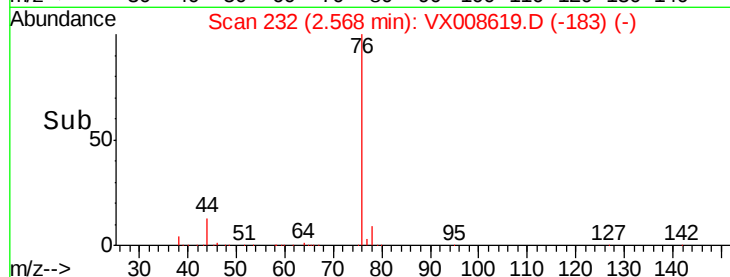
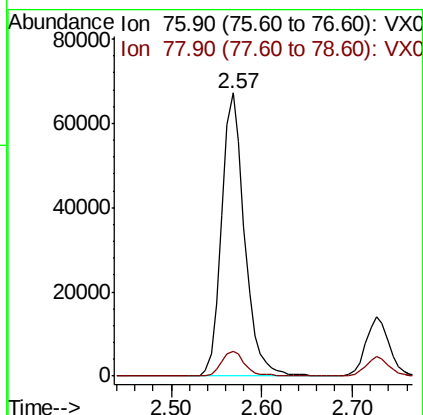
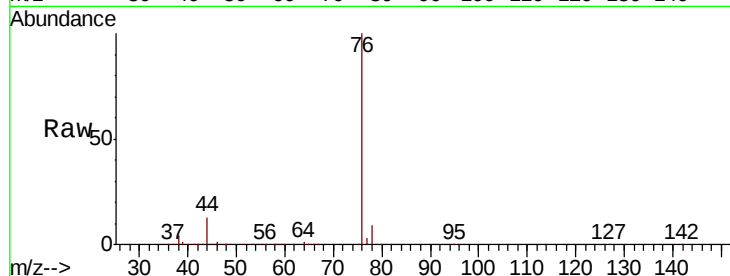




#17
Carbon Disulfide
Concen: 17.423 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

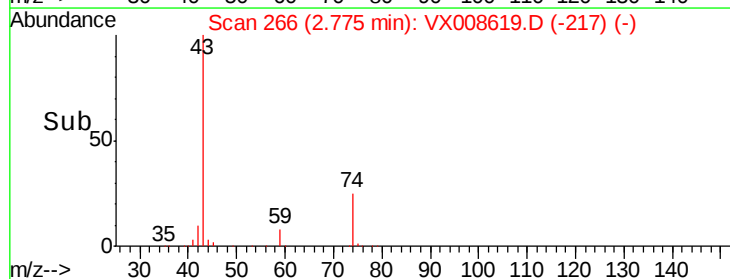
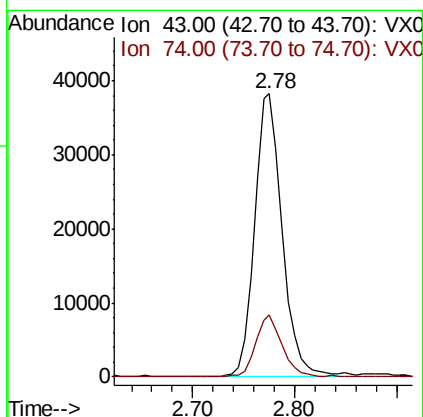
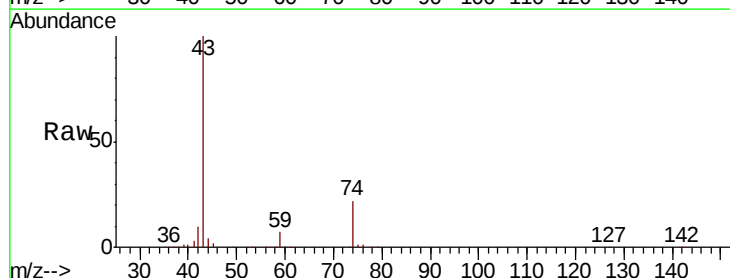
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

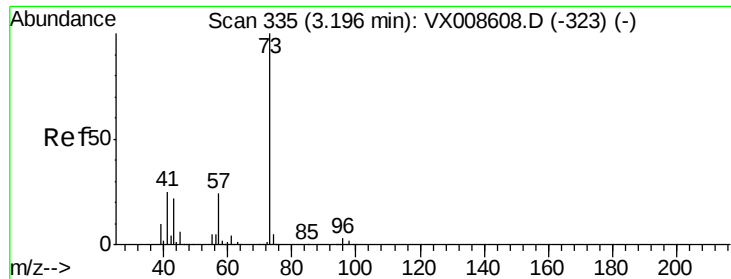
Tot Ion: 76 Resp: 118698
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 17.664 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 43 Resp: 71465
Ion Ratio Lower Upper
43 100
74 21.3 16.5 24.7

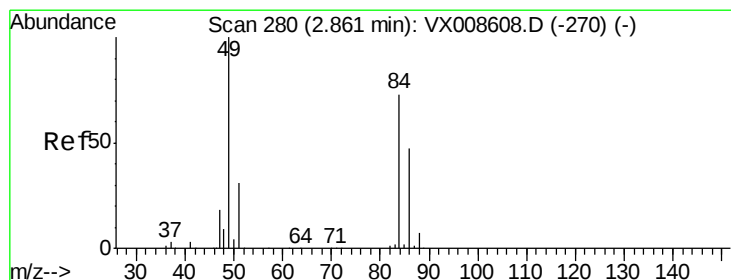
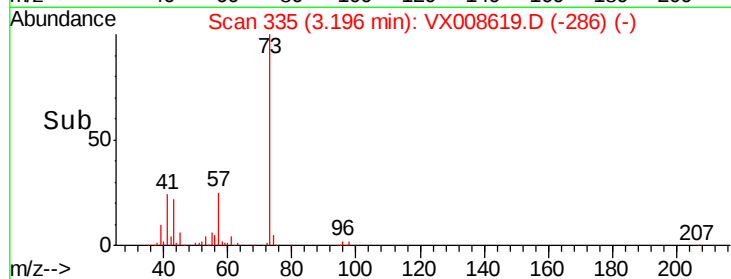
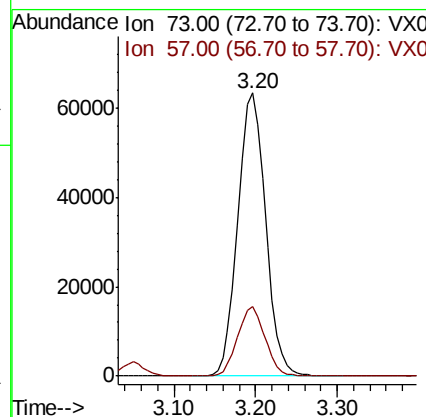
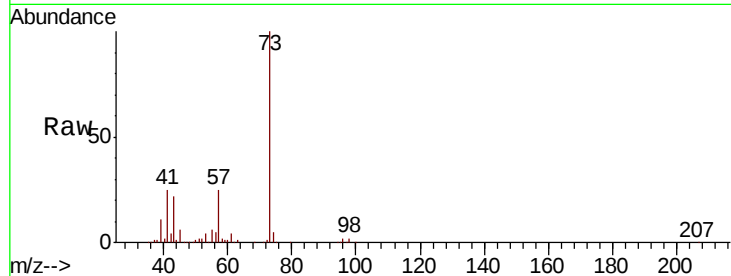




#19
Methvl tert-butvl Ether
Concen: 18.209 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

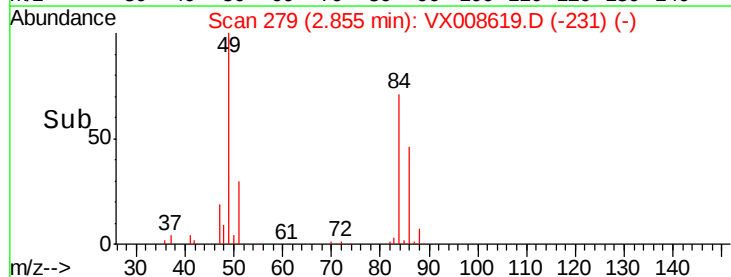
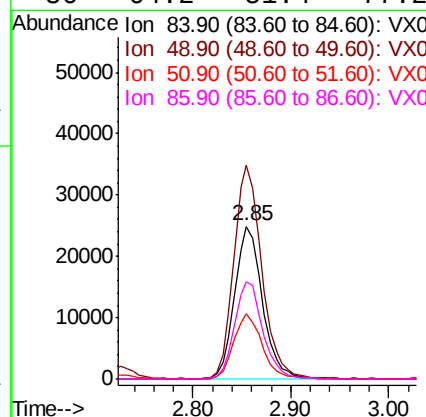
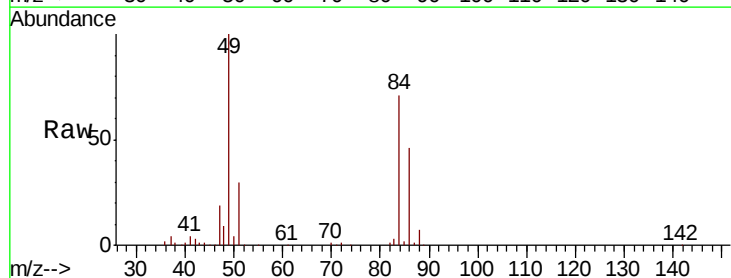
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

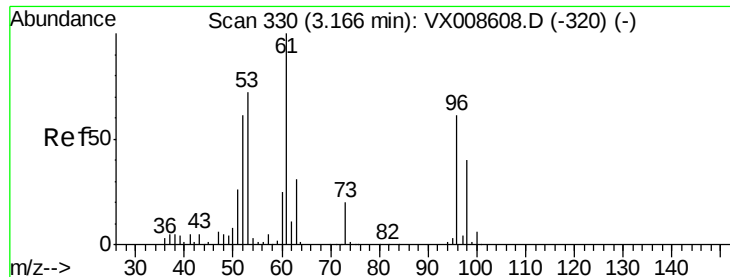
Tot Ion: 73 Resp: 149281
Ion Ratio Lower Upper
73 100
57 24.7 19.5 29.3



#20
Methylene Chloride
Concen: 17.589 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 84 Resp: 49115
Ion Ratio Lower Upper
84 100
49 140.2 109.7 164.5
51 42.5 33.6 50.4
86 64.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.253 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

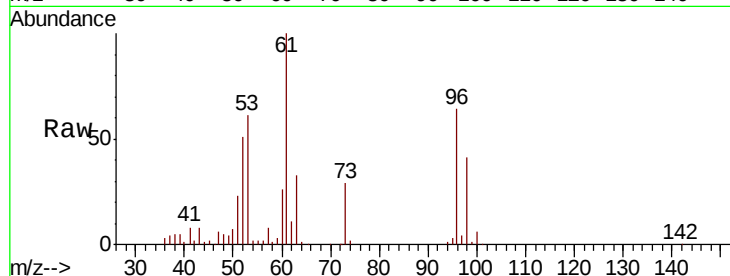
Tot Ion: 96 Resp: 42841

Ion Ratio Lower Upper

96 100

61 157.1 132.1 198.1

98 65.0 52.2 78.2

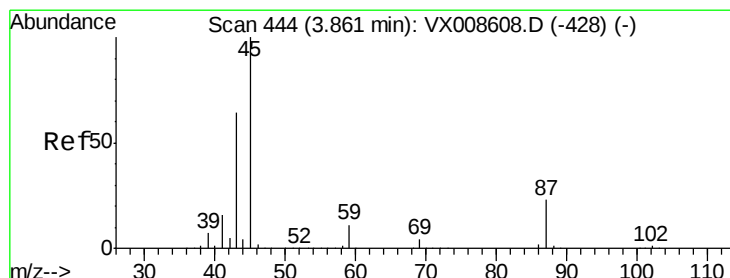
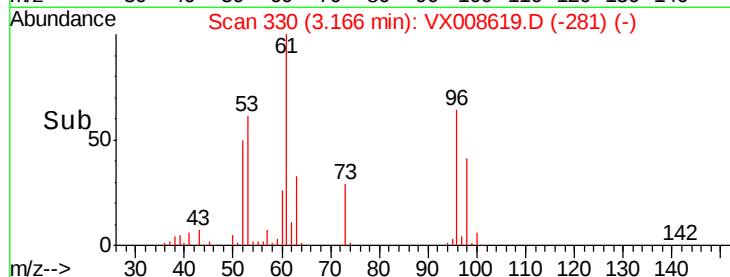
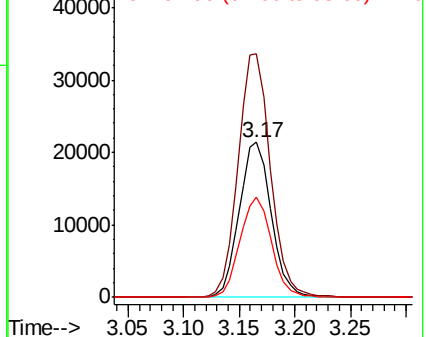


Abundance

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: 18.118 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion: 45 Resp: 183523

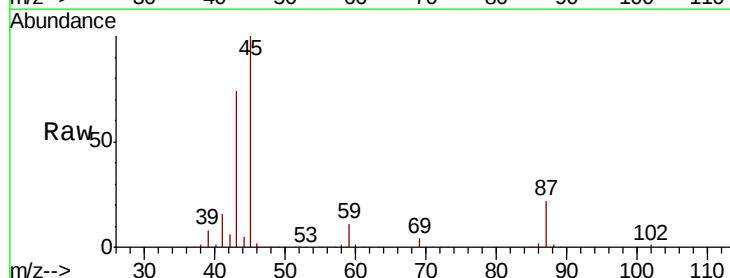
Ion Ratio Lower Upper

45 100

43 74.3 51.3 76.9

87 22.5 18.1 27.1

59 10.5 8.6 13.0



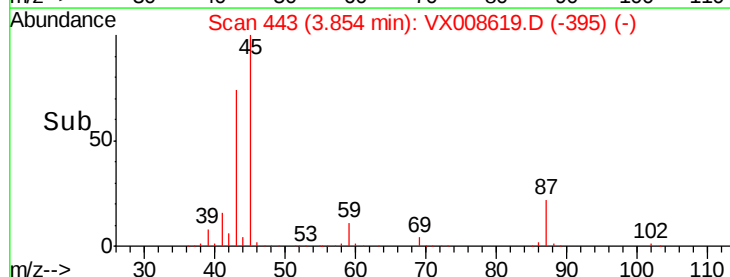
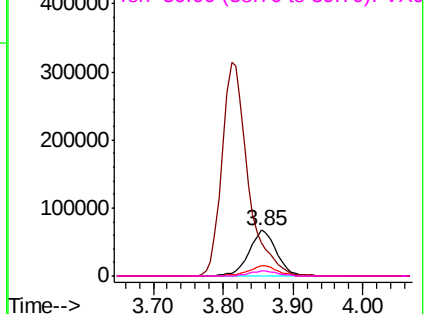
Abundance

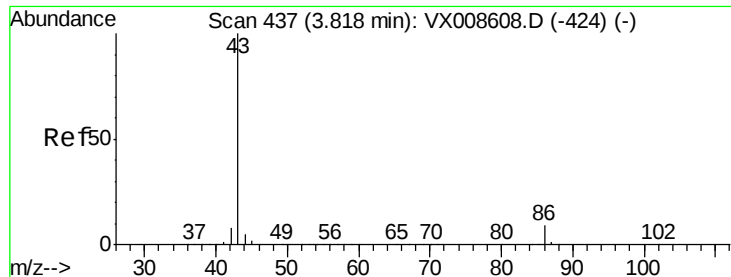
Ion 45.00 (44.70 to 45.70): VX0

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: 92.102 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

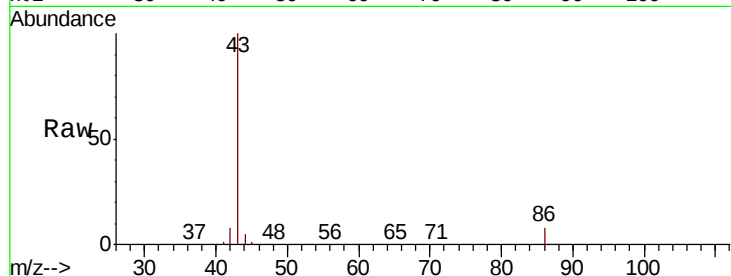
VX0403WBS01

Tot Ion: 43 Resp: 811575

Ion Ratio Lower Upper

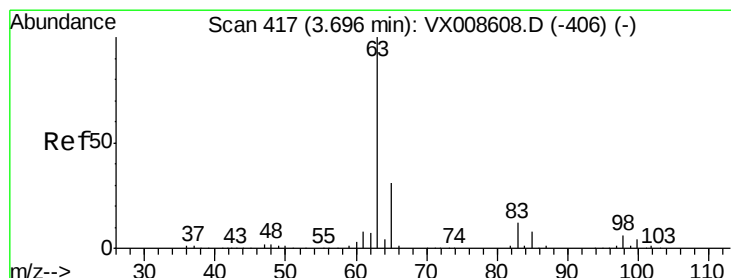
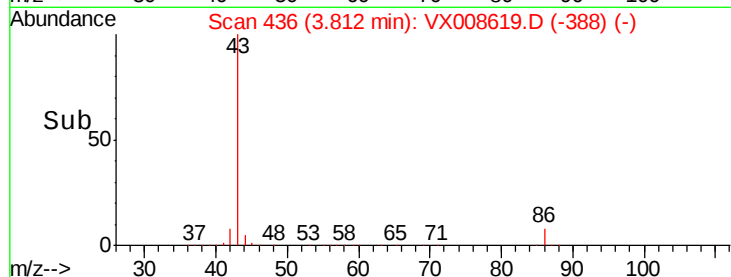
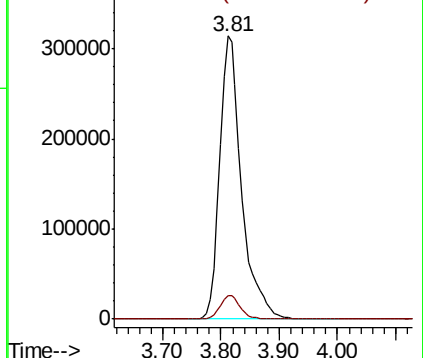
43 100

86 8.3 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.054 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

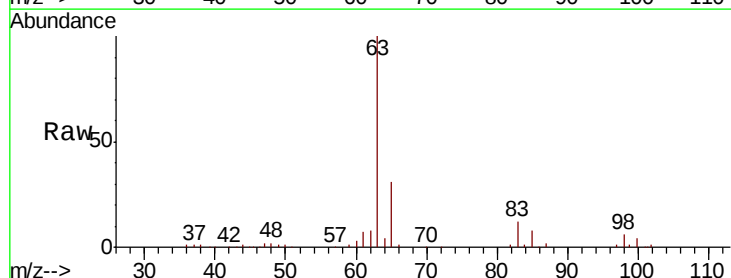
Tgt Ion: 63 Resp: 90543

Ion Ratio Lower Upper

63 100

98 5.7 2.8 8.4

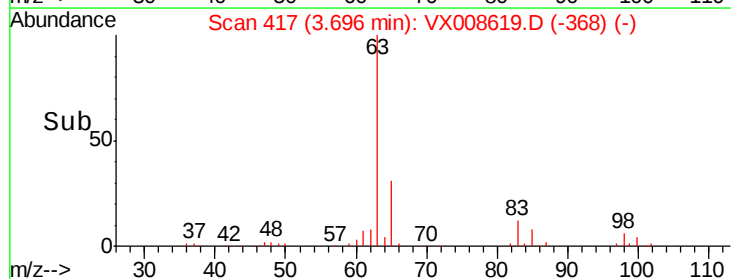
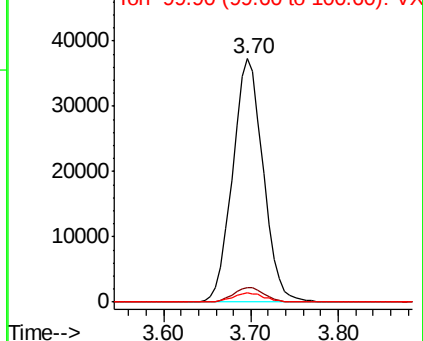
100 4.0 1.8 5.5

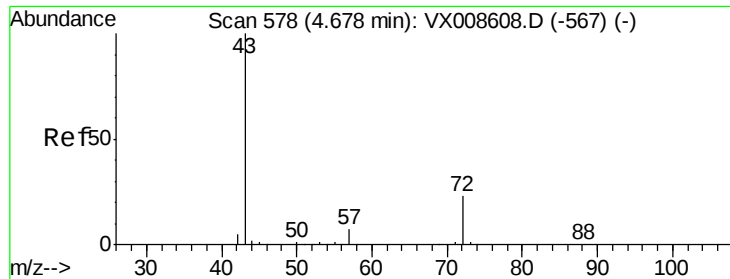


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 92.816 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

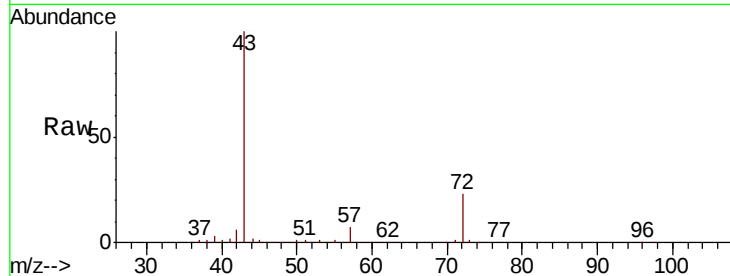
VX0403WBS01

Tot Ion: 43 Resp: 244718

Ion Ratio Lower Upper

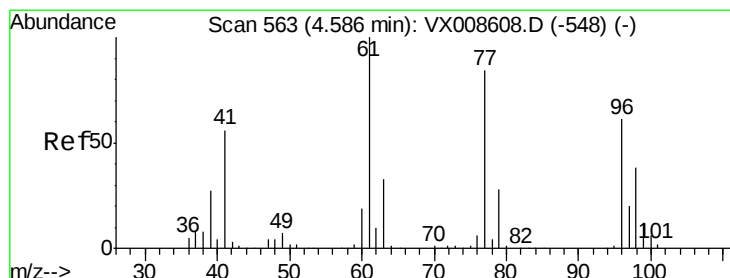
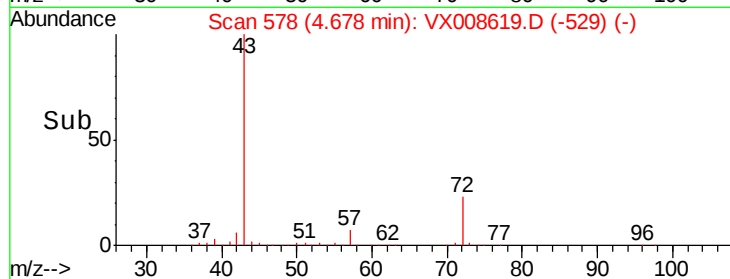
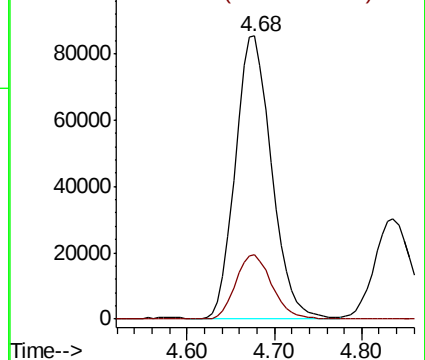
43 100

72 22.7 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: 17.031 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008619.D

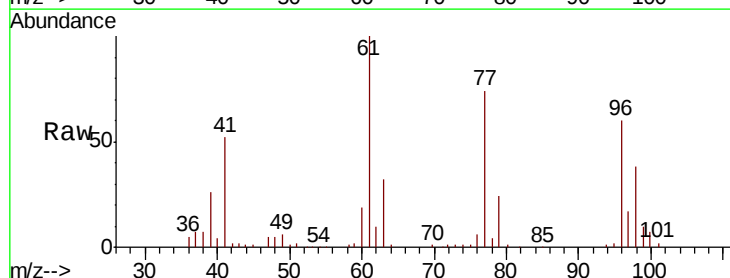
Acq: 03 Apr 2019 17:44

Tgt Ion: 77 Resp: 60157

Ion Ratio Lower Upper

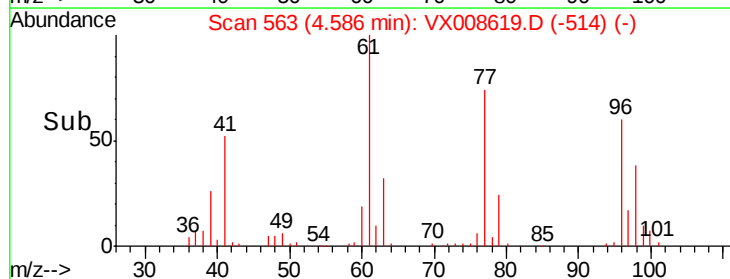
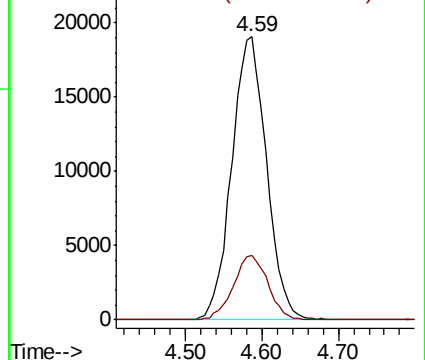
77 100

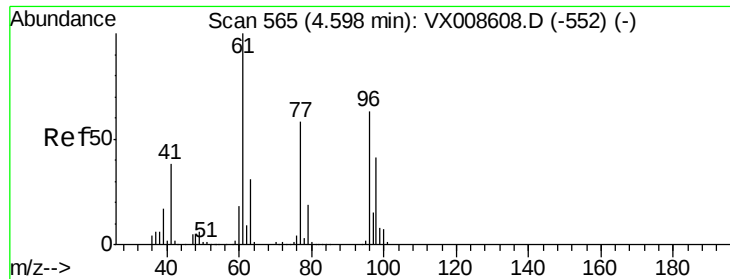
97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



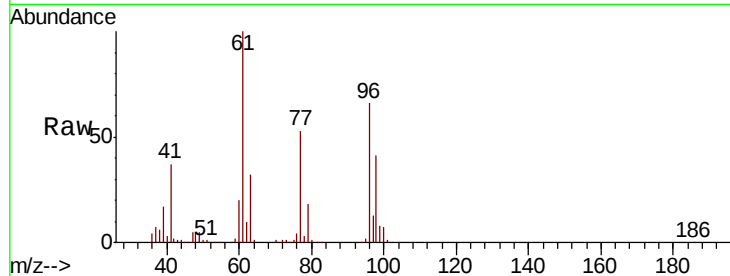


#27

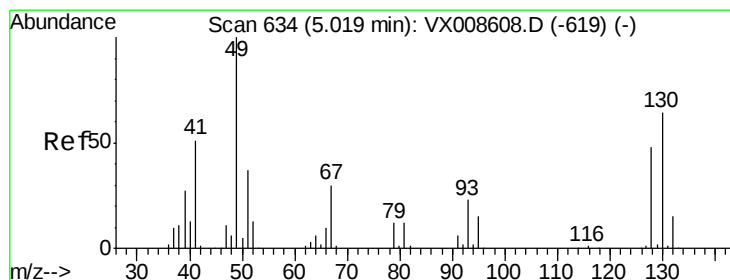
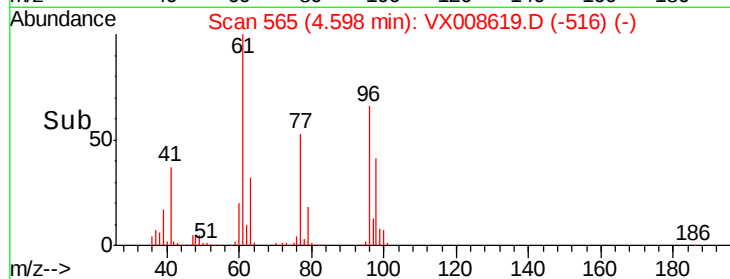
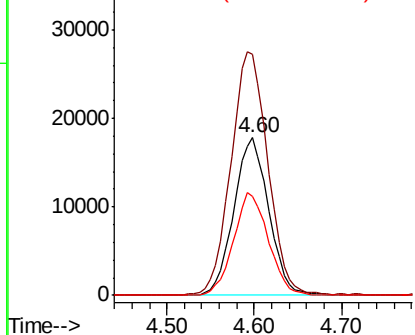
cis-1,2-Dichloroethene
Concen: 17.350 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion: 96 Resp: 49532
Ion Ratio Lower Upper
96 100
61 163.2 0.0 327.6
98 64.9 0.0 128.6



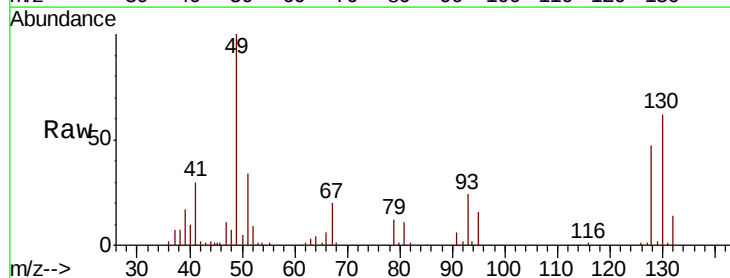
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



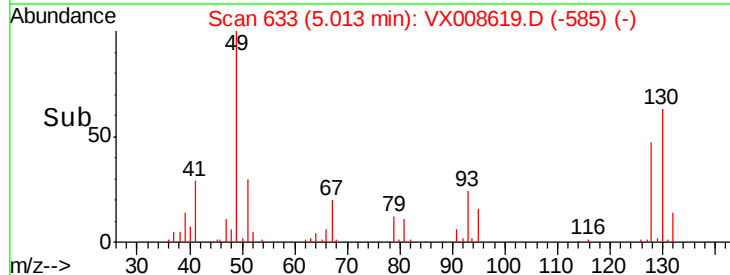
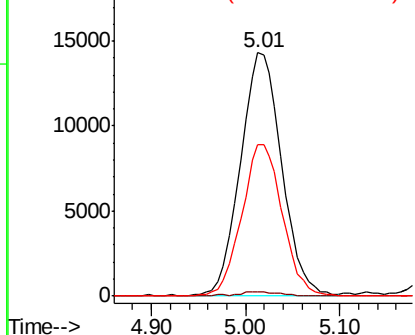
#28

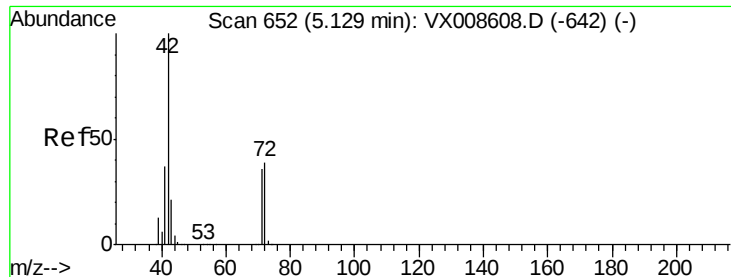
Bromochloromethane
Concen: 19.161 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 49 Resp: 44051
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 61.1 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

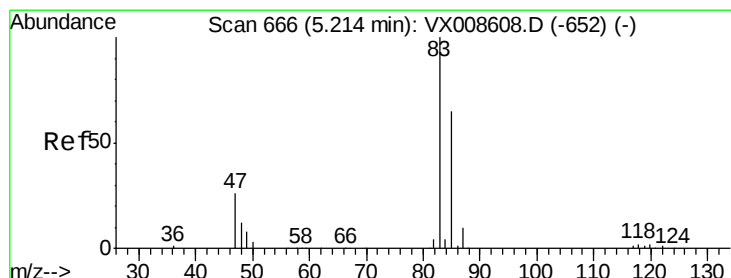
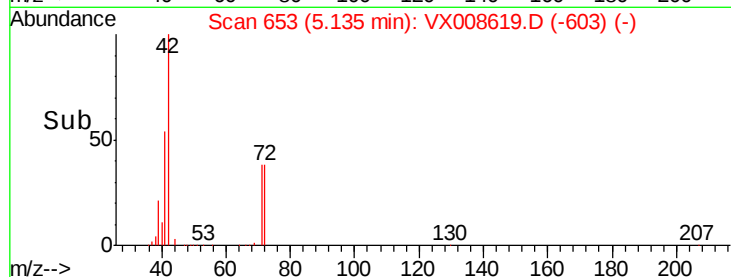
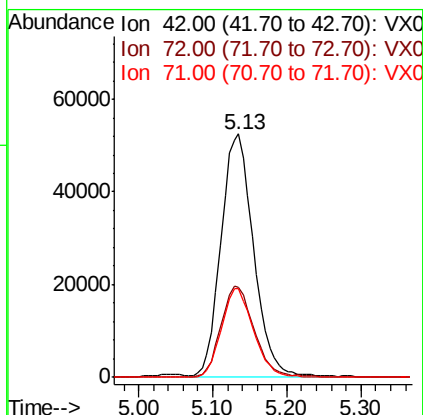
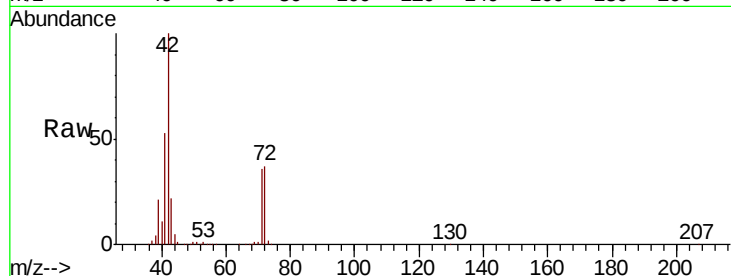




#29
Tetrahydrofuran
Concen: 91.204 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

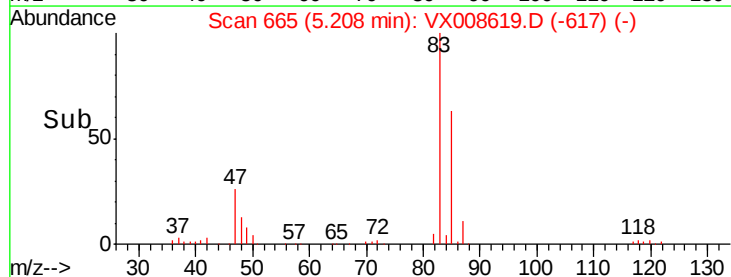
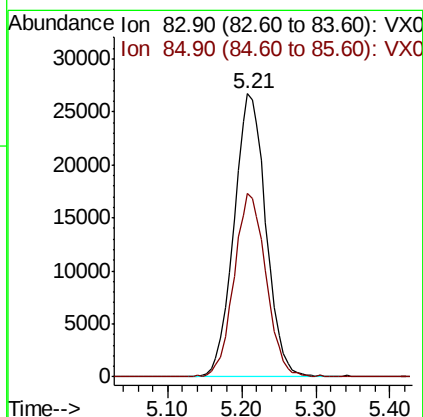
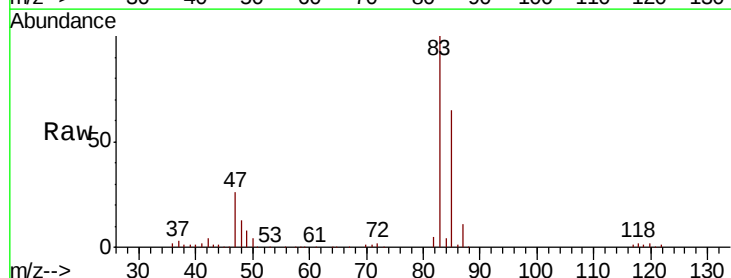
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

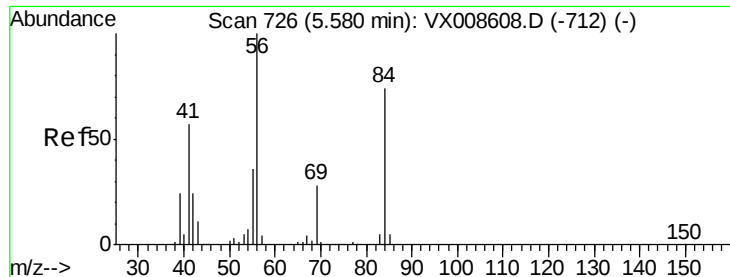
Tot Ion: 42 Resp: 159603
Ion Ratio Lower Upper
42 100
72 38.6 30.5 45.7
71 36.2 28.6 43.0



#30
Chloroform
Concen: 17.957 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 83 Resp: 80436
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1

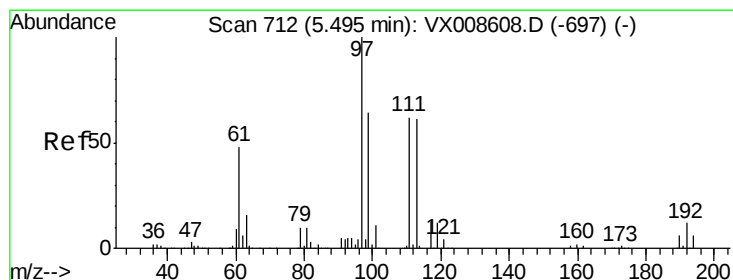
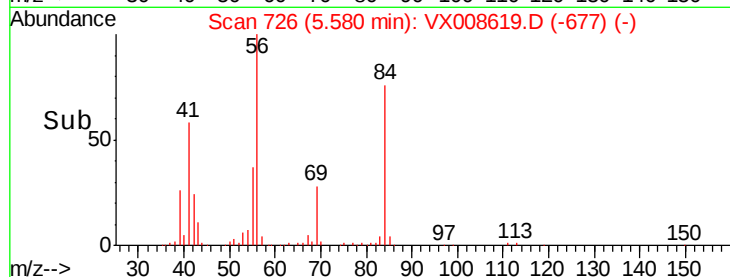
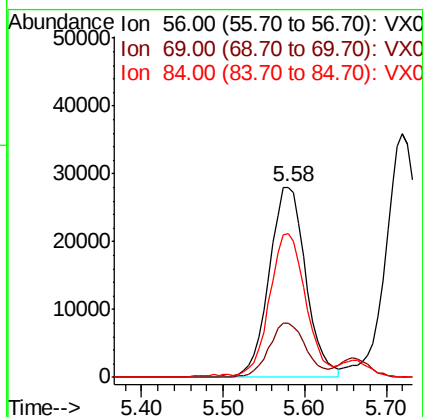
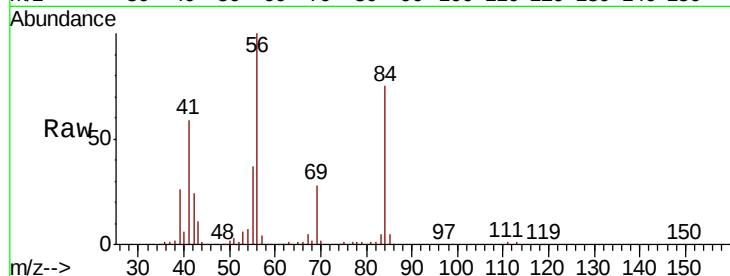




#31
Cyclohexane
Concen: 17.478 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

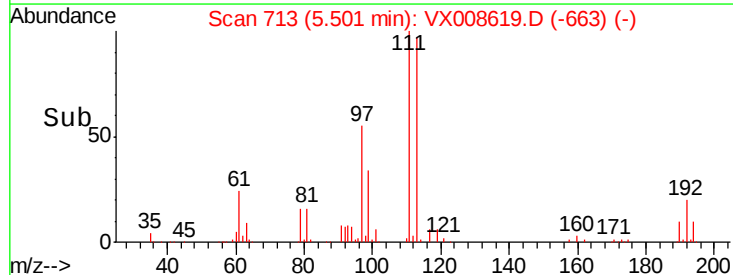
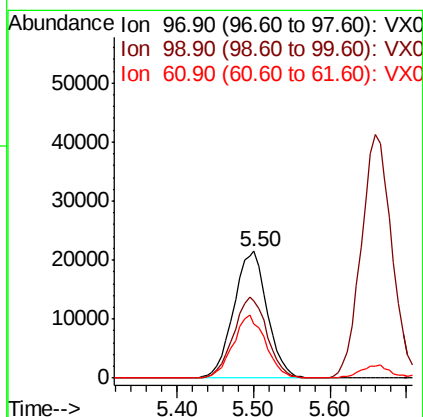
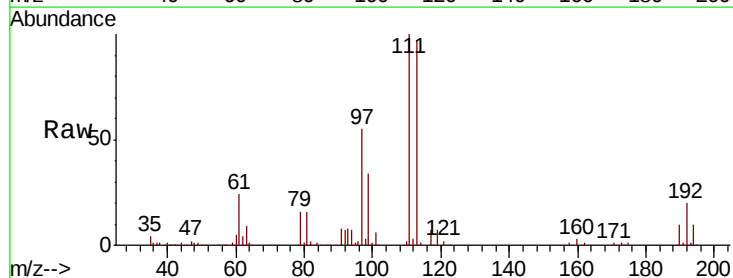
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

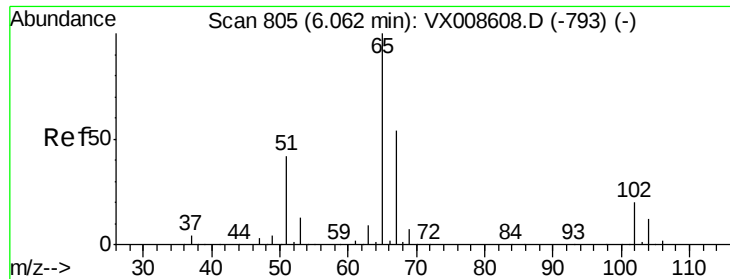
Tot Ion: 56 Resp: 87461
Ion Ratio Lower Upper
56 100
69 28.4 22.6 33.8
84 75.1 59.3 88.9



#32
1,1,1-Trichloroethane
Concen: 18.011 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 97 Resp: 65193
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 48.5 38.9 58.3

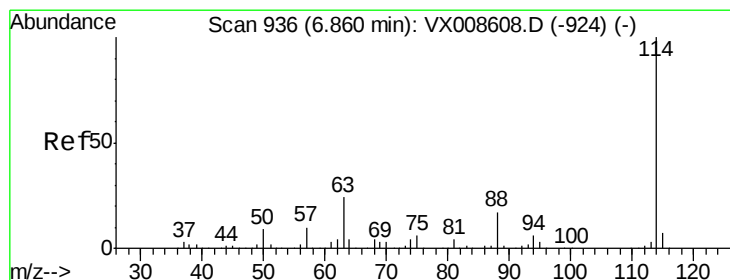
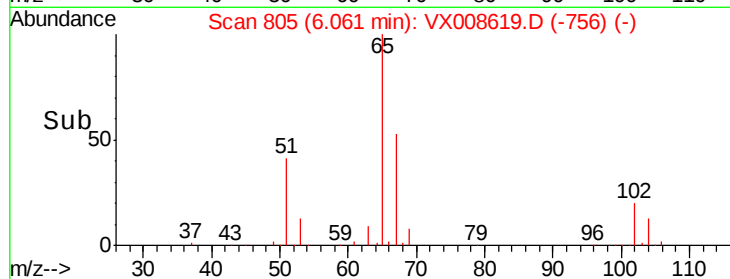
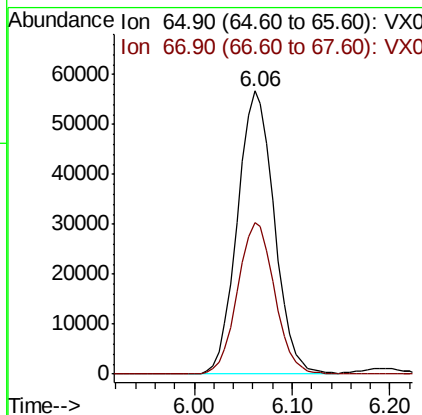
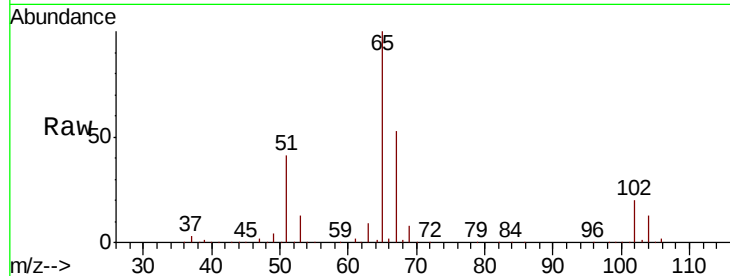




#33
 1,2-Dichloroethane-d4
 Concen: 51.329 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

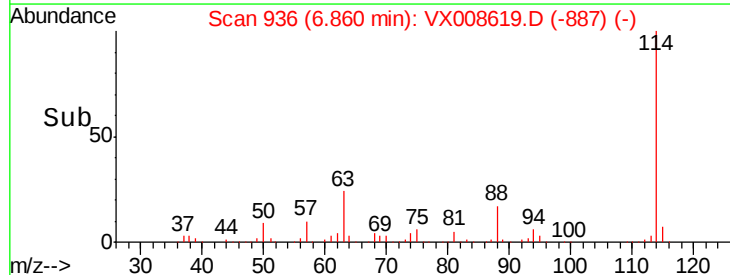
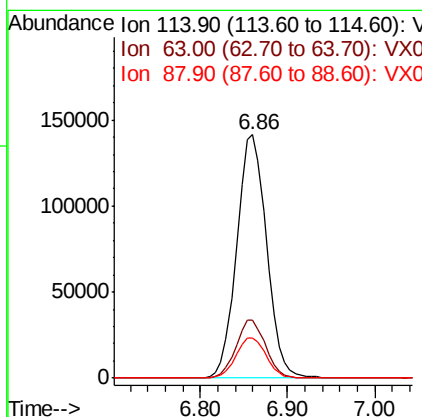
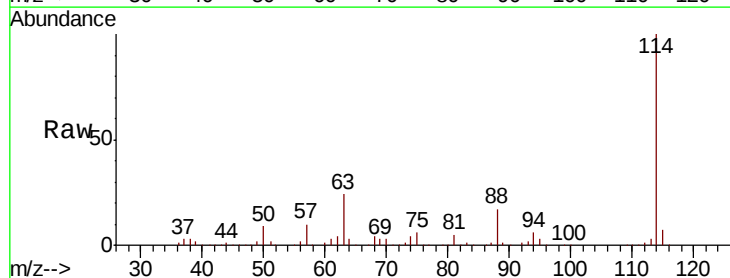
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

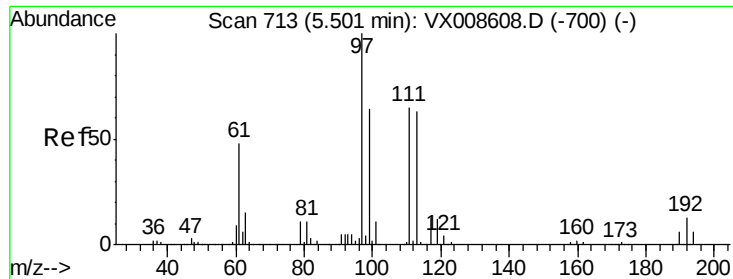
Tot Ion: 65 Resp: 148664
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion: 114 Resp: 335589
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 47.2
 88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.818 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0403WBS01

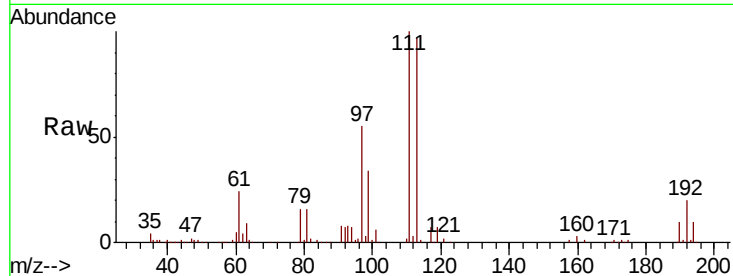
Tot Ion:113 Resp: 109036

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

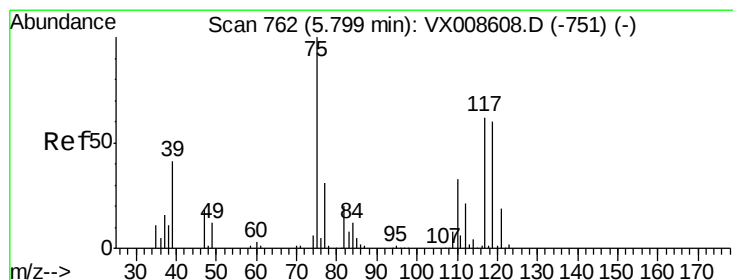
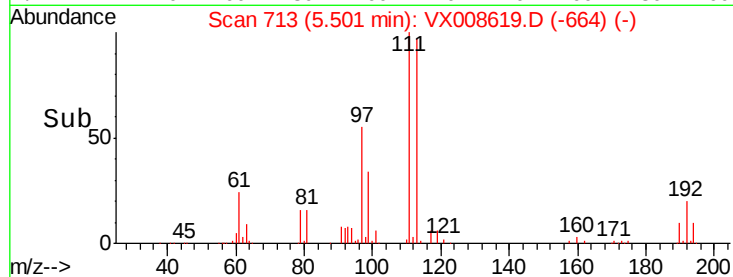
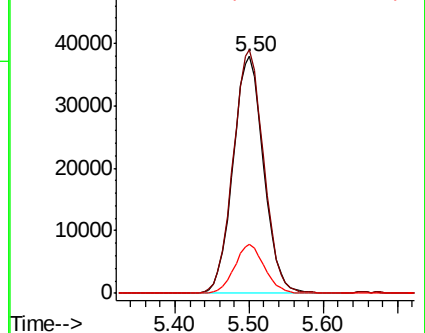
192 20.3 16.1 24.1



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: 16.755 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

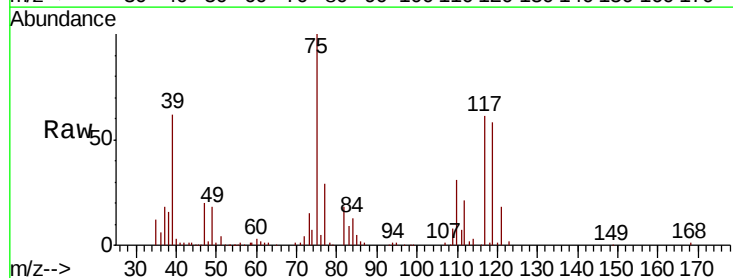
Tgt Ion: 75 Resp: 61463

Ion Ratio Lower Upper

75 100

110 33.0 16.4 49.2

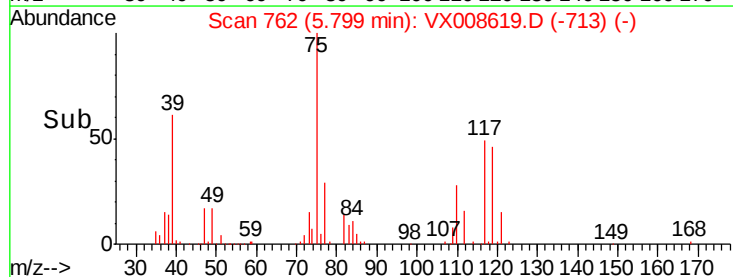
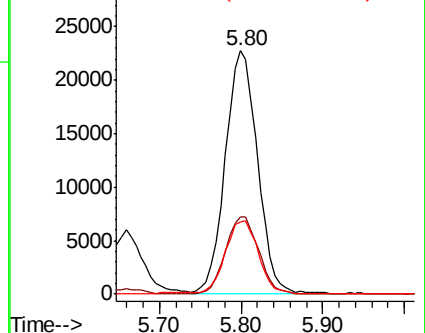
77 31.7 24.7 37.1

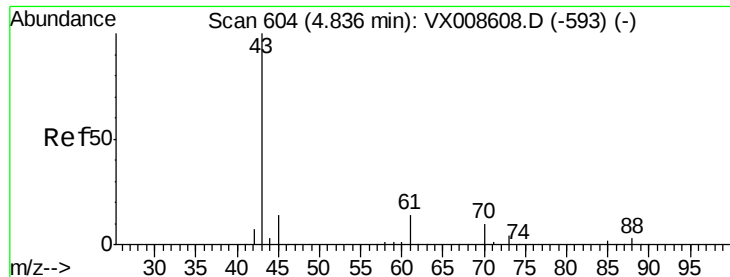


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

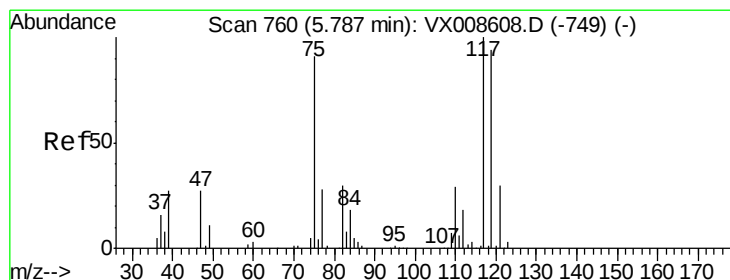
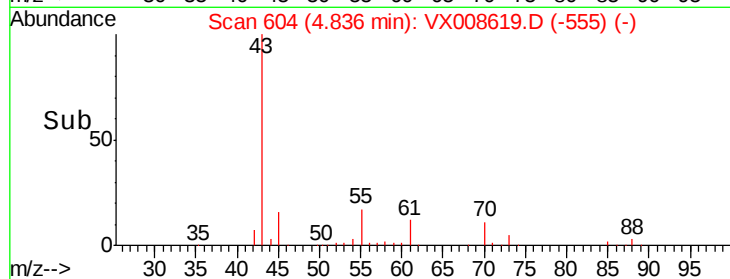
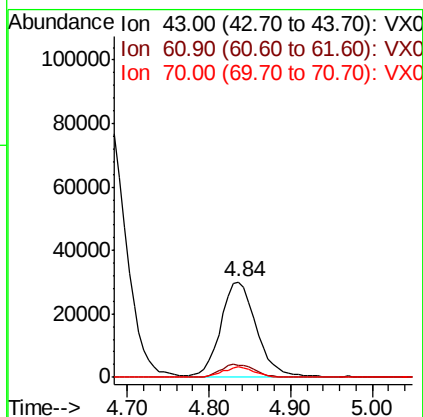
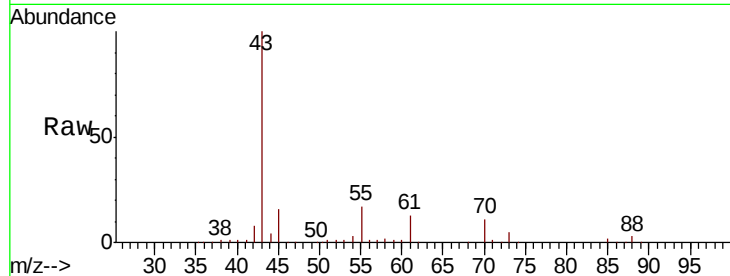




#37
Ethyl Acetate
Concen: 18.274 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

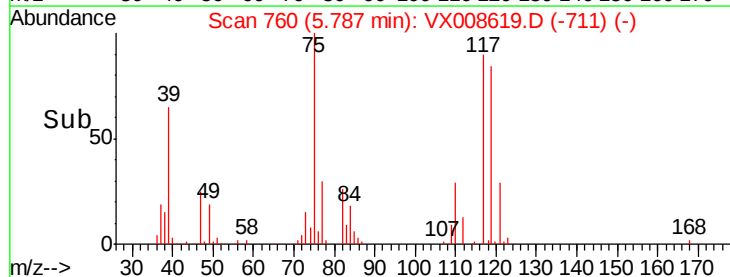
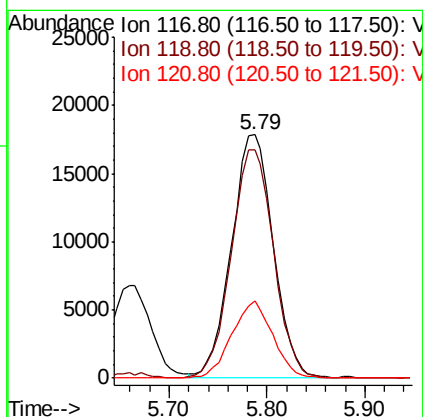
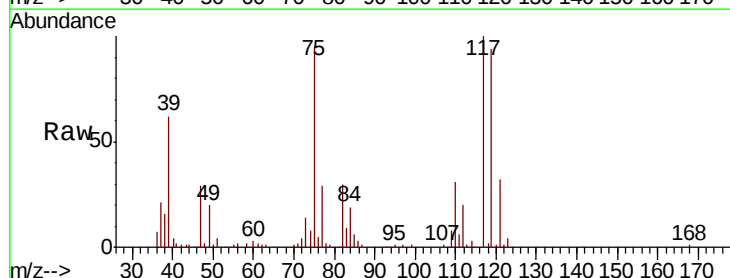
Instrument :
MSVOA_X
ClientSampleID :
VX0403WBS01

Tot Ion: 43 Resp: 89477
Ion Ratio Lower Upper
43 100
61 14.1 10.3 15.5
70 10.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 17.376 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 117 Resp: 52757
Ion Ratio Lower Upper
117 100
119 93.9 75.0 112.6
121 31.7 24.3 36.5

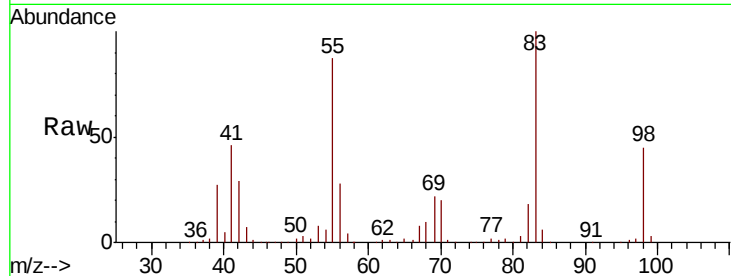




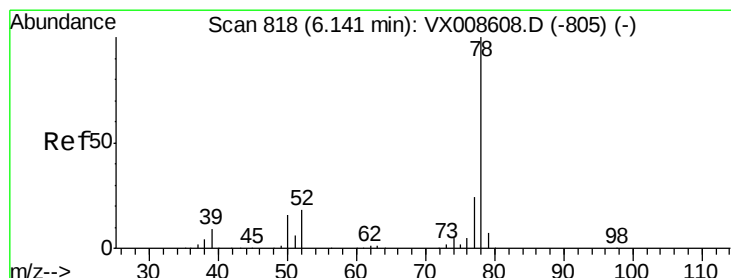
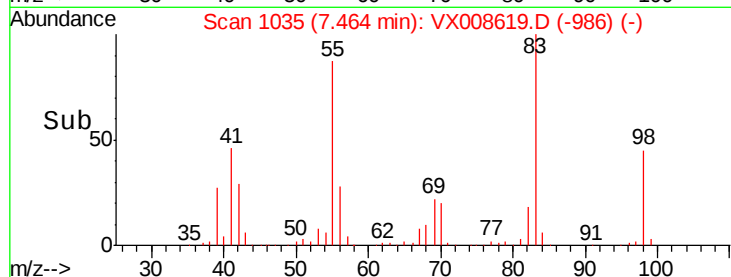
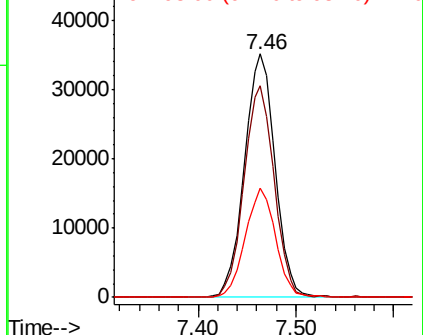
#39
Methvlcvclohexane
Concen: 16.801 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion: 83 Resp: 76135
Ion Ratio Lower Upper
83 100
55 86.7 69.0 103.6
98 44.7 34.4 51.6

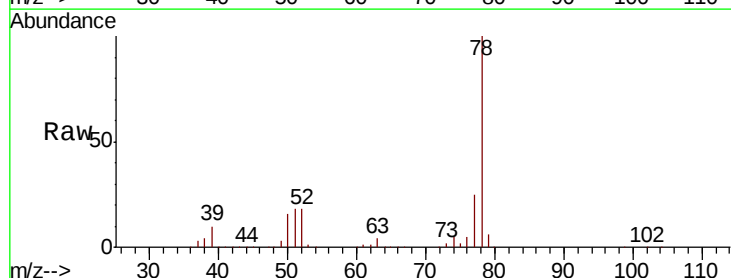


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

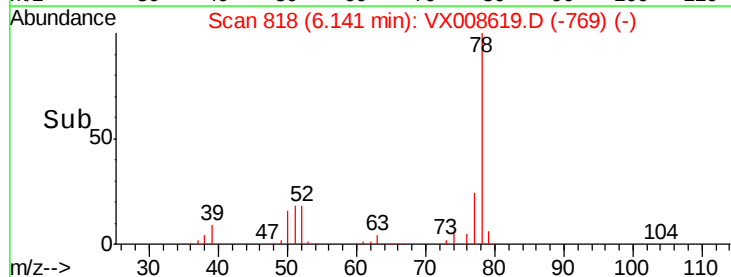
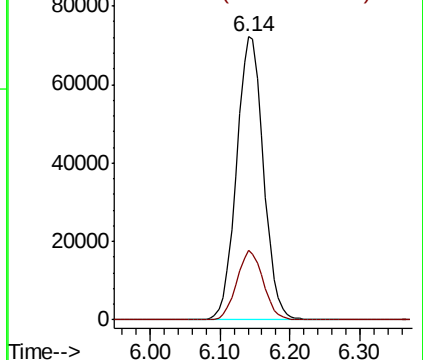


#40
Benzene
Concen: 17.623 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 78 Resp: 192594
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

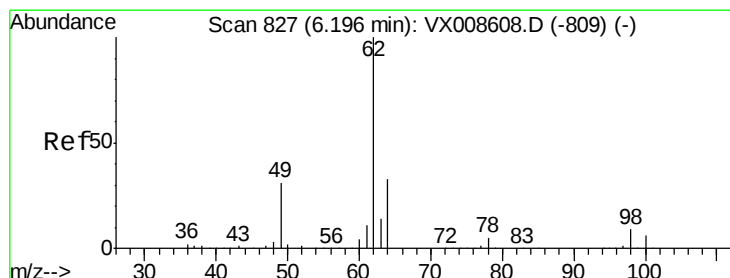
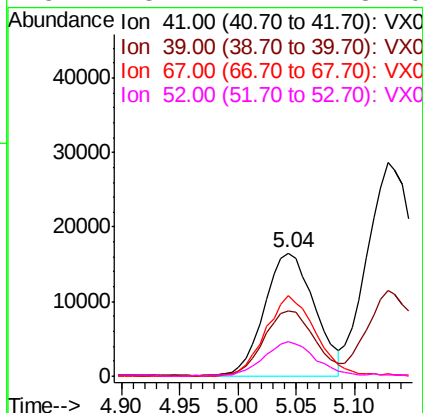
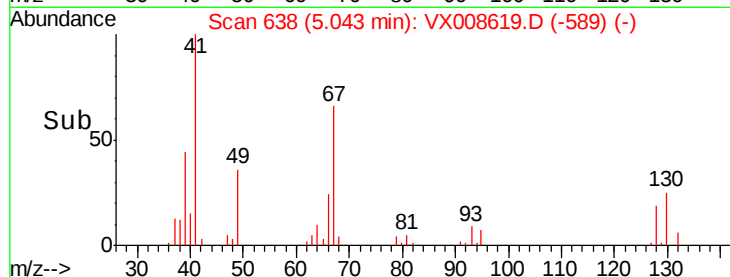
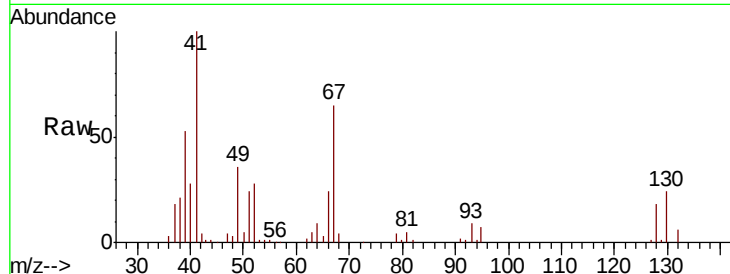




#41
Methacrylonitrile
Concen: 17.510 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

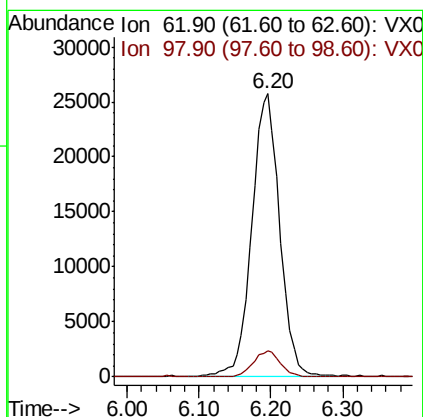
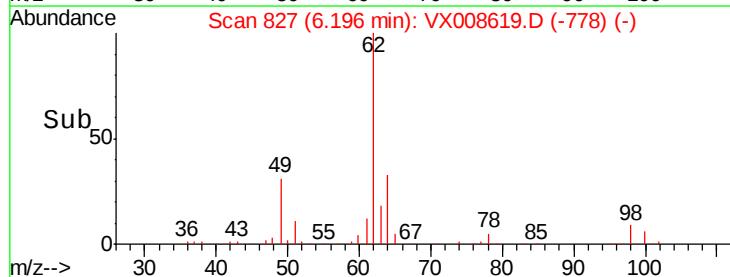
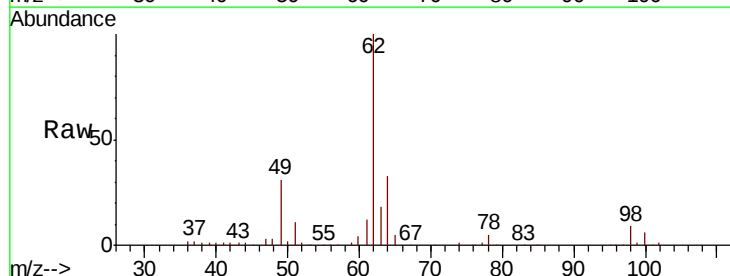
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

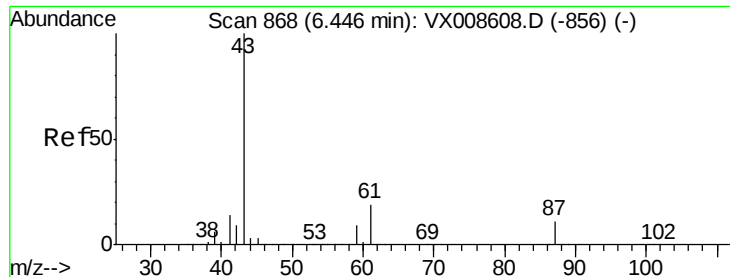
Tot Ion:	41	Resp:	49282
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.1	63.1
67	66.3	51.0	76.6
52	28.7	21.4	32.0



#42
1,2-Dichloroethane
Concen: 17.510 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion:	62	Resp:	68601
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0





#43

Isopropyl Acetate

Concen: 17.925 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

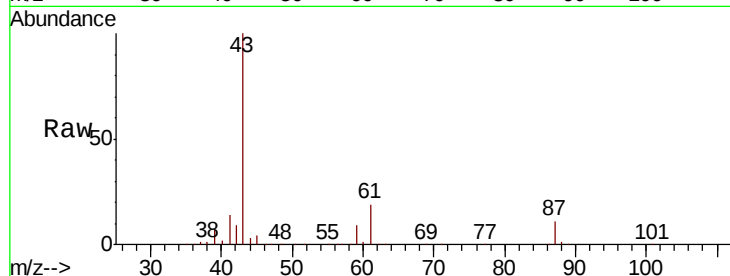
Tot Ion: 43 Resp: 137490

Ion Ratio Lower Upper

43 100

61 19.5 15.3 22.9

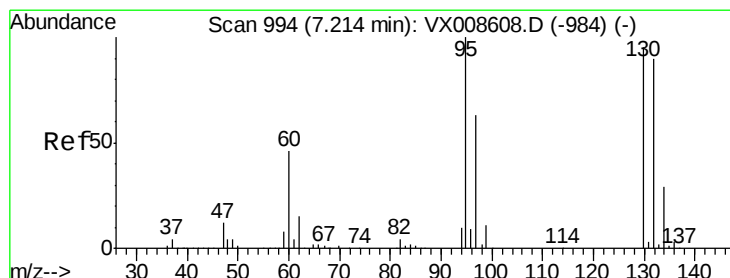
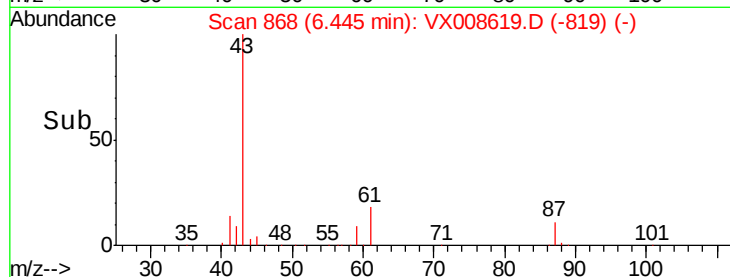
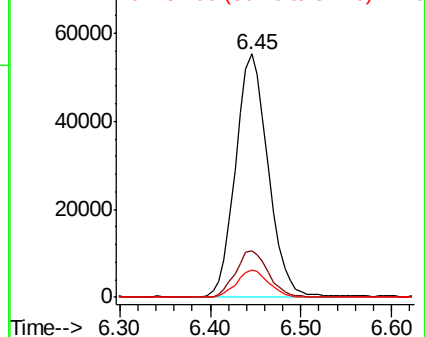
87 11.3 9.0 13.6



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: 16.948 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008619.D

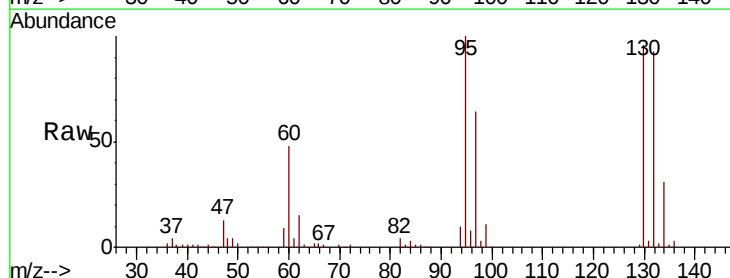
Acq: 03 Apr 2019 17:44

Tgt Ion:130 Resp: 43137

Ion Ratio Lower Upper

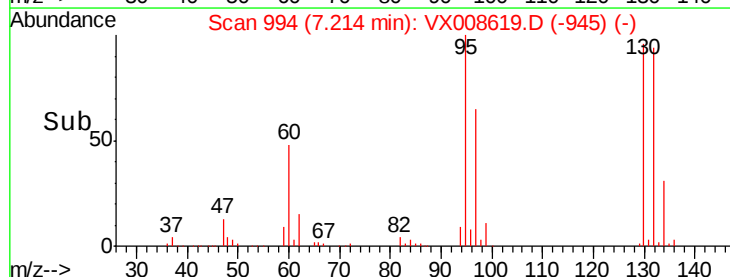
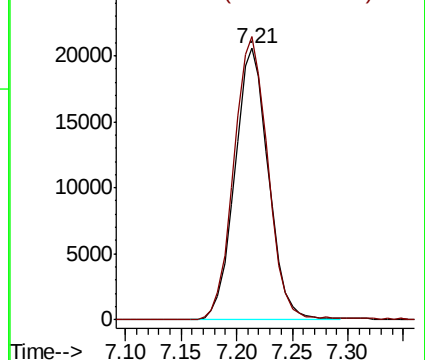
130 100

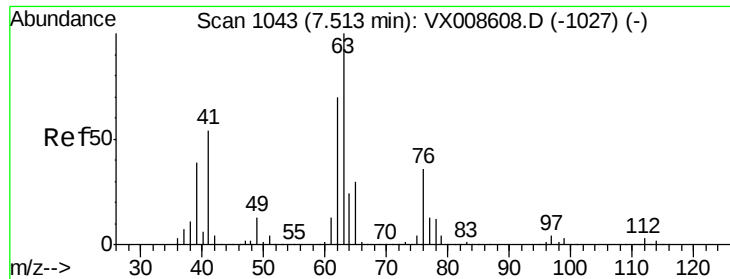
95 104.2 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.659 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

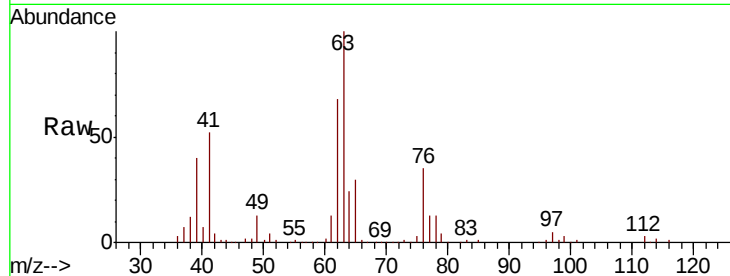
VX0403WBS01

Tot Ion: 63 Resp: 55082

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

30000

25000

20000

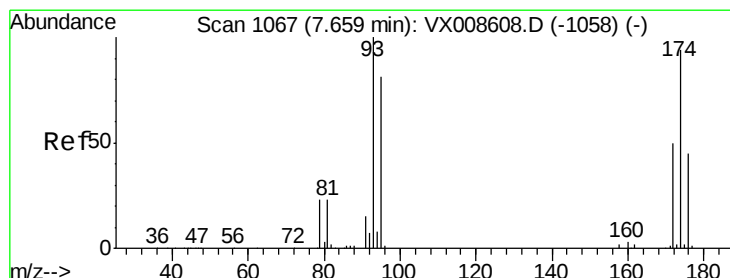
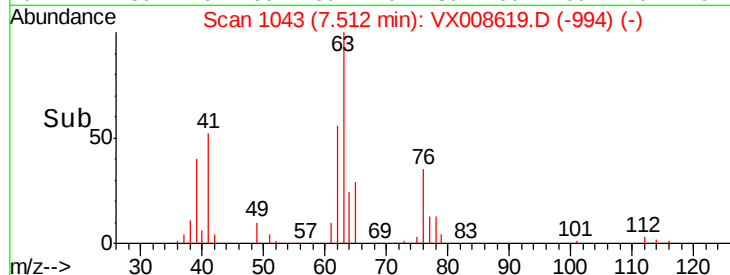
15000

10000

5000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 17.235 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

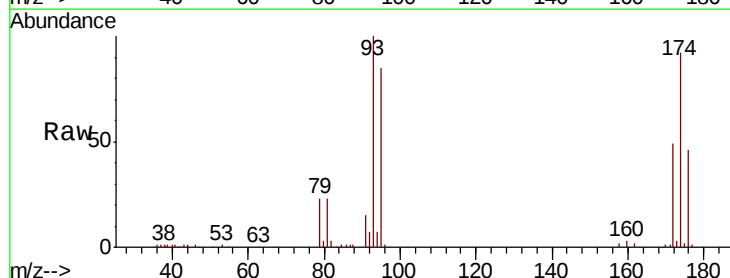
Tgt Ion: 93 Resp: 31179

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 96.0 77.7 116.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

20000

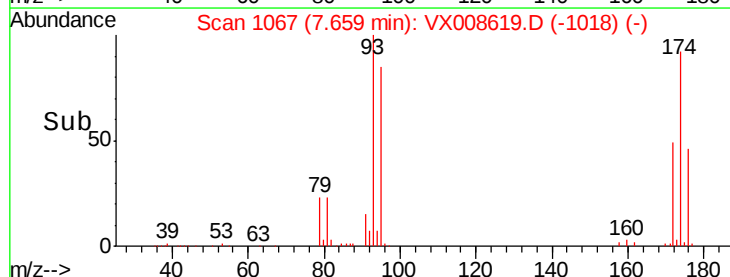
15000

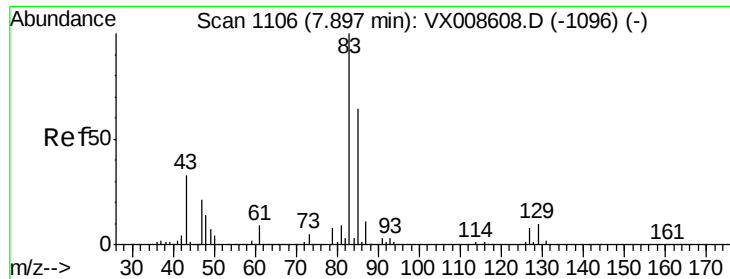
10000

5000

0

Time--> 7.60 7.70





#47

Bromodichloromethane

Concen: 17.659 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

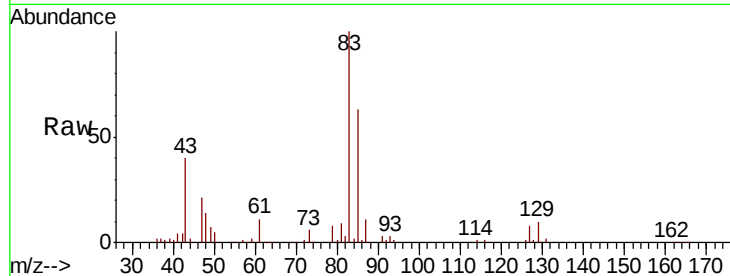
Tot Ion: 83 Resp: 60234

Ion Ratio Lower Upper

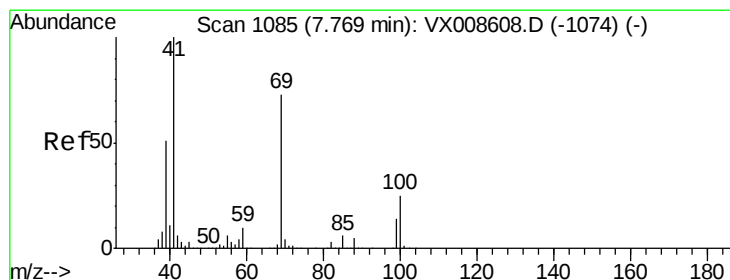
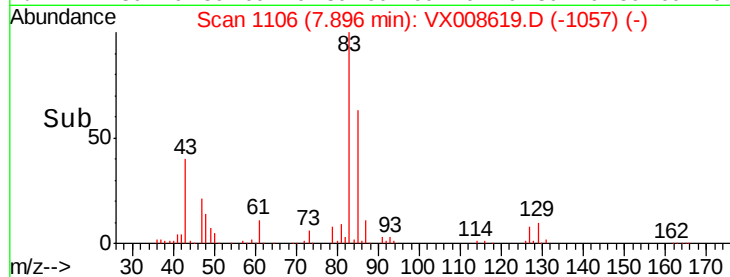
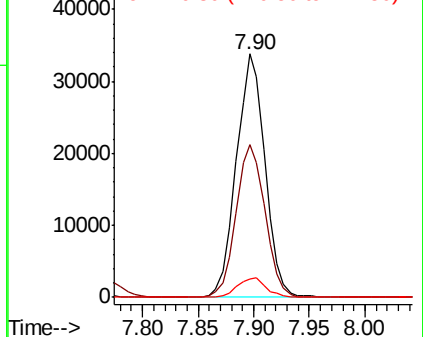
83 100

85 62.7 51.2 76.8

127 7.6 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: 18.016 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

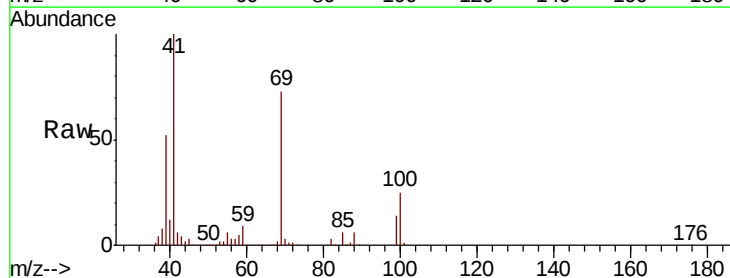
Tgt Ion: 41 Resp: 69903

Ion Ratio Lower Upper

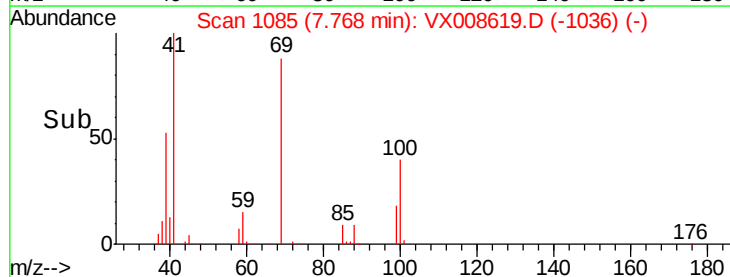
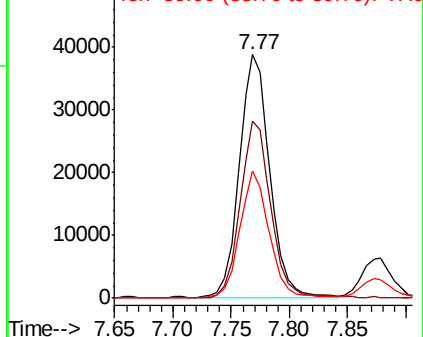
41 100

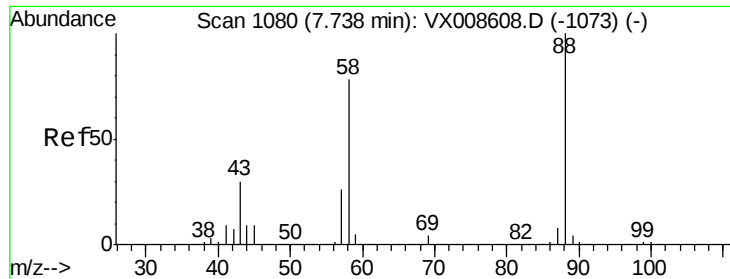
69 73.9 59.0 88.4

39 50.6 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

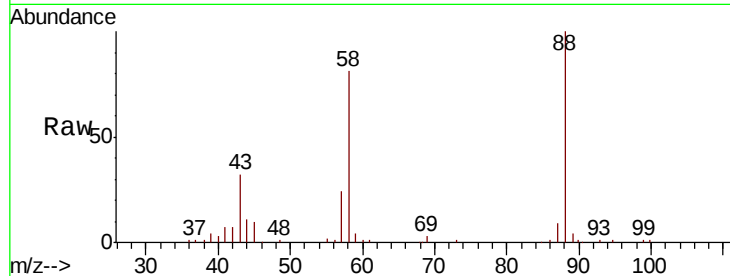




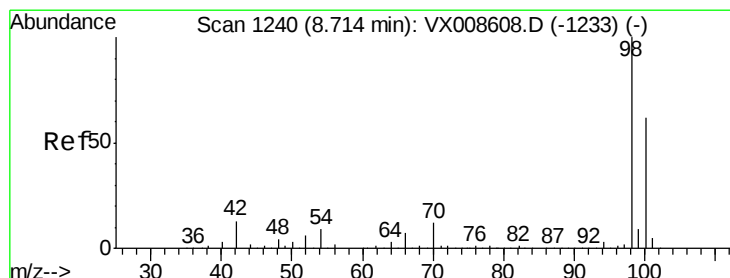
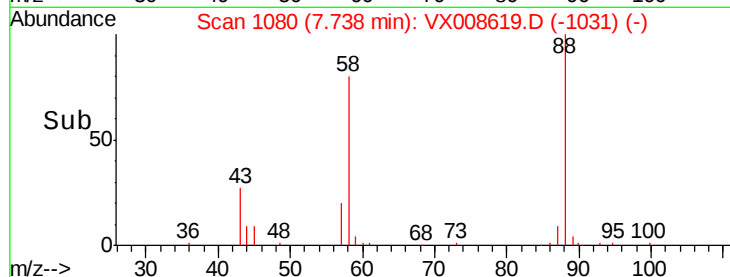
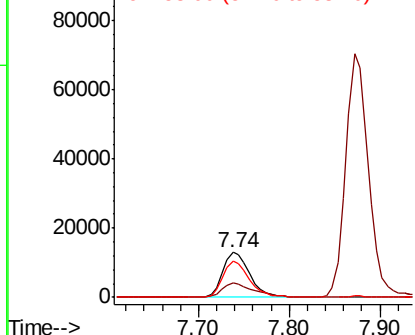
#49
1,4-Dioxane
Concen: 370.317 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion: 88 Resp: 26916
Ion Ratio Lower Upper
88 100
43 35.7 28.6 43.0
58 79.0 62.2 93.2

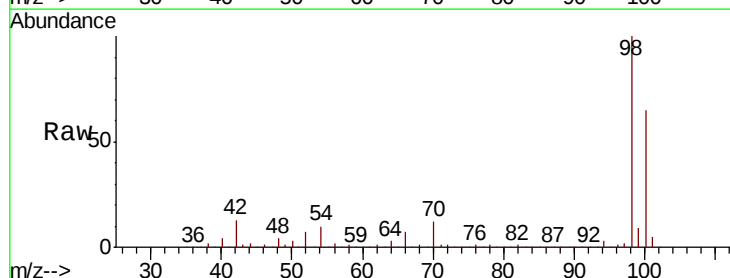


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

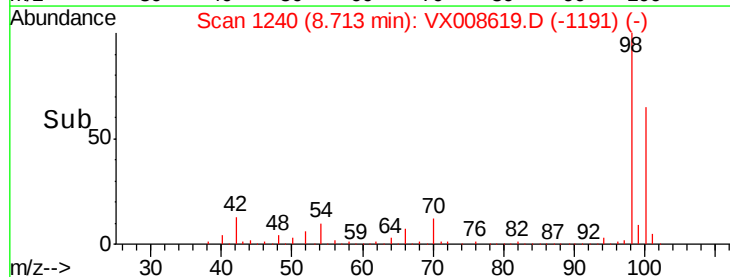
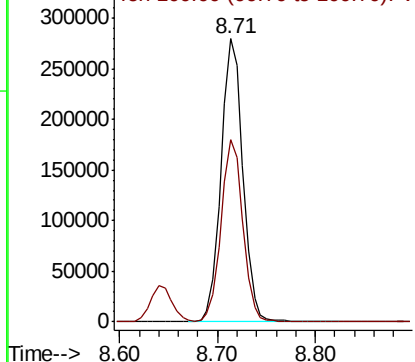


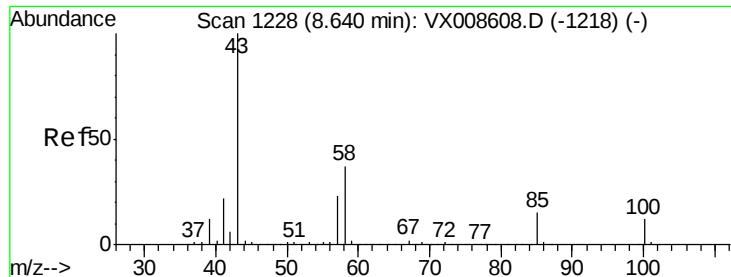
#50
Toluene-d8
Concen: 50.902 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 98 Resp: 434872
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



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

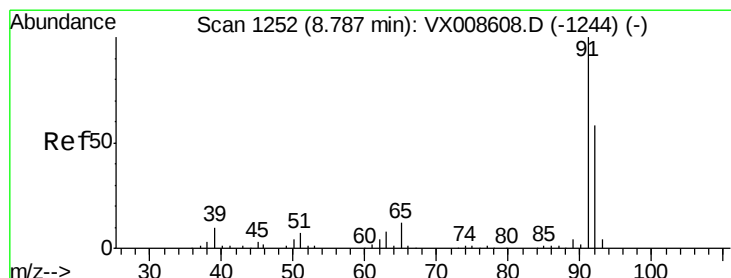
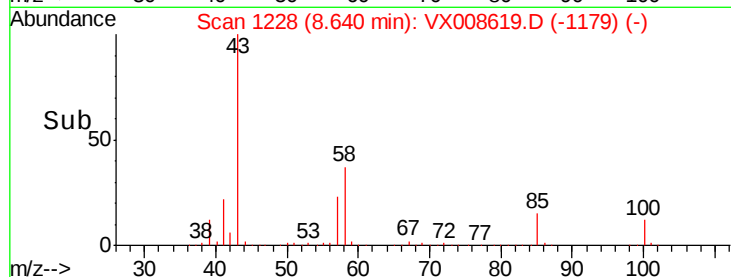
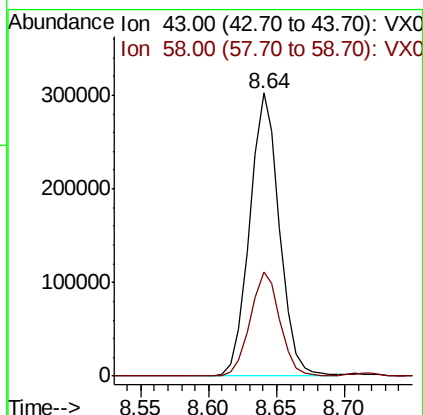
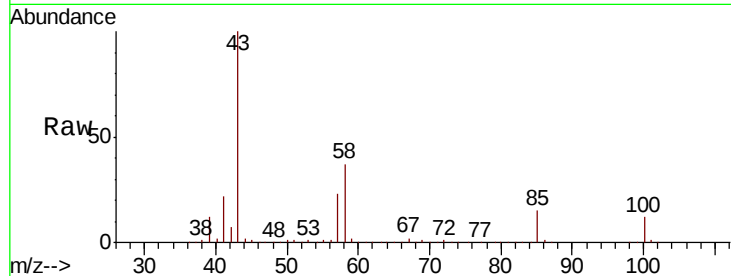




#51
4-Methyl-2-Pentanone
Concen: 94.109 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

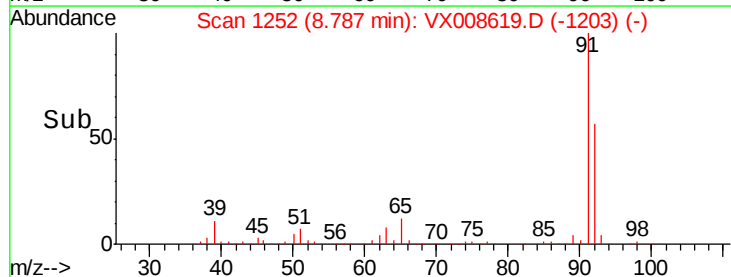
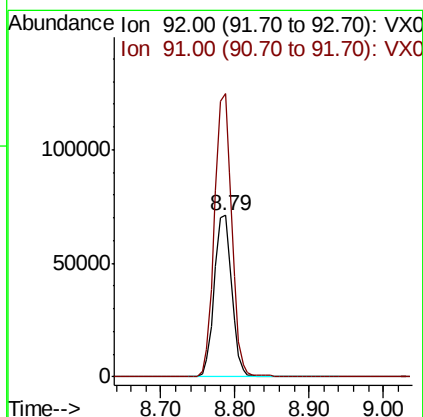
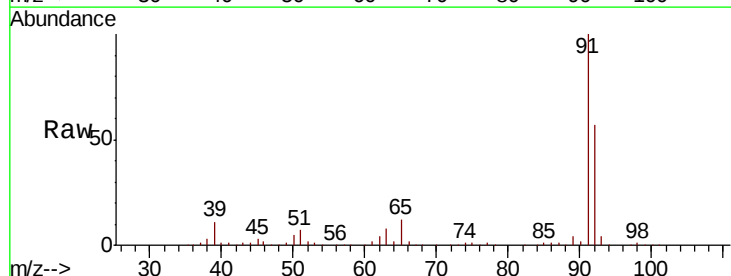
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

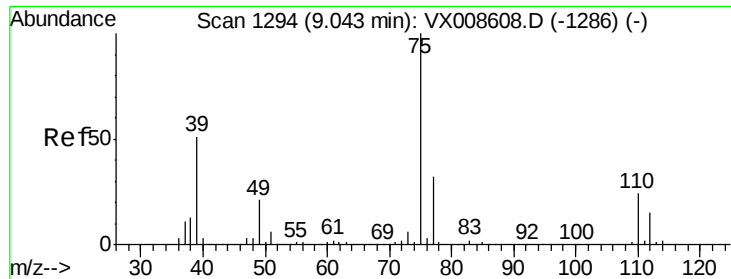
Tot Ion: 43 Resp: 464678
Ion Ratio Lower Upper
43 100
58 36.8 29.5 44.3



#52
Toluene
Concen: 17.909 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 92 Resp: 115388
Ion Ratio Lower Upper
92 100
91 172.8 138.5 207.7

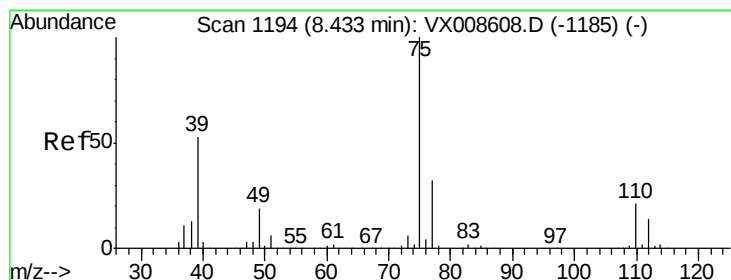
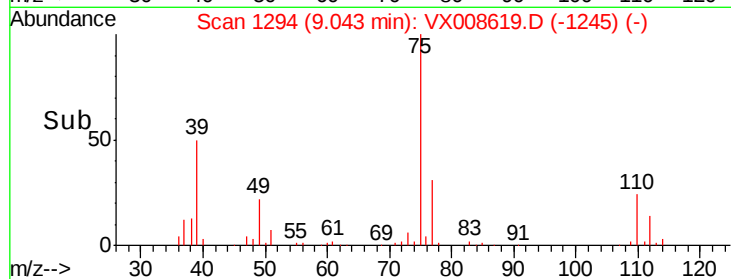
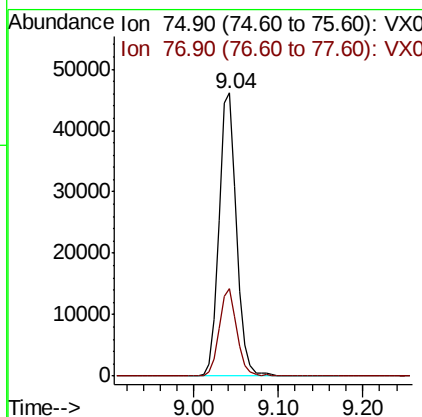
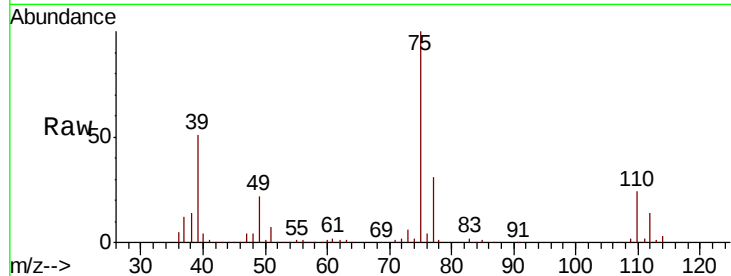




#53
 t-1,3-Dichloropropene
 Concen: 17.399 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

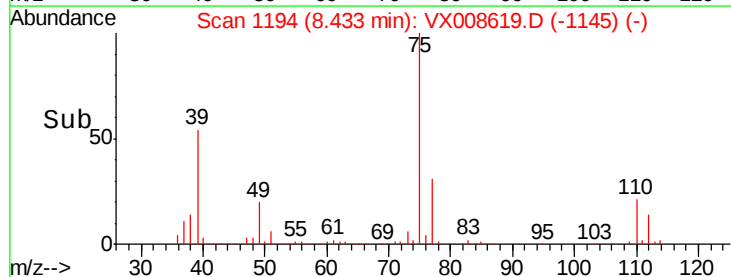
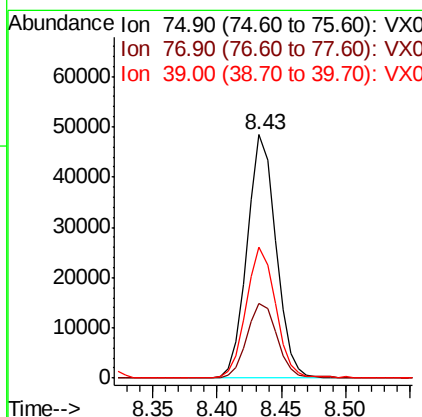
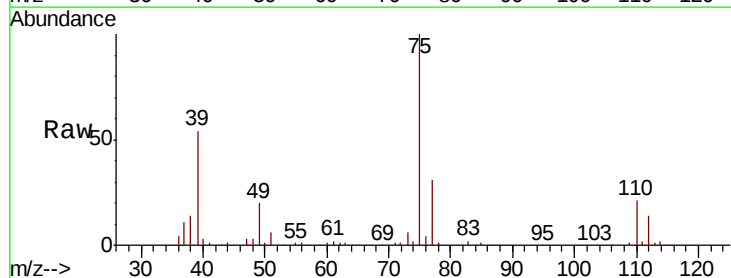
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

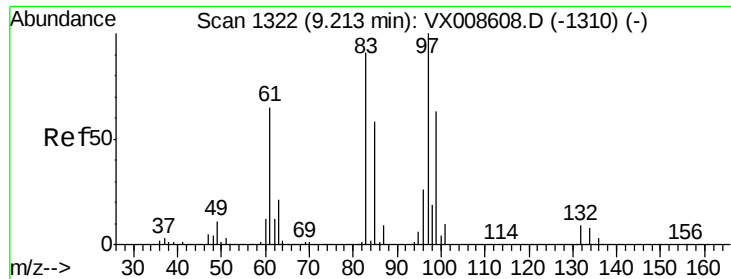
Tot Ion: 75 Resp: 66482
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 17.135 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion: 75 Resp: 74813
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.3 37.9
 39 53.8 42.6 63.8

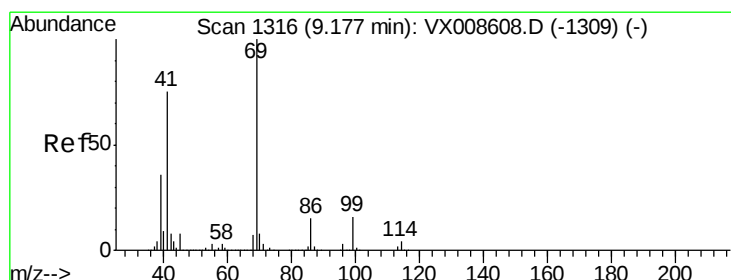
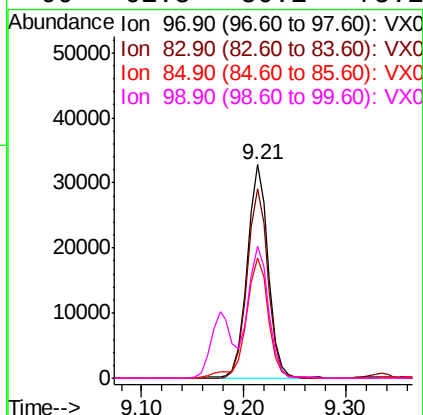
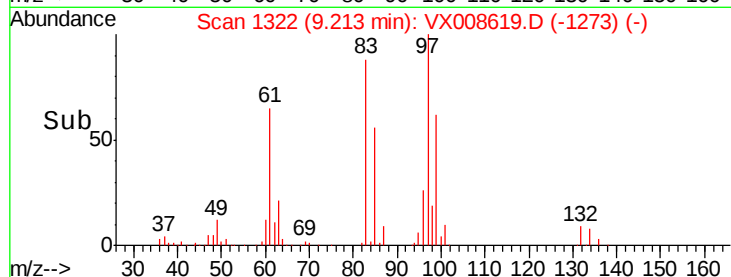
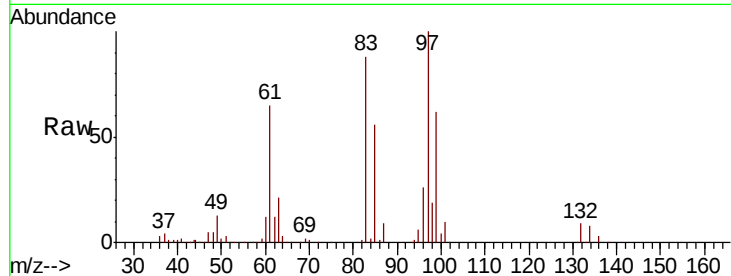




#55
 1,1,2-Trichloroethane
 Concen: 18.212 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

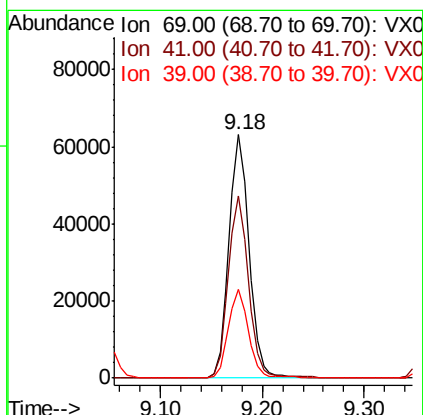
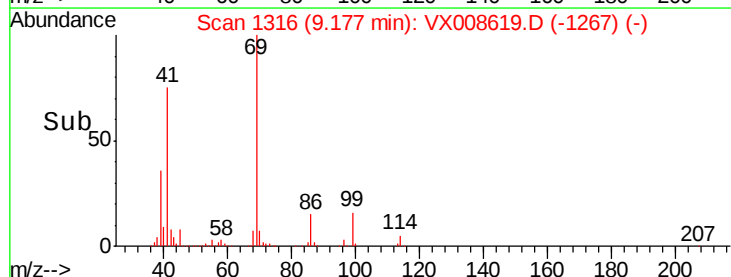
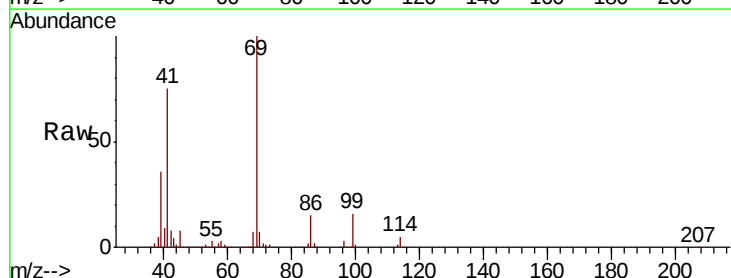
Instrument :
 MSVOA_X
 ClientSampled :
 VX0403WBS01

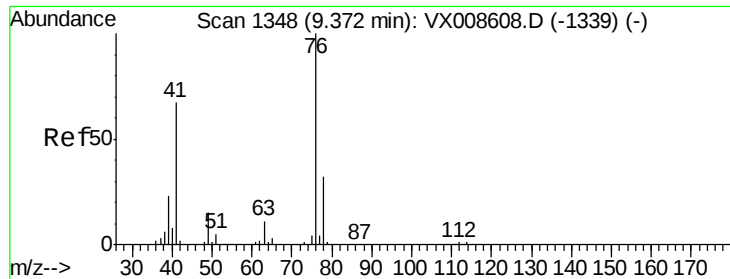
Tot Ion:	97	Resp:	47099
Ion	Ratio	Lower	Upper
97	100		
83	88.5	73.2	109.8
85	56.4	46.6	69.8
99	61.8	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 18.440 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion:	69	Resp:	86286
Ion	Ratio	Lower	Upper
69	100		
41	74.7	60.1	90.1
39	35.5	28.9	43.3





#57

1,3-Dichloropropane

Concen: 18.073 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

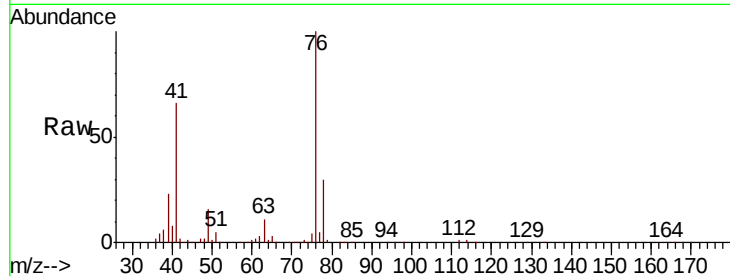
VX0403WBS01

Tot Ion: 76 Resp: 83930

Ion Ratio Lower Upper

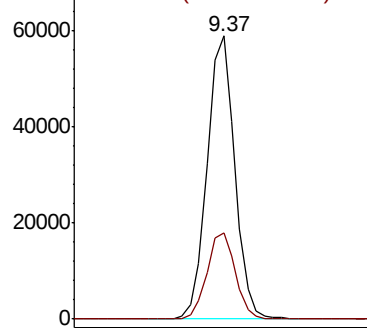
76 100

78 31.5 25.6 38.4

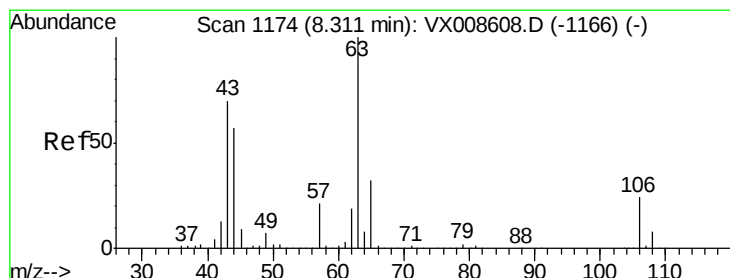
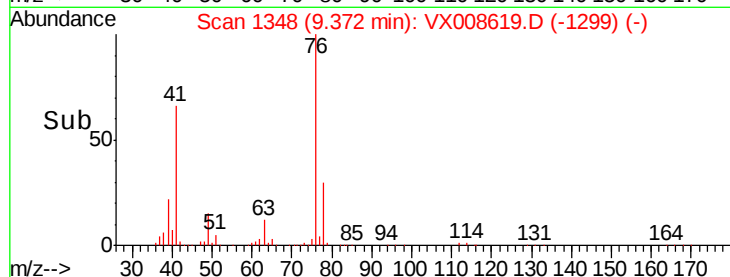


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 97.595 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008619.D

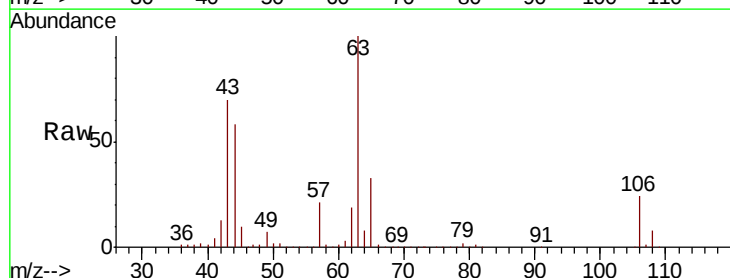
Acq: 03 Apr 2019 17:44

Tgt Ion: 63 Resp: 233187

Ion Ratio Lower Upper

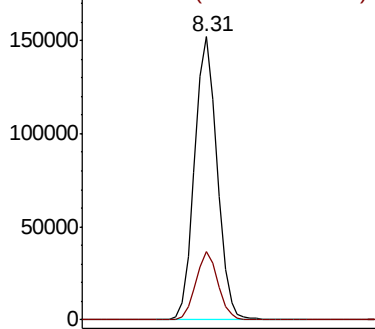
63 100

106 23.7 19.0 28.6

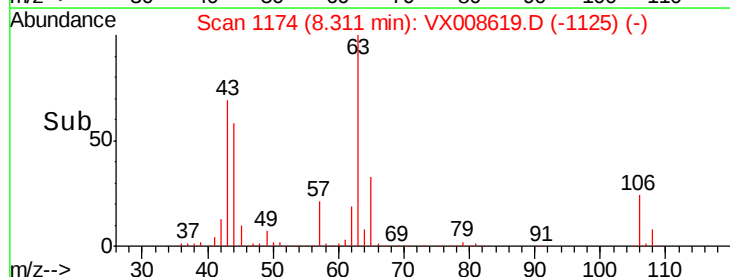


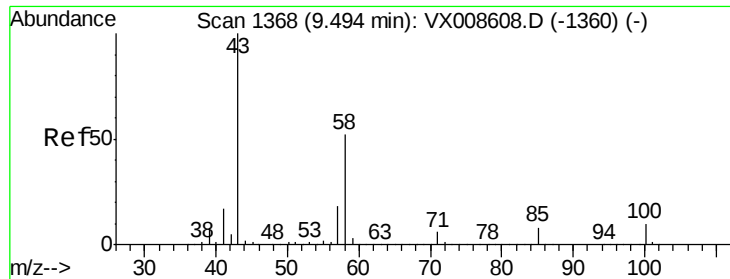
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

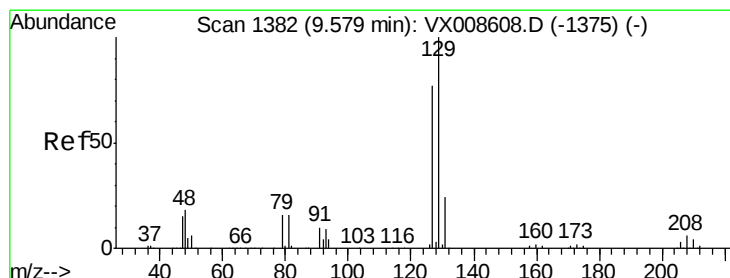
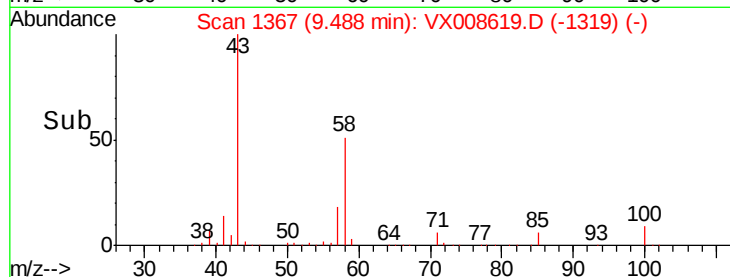
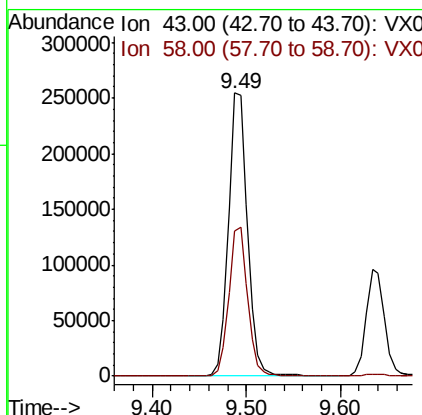
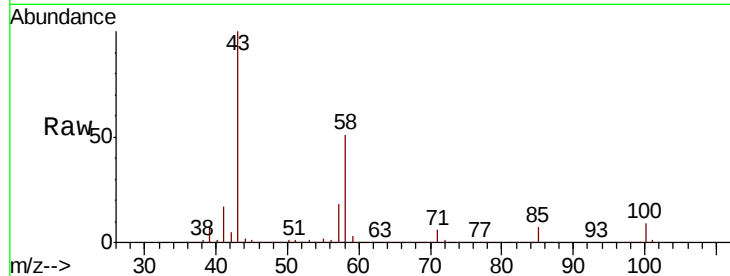




#59
2-Hexanone
Concen: 93.060 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

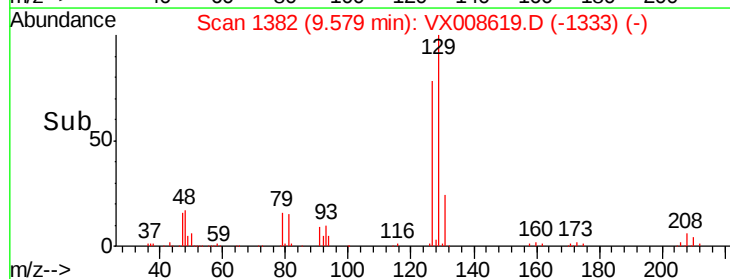
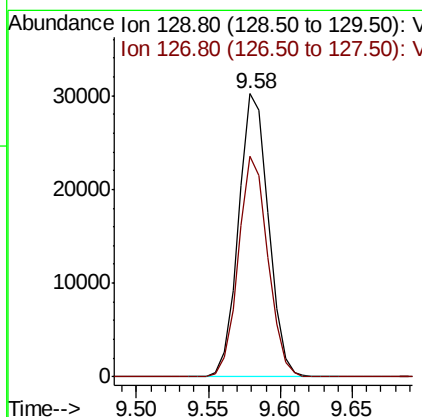
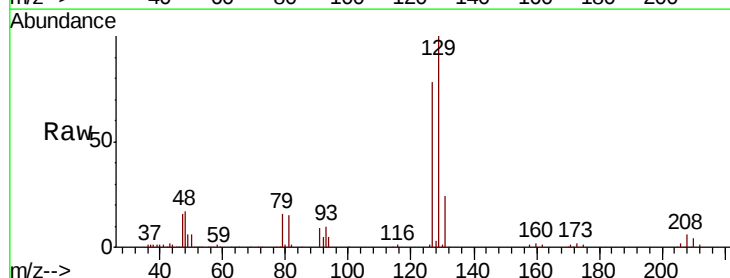
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

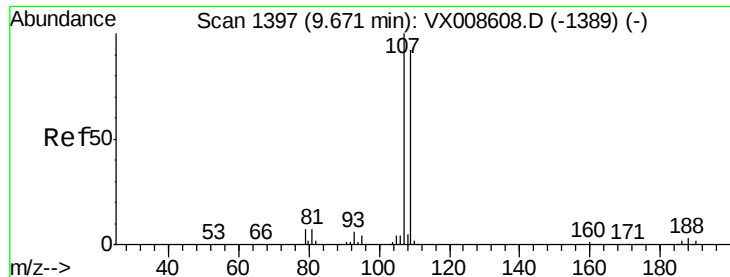
Tot Ion: 43 Resp: 357097
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.7



#60
Dibromochloromethane
Concen: 17.840 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 129 Resp: 43476
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.717 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

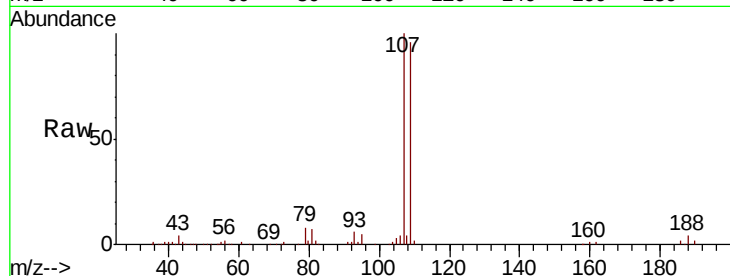
VX0403WBS01

Tot Ion:107 Resp: 47699

Ion Ratio Lower Upper

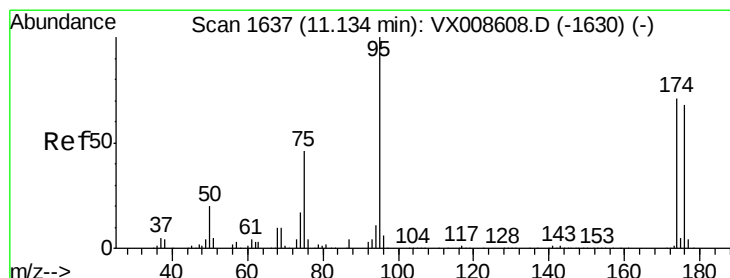
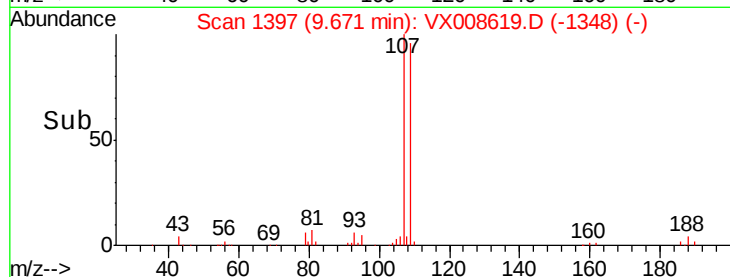
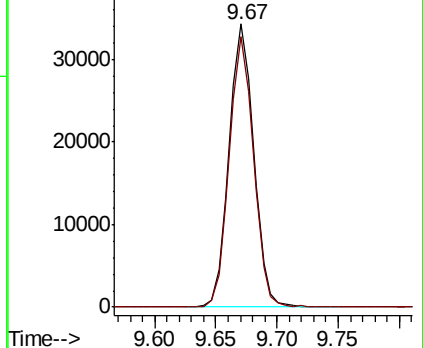
107 100

109 94.2 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.128 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

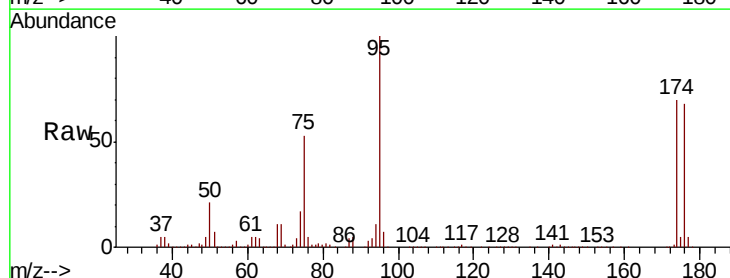
Tgt Ion: 95 Resp: 154896

Ion Ratio Lower Upper

95 100

174 75.8 0.0 151.8

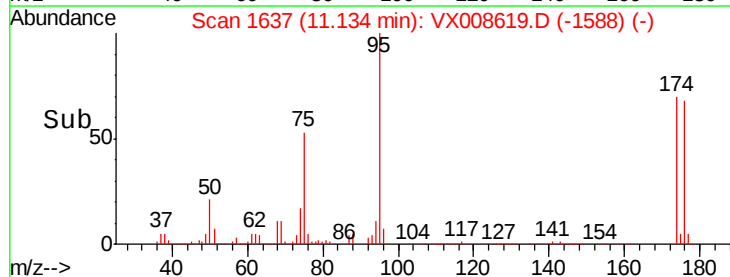
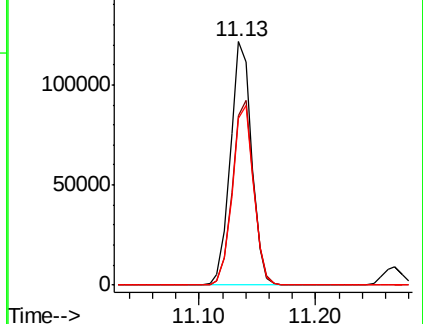
176 73.8 0.0 145.8

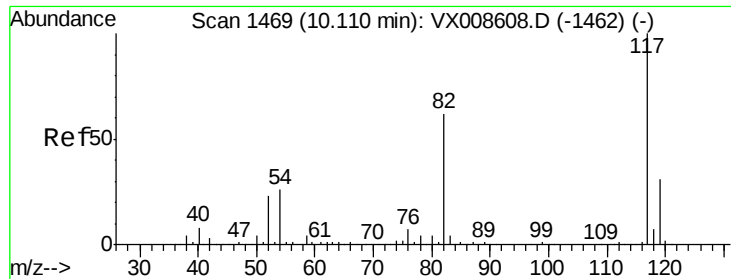


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

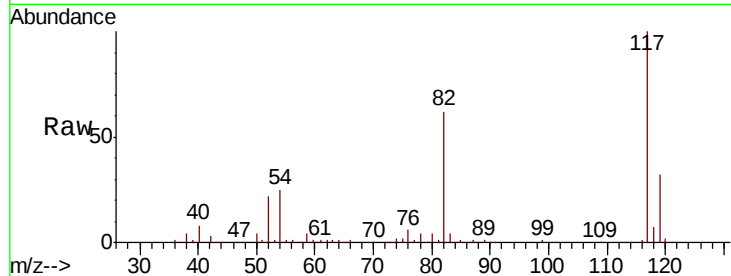




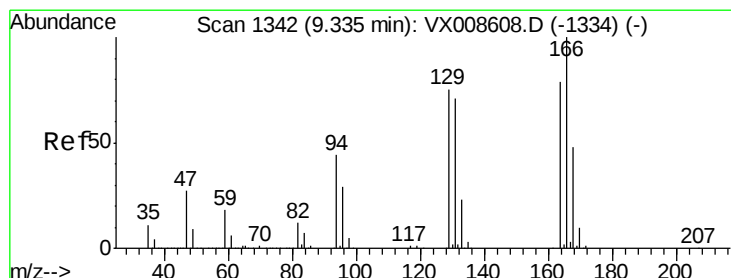
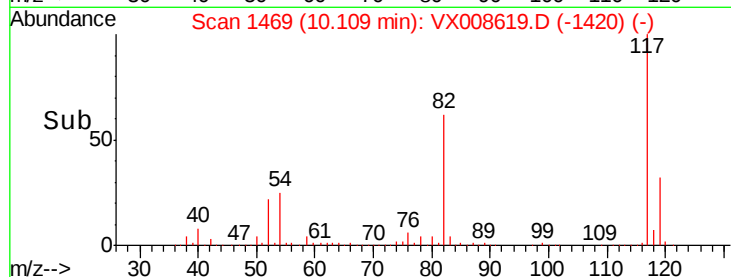
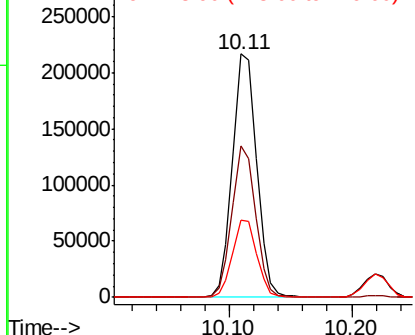
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion:117 Resp: 297079
Ion Ratio Lower Upper
117 100
82 61.9 49.6 74.4
119 31.8 25.0 37.4



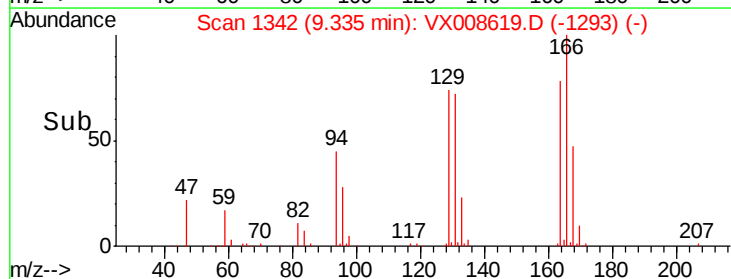
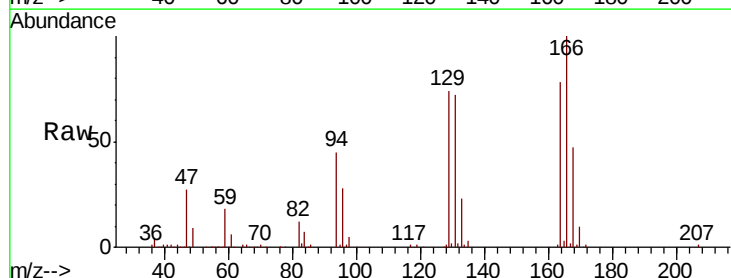
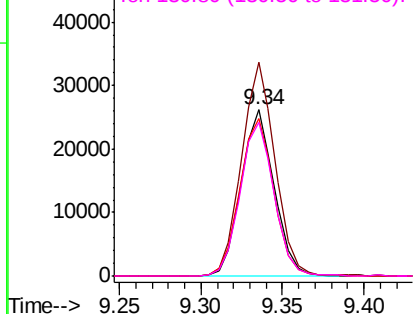
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

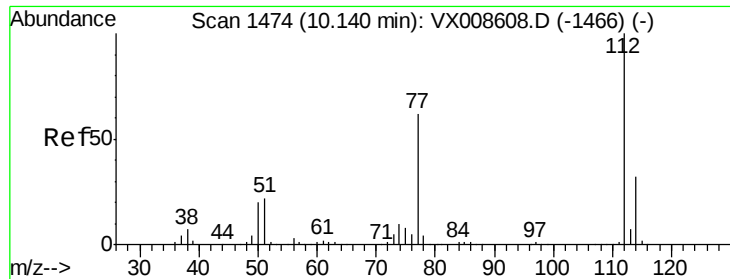


#64
Tetrachloroethene
Concen: 16.769 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion:164 Resp: 36909
Ion Ratio Lower Upper
164 100
166 128.8 101.0 151.6
129 95.0 75.8 113.8
131 92.6 71.8 107.8

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

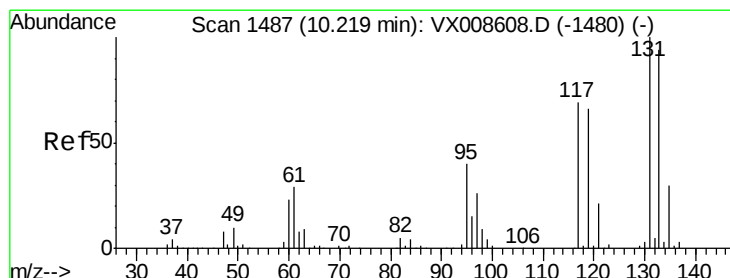
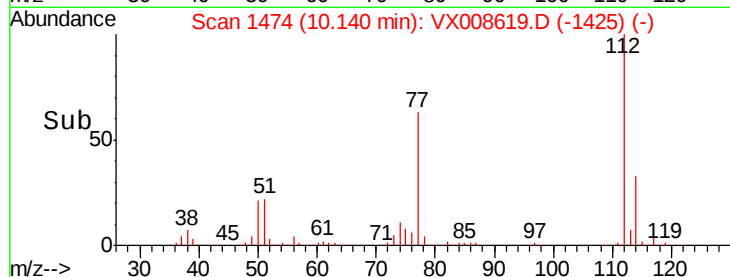
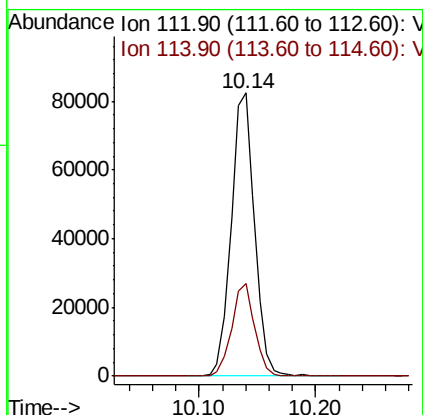
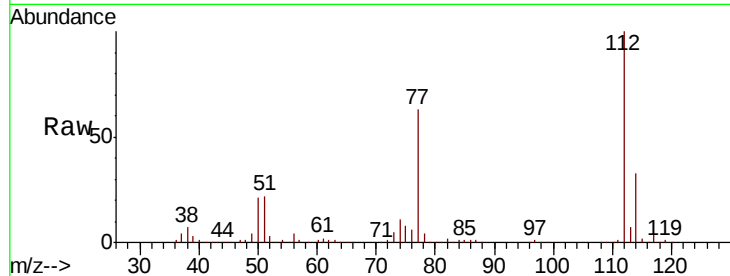




#65
Chlorobenzene
Concen: 17.474 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

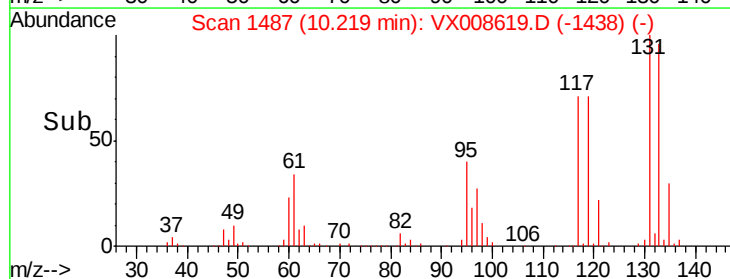
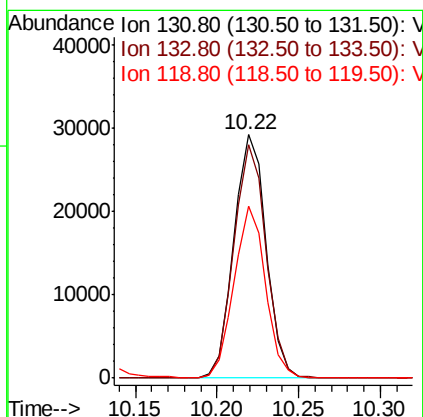
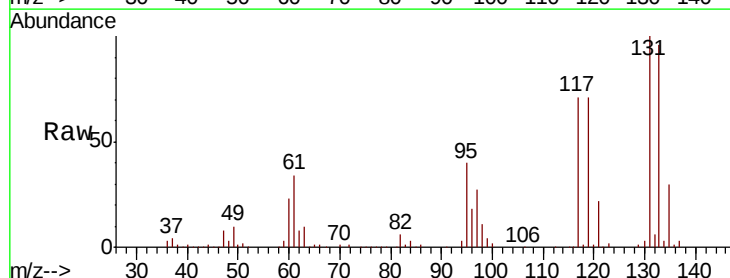
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

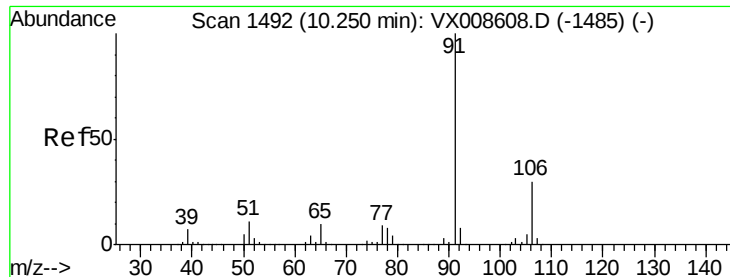
Tot Ion:112 Resp: 115069
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.434 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion:131 Resp: 40278
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.2
119 69.1 33.7 101.0





#67

Ethyl Benzene

Concen: 17.670 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

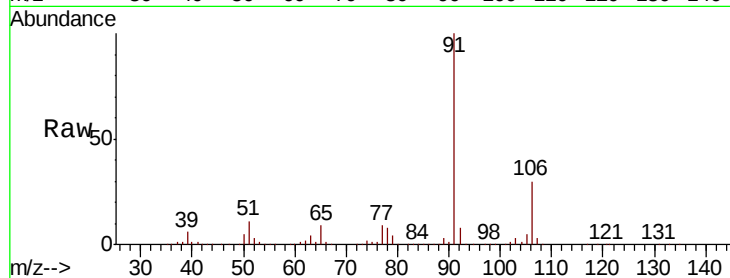
VX0403WBS01

Tot Ion: 91 Resp: 216981

Ion Ratio Lower Upper

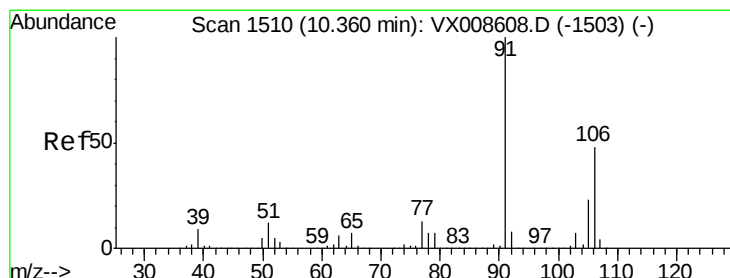
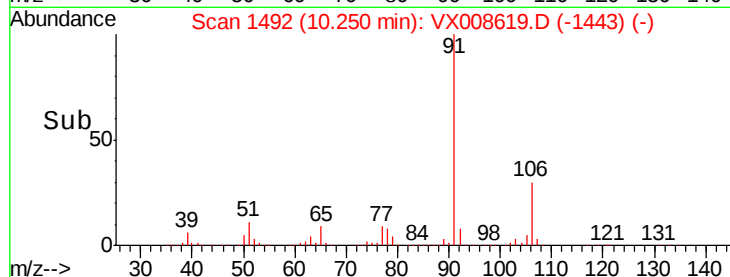
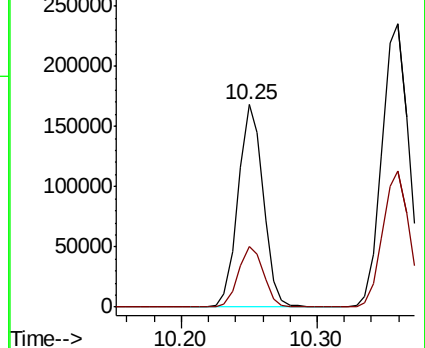
91 100

106 30.0 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: 34.799 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008619.D

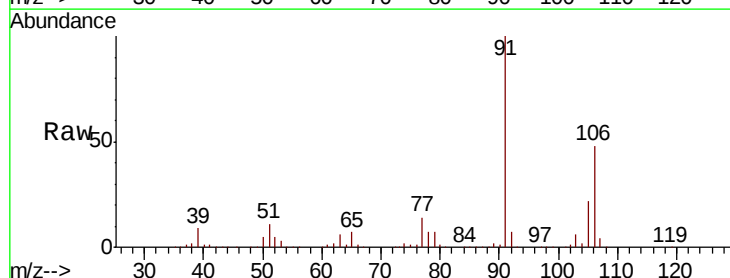
Acq: 03 Apr 2019 17:44

Tgt Ion:106 Resp: 153644

Ion Ratio Lower Upper

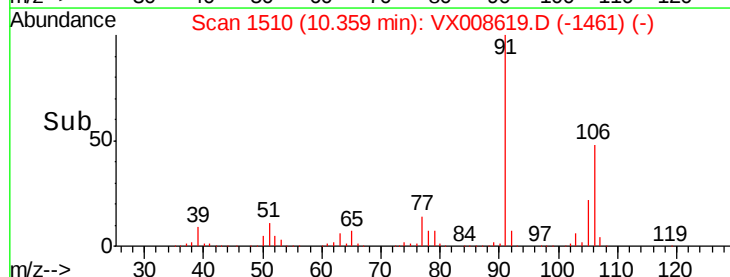
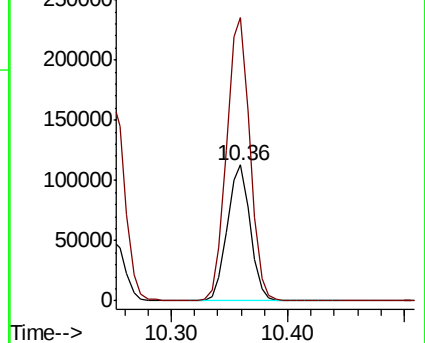
106 100

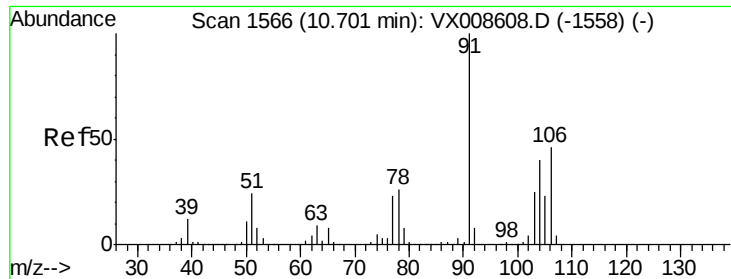
91 211.5 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

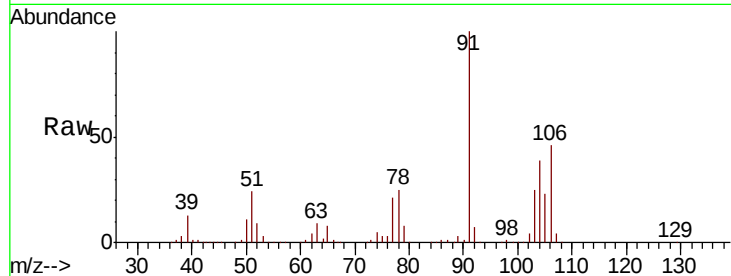




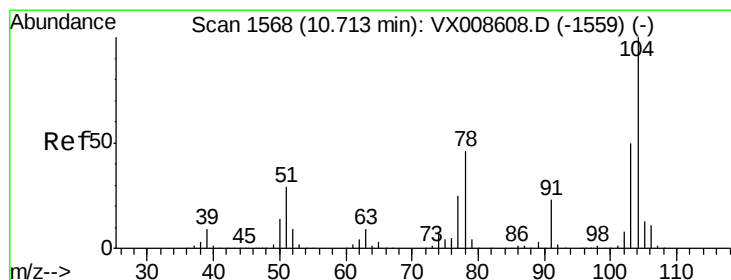
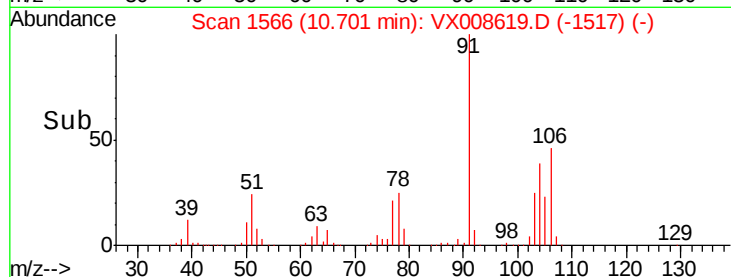
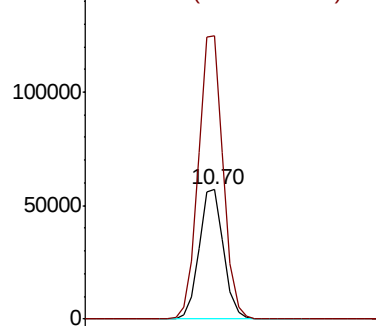
#69
o-Xylene
Concen: 17.724 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Instrument :
MSVOA_X
ClientSampled :
VX0403WBS01

Tot Ion:106 Resp: 75835
Ion Ratio Lower Upper
106 100
91 222.1 111.5 334.4

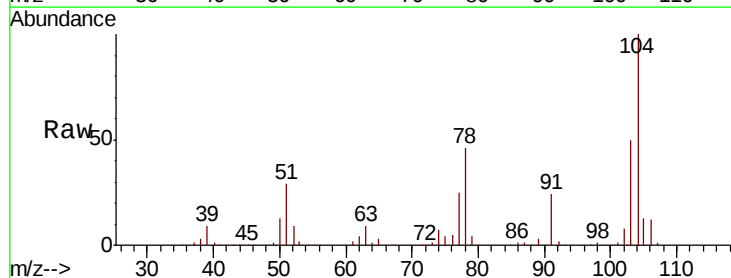


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

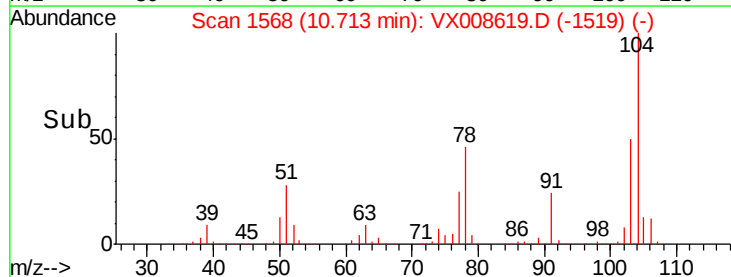
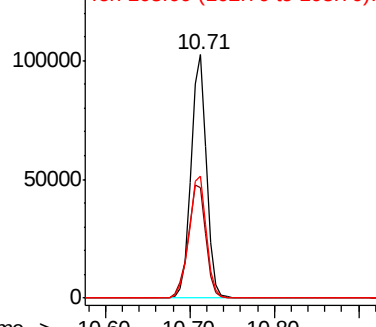


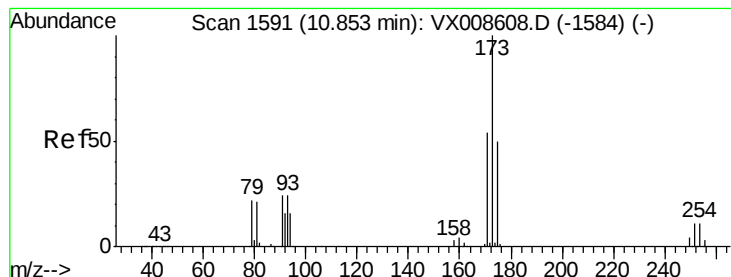
#70
Styrene
Concen: 17.788 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion:104 Resp: 131197
Ion Ratio Lower Upper
104 100
78 53.4 42.3 63.5
103 55.9 44.4 66.6



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





#71

Bromoform

Concen: 17.320 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

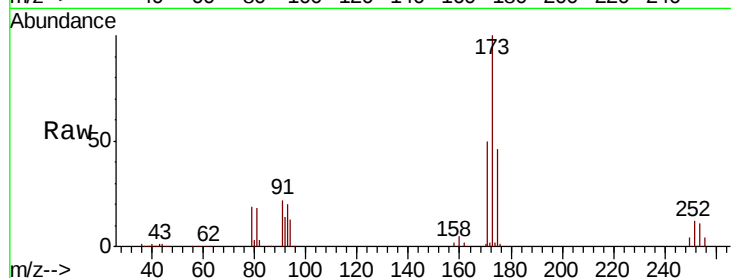
Tot Ion:173 Resp: 30560

Ion Ratio Lower Upper

173 100

175 48.2 24.9 74.6

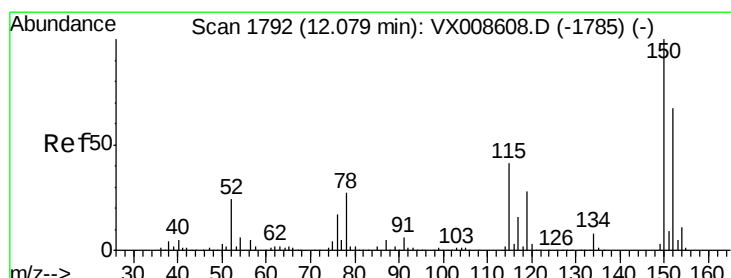
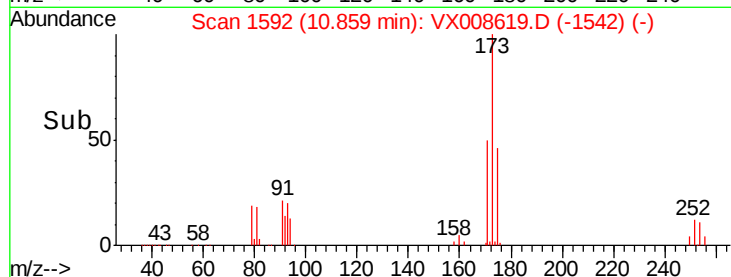
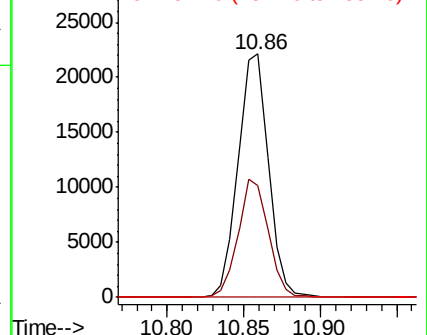
254 0.1 0.1 0.1#



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: VX008619.D

Acq: 03 Apr 2019 17:44

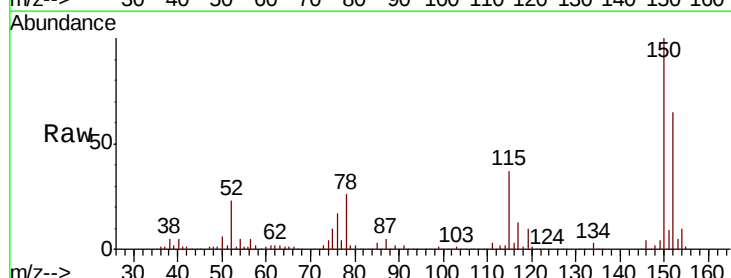
Tgt Ion:152 Resp: 132760

Ion Ratio Lower Upper

152 100

115 69.6 43.5 130.5

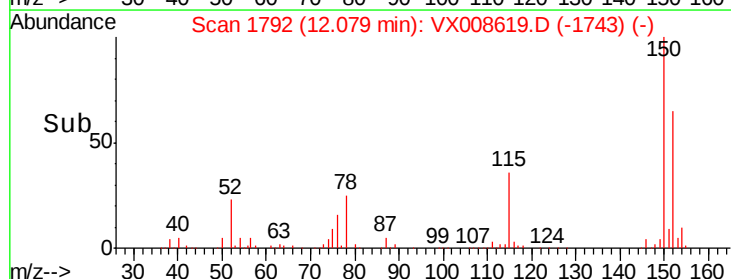
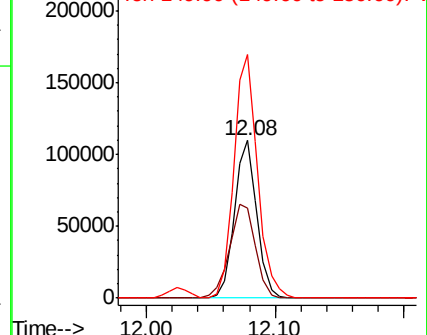
150 163.9 0.0 348.8

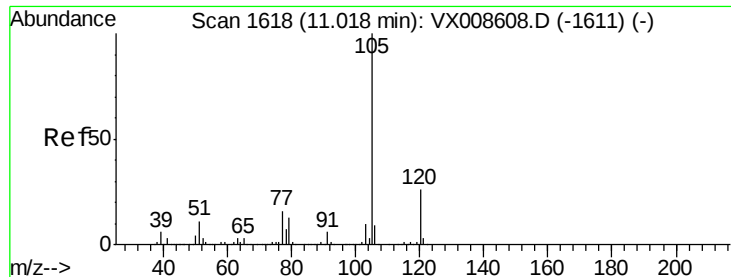


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.412 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

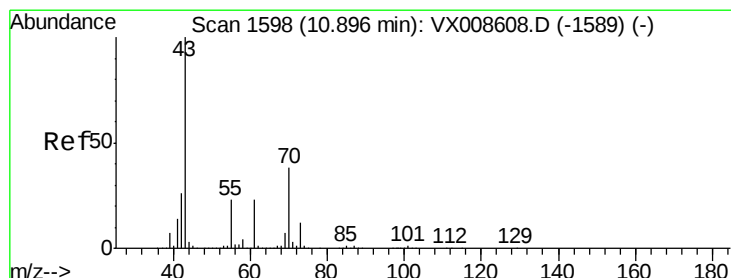
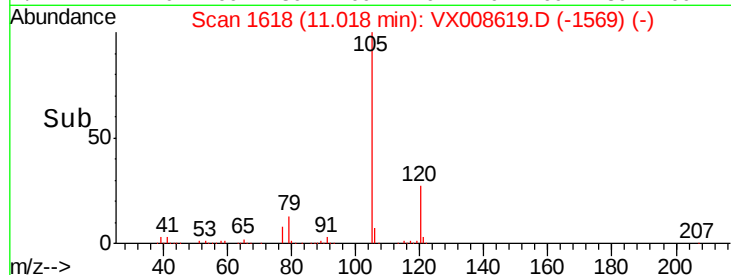
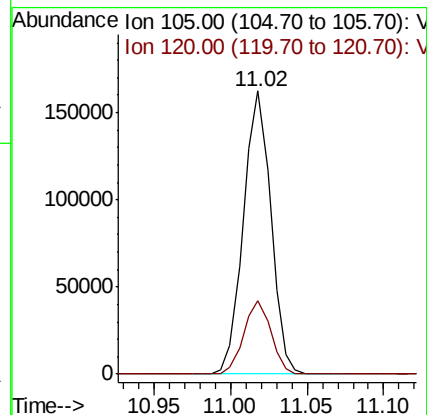
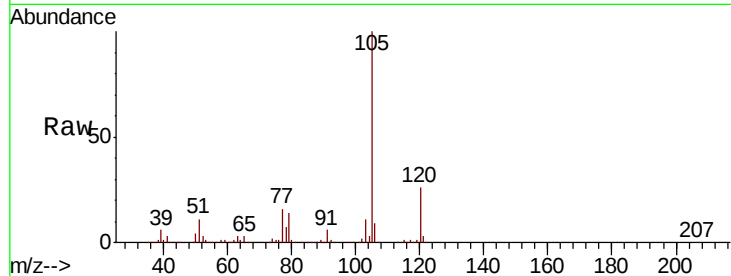
VX0403WBS01

Tot Ion:105 Resp: 202574

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 18.561 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Tgt Ion: 43 Resp: 120146

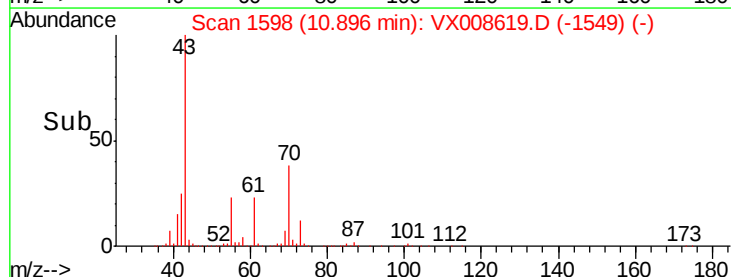
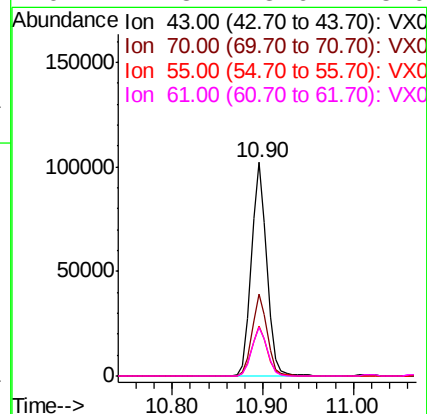
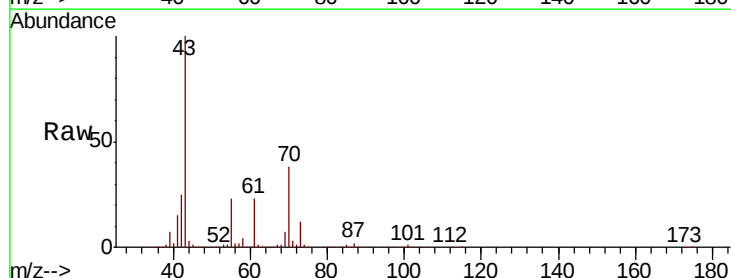
Ion Ratio Lower Upper

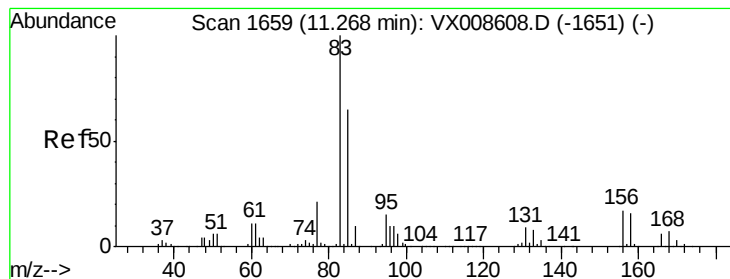
43 100

70 37.7 30.2 45.4

55 23.3 18.2 27.4

61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.640 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

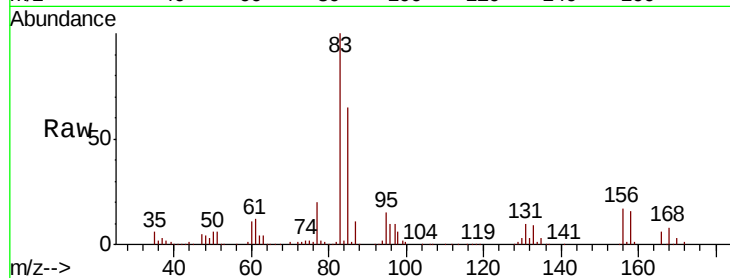
Tot Ion: 83 Resp: 77995

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.7

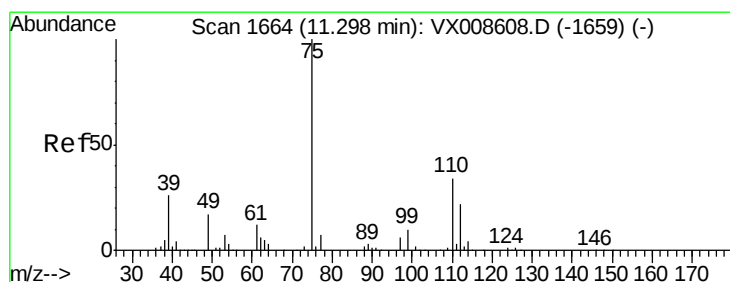
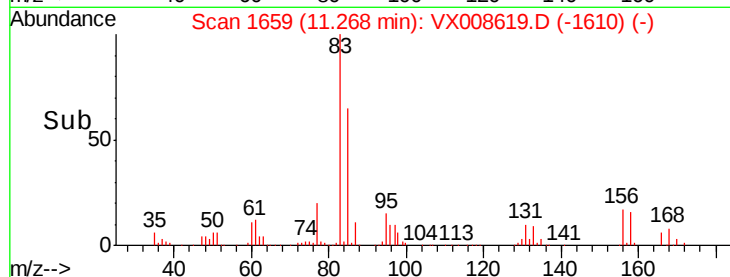
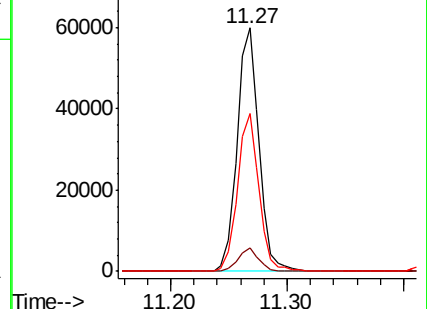
85 63.7 32.0 96.2



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: 24.001 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008619.D

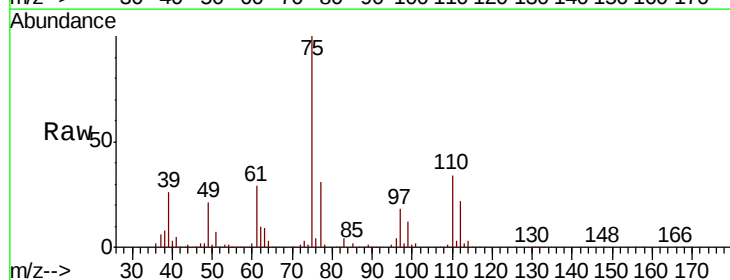
Acq: 03 Apr 2019 17:44

Tgt Ion: 75 Resp: 87534

Ion Ratio Lower Upper

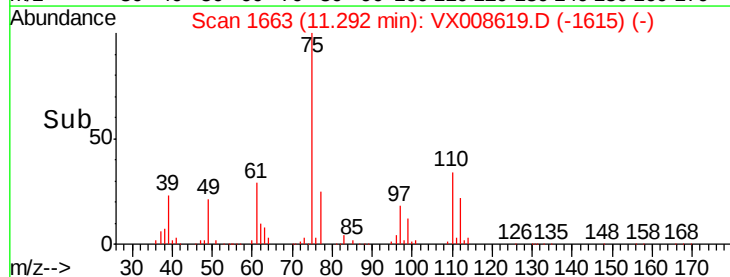
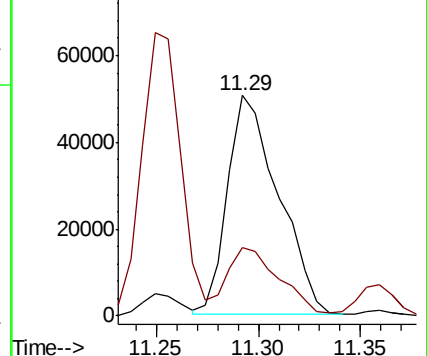
75 100

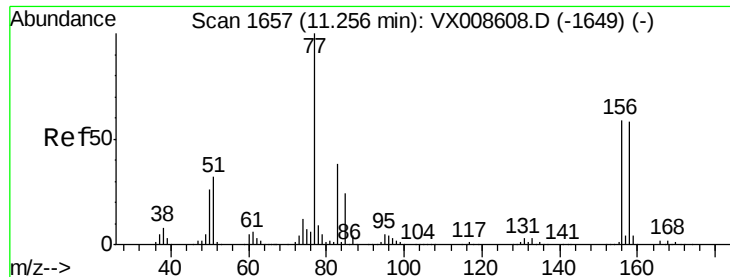
77 32.3 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.967 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

VX0403WBS01

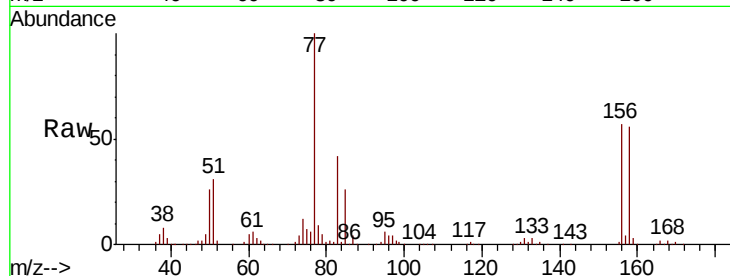
Tot Ion:156 Resp: 47521

Ion Ratio Lower Upper

156 100

77 182.3 89.8 269.6

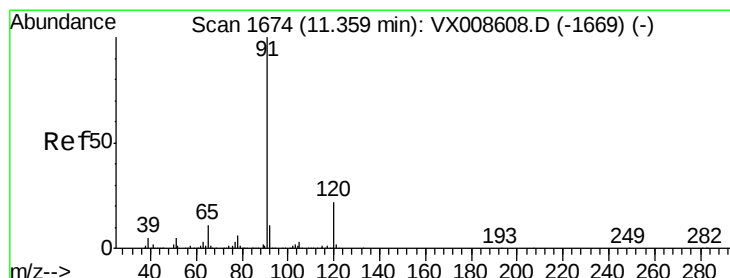
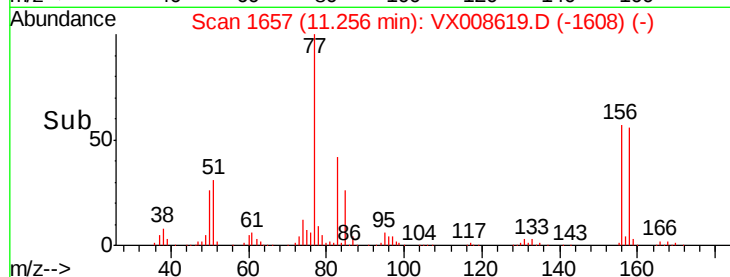
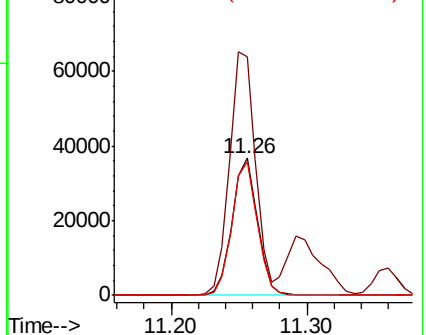
158 97.2 48.6 145.9



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: 18.107 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008619.D

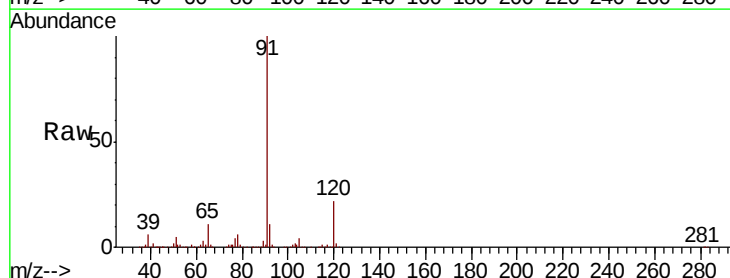
Acq: 03 Apr 2019 17:44

Tgt Ion: 91 Resp: 231968

Ion Ratio Lower Upper

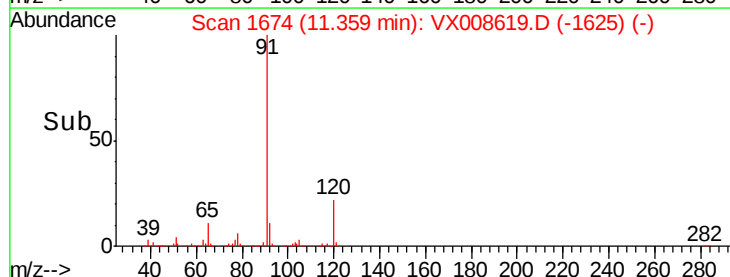
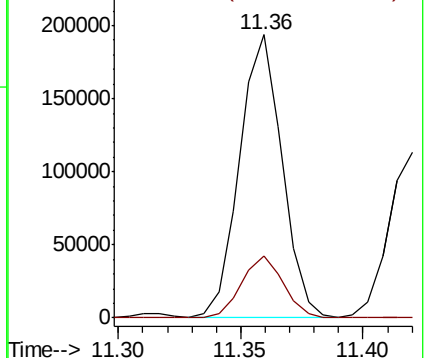
91 100

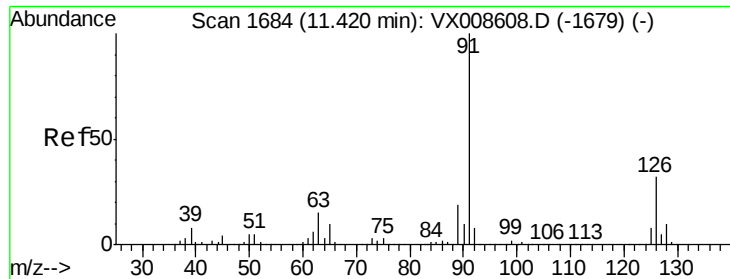
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.027 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

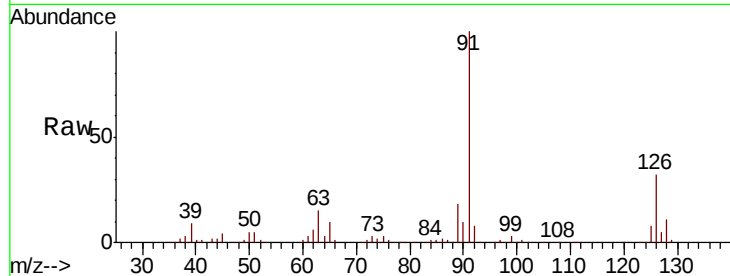
VX0403WBS01

Tot Ion: 91 Resp: 139757

Ion Ratio Lower Upper

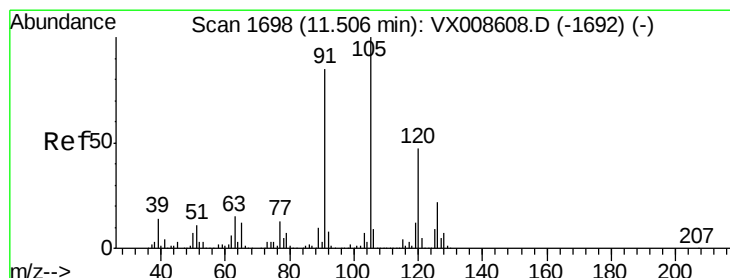
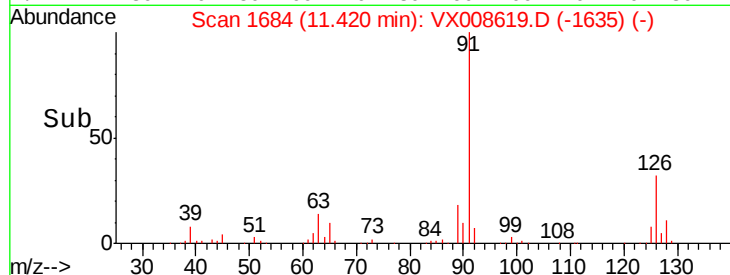
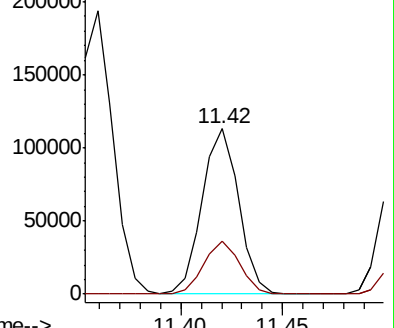
91 100

126 32.0 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.193 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008619.D

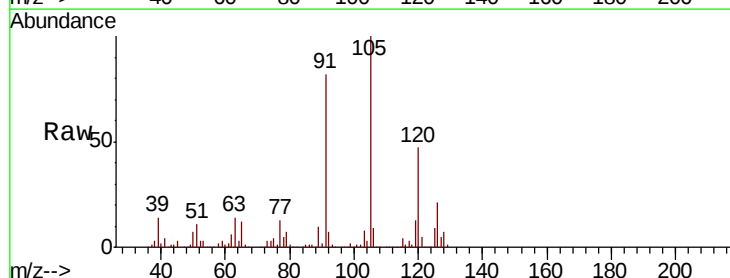
Acq: 03 Apr 2019 17:44

Tgt Ion:105 Resp: 168021

Ion Ratio Lower Upper

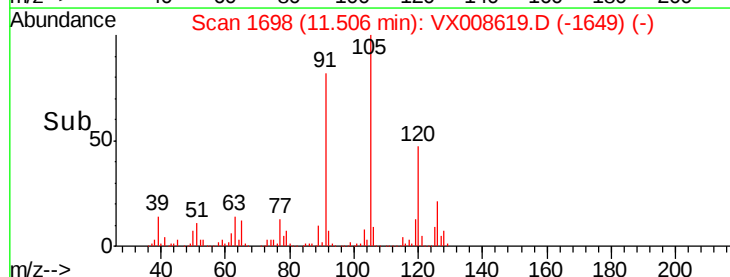
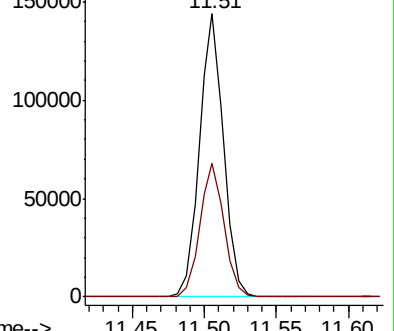
105 100

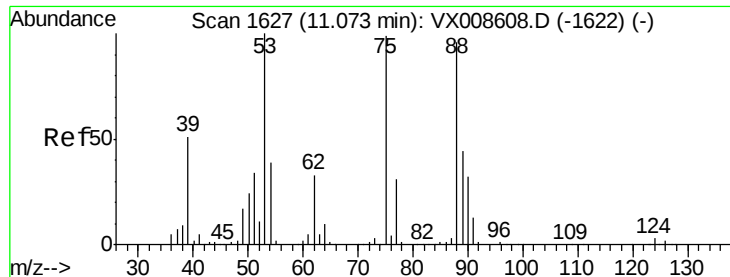
120 47.6 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.235 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

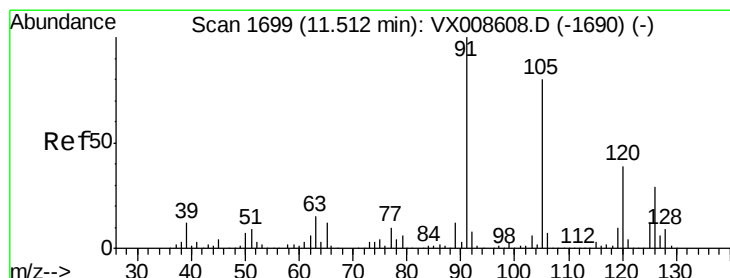
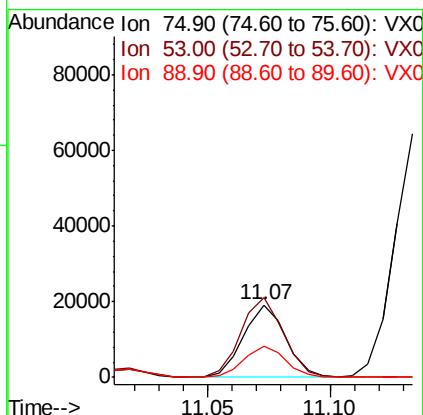
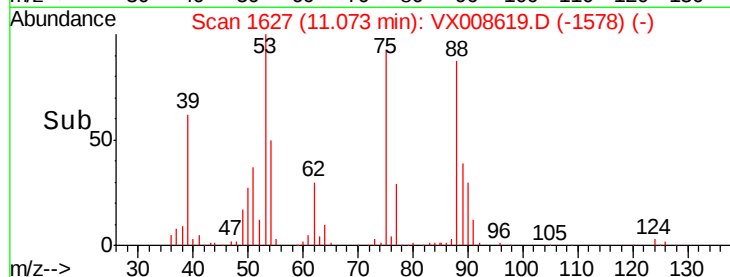
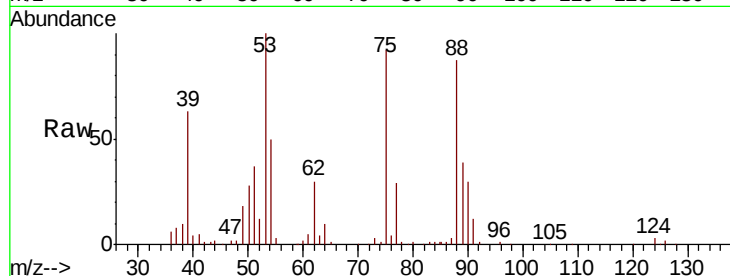
Tot Ion: 75 Resp: 22803

Ion Ratio Lower Upper

75 100

53 111.0 81.3 121.9

89 43.2 35.6 53.4



#82

4-Chlorotoluene

Concen: 17.549 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008619.D

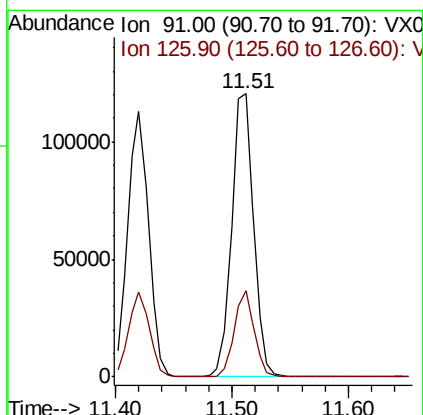
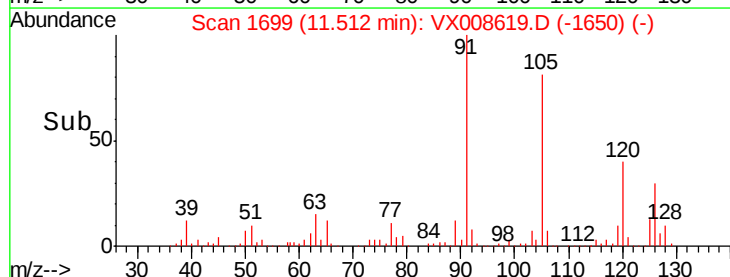
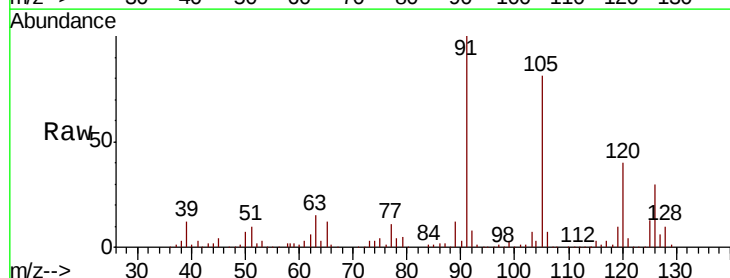
Acq: 03 Apr 2019 17:44

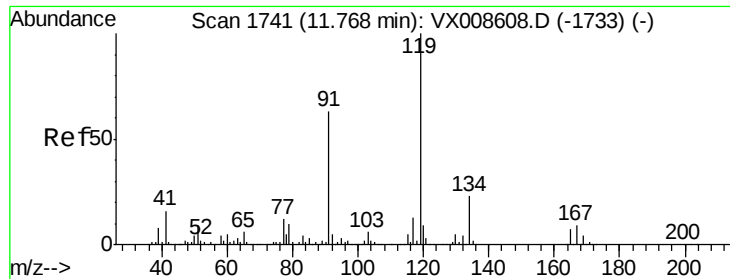
Tgt Ion: 91 Resp: 157475

Ion Ratio Lower Upper

91 100

126 27.8 13.9 41.6

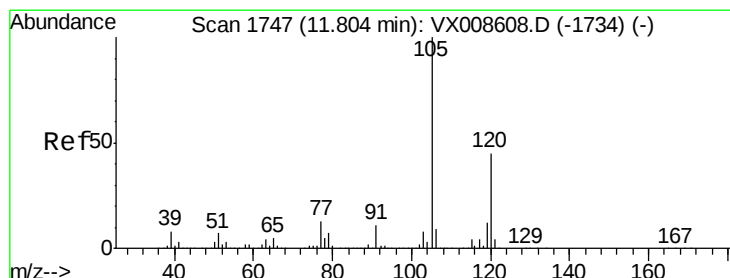
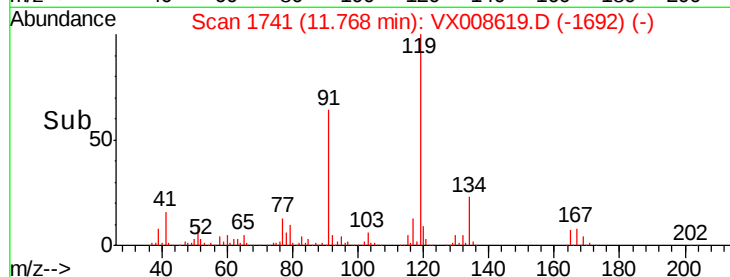
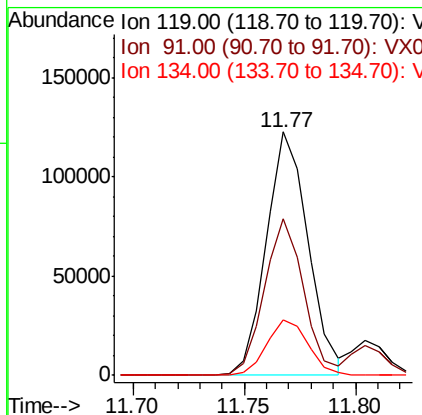
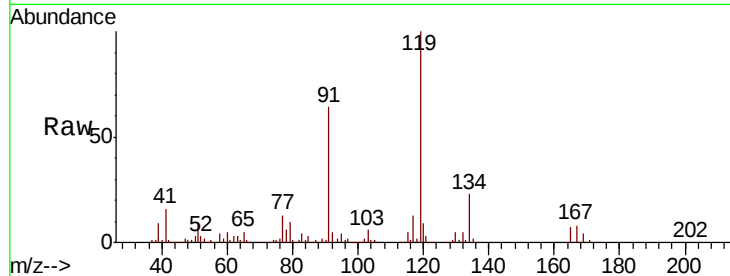




#83
tert-Butylbenzene
Concen: 17.943 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

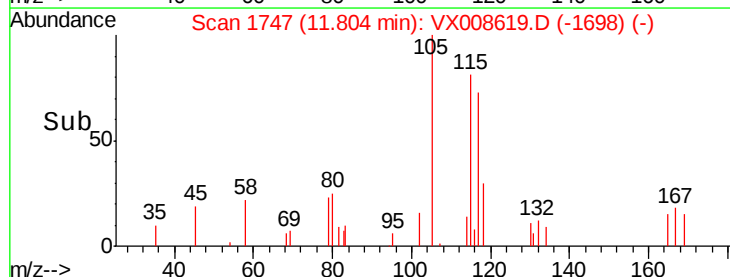
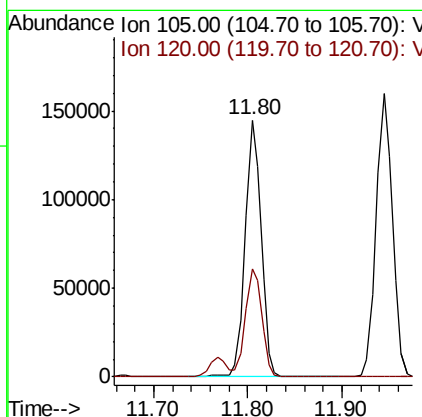
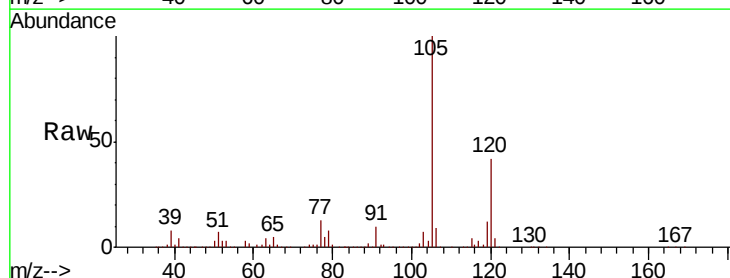
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

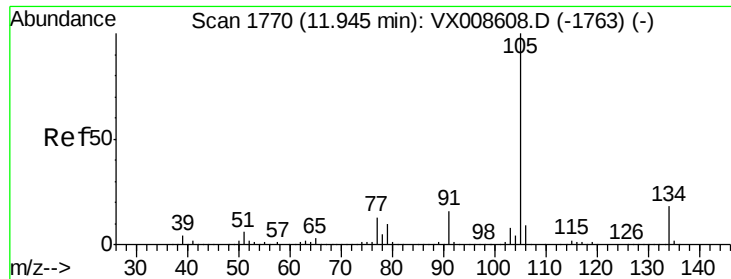
Tot Ion:119 Resp: 159424
Ion Ratio Lower Upper
119 100
91 60.8 30.0 90.1
134 22.6 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 18.375 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion:105 Resp: 171831
Ion Ratio Lower Upper
105 100
120 42.7 21.8 65.3





#85

sec-Butylbenzene

Concen: 18.254 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

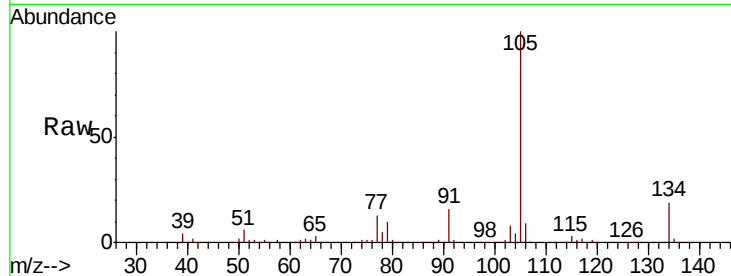
VX0403WBS01

Tot Ion:105 Resp: 192653

Ion Ratio Lower Upper

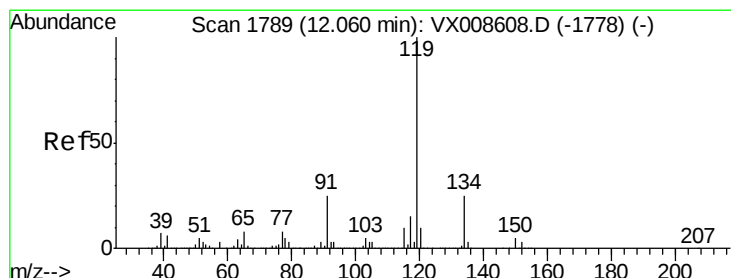
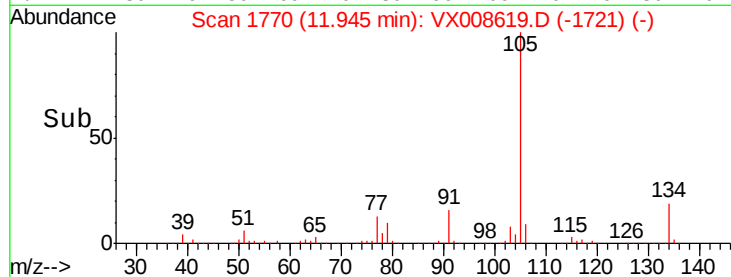
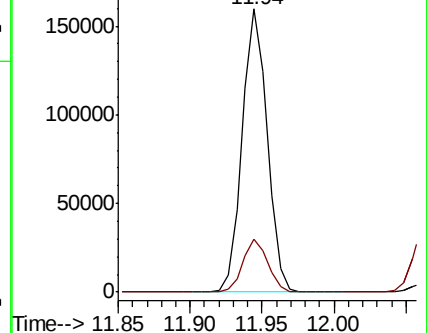
105 100

134 18.6 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.059 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

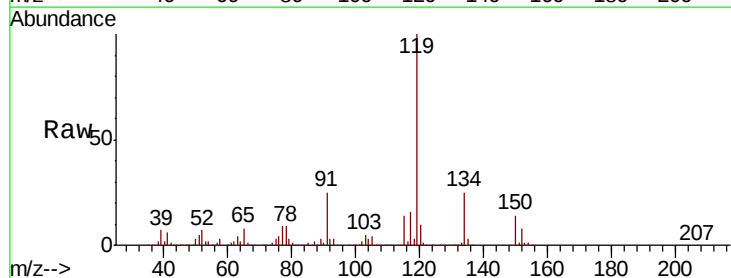
Tgt Ion:119 Resp: 171068

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

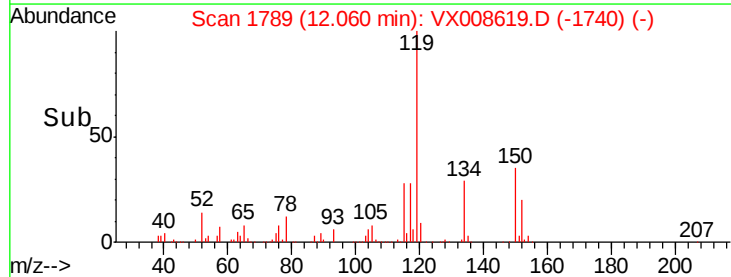
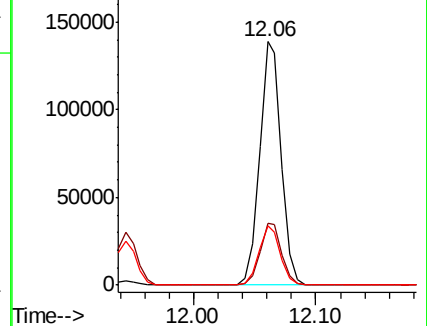
91 24.3 12.2 36.6

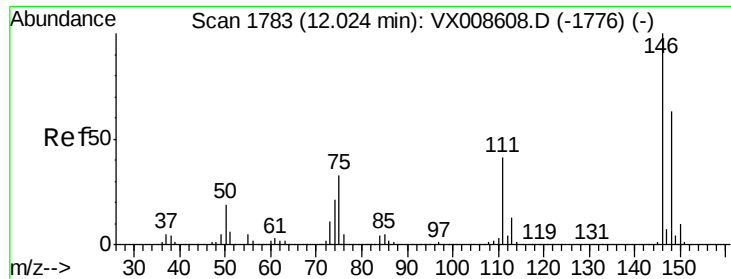


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

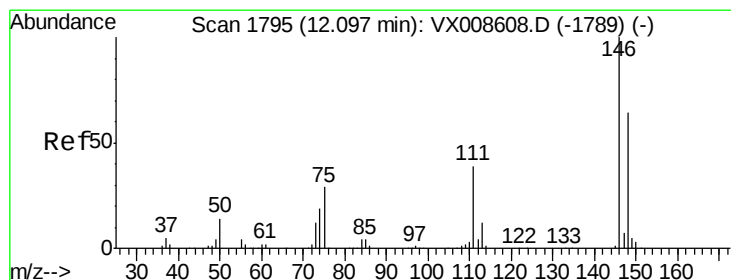
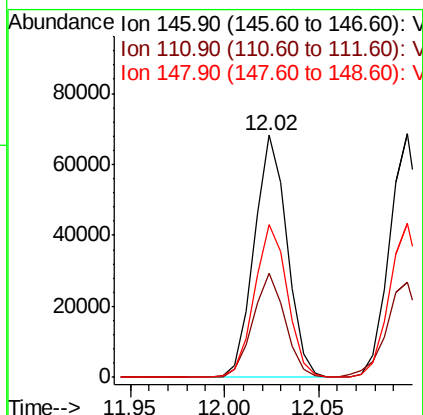
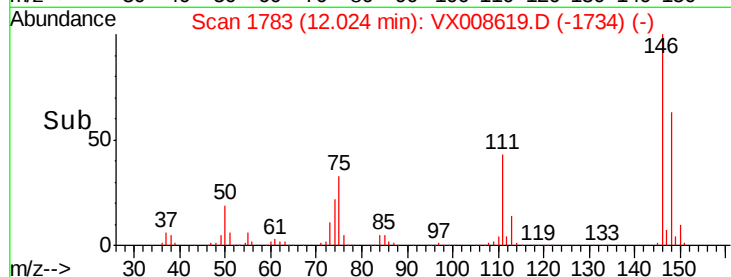
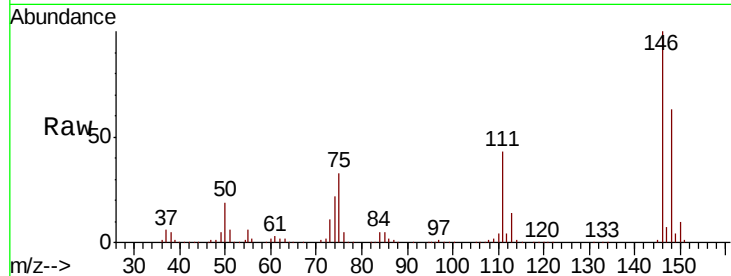




#87
 1,3-Dichlorobenzene
 Concen: 17.373 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

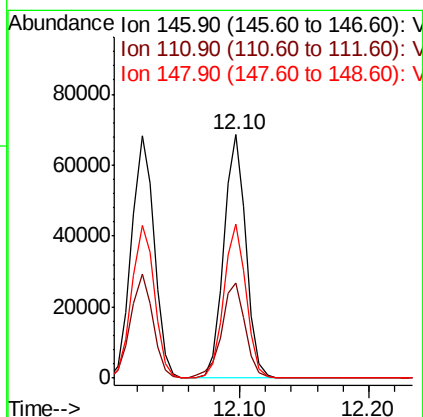
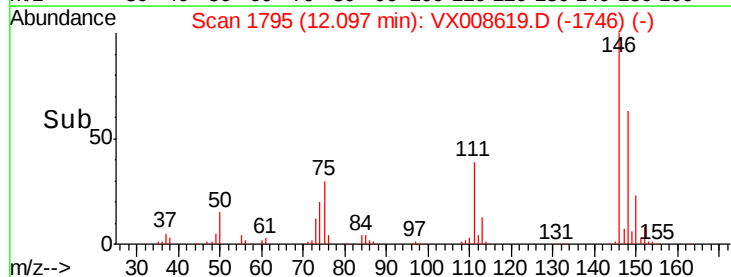
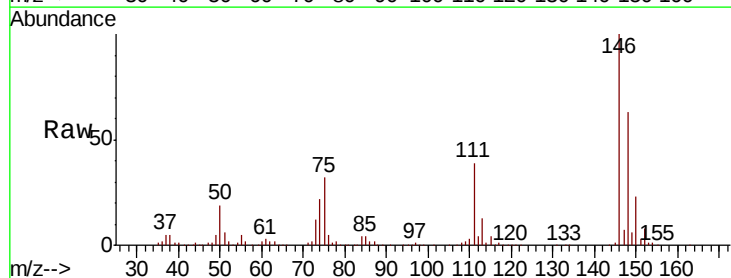
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

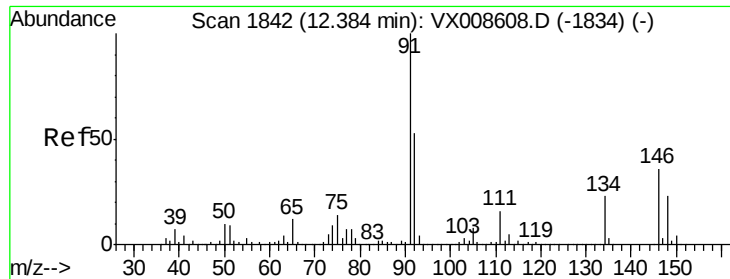
Tot Ion:146 Resp: 82261
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.5 61.5
 148 63.5 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 17.348 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion:146 Resp: 83179
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.2 60.6
 148 64.0 32.0 96.0

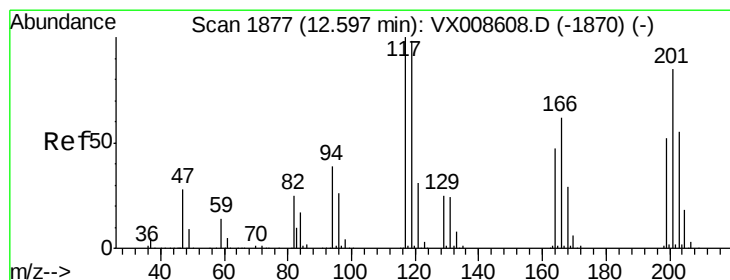
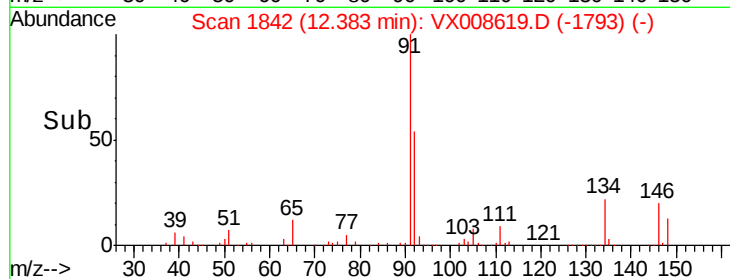
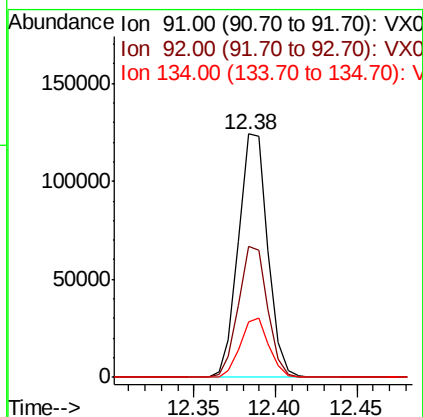
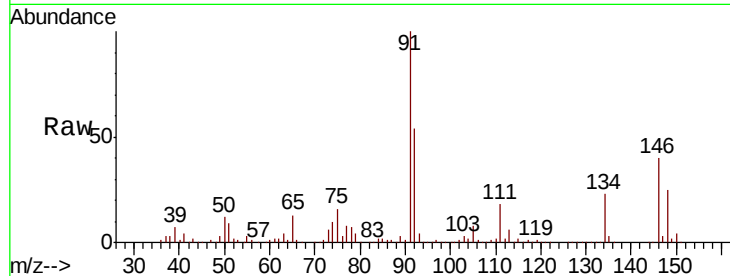




#89
n-Butylbenzene
Concen: 17.541 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

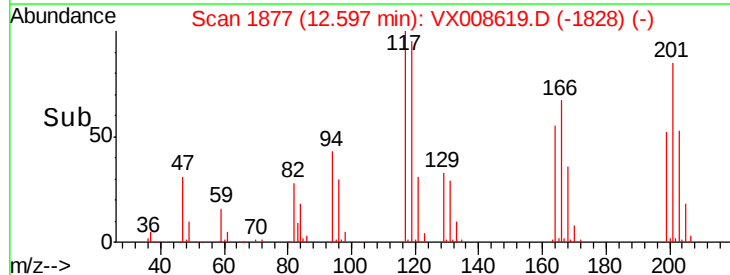
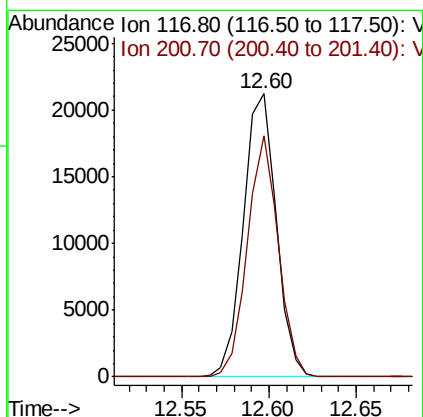
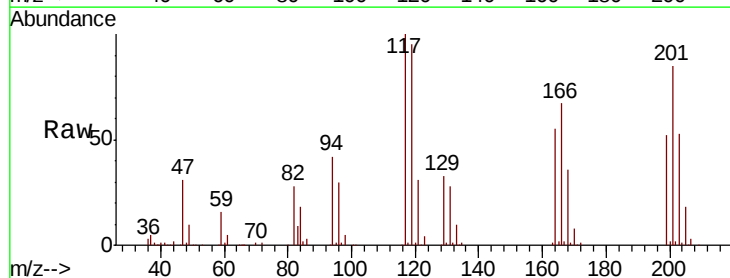
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBS01

Tot Ion: 91 Resp: 155830
Ion Ratio Lower Upper
91 100
92 53.6 26.4 79.2
134 23.5 12.0 36.0



#90
Hexachloroethane
Concen: 17.686 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008619.D
Acq: 03 Apr 2019 17:44

Tgt Ion: 117 Resp: 27787
Ion Ratio Lower Upper
117 100
201 80.0 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 17.816 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

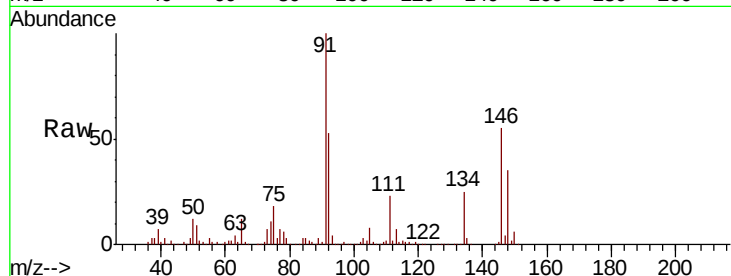
Tot Ion:146 Resp: 83758

Ion Ratio Lower Upper

146 100

111 42.9 21.3 63.9

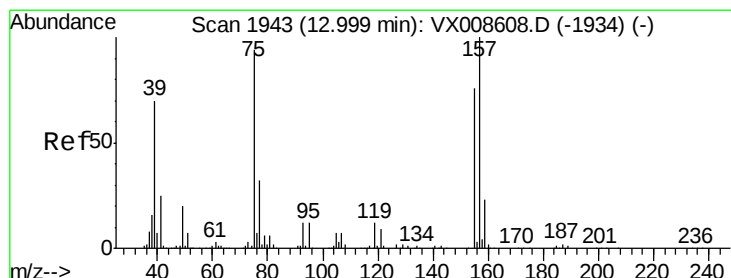
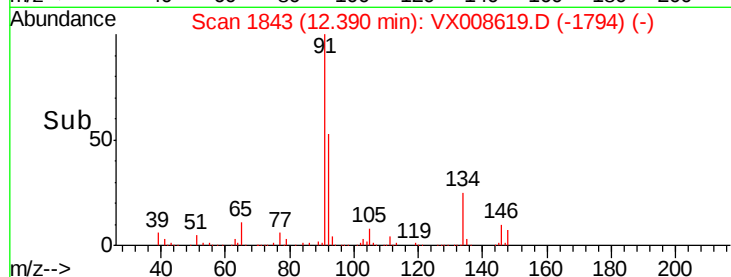
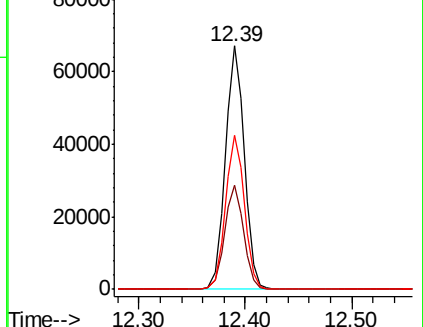
148 63.1 31.7 95.1



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: 18.200 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

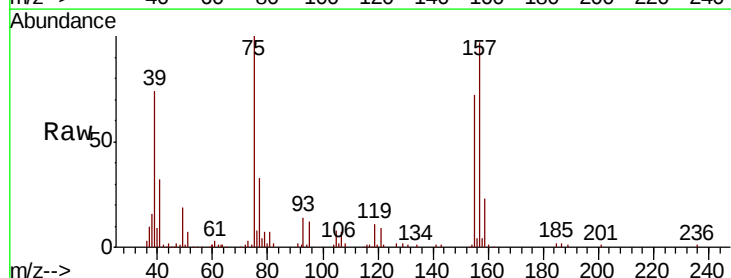
Tgt Ion: 75 Resp: 16753

Ion Ratio Lower Upper

75 100

155 77.7 39.9 119.6

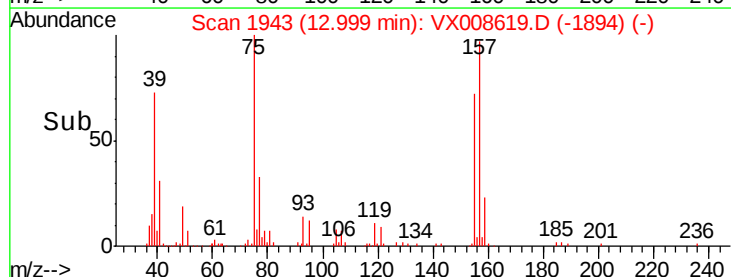
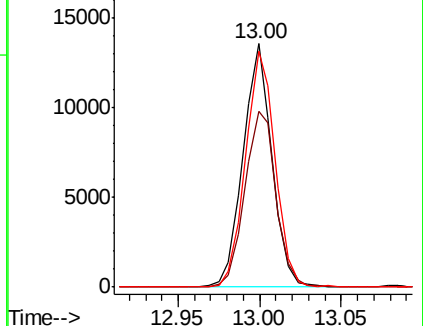
157 99.3 51.5 154.7



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

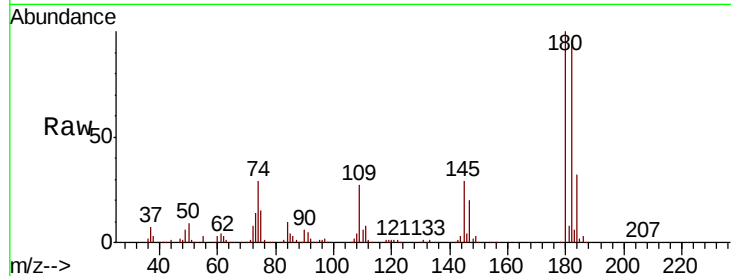




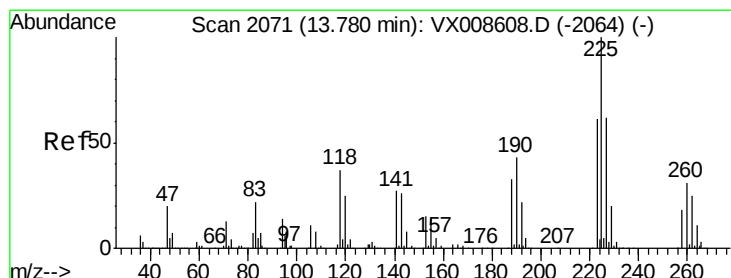
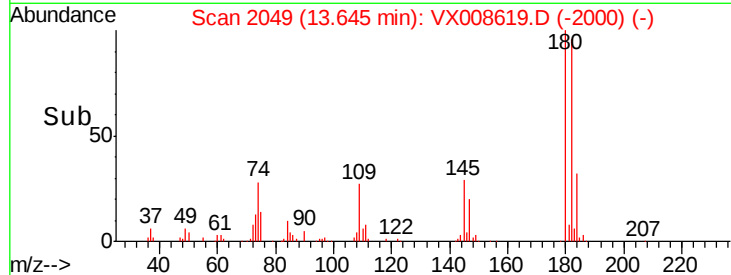
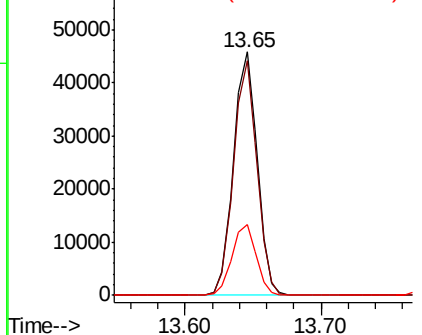
#93
 1,2,4-Trichlorobenzene
 Concen: 17.053 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Tot Ion:180 Resp: 55742
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.2 141.6
 145 29.7 15.3 45.9

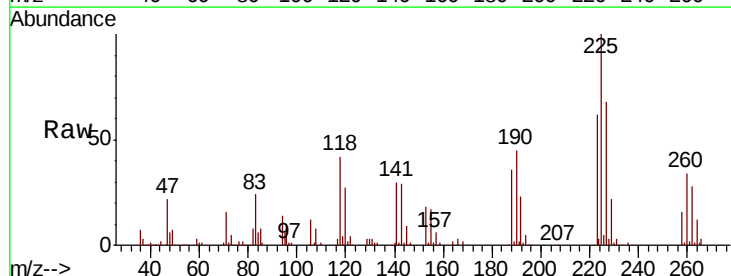


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

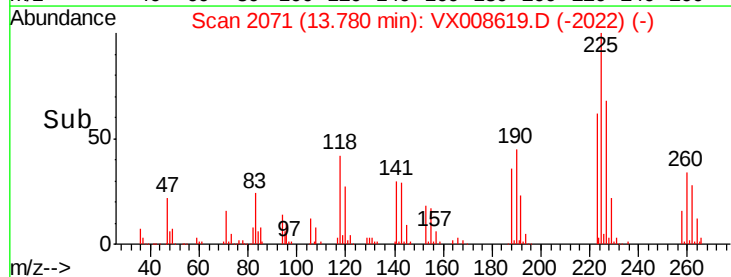
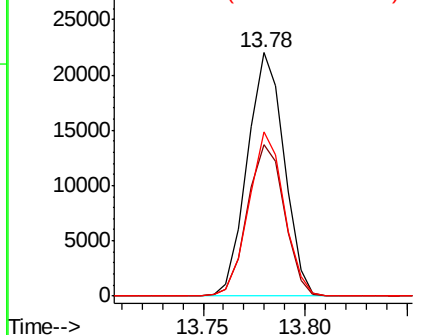


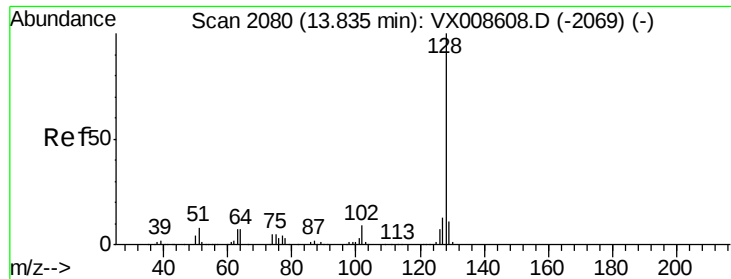
#94
 Hexachlorobutadiene
 Concen: 17.681 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008619.D
 Acq: 03 Apr 2019 17:44

Tgt Ion:225 Resp: 27718
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.2 93.6
 227 64.7 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: 17.808 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBS01

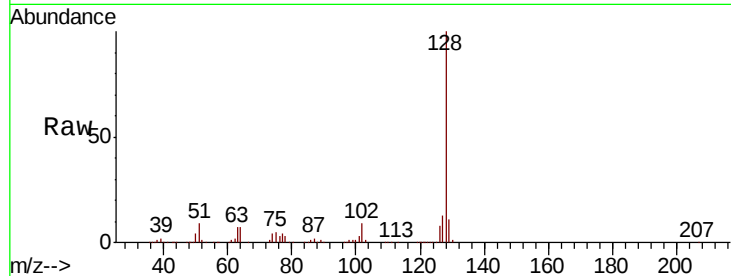
Tot Ion:128 Resp: 194553

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.6 13.0

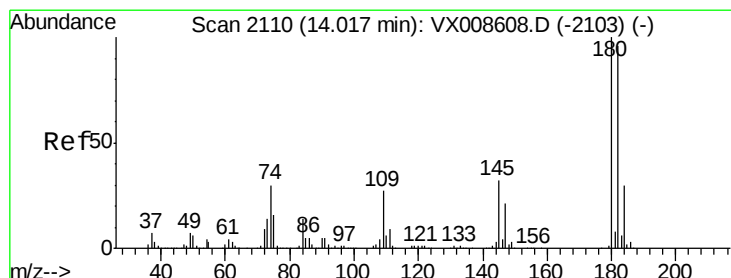
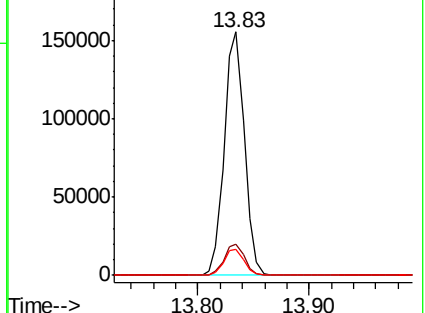
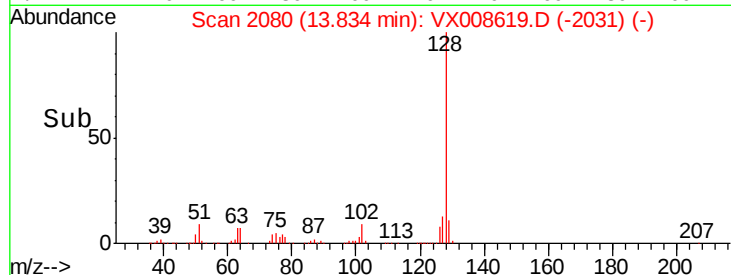


Abundance

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: 17.460 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008619.D

Acq: 03 Apr 2019 17:44

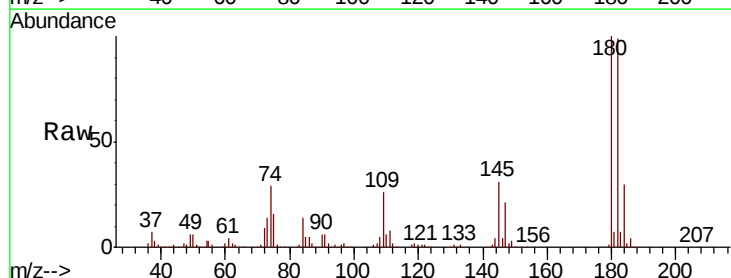
Tgt Ion:180 Resp: 57023

Ion Ratio Lower Upper

180 100

182 95.2 48.1 144.3

145 31.7 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

