

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
 Data File : VX011212.D
 Acq On : 30 Jul 2019 21:57
 Operator : JC/SP
 Sample : K4024-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8

Quant Time: Jul 31 08:44:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145619	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108859	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
35) Dibromofluoromethane	5.50	113	94912	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
50) Toluene-d8	8.71	98	374116	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	129418	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.31	85	25	0.557	ug/l #	43
3) Chloromethane	1.33	50	455	0.220	ug/l #	28
5) Bromomethane	1.64	94	568	0.478	ug/l #	30
11) Tert butyl alcohol	3.04	59	15880	28.526	ug/l	99
13) Acrolein	2.28	56	244	0.759	ug/l #	15
16) Acetone	2.44	43	10855	10.055	ug/l	94
25) 2-Butanone	4.68	43	3453	2.228	ug/l	91
29) Tetrahydrofuran	5.16	42	1650	1.681	ug/l #	69
36) 1,1-Dichloropropene	5.66	75	15080	5.727	ug/l #	49
38) Carbon Tetrachloride	5.66	117	21236	7.739	ug/l #	17
39) Methylcyclohexane	7.46	83	1305	0.382	ug/l #	87
49) 1,4-Dioxane	7.85	88	22	0.364	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	2041	0.935	ug/l #	19
60) Dibromochloromethane	9.76	129	23	2.537	ug/l #	11
67) Ethyl Benzene	10.25	91	2123	0.213	ug/l #	88
68) m/p-Xylenes	10.36	106	1947	0.508	ug/l	96
69) o-Xylene	10.69	106	2392	0.640	ug/l	97
71) Bromoform	11.04	173	45	2.572	ug/l #	28
73) Isopropylbenzene	11.02	105	112590	11.443	ug/l	99
74) N-amyl acetate	10.91	43	3151	0.838	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	2291	0.711	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	65849	25.059	ug/l #	35
78) n-propylbenzene	11.36	91	258454	23.773	ug/l	99
79) 2-Chlorotoluene	11.36	91	258454	39.574	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.43	105	5759	0.700	ug/l	81
81) trans-1,4-Dichloro-2-buten	11.13	75	65849	62.414	ug/l #	11
82) 4-Chlorotoluene	11.36	91	258454	34.001	ug/l #	43
83) tert-Butylbenzene	11.77	119	5377	0.666	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	9707	1.171	ug/l	95
85) sec-Butylbenzene	11.94	105	98194	10.377	ug/l	87
86) p-Isopropyltoluene	12.23	119	23328	2.667	ug/l	98
89) n-Butylbenzene	12.38	91	87664	11.713	ug/l	86
90) Hexachloroethane	12.66	117	35348	25.617	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2603	3.867	ug/l #	1

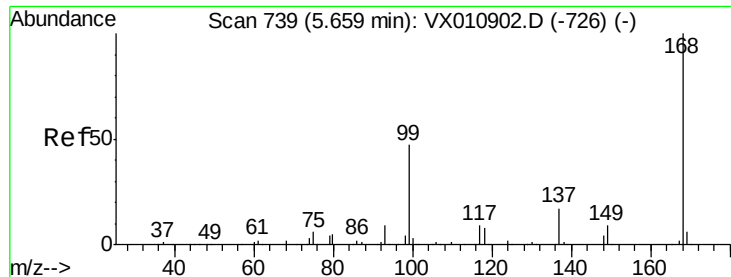
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
Data File : VX011212.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	25148	2.692	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.03	180	917	0.291	ug/l #	1

(#) = 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: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampled :

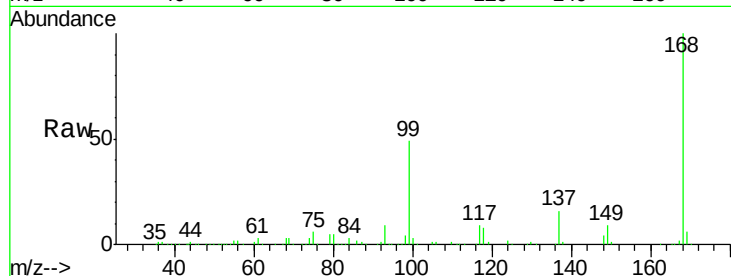
TP-8

Tgt Ion:168 Resp: 224688

Ion Ratio Lower Upper

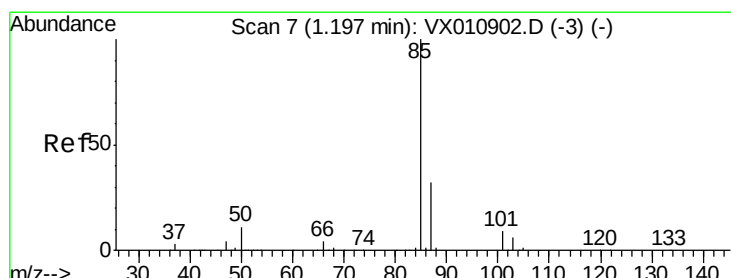
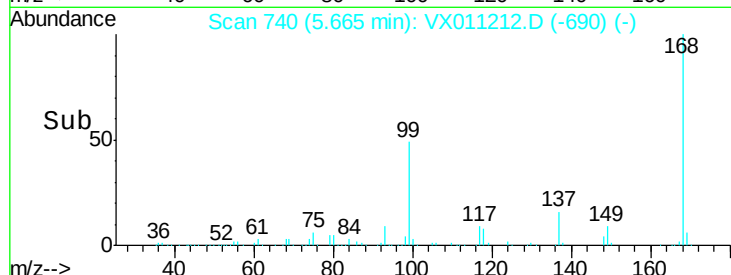
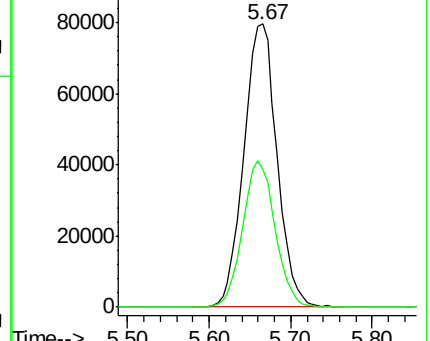
168 100

99 48.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.557 ug/l

RT: 1.31 min Scan# 25

Delta R.T. 0.11 min

Lab File: VX011212.D

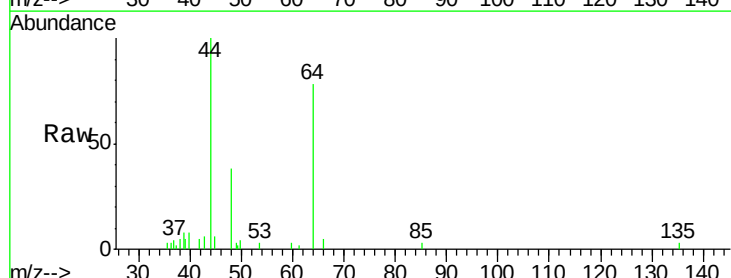
Acq: 30 Jul 2019 21:57

Tgt Ion: 85 Resp: 25

Ion Ratio Lower Upper

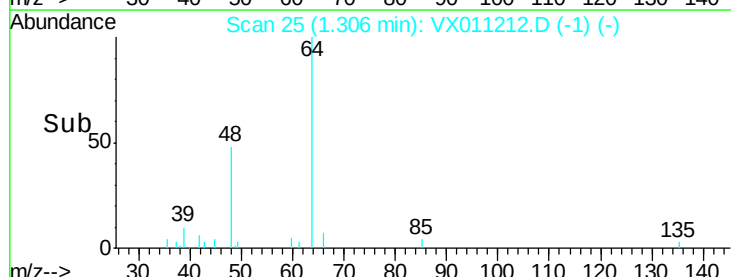
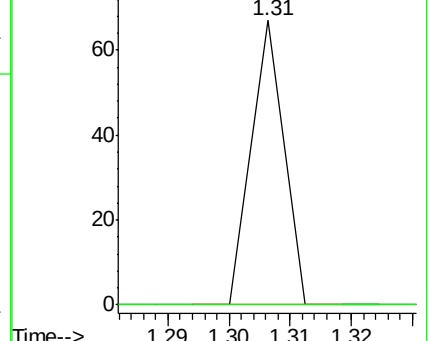
85 100

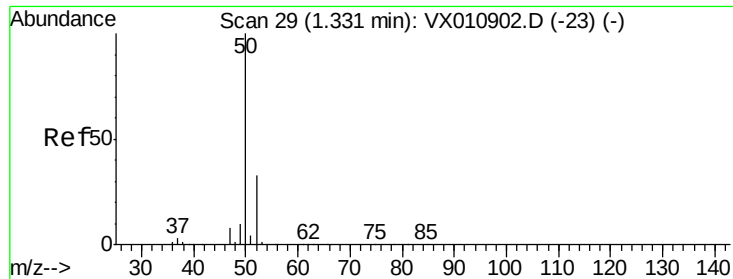
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.220 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampled :

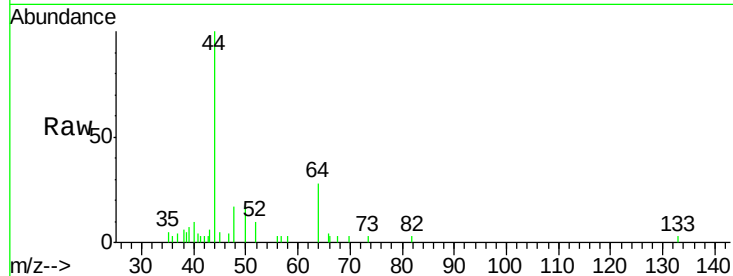
TP-8

Tgt Ion: 50 Resp: 455

Ion Ratio Lower Upper

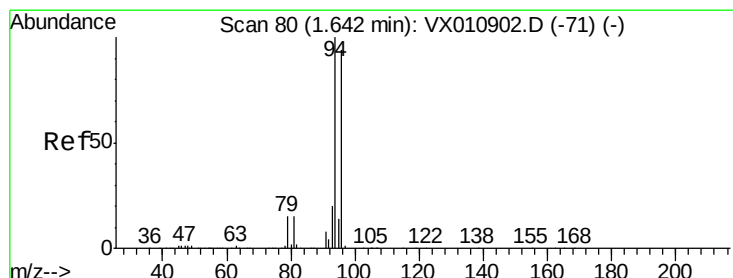
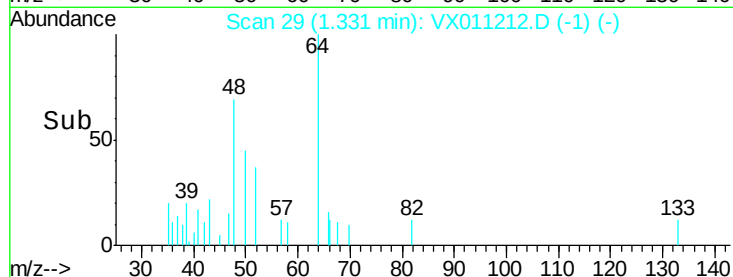
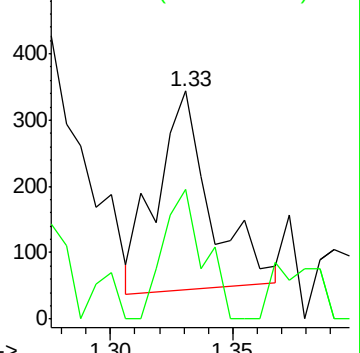
50 100

52 74.0 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.478 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011212.D

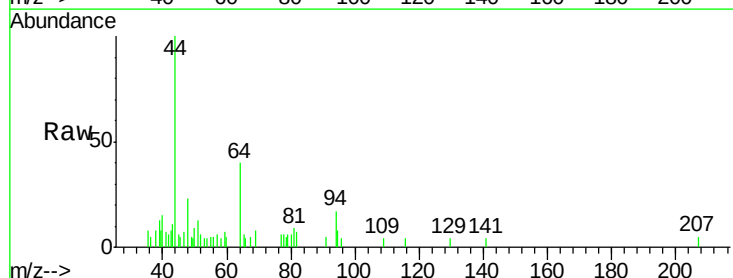
Acq: 30 Jul 2019 21:57

Tgt Ion: 94 Resp: 568

Ion Ratio Lower Upper

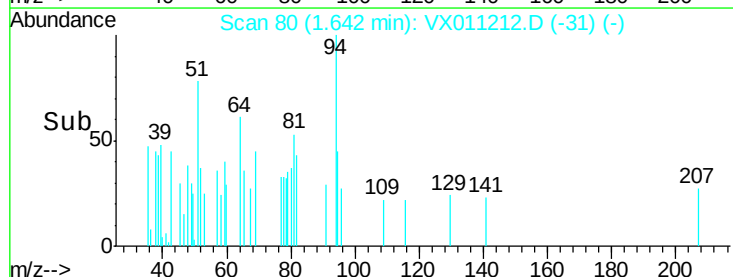
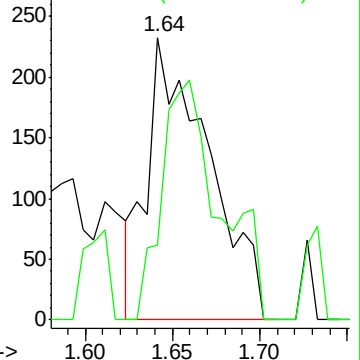
94 100

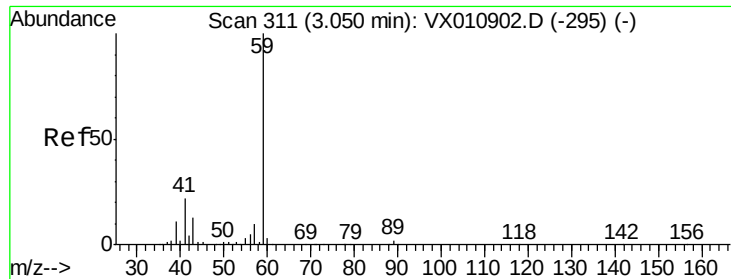
96 26.6 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

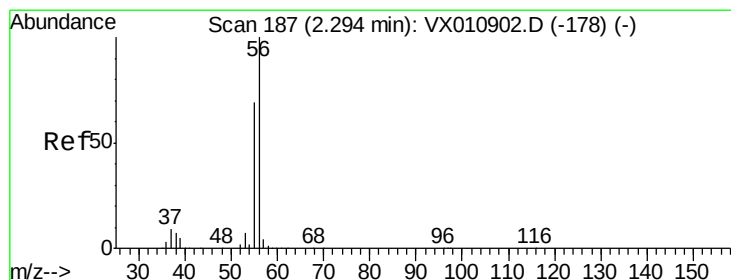
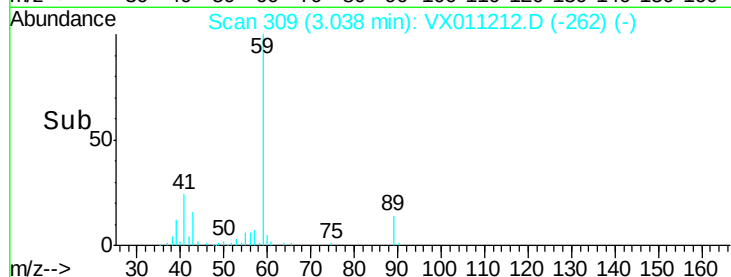
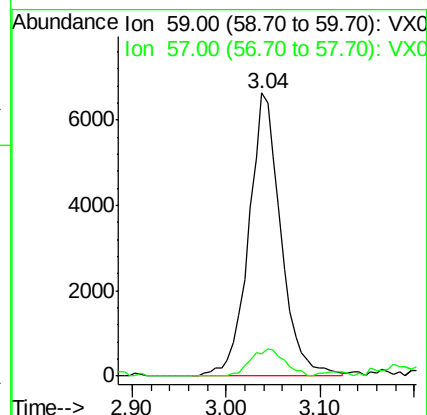
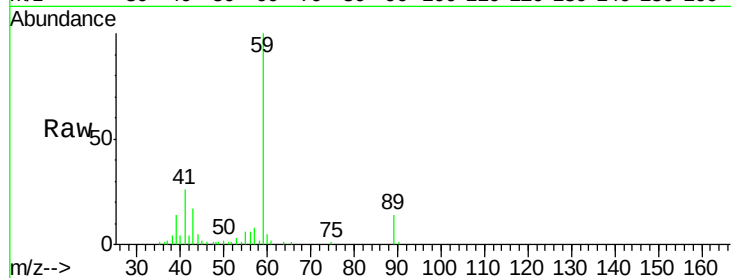




#11
Tert butyl alcohol
Concen: 28.526 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

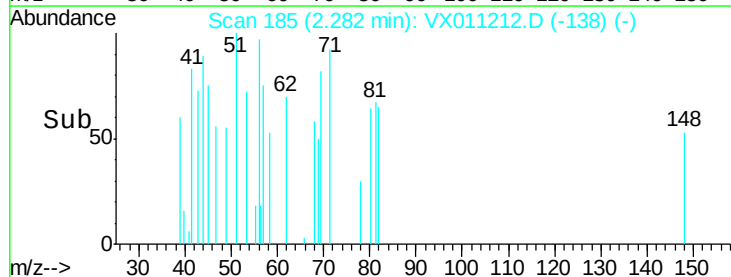
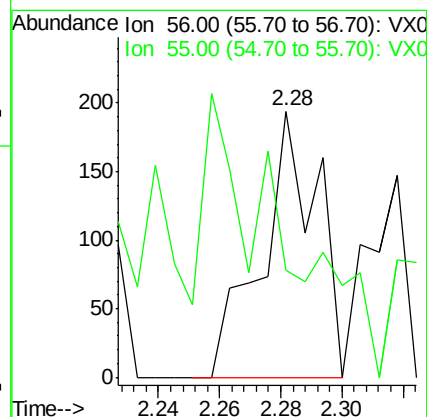
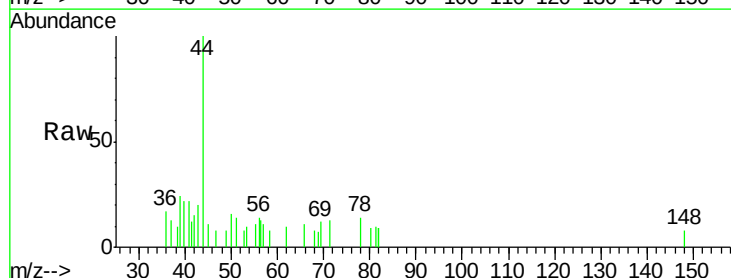
Instrument :
MSVOA_X
ClientSampled :
TP-8

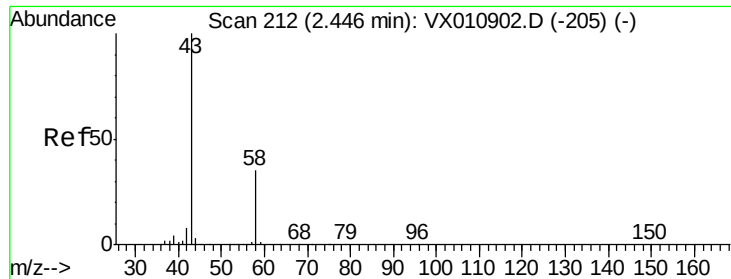
Tgt Ion: 59 Resp: 15880
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9



#13
Acrolein
Concen: 0.759 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

Tgt Ion: 56 Resp: 244
Ion Ratio Lower Upper
56 100
55 0.0 55.9 83.9#





#16

Acetone

Concen: 10.055 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

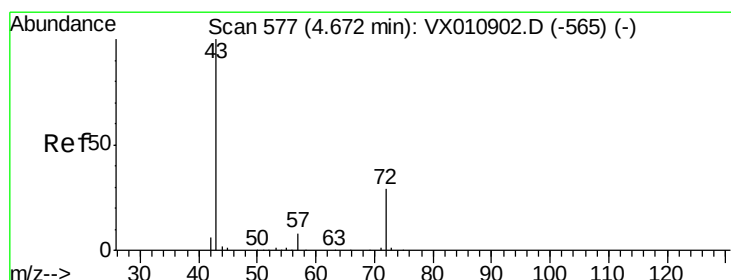
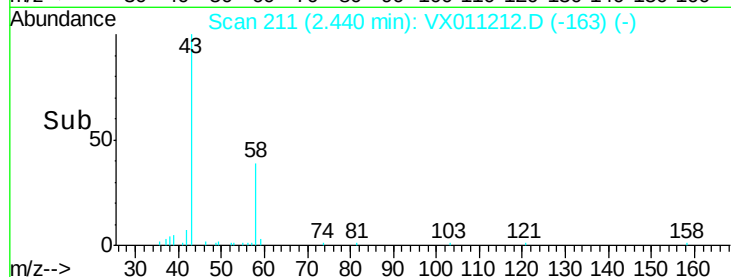
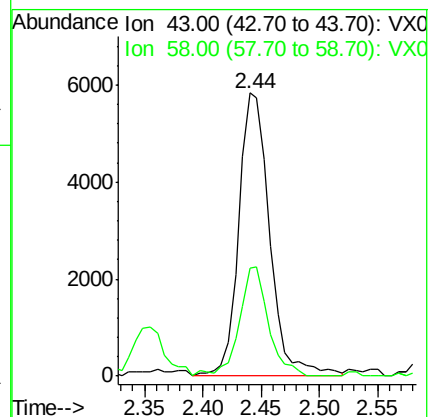
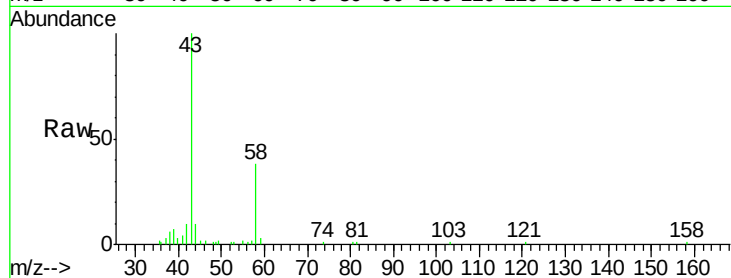
TP-8

Tgt Ion: 43 Resp: 10855

Ion Ratio Lower Upper

43 100

58 38.2 27.7 41.5



#25

2-Butanone

Concen: 2.228 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX011212.D

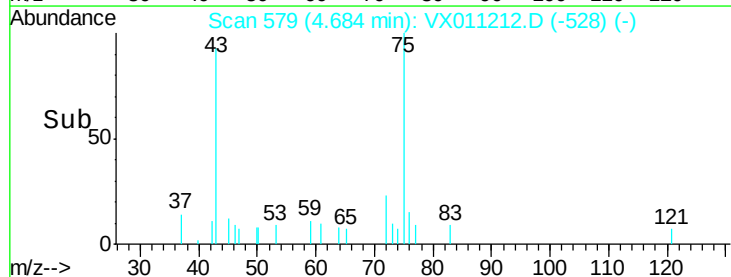
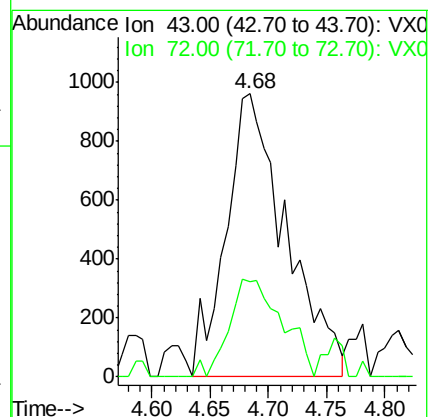
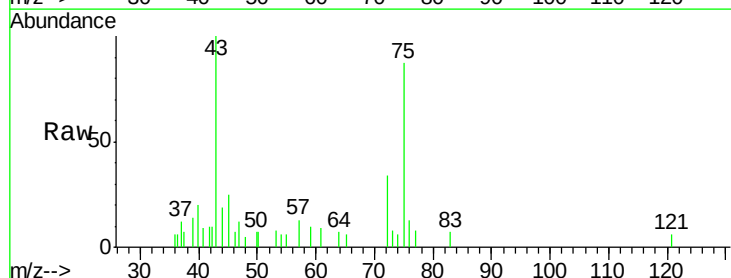
Acq: 30 Jul 2019 21:57

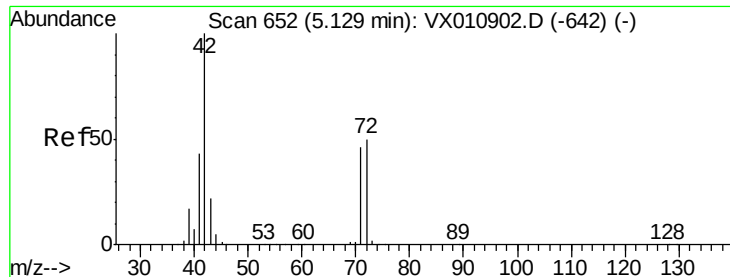
Tgt Ion: 43 Resp: 3453

Ion Ratio Lower Upper

43 100

72 33.8 23.0 34.6





#29

Tetrahydrofuran

Concen: 1.681 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.03 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampled :

TP-8

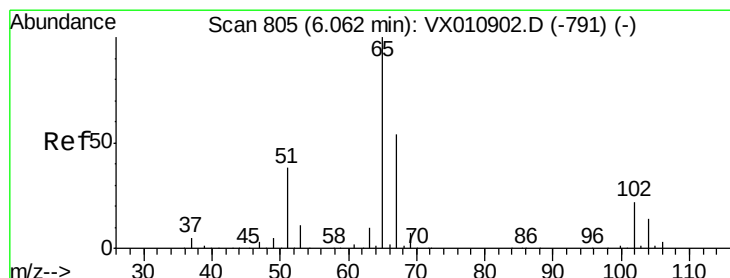
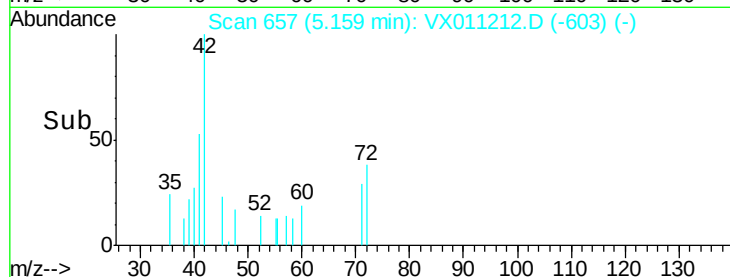
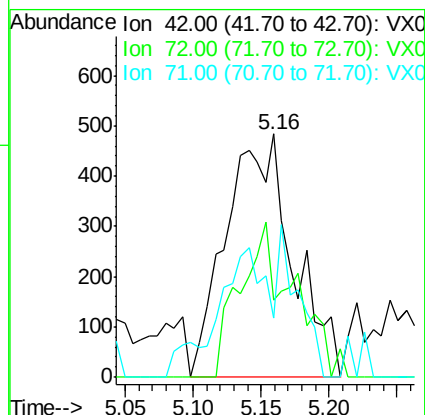
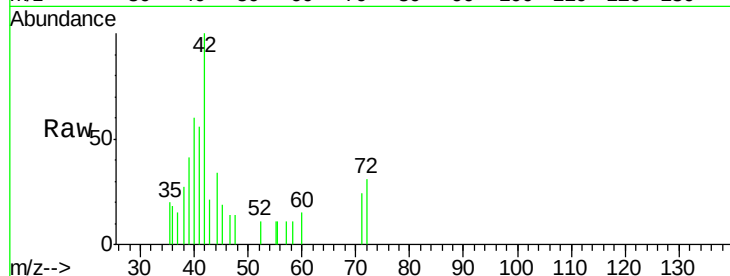
Tgt Ion: 42 Resp: 1650

Ion Ratio Lower Upper

42 100

72 34.4 39.8 59.8#

71 19.3 37.0 55.4#



#33

1,2-Dichloroethane-d4

Concen: 45.541 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011212.D

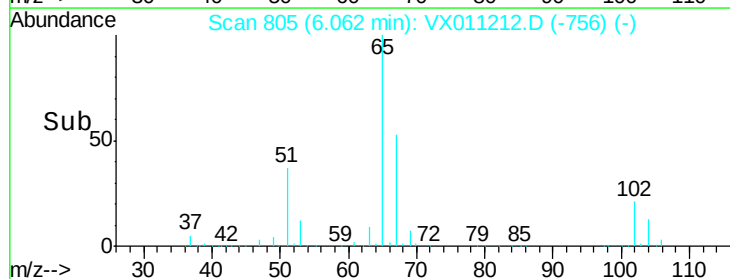
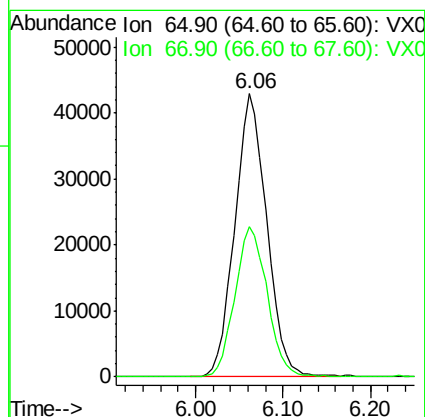
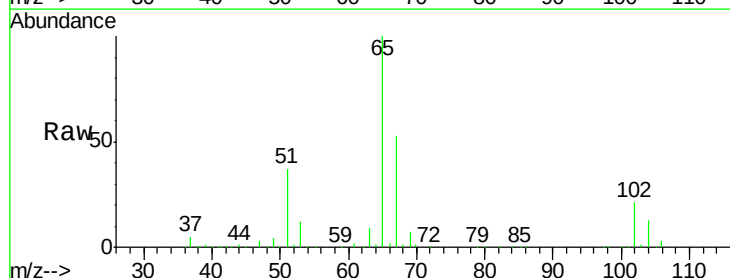
Acq: 30 Jul 2019 21:57

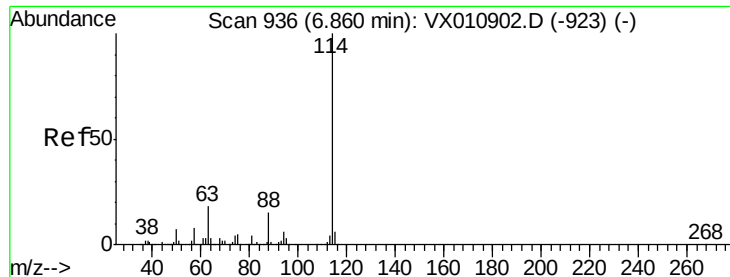
Tgt Ion: 65 Resp: 108859

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

TP-8

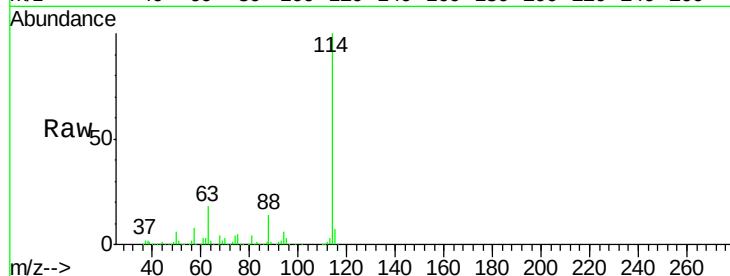
Tgt Ion:114 Resp: 320586

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

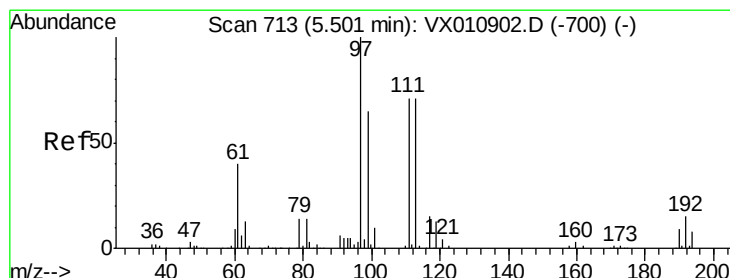
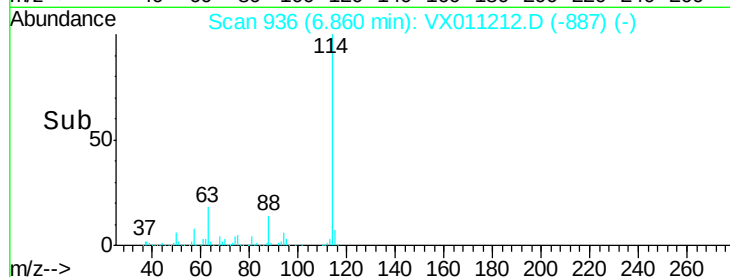
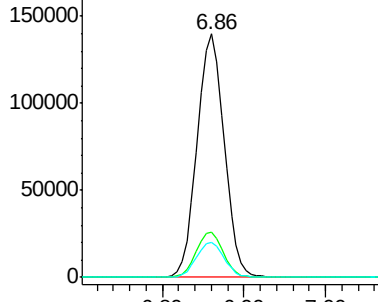
88 14.2 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.644 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

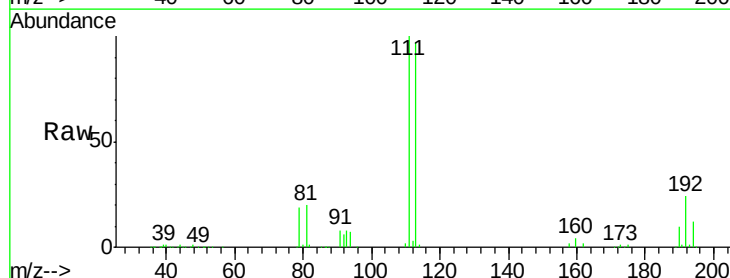
Tgt Ion:113 Resp: 94912

Ion Ratio Lower Upper

113 100

111 100.5 82.3 123.5

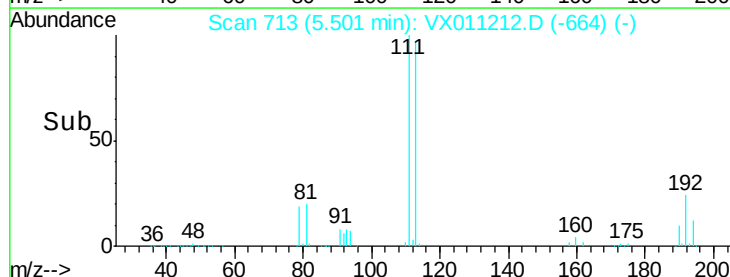
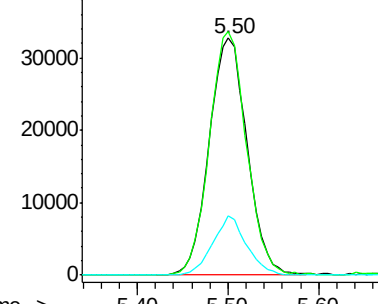
192 22.1 17.4 26.2

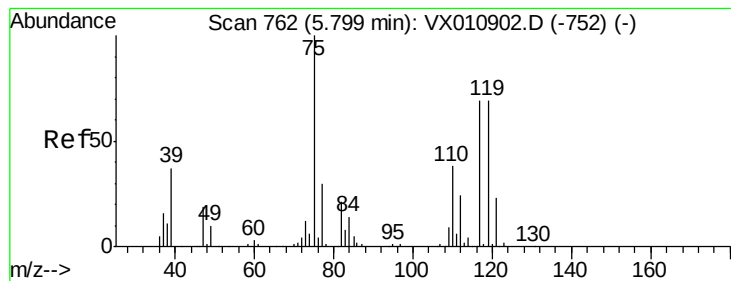


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.727 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampled :

TP-8

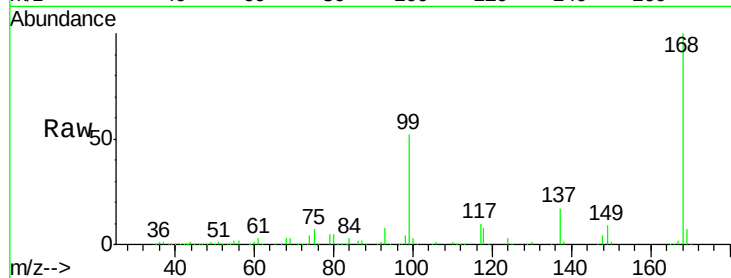
Tgt Ion: 75 Resp: 15080

Ion Ratio Lower Upper

75 100

110 10.7 19.9 59.7#

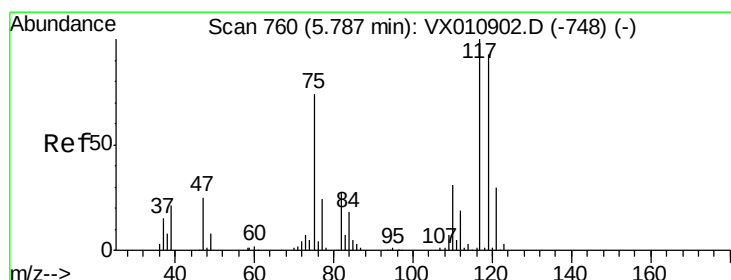
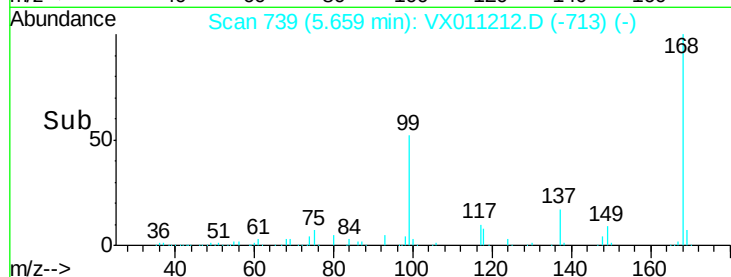
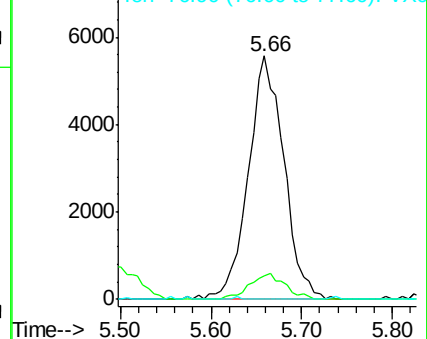
77 0.0 25.0 37.4#



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



#38

Carbon Tetrachloride

Concen: 7.739 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

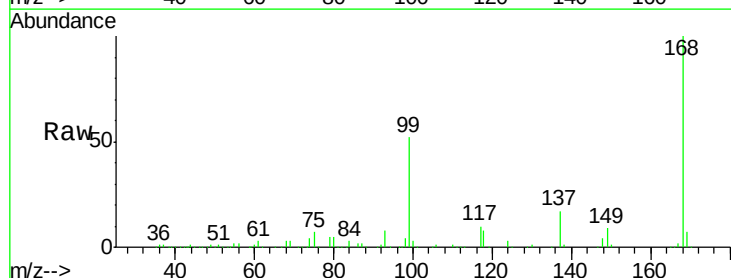
Tgt Ion: 117 Resp: 21236

Ion Ratio Lower Upper

117 100

119 4.7 74.2 111.2#

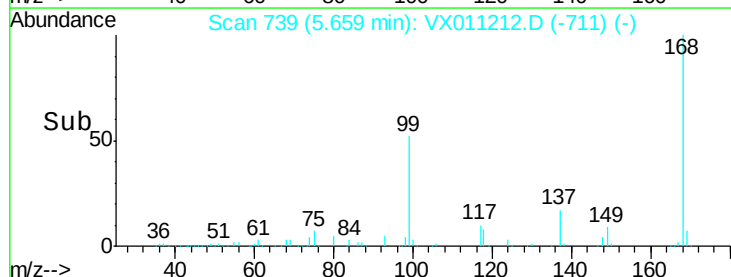
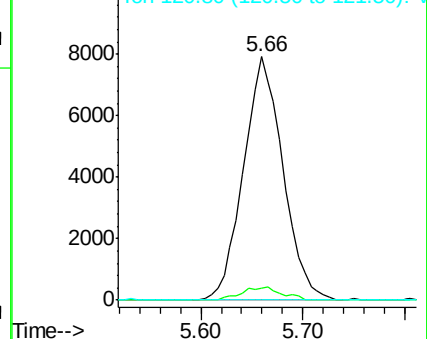
121 0.0 24.2 36.2#

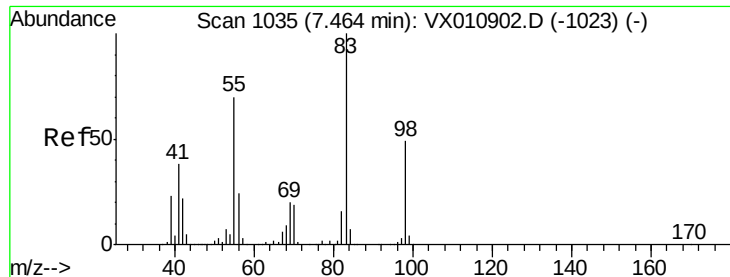


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

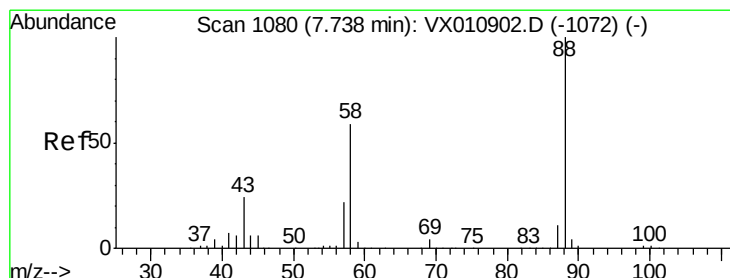
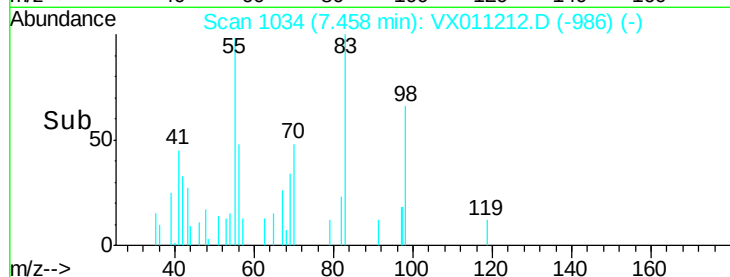
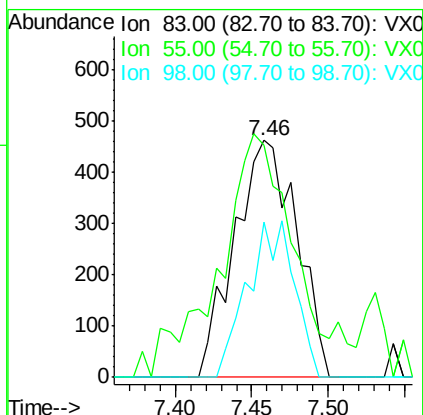
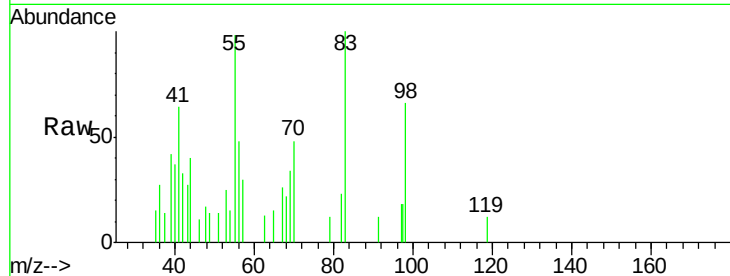




#39
Methylcyclohexane
Concen: 0.382 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

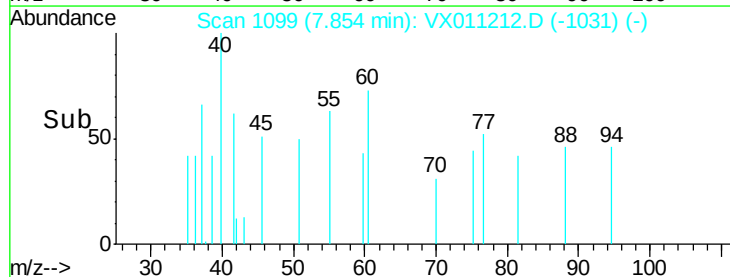
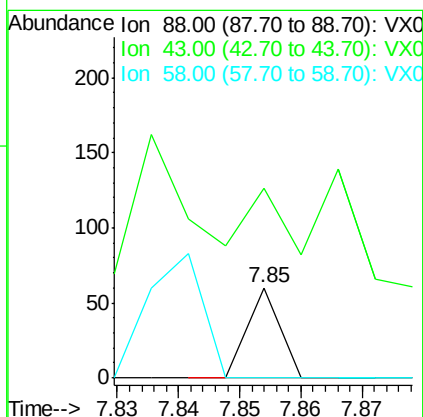
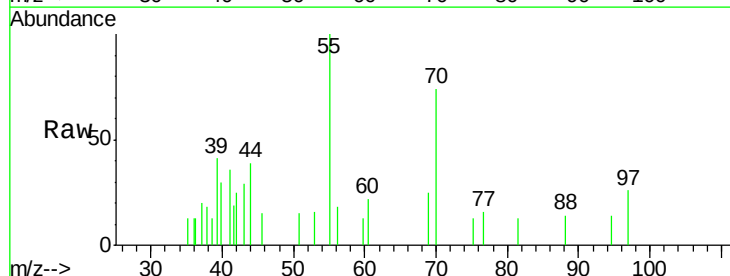
Instrument :
MSVOA_X
ClientSampled :
TP-8

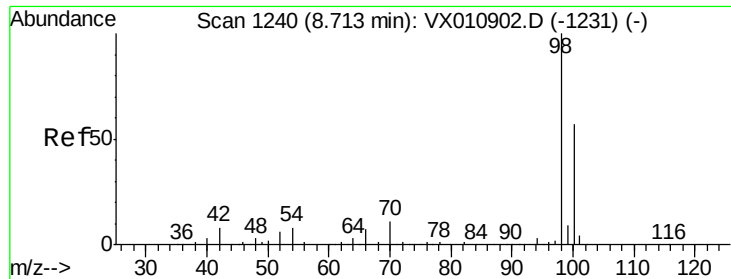
Tgt Ion: 83 Resp: 1305
Ion Ratio Lower Upper
83 100
55 74.8 56.2 84.4
98 65.5 39.0 58.4#



#49
1,4-Dioxane
Concen: 0.364 ug/l
RT: 7.85 min Scan# 1099
Delta R.T. 0.12 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 322.7 49.8 74.8#

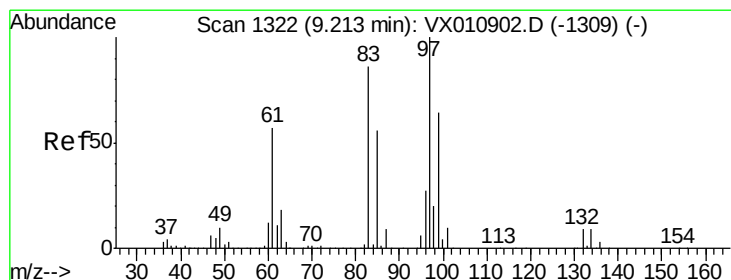
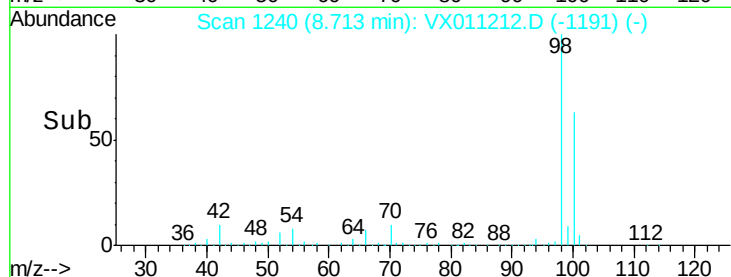
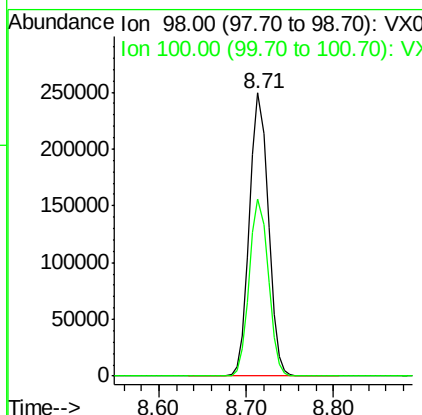
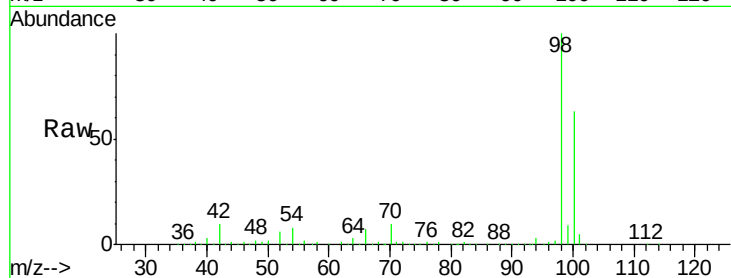




#50
Toluene-d8
Concen: 49.020 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

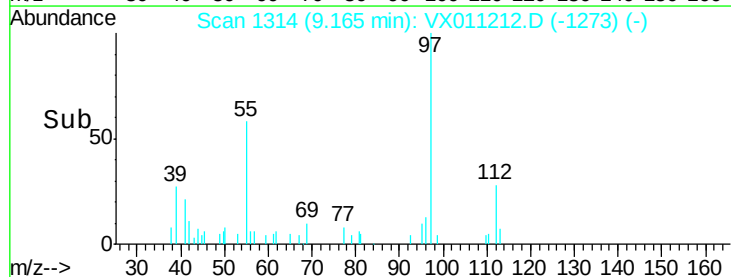
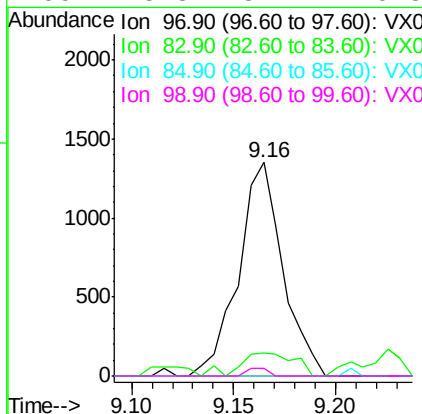
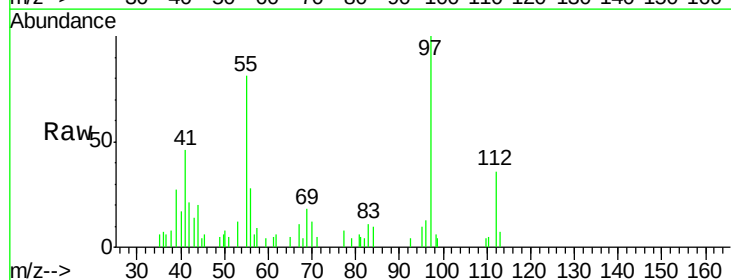
Instrument :
MSVOA_X
ClientSampled :
TP-8

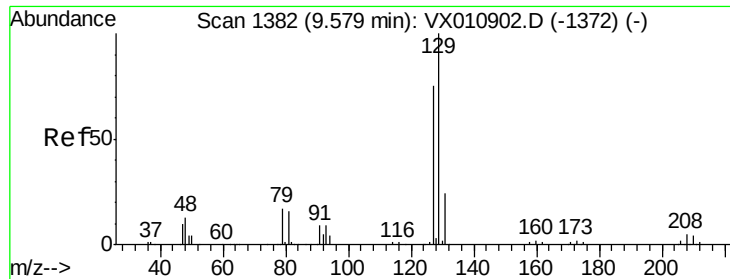
Tgt Ion: 98 Resp: 374116
Ion Ratio Lower Upper
98 100
100 63.3 50.6 75.8



#55
1,1,2-Trichloroethane
Concen: 0.935 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

Tgt Ion: 97 Resp: 2041
Ion Ratio Lower Upper
97 100
83 6.9 69.2 103.8#
85 0.0 44.6 66.8#
99 3.8 51.2 76.8#





#60

Dibromochloromethane

Concen: 2.537 ug/l

RT: 9.76 min Scan# 1411

Delta R.T. 0.18 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

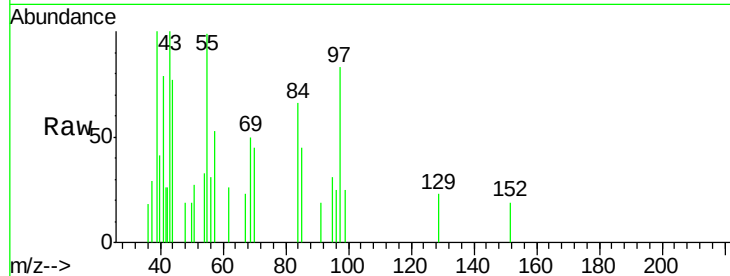
TP-8

Tgt Ion:129 Resp: 23

Ion Ratio Lower Upper

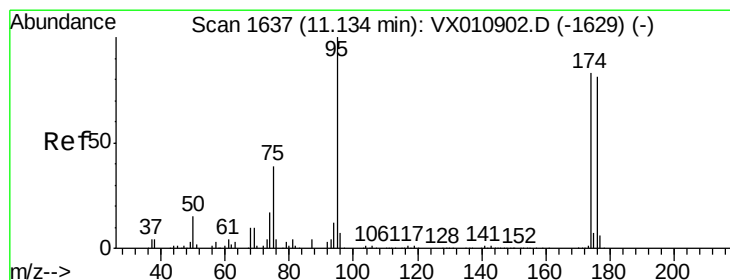
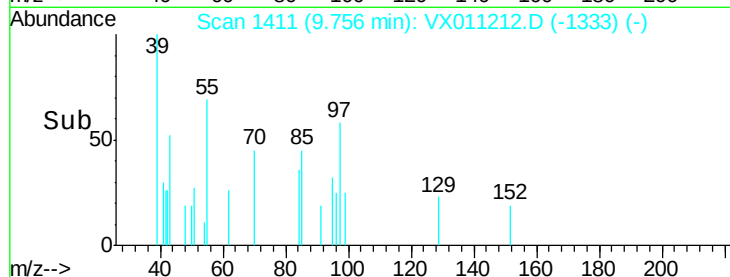
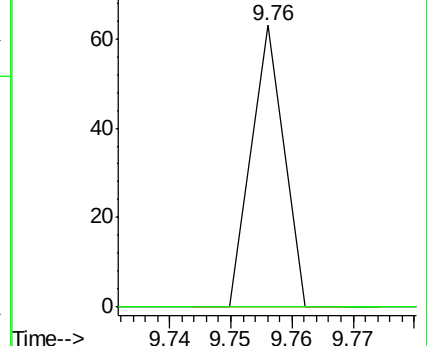
129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.134 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

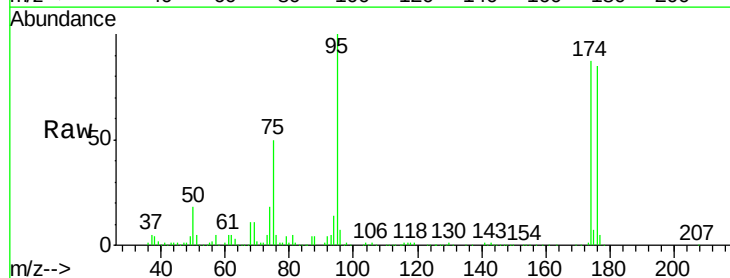
Tgt Ion: 95 Resp: 129418

Ion Ratio Lower Upper

95 100

174 92.1 0.0 180.6

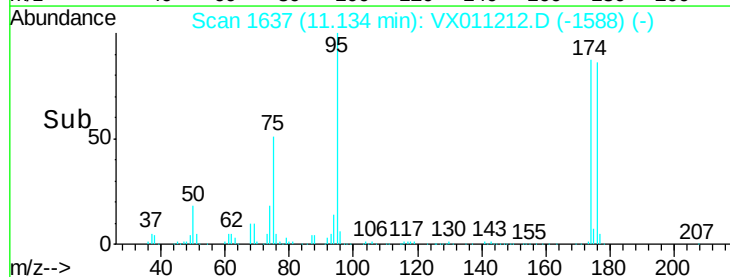
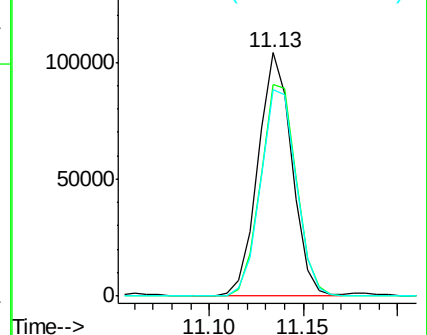
176 89.7 0.0 173.8

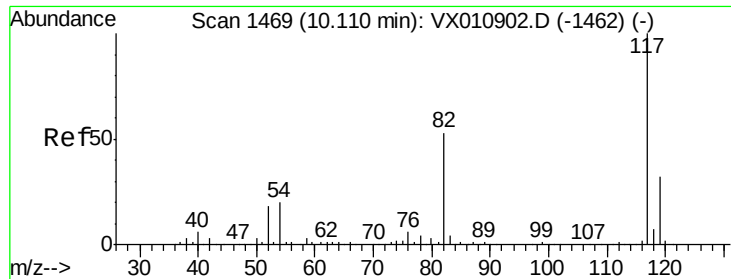


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

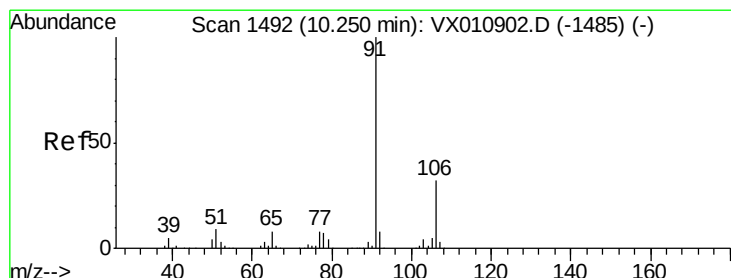
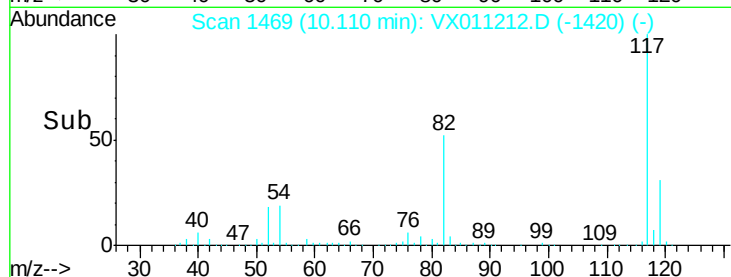
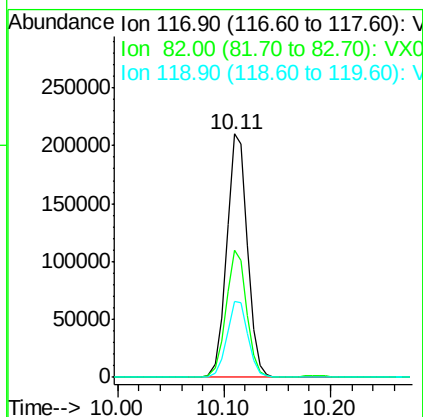
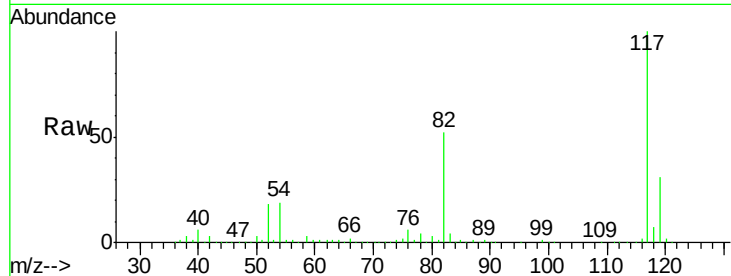




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

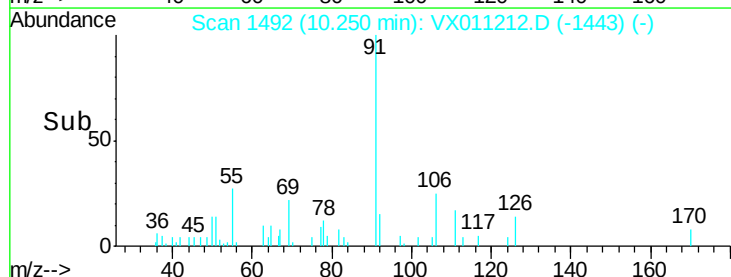
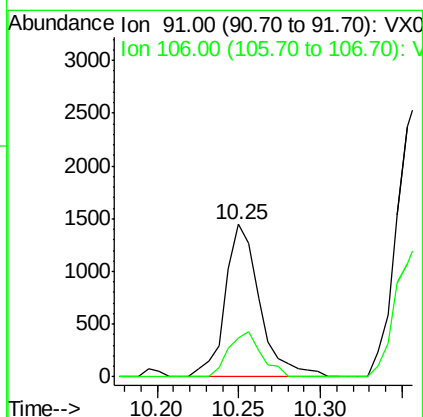
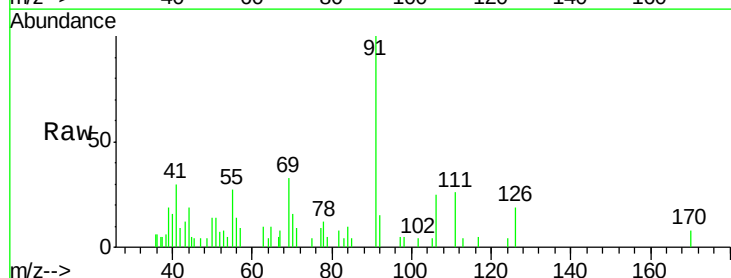
Instrument :
MSVOA_X
ClientSampled :
TP-8

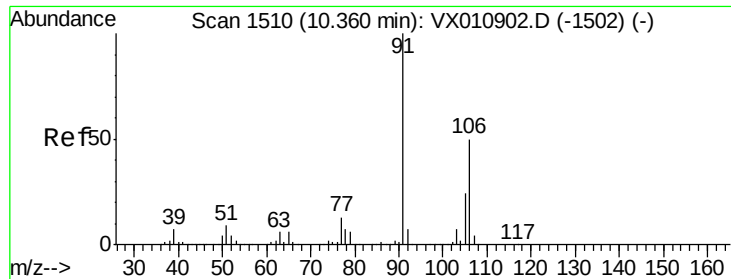
Tgt Ion: 117 Resp: 285658
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 31.3 25.9 38.9



#67
Ethyl Benzene
Concen: 0.213 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

Tgt Ion: 91 Resp: 2123
Ion Ratio Lower Upper
91 100
106 25.3 25.4 38.2#

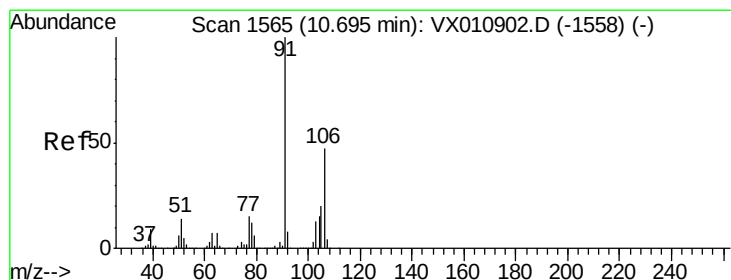
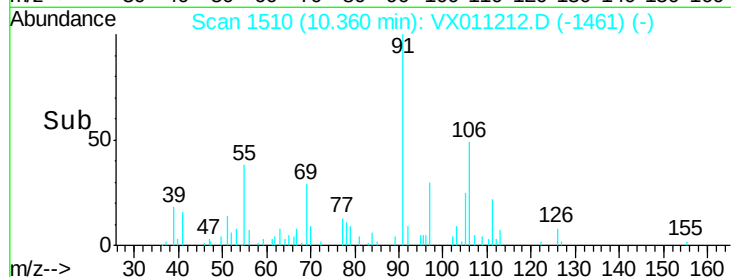
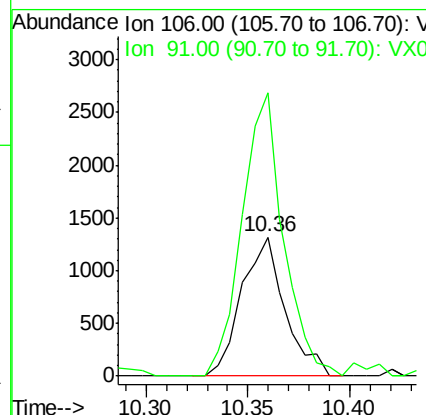
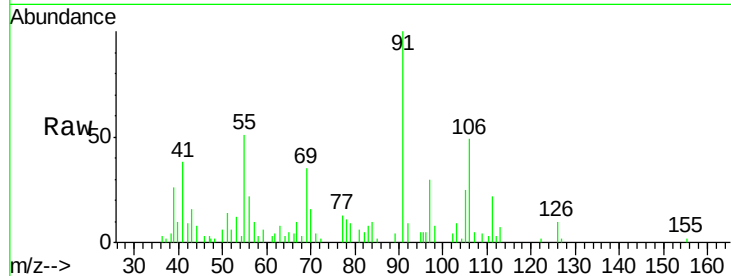




#68
m/p-Xylenes
Concen: 0.508 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

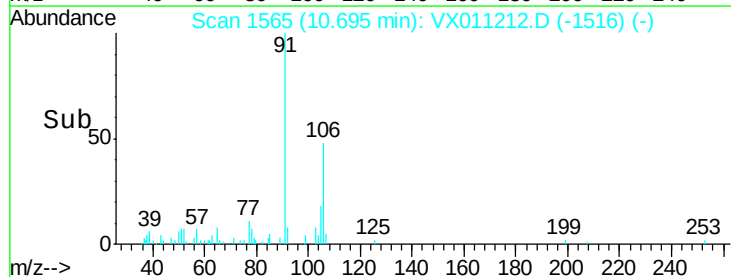
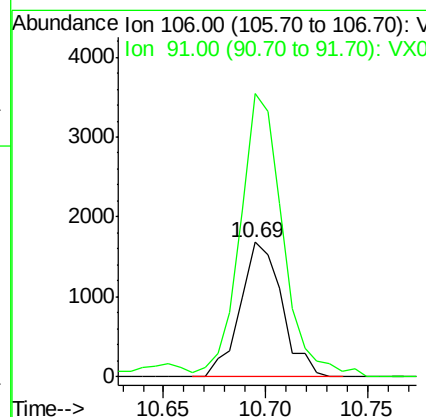
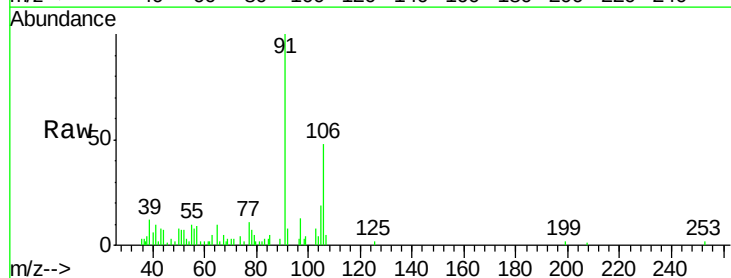
Instrument :
MSVOA_X
ClientSampled :
TP-8

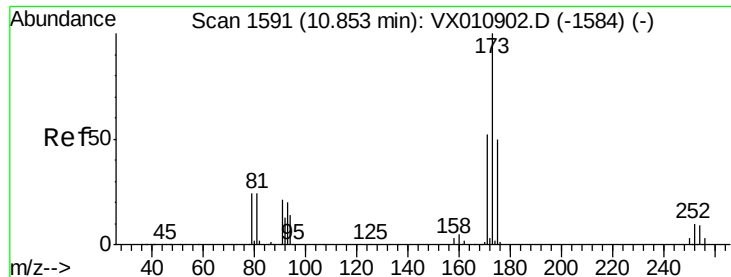
Tgt Ion:106 Resp: 1947
Ion Ratio Lower Upper
106 100
91 193.9 160.1 240.1



#69
o-Xylene
Concen: 0.640 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

Tgt Ion:106 Resp: 2392
Ion Ratio Lower Upper
106 100
91 215.2 105.1 315.3





#71

Bromoform

Concen: 2.572 ug/l

RT: 11.04 min Scan# 1621

Delta R.T. 0.18 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

TP-8

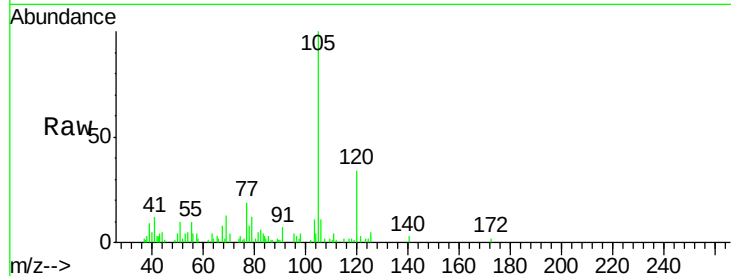
Tgt Ion:173 Resp: 45

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

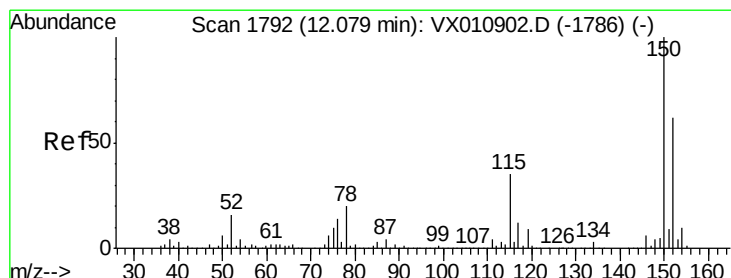
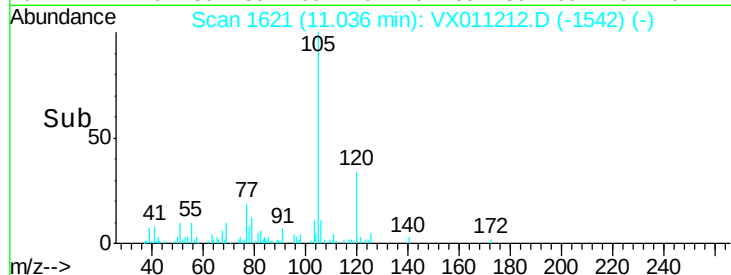
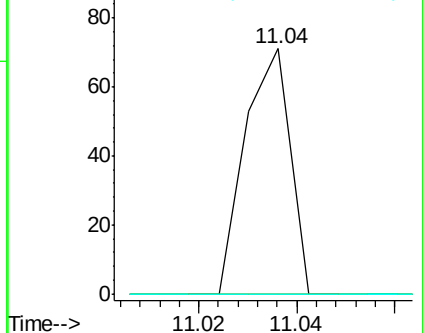
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

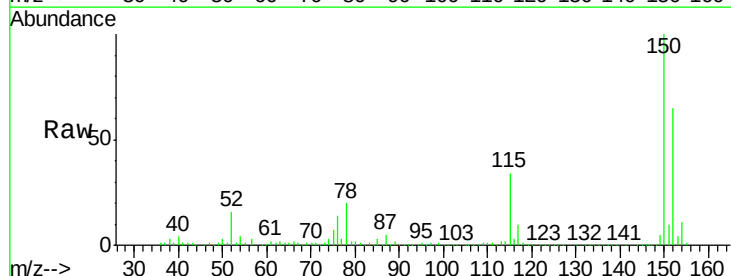
Tgt Ion:152 Resp: 145619

Ion Ratio Lower Upper

152 100

115 55.2 39.7 119.1

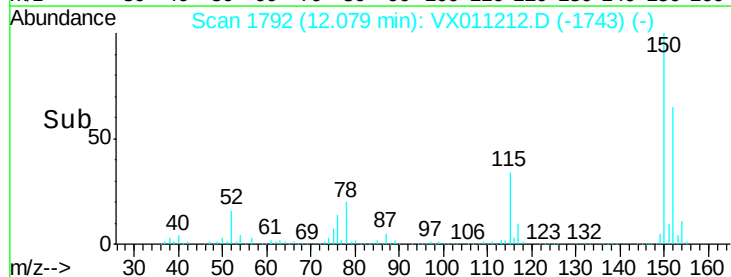
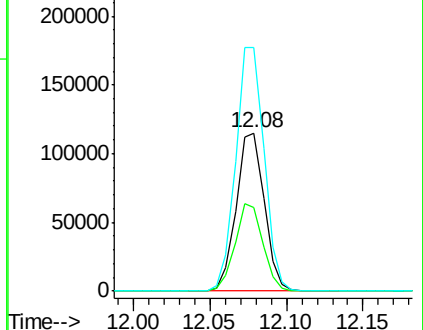
150 156.7 0.0 345.6

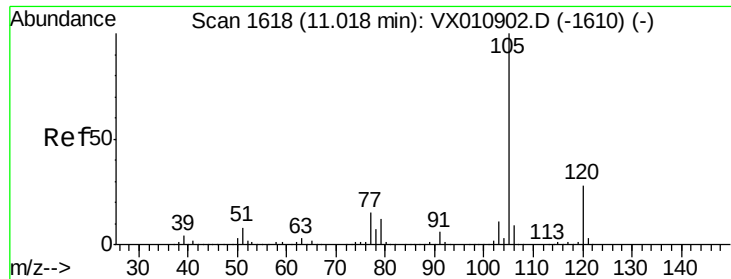


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

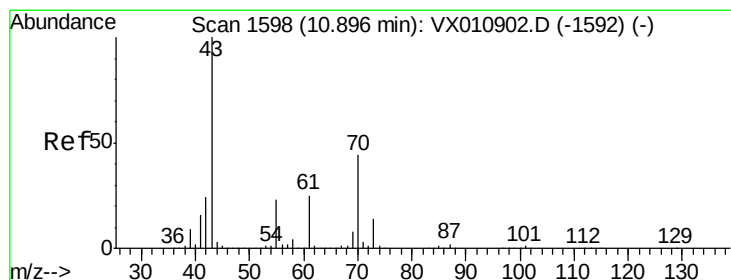
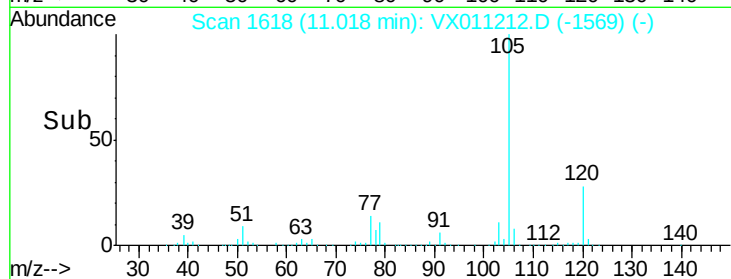
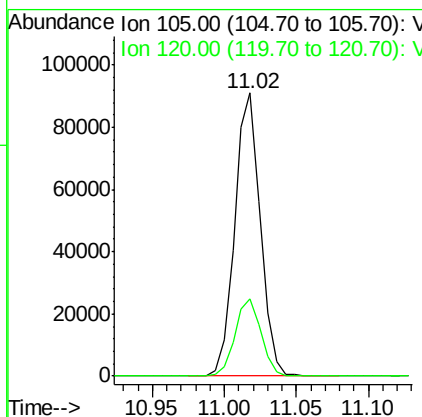
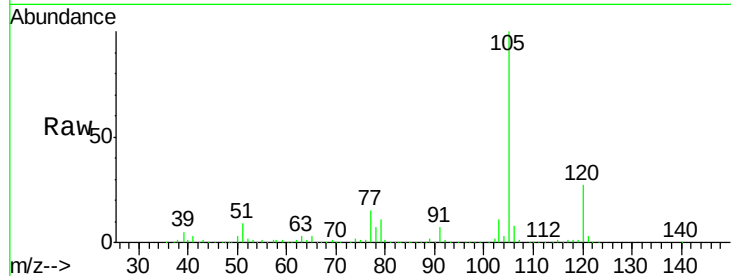




#73
Isopropylbenzene
Concen: 11.443 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

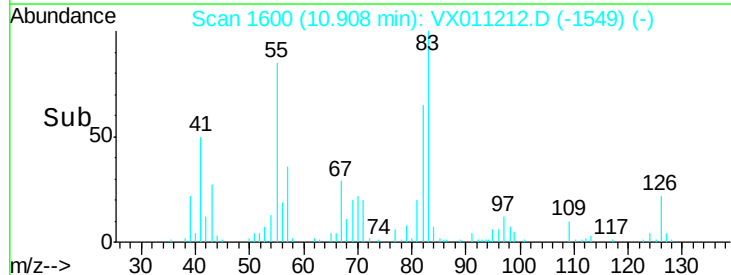
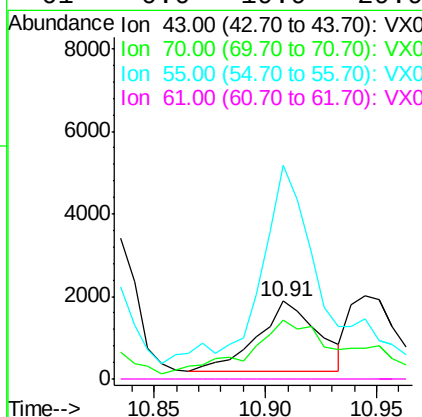
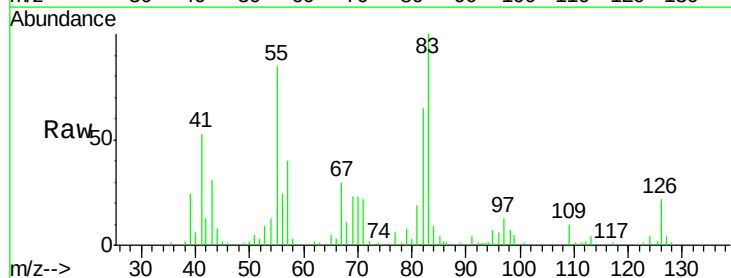
Instrument :
MSVOA_X
ClientSampled :
TP-8

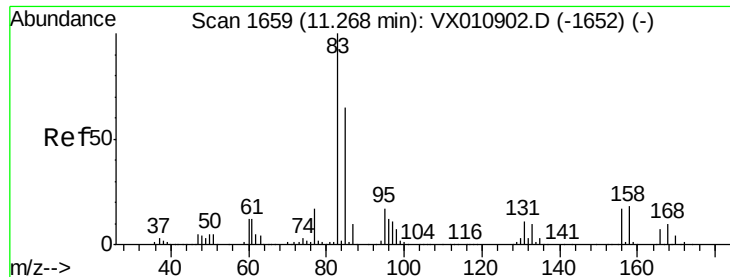
Tgt Ion: 105 Resp: 112590
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.1



#74
N-ethyl acetate
Concen: 0.838 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

Tgt Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
70 93.8 34.7 52.1#
55 287.8 19.1 28.7#
61 0.0 19.9 29.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.711 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

TP-8

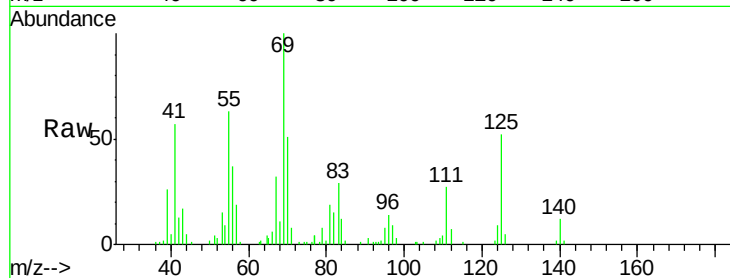
Tgt Ion: 83 Resp: 2291

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

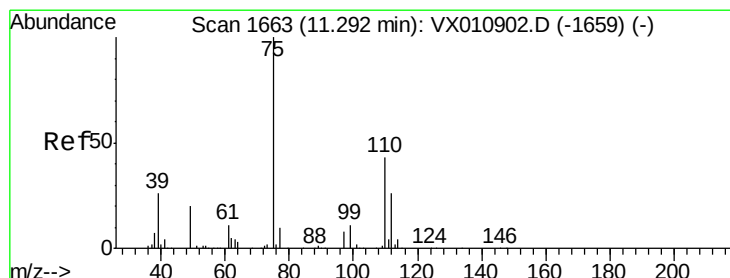
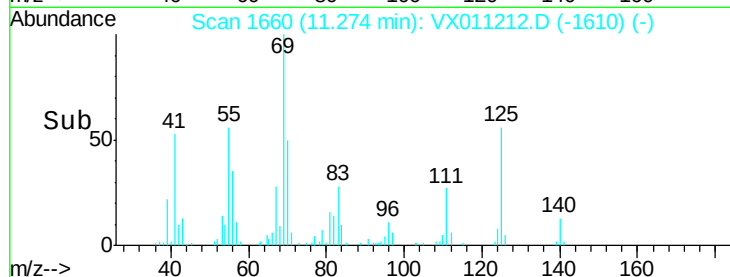
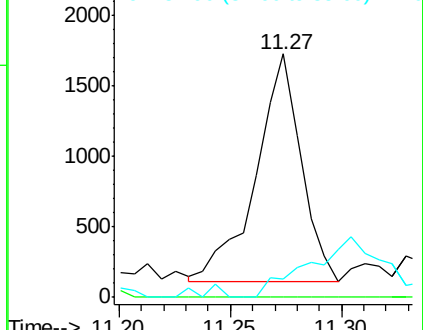
85 0.0 32.3 96.9#



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: 25.059 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011212.D

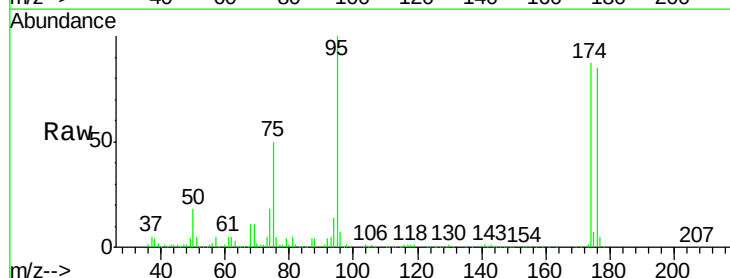
Acq: 30 Jul 2019 21:57

Tgt Ion: 75 Resp: 65849

Ion Ratio Lower Upper

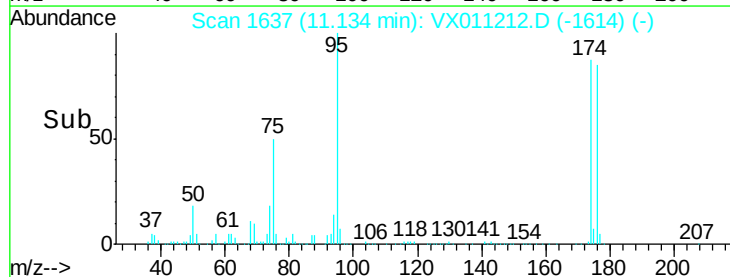
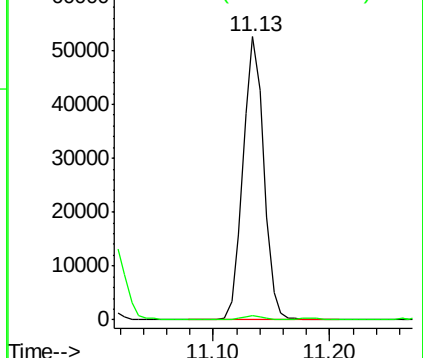
75 100

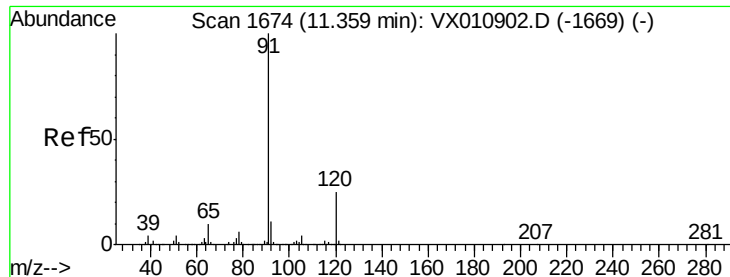
77 1.5 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 23.773 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

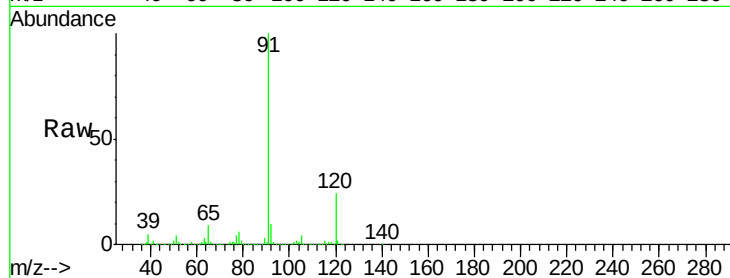
TP-8

Tgt Ion: 91 Resp: 258454

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

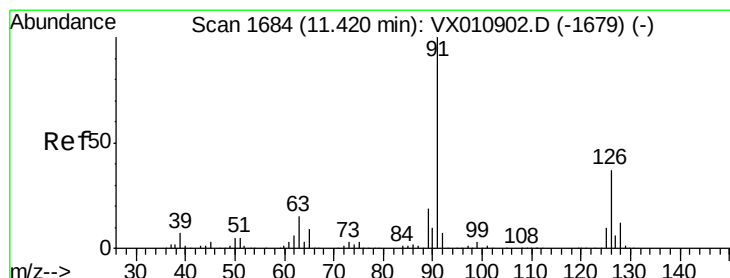
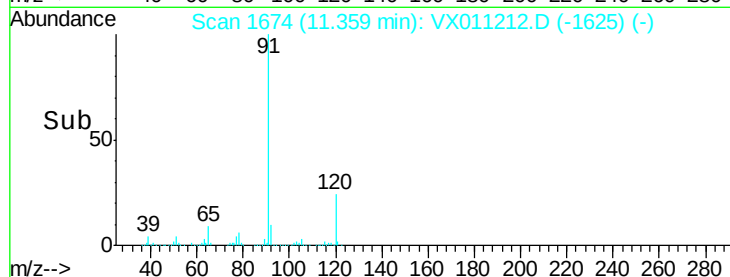
100000

50000

0

11.30 11.35 11.40

Time-->



#79

2-Chlorotoluene

Concen: 39.574 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX011212.D

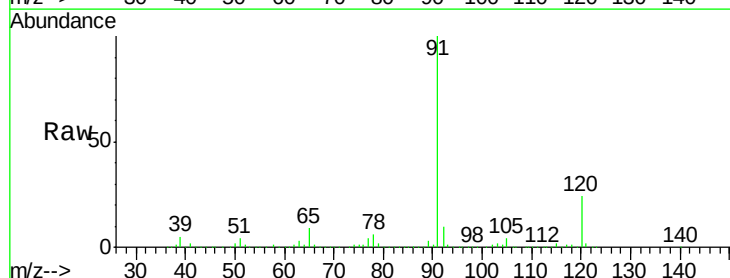
Acq: 30 Jul 2019 21:57

Tgt Ion: 91 Resp: 258454

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

250000

200000

150000

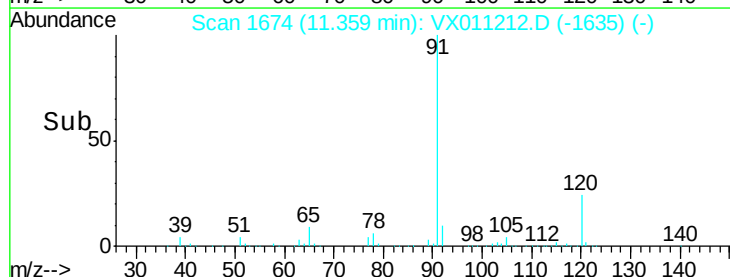
100000

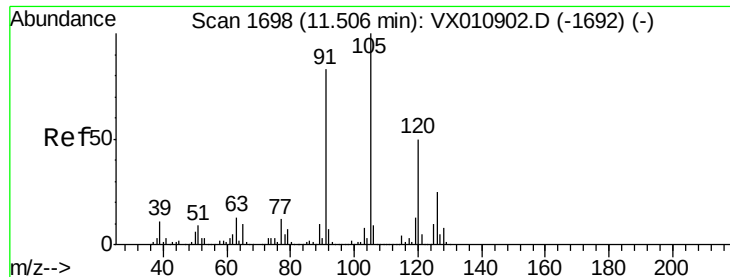
50000

0

11.30 11.35 11.40

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.700 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. -0.07 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampled :

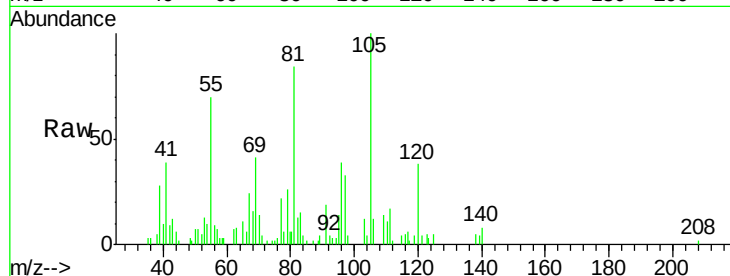
TP-8

Tgt Ion:105 Resp: 5759

Ion Ratio Lower Upper

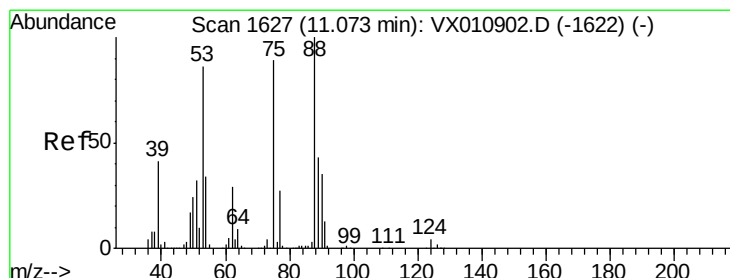
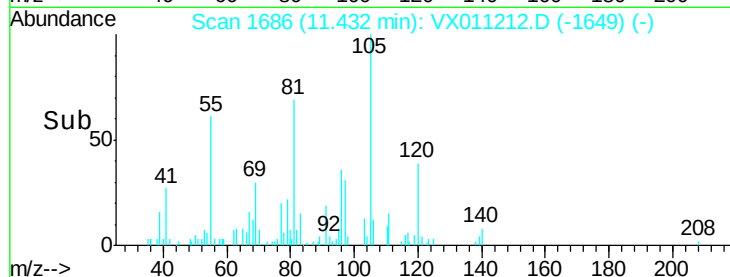
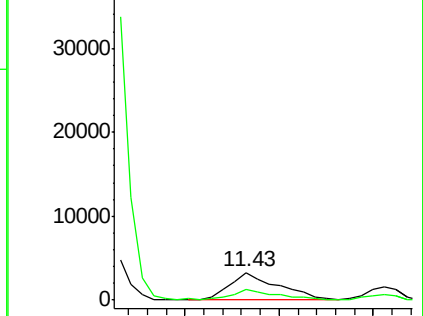
105 100

120 36.4 24.6 73.8



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: 62.414 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

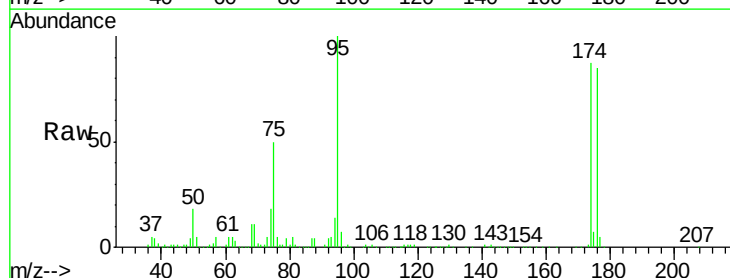
Tgt Ion: 75 Resp: 65849

Ion Ratio Lower Upper

75 100

53 0.1 76.7 115.1#

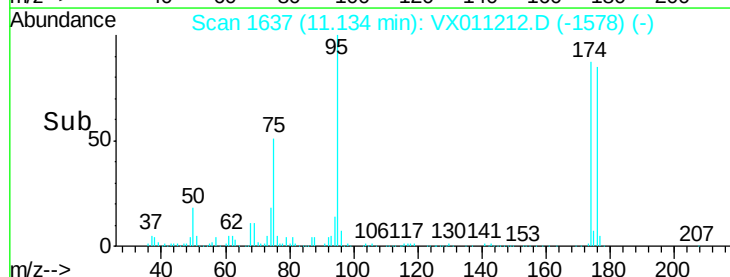
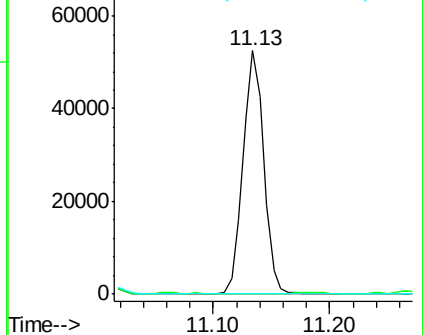
89 0.0 38.5 57.7#

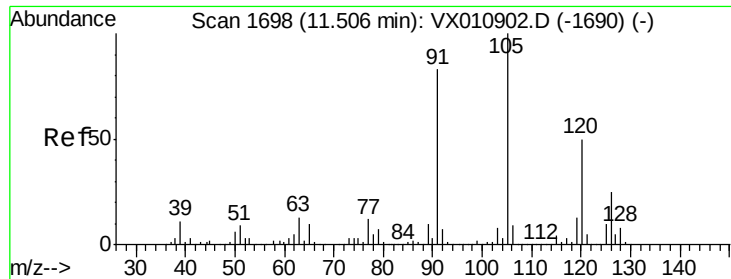


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 34.001 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampleId :

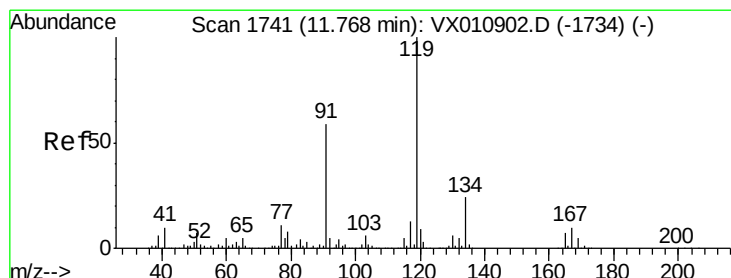
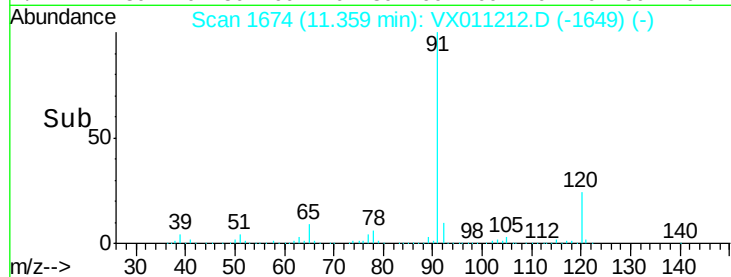
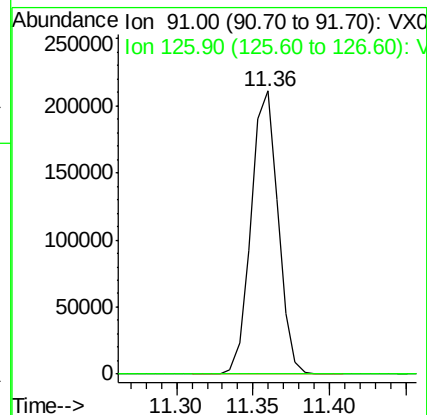
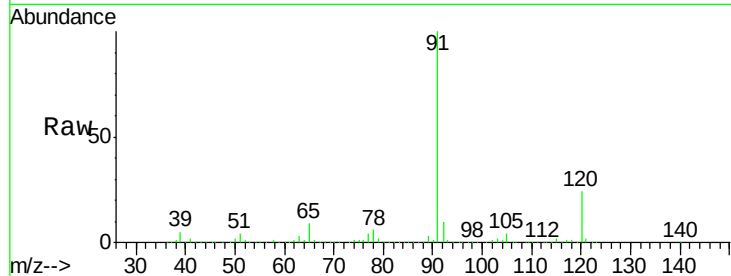
TP-8

Tgt Ion: 91 Resp: 258454

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#



#83

tert-Butylbenzene

Concen: 0.666 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

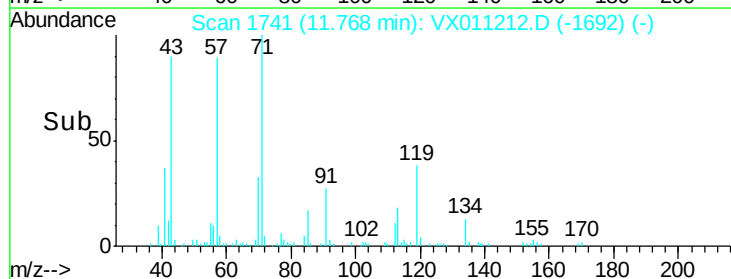
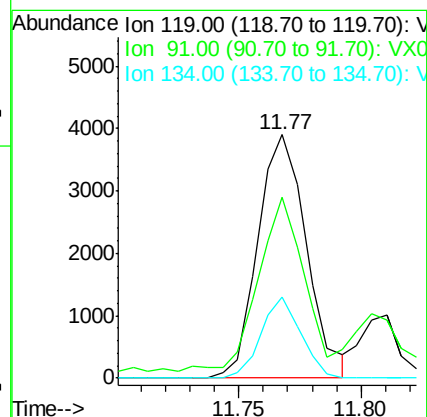
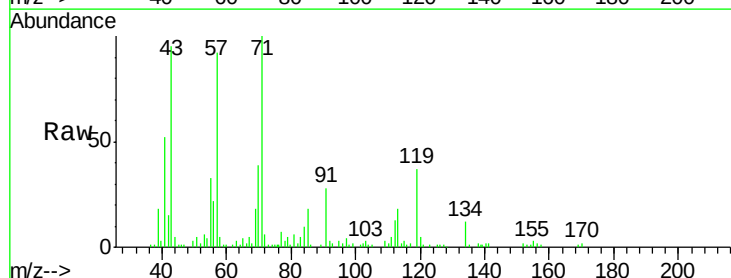
Tgt Ion: 119 Resp: 5377

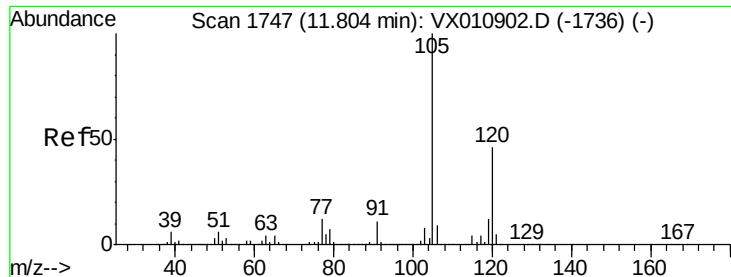
Ion Ratio Lower Upper

119 100

91 68.1 28.6 85.8

134 27.5 11.6 34.8

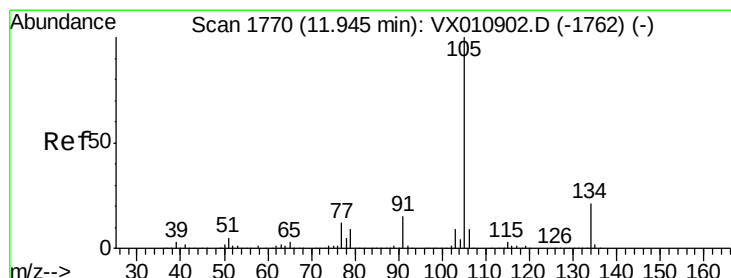
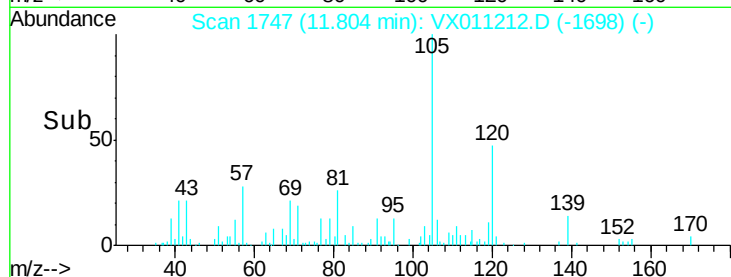
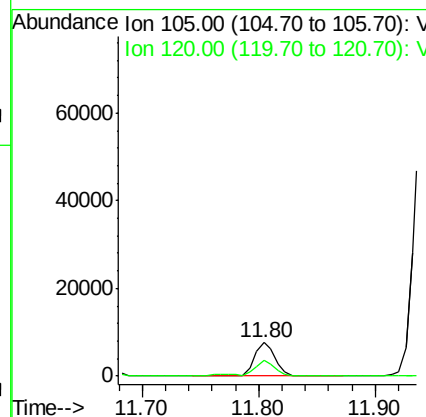
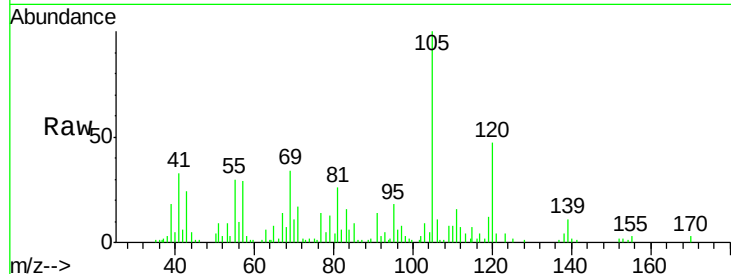




#84
 1,2,4-Trimethylbenzene
 Concen: 1.171 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011212.D
 Acq: 30 Jul 2019 21:57

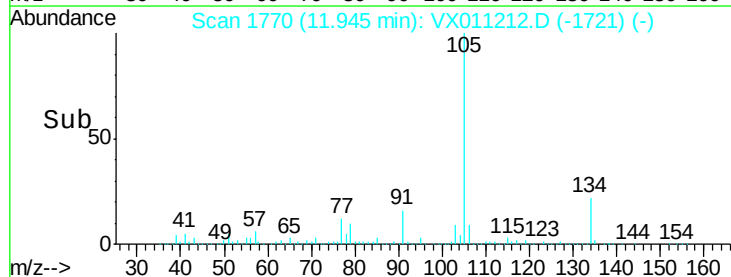
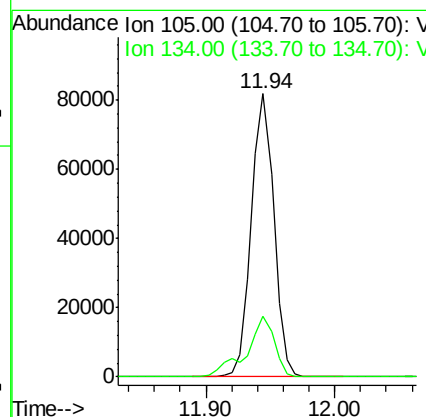
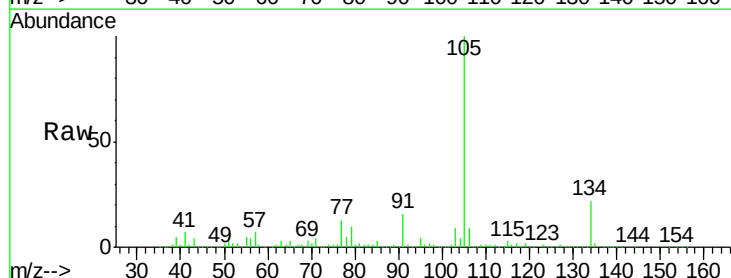
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8

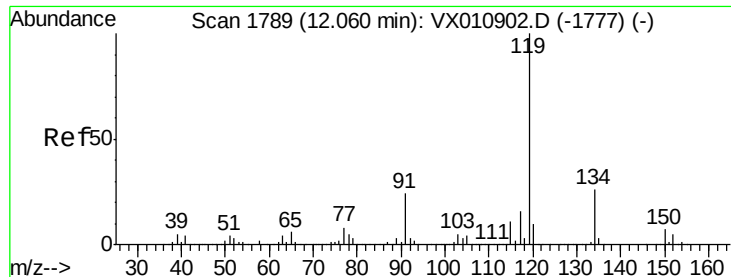
Tgt Ion:105 Resp: 9707
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 10.377 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011212.D
 Acq: 30 Jul 2019 21:57

Tgt Ion:105 Resp: 98194
 Ion Ratio Lower Upper
 105 100
 134 26.9 10.4 31.4

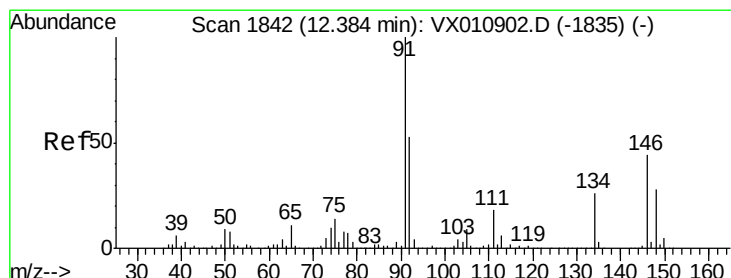
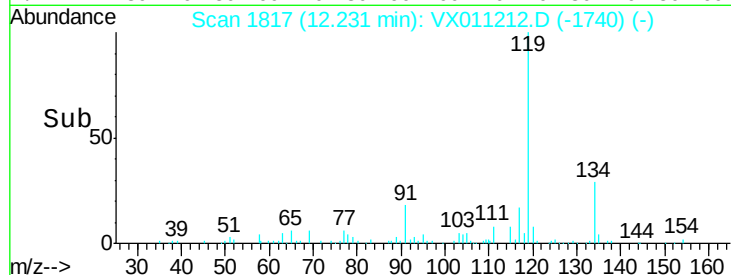
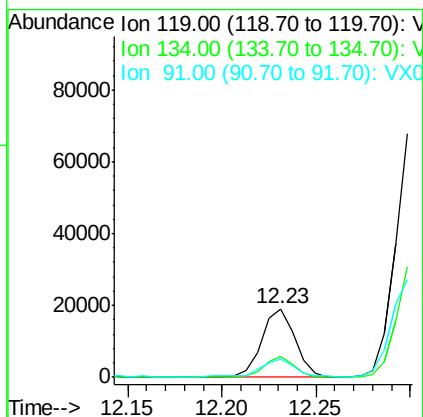
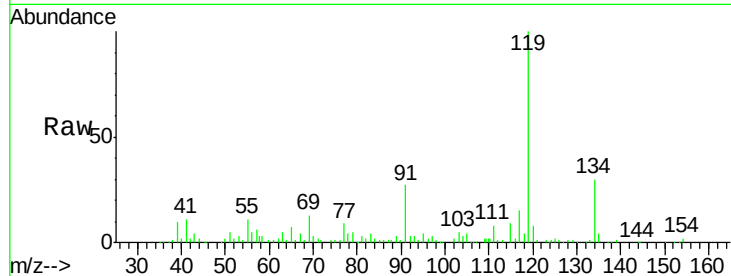




#86
p-Isopropyltoluene
Concen: 2.667 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

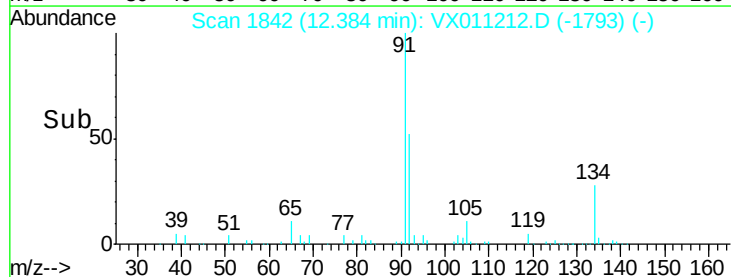
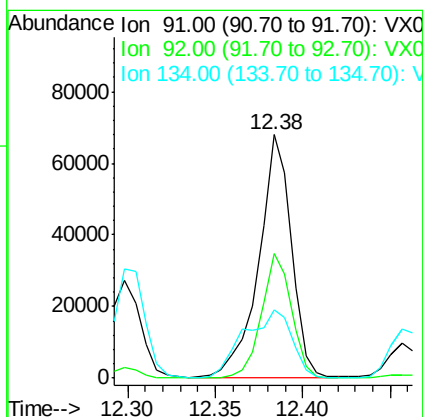
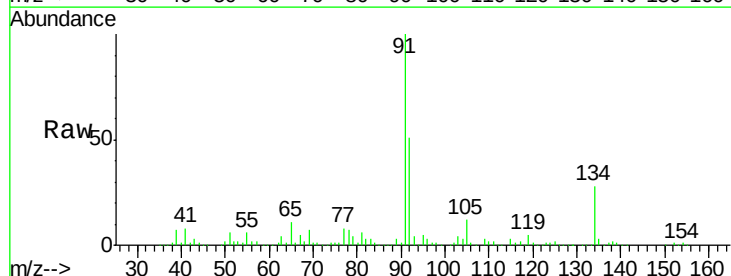
Instrument :
MSVOA_X
ClientSampled :
TP-8

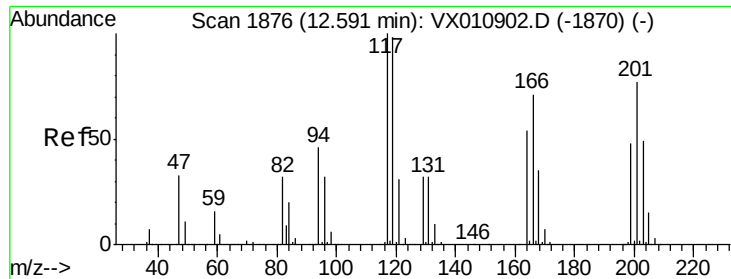
Tgt Ion: 119 Resp: 23328
Ion Ratio Lower Upper
119 100
134 26.9 13.4 40.1
91 25.9 11.8 35.4



#89
n-Butylbenzene
Concen: 11.713 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

Tgt Ion: 91 Resp: 87664
Ion Ratio Lower Upper
91 100
92 47.3 26.2 78.5
134 41.1 13.8 41.3





#90

Hexachloroethane

Concen: 25.617 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

Instrument :

MSVOA_X

ClientSampled :

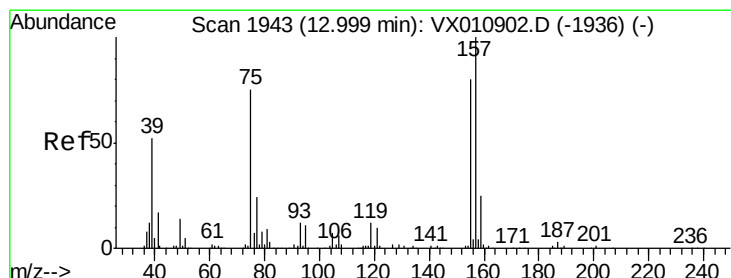
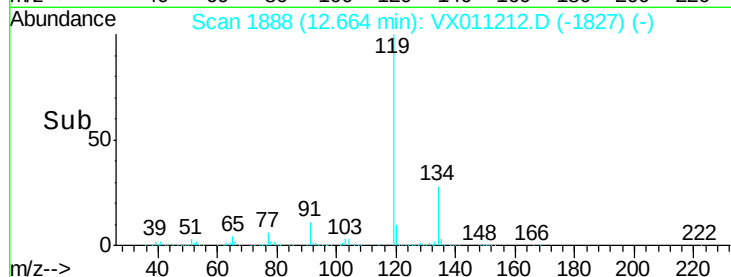
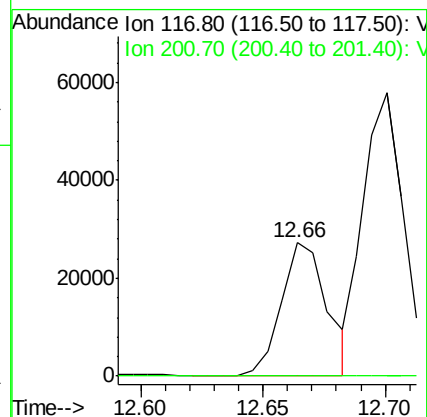
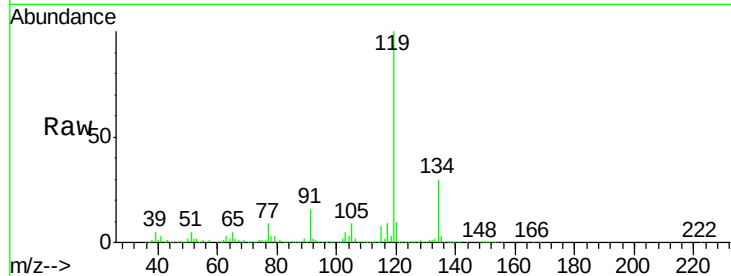
TP-8

Tgt Ion:117 Resp: 35348

Ion Ratio Lower Upper

117 100

201 0.0 43.3 129.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.867 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX011212.D

Acq: 30 Jul 2019 21:57

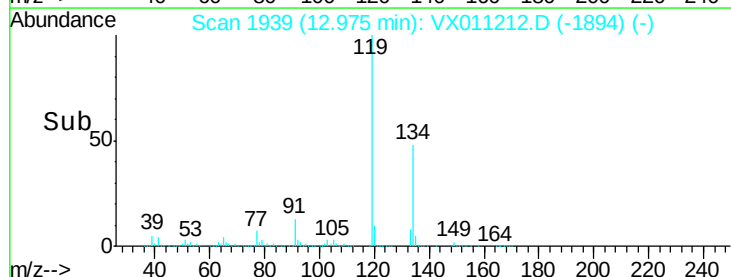
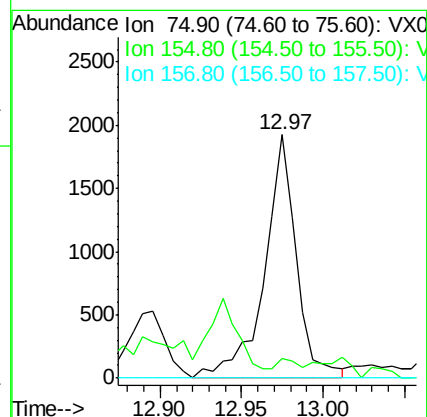
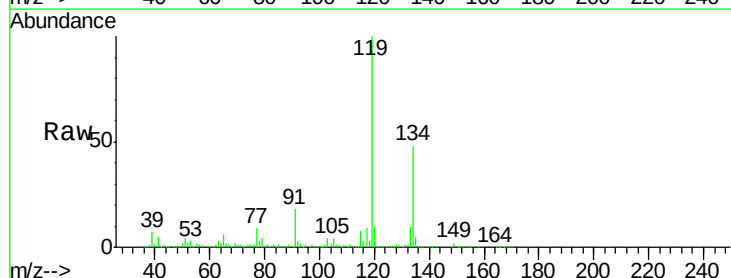
Tgt Ion: 75 Resp: 2603

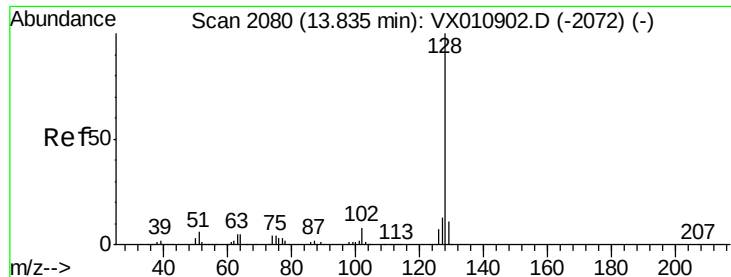
Ion Ratio Lower Upper

75 100

155 2.3 48.7 146.1#

157 0.0 62.5 187.6#

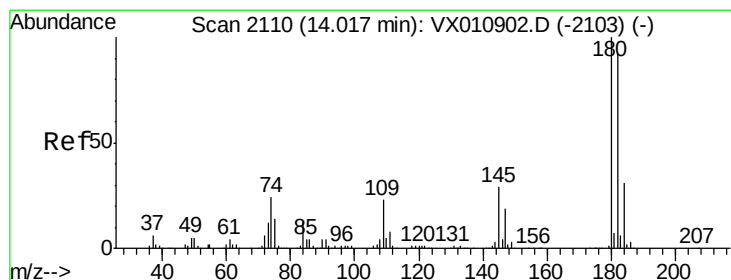
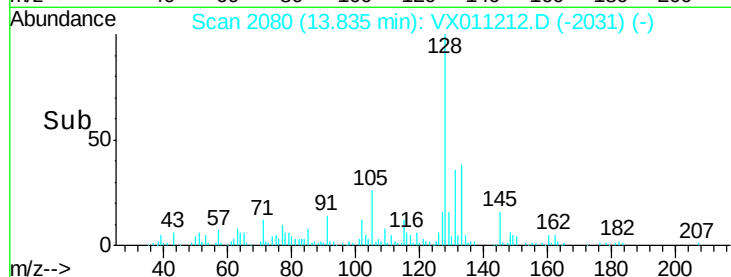
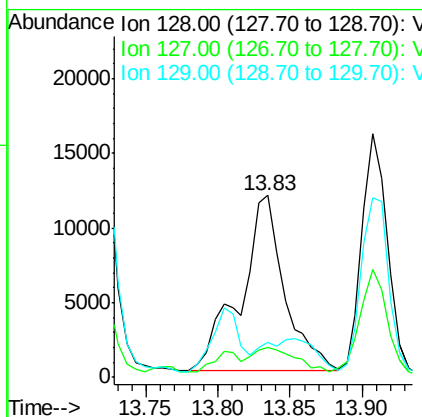
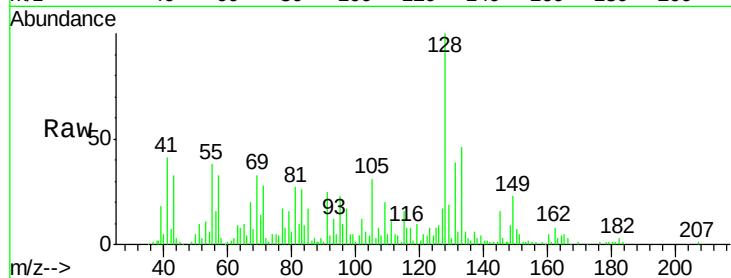




#95
Naphthalene
Concen: 2.692 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

Instrument :
MSVOA_X
ClientSampled :
TP-8

Tgt Ion:128 Resp: 25148
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 20.5 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.291 ug/l
RT: 14.03 min Scan# 2112
Delta R.T. 0.01 min
Lab File: VX011212.D
Acq: 30 Jul 2019 21:57

Tgt Ion:180 Resp: 917
Ion Ratio Lower Upper
180 100
182 20.2 47.4 142.3#
145 3593.2 15.1 45.3#

