

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004650.D
 Acq On : 18 Sep 2018 11:49
 Operator : JC/MD
 Sample : J4898-01 50X
 Misc : 5.26g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 18 15:22:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127234	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	5.49	113	123482	42.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.50%	
50) Toluene-d8	8.71	98	416517	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
62) 4-Bromofluorobenzene	11.14	95	154529	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	572	0.212	ug/l #	70
5) Bromomethane	1.64	94	923	Below Cal		98
10) Methyl Iodide	2.51	142	1120	4.625	ug/l #	97
11) Tert butyl alcohol	3.02	59	958	1.491	ug/l #	72
13) Acrolein	2.30	56	202	0.796	ug/l #	60
15) Acrylonitrile	3.15	53	601	0.388	ug/l #	85
16) Acetone	2.44	43	513	0.390	ug/l	96
17) Carbon Disulfide	2.57	76	1853	0.294	ug/l	99
18) Methyl Acetate	2.78	43	815	0.221	ug/l	99
29) Tetrahydrofuran	5.17	42	590	0.468	ug/l #	77
36) 1,1-Dichloropropene	5.66	75	13036	3.402	ug/l #	50
38) Carbon Tetrachloride	5.67	117	17206	4.597	ug/l #	16
40) Benzene	6.15	78	80856	7.111	ug/l	99
52) Toluene	8.79	92	90204	13.465	ug/l	97
55) 1,1,2-Trichloroethane	9.08	97	1097	0.380	ug/l #	20
58) 2-Chloroethyl Vinyl ether	8.32	63	68	7.303	ug/l #	45
67) Ethyl Benzene	10.26	91	73752	6.433	ug/l	99
68) m/p-Xylenes	10.36	106	55370	12.538	ug/l	97
69) o-Xylene	10.70	106	18933	4.460	ug/l	96
70) Styrene	10.71	104	2346	0.334	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	72147	20.674	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	20947	2.181	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	72147	65.899	ug/l #	10
83) tert-Butylbenzene	12.02	119	5402	0.591	ug/l	69
84) 1,2,4-Trimethylbenzene	11.81	105	46755	4.769	ug/l	99
85) sec-Butylbenzene	11.81	105	46755	4.013	ug/l #	56
86) p-Isopropyltoluene	12.07	119	2311	0.225	ug/l #	61
89) n-Butylbenzene	12.39	91	3116	0.332	ug/l #	62
90) Hexachloroethane	12.61	117	897	0.545	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1542	1.960	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1337	0.317	ug/l #	92
94) Hexachlorobutadiene	13.79	225	525	0.238	ug/l	90
95) Naphthalene	13.83	128	2952843	249.363	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1140	0.263	ug/l #	62

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Quant Time: Sep 18 15:22:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

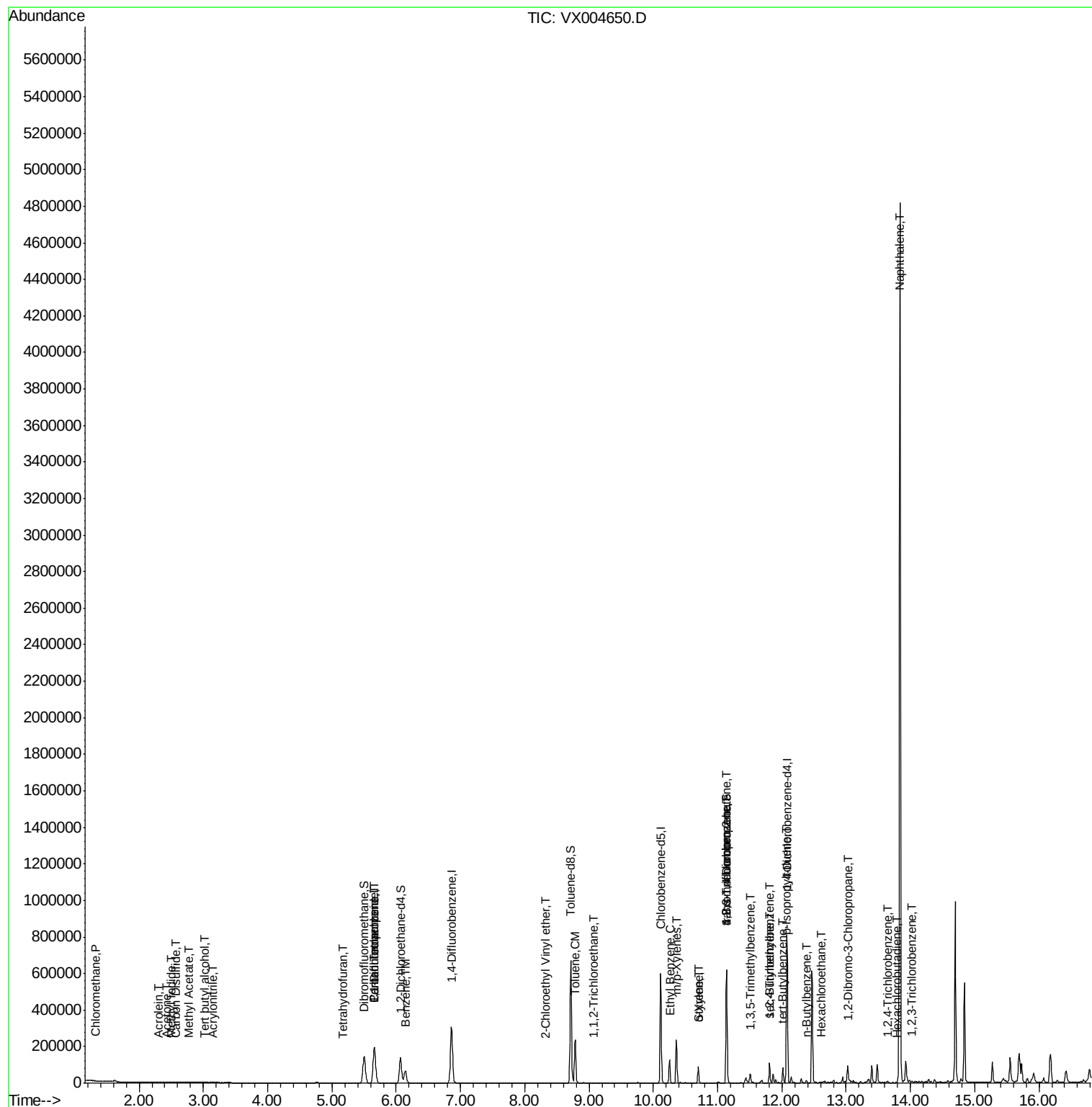
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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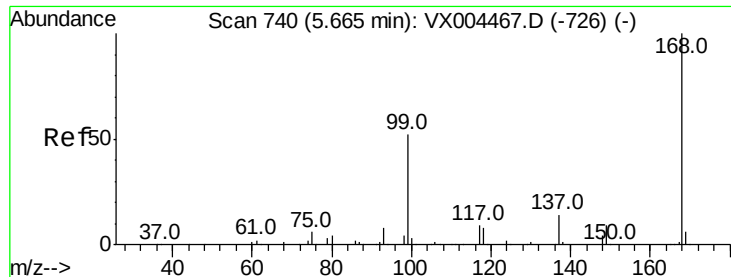
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

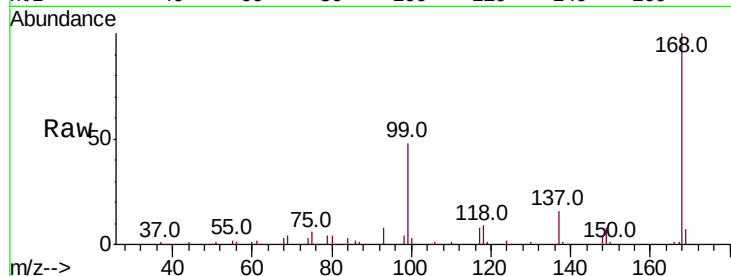
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 208884

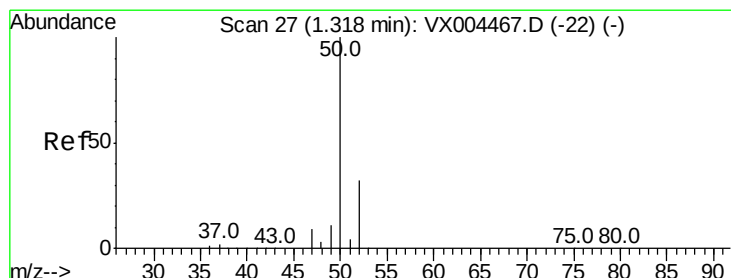
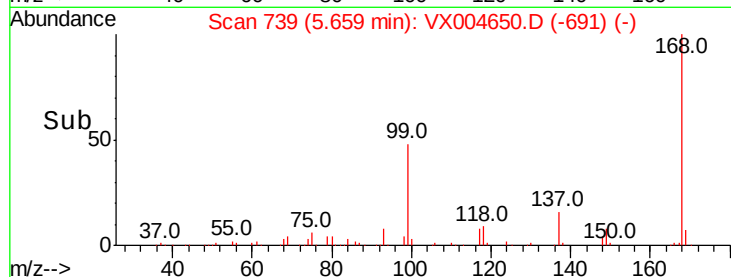
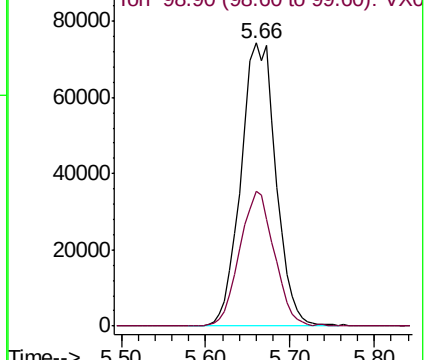
Ion Ratio Lower Upper

168 100

99 47.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004467.D (-726) (-)



#3

Chloromethane

Concen: 0.212 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004650.D

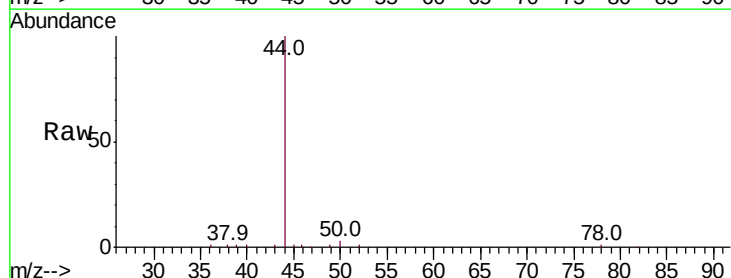
Acq: 18 Sep 2018 11:49

Tgt Ion: 50 Resp: 572

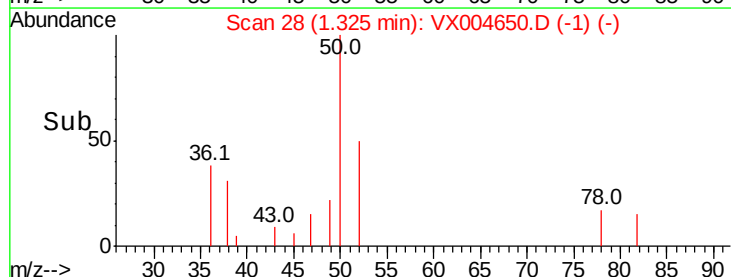
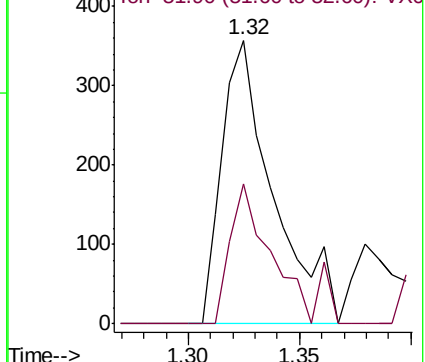
Ion Ratio Lower Upper

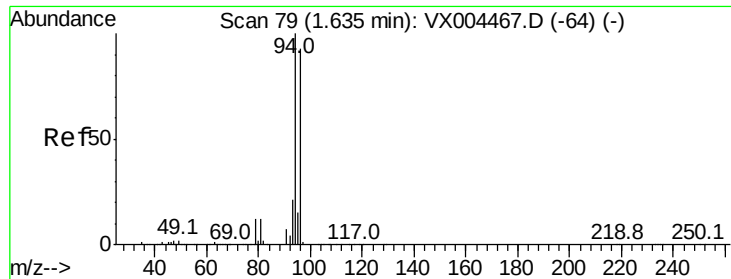
50 100

52 49.6 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX004467.D (-22) (-)





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

Instrument :

MSVOA_X

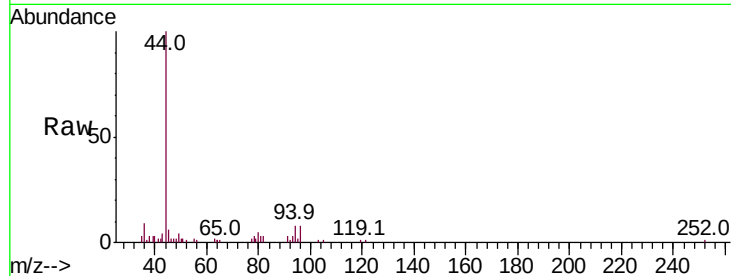
ClientSampled :

Tot Ion: 94 Resp: 923

Ion Ratio Lower Upper

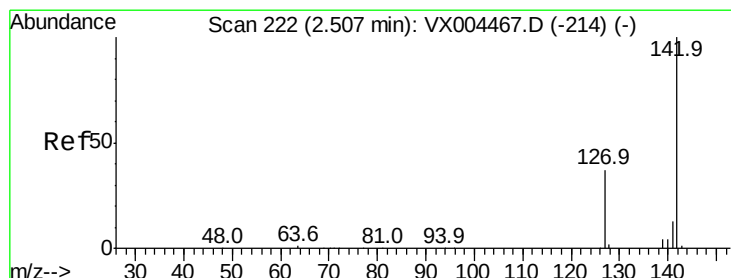
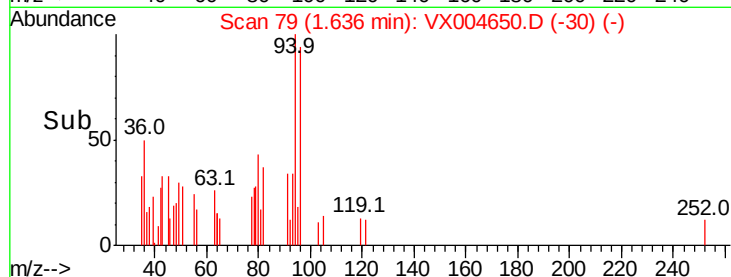
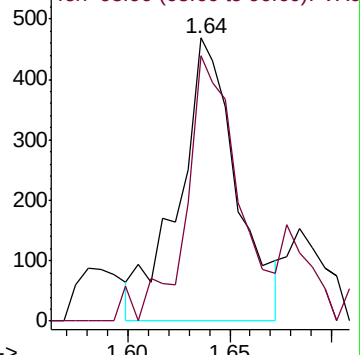
94 100

96 94.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 4.625 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

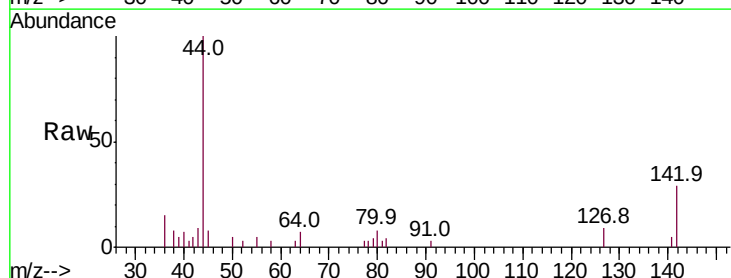
Tgt Ion: 142 Resp: 1120

Ion Ratio Lower Upper

142 100

127 43.1 33.8 50.6

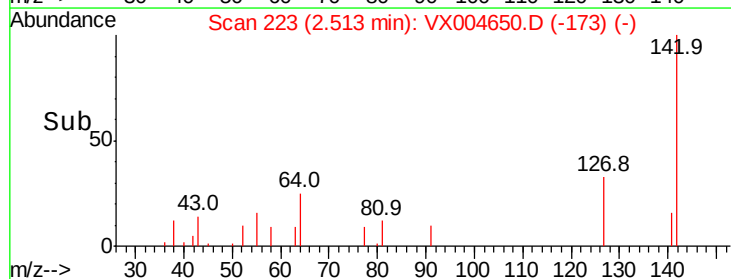
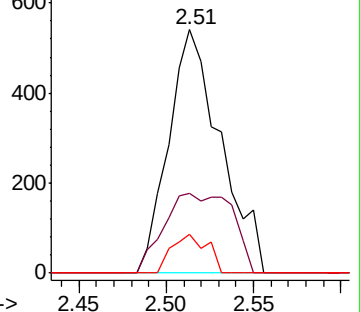
141 10.8 11.4 17.0#

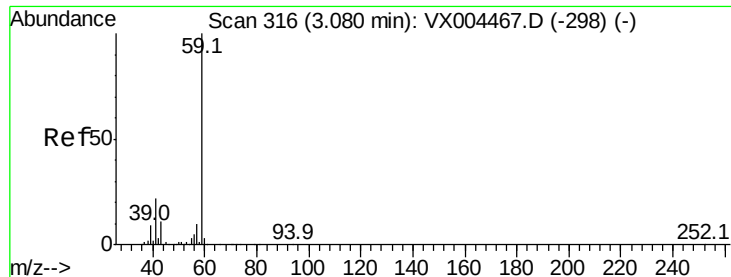


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



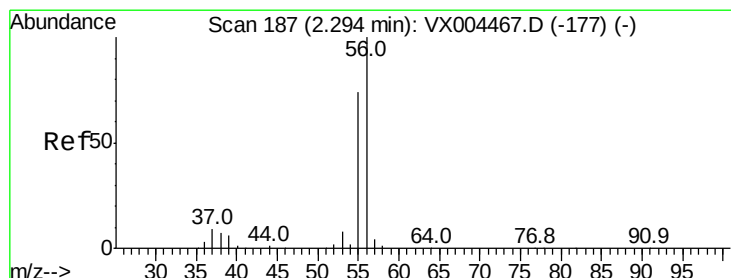
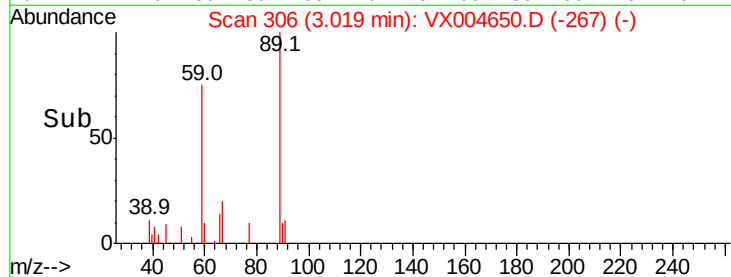
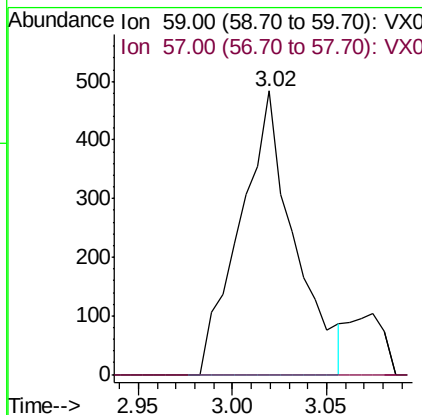
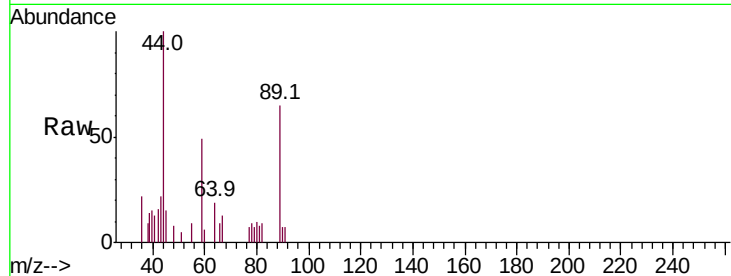


#11

Tert butyl alcohol
Concen: 1.491 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004650.D
Acq: 18 Sep 2018 11:49

Instrument :
MSVOA_X
ClientSampled :

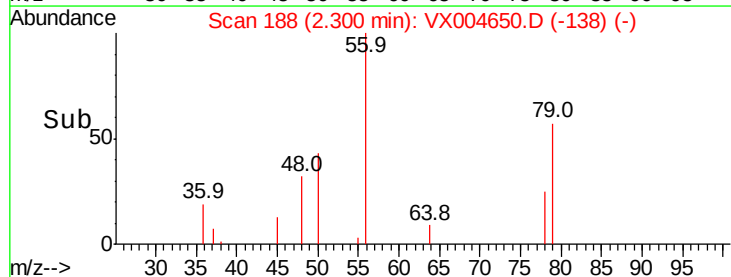
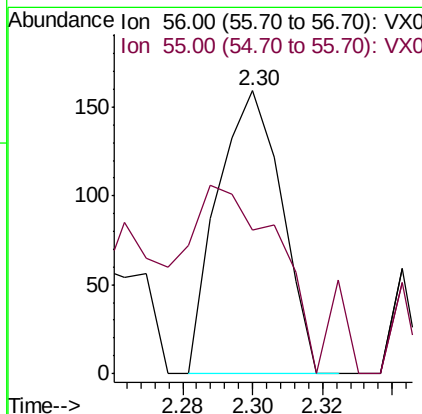
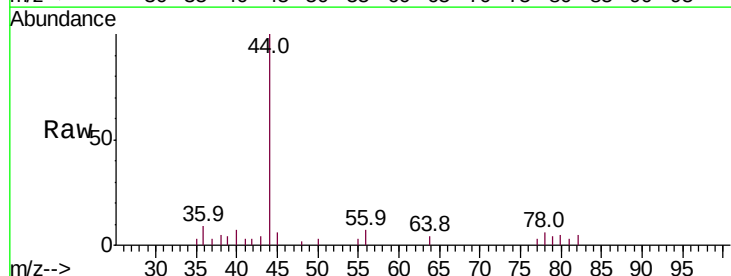
Tot Ion: 59 Resp: 958
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

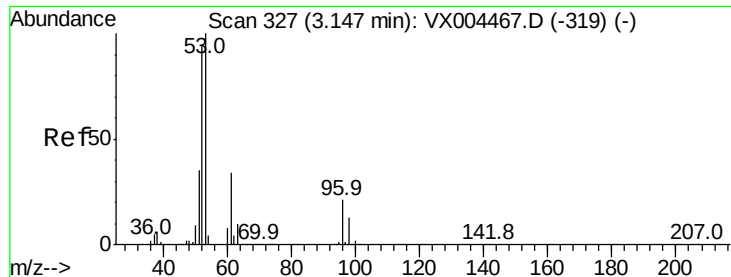


#13

Acrolein
Concen: 0.796 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX004650.D
Acq: 18 Sep 2018 11:49

Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 100.5 54.7 82.1#





#15

Acrylonitrile

Concen: 0.388 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

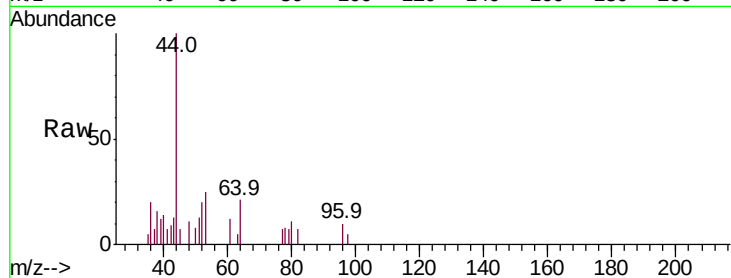
Tot Ion: 53 Resp: 601

Ion Ratio Lower Upper

53 100

52 90.8 65.2 97.8

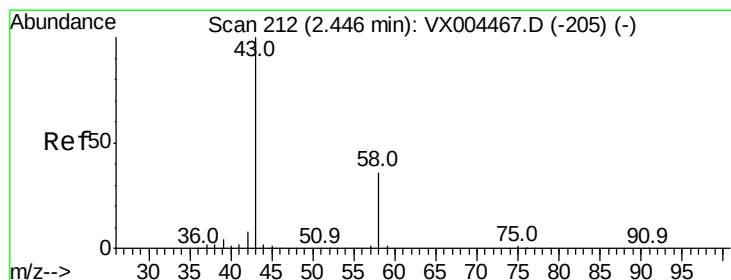
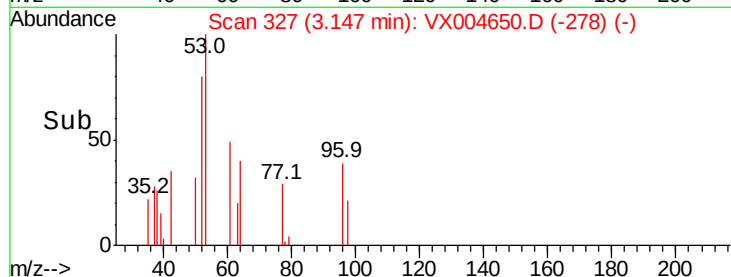
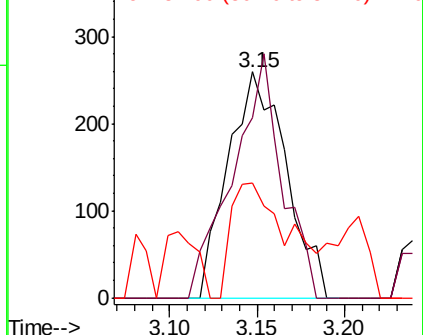
51 50.2 28.2 42.2#



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: 0.390 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004650.D

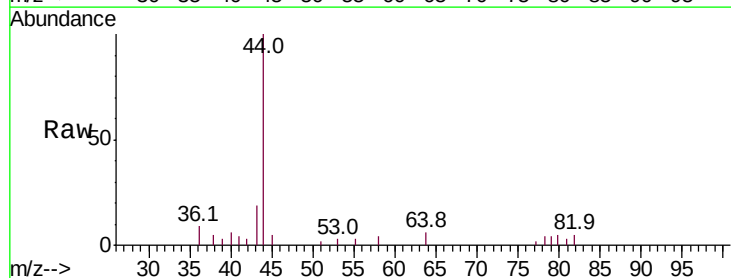
Acq: 18 Sep 2018 11:49

Tgt Ion: 43 Resp: 513

Ion Ratio Lower Upper

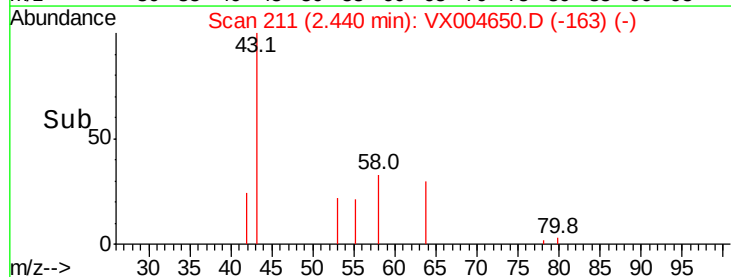
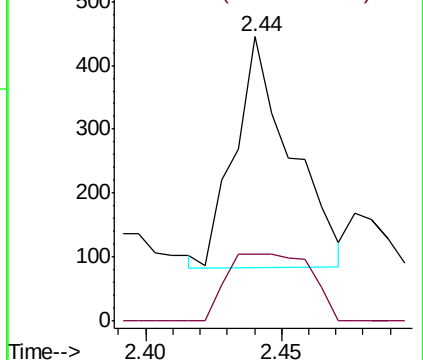
43 100

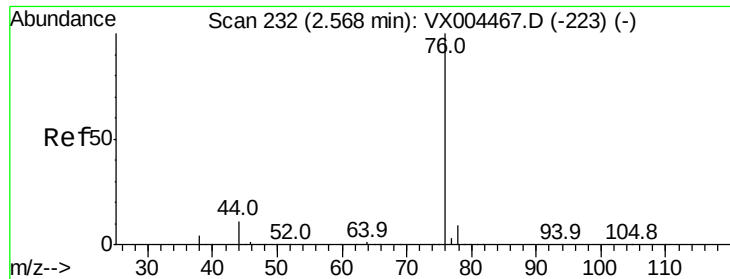
58 30.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.294 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

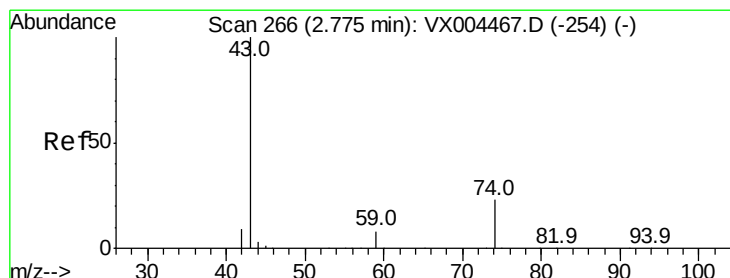
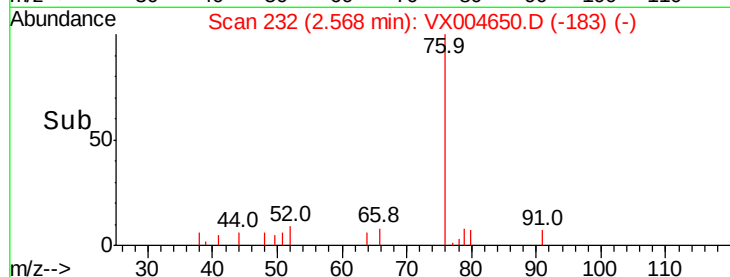
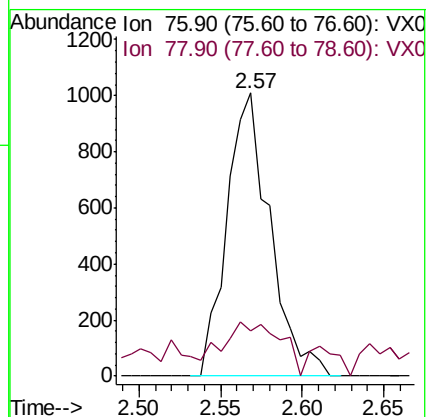
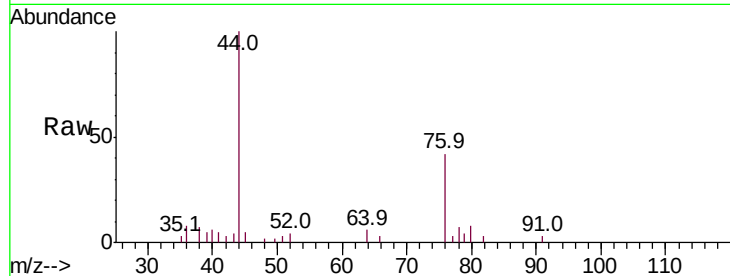
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 1853

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 0.221 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX004650.D

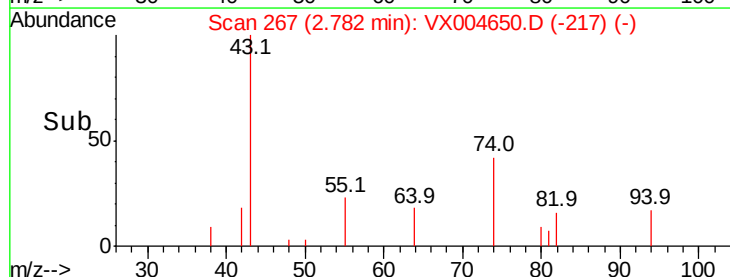
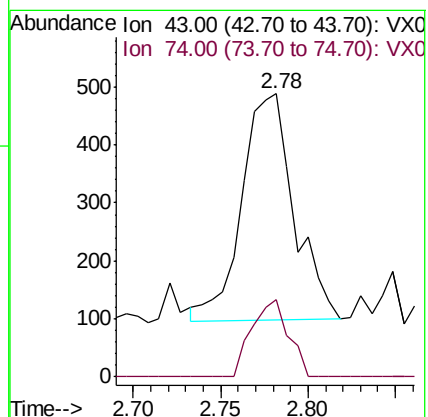
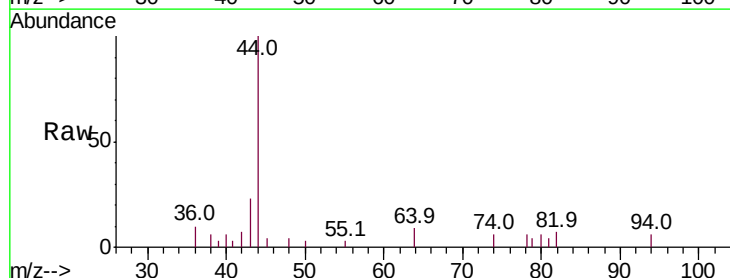
Acq: 18 Sep 2018 11:49

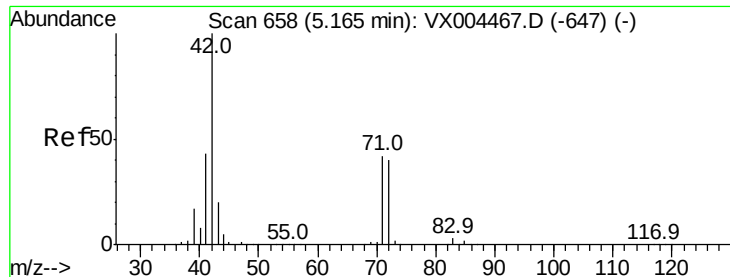
Tgt Ion: 43 Resp: 815

Ion Ratio Lower Upper

43 100

74 23.8 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.468 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

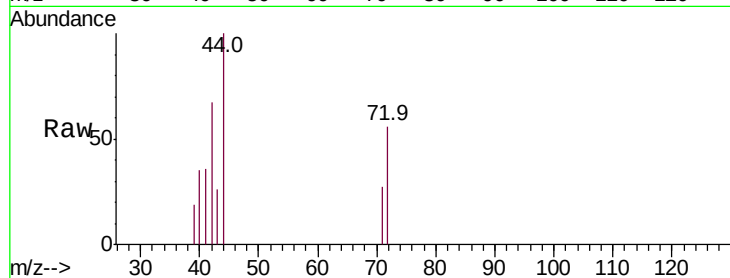
Tot Ion: 42 Resp: 590

Ion Ratio Lower Upper

42 100

72 36.6 37.4 56.0#

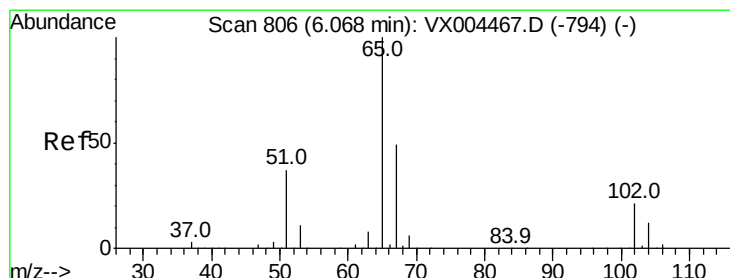
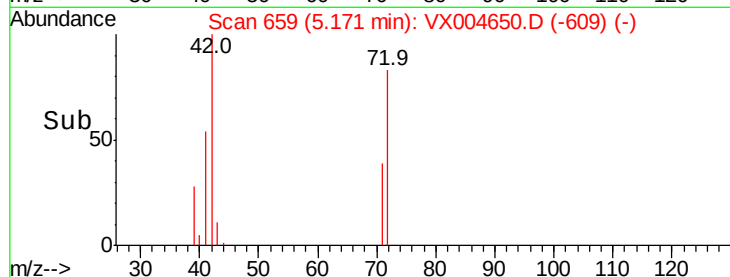
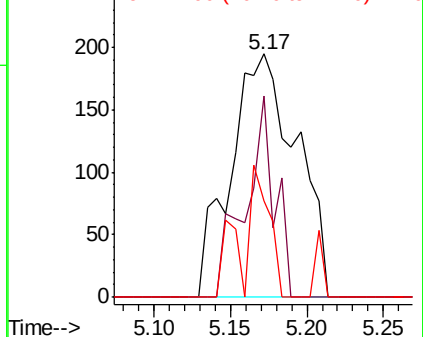
71 22.4 34.5 51.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.240 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004650.D

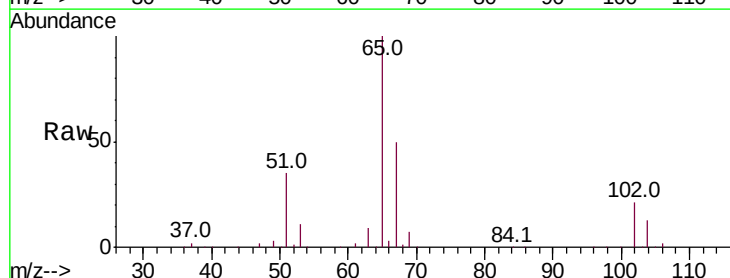
Acq: 18 Sep 2018 11:49

Tgt Ion: 65 Resp: 127234

Ion Ratio Lower Upper

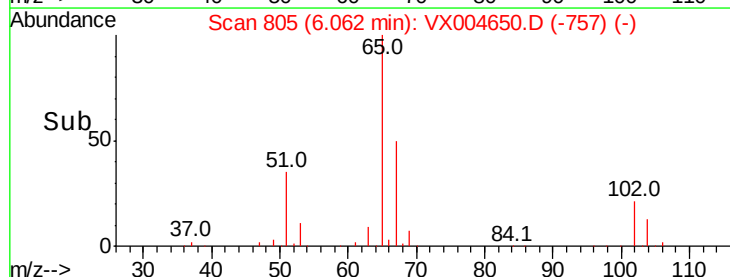
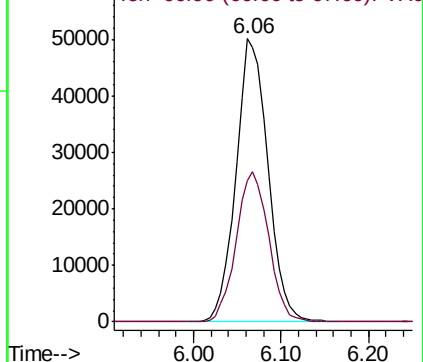
65 100

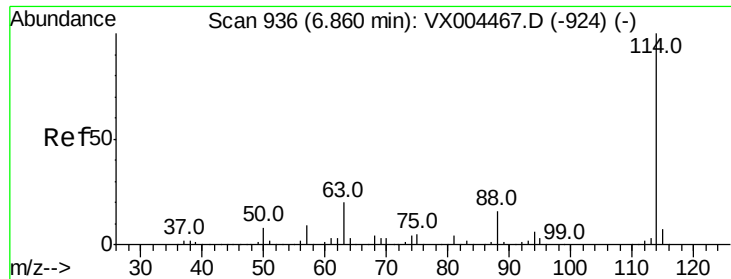
67 54.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

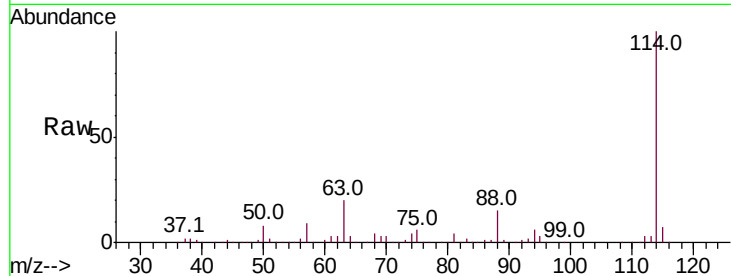




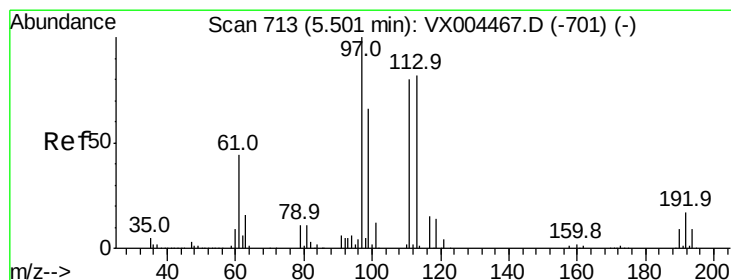
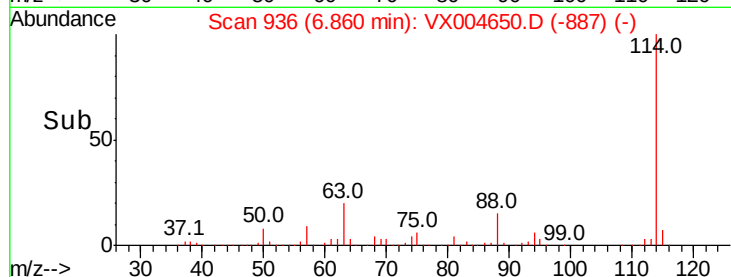
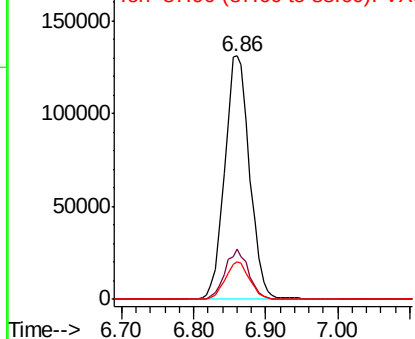
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.0
88	15.2	0.0	30.4

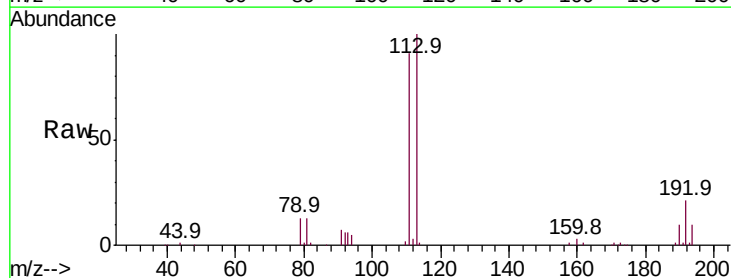


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

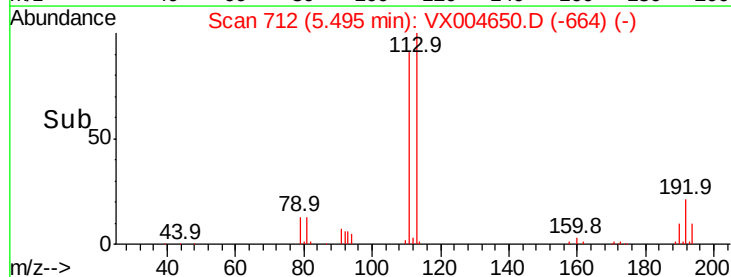
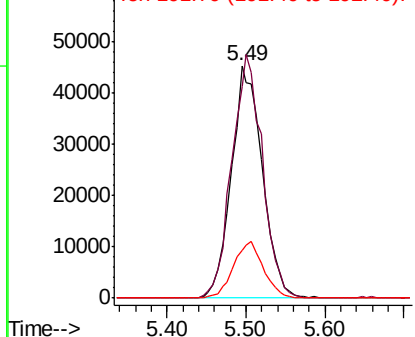


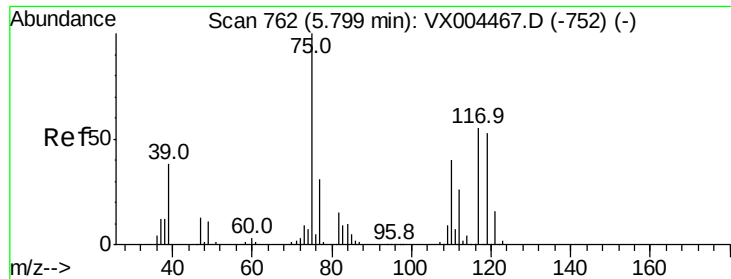
#35
 Dibromofluoromethane
 Concen: 42.749 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	23.8	19.4	29.2



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

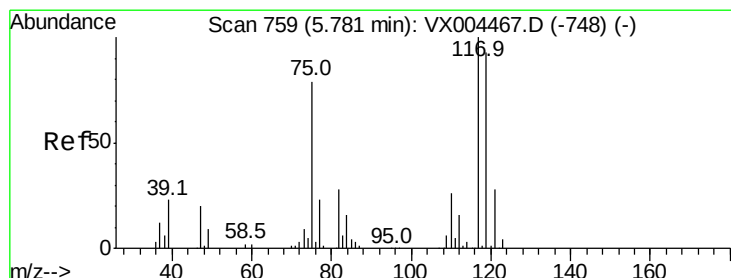
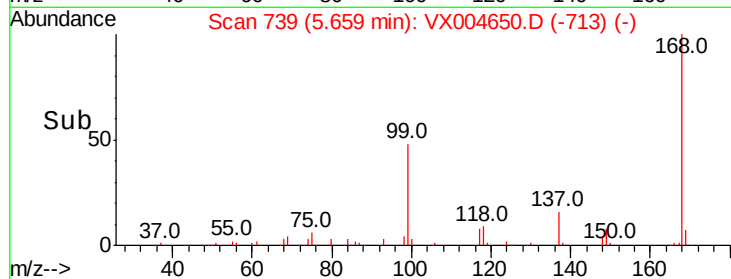
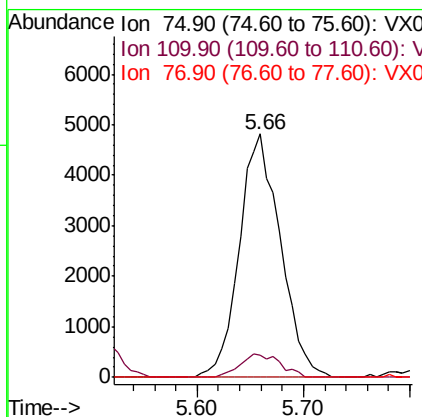
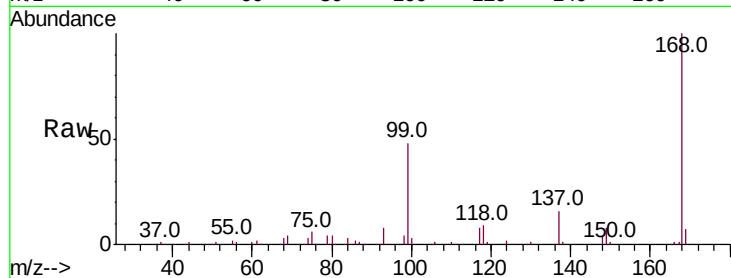




#36
 1,1-Dichloropropene
 Concen: 3.402 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

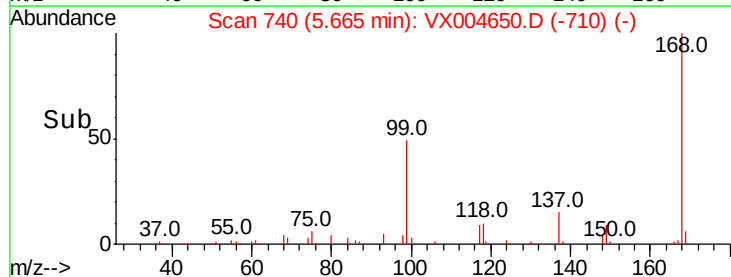
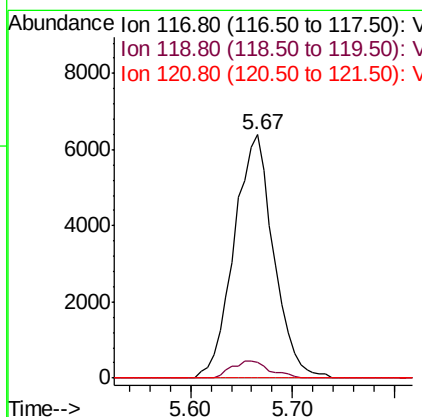
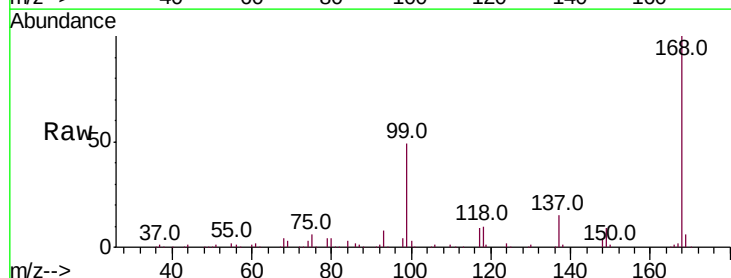
Instrument :
 MSVOA_X
 ClientSampleId :

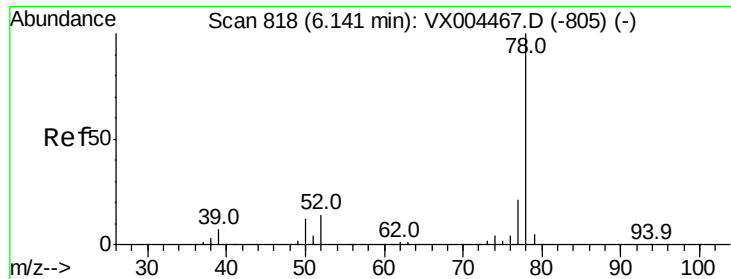
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.0	54.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 4.597 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	78.8	118.2#
121	0.0	24.9	37.3#

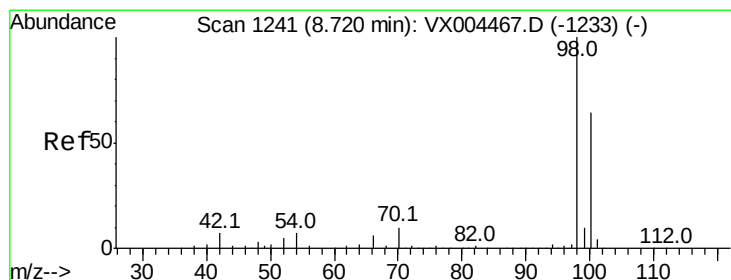
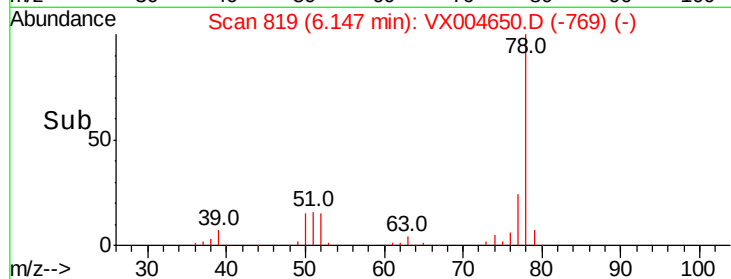
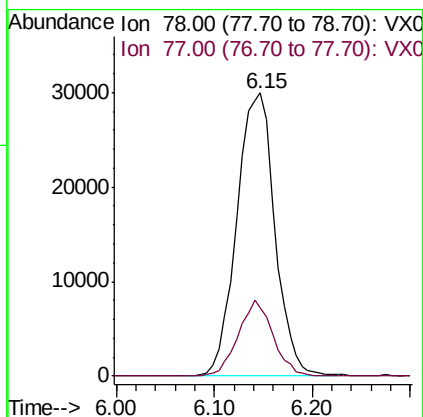
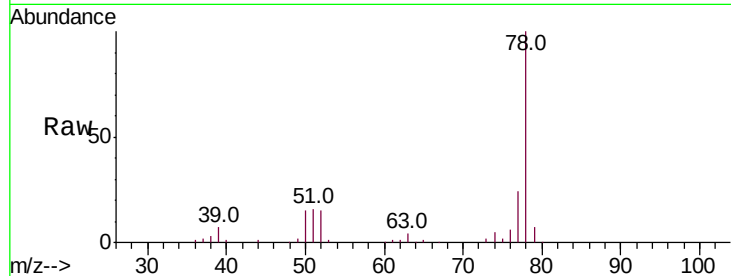




#40
Benzene
Concen: 7.111 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004650.D
Acq: 18 Sep 2018 11:49

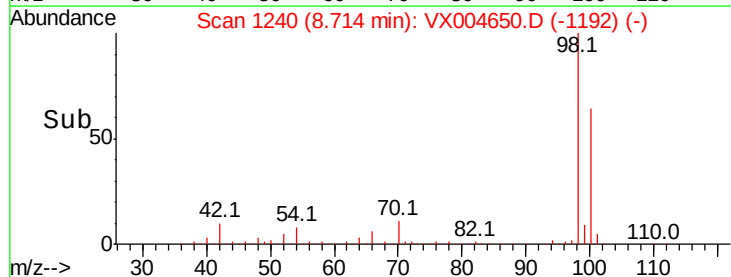
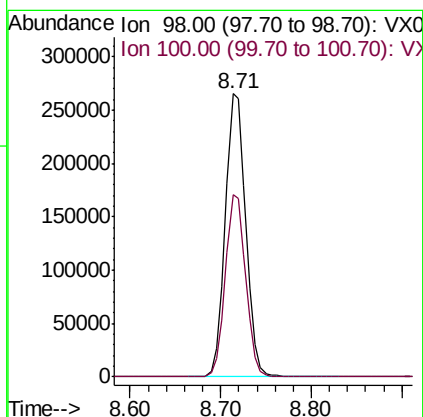
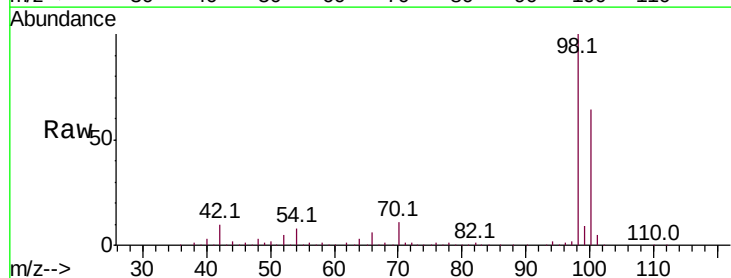
Instrument :
MSVOA_X
ClientSampleId :

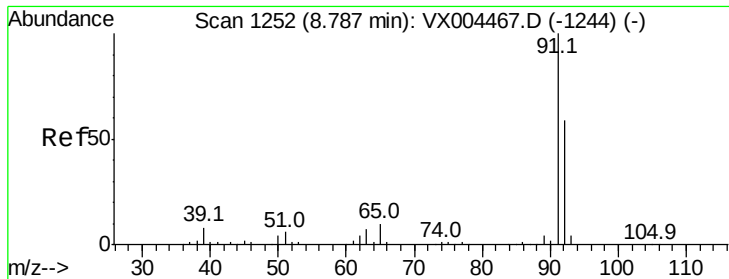
Tot Ion: 78 Resp: 80856
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4



#50
Toluene-d8
Concen: 42.999 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004650.D
Acq: 18 Sep 2018 11:49

Tgt Ion: 98 Resp: 416517
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3





#52

Toluene

Concen: 13.465 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

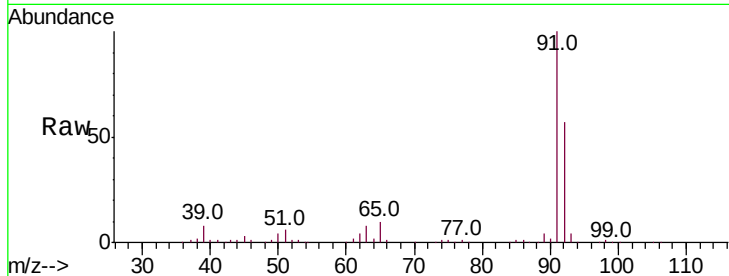
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 90204

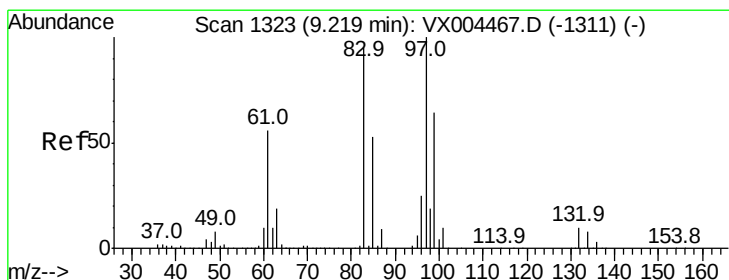
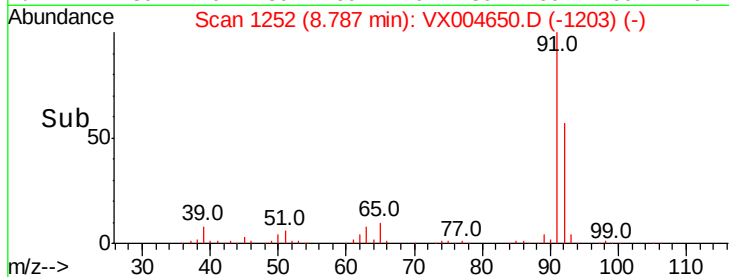
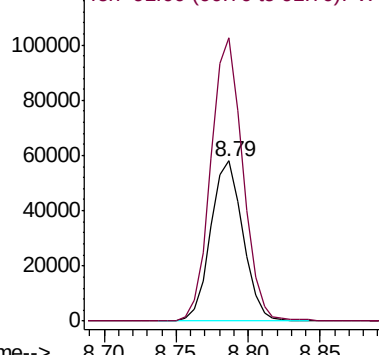
Ion Ratio Lower Upper

92 100

91 175.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.380 ug/l

RT: 9.08 min Scan# 1300

Delta R.T. -0.14 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

Tgt Ion: 97 Resp: 1097

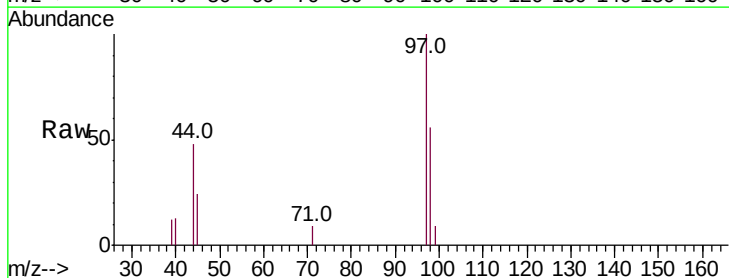
Ion Ratio Lower Upper

97 100

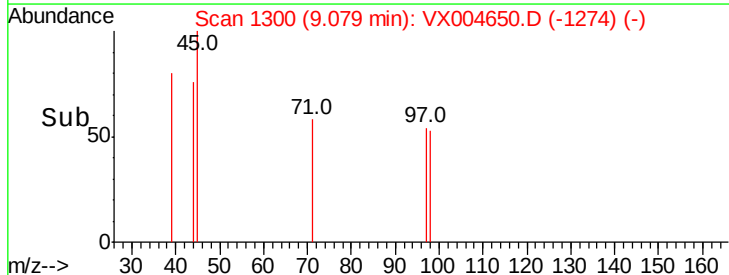
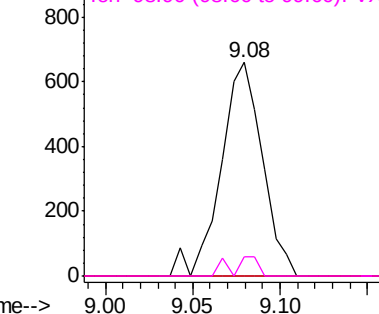
83 0.0 66.4 99.6#

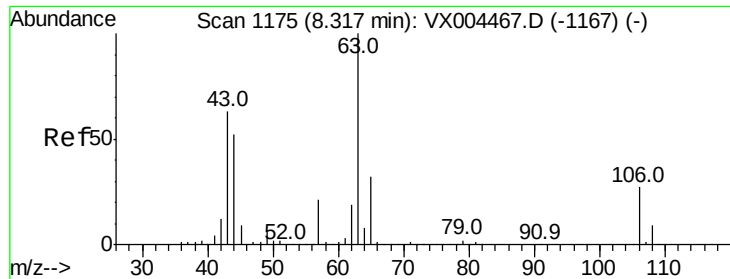
85 0.0 43.3 64.9#

99 9.2 49.0 73.4#



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





#58

2-Chloroethyl Vinyl ether

Concen: 7.303 ug/l

RT: 8.32 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

Instrument :

MSVOA_X

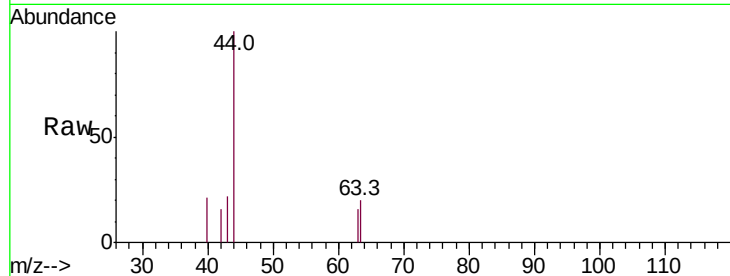
ClientSampled :

Tot Ion: 63 Resp: 68

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

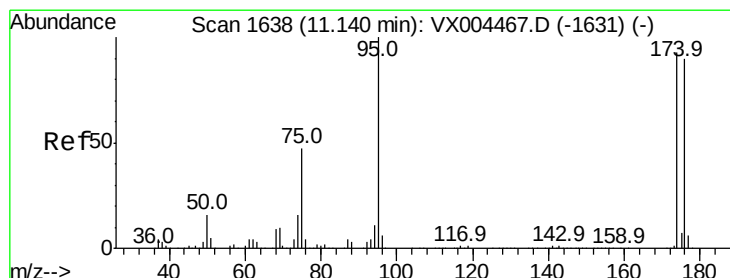
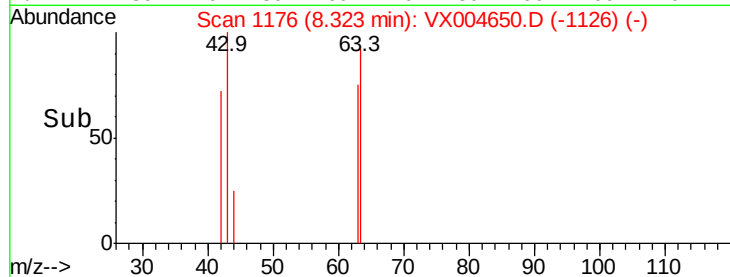
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.691 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

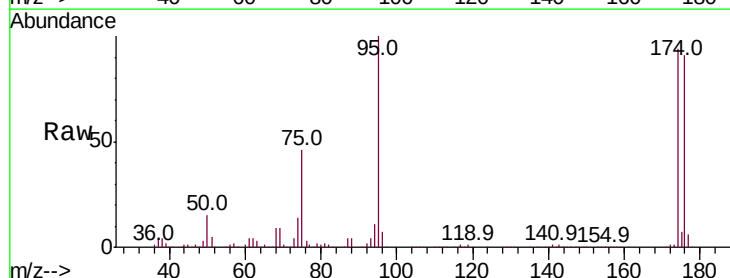
Tgt Ion: 95 Resp: 154529

Ion Ratio Lower Upper

95 100

174 94.9 0.0 185.2

176 90.9 0.0 178.6



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

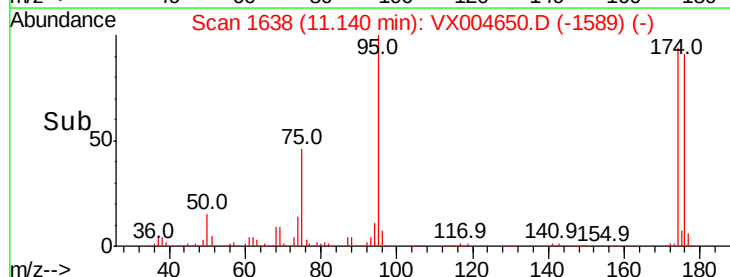
150000

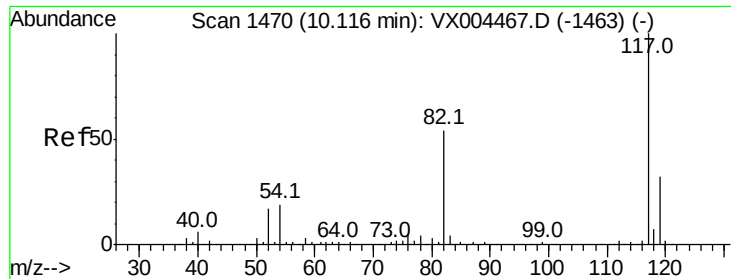
100000

50000

0

Time-->

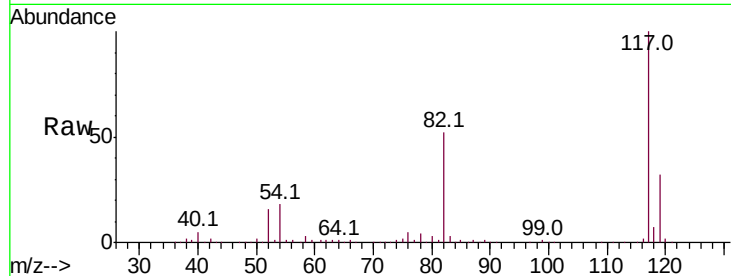




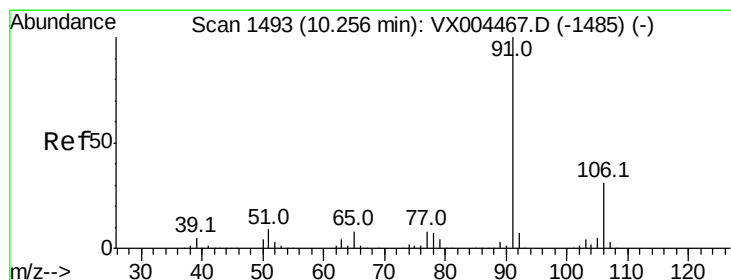
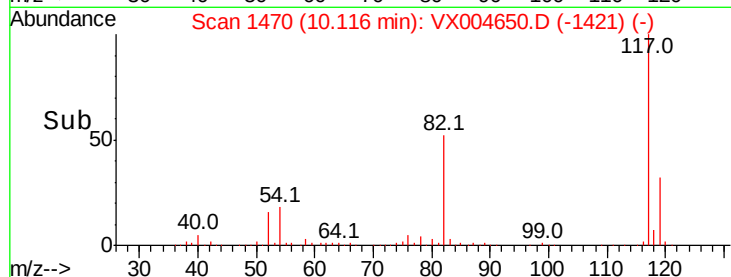
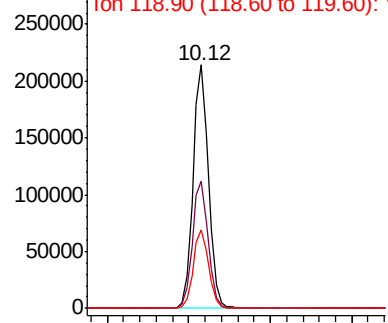
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004650.D
Acq: 18 Sep 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 283840
Ion Ratio Lower Upper
117 100
82 52.1 47.8 71.6
119 32.3 29.3 43.9

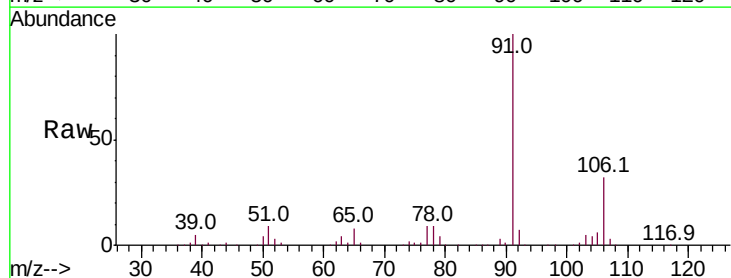


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

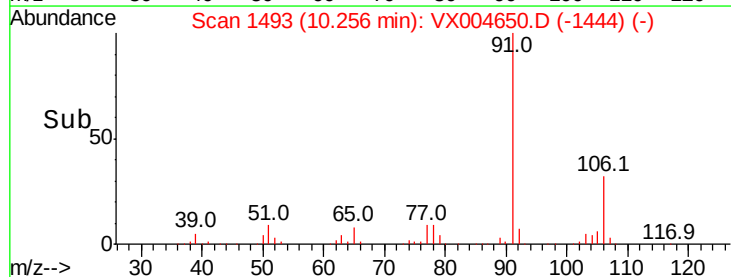
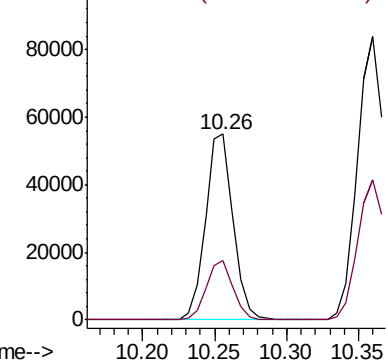


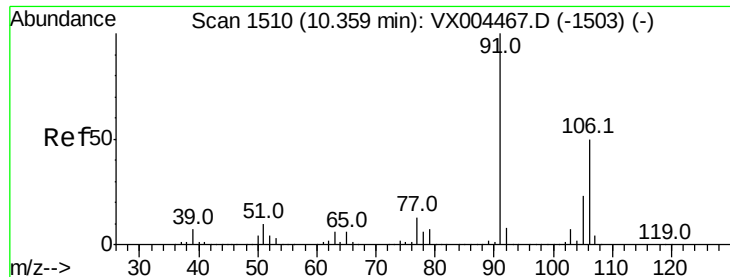
#67
Ethyl Benzene
Concen: 6.433 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004650.D
Acq: 18 Sep 2018 11:49

Tgt Ion: 91 Resp: 73752
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



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

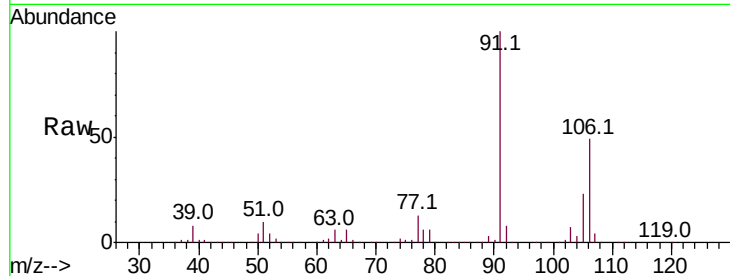




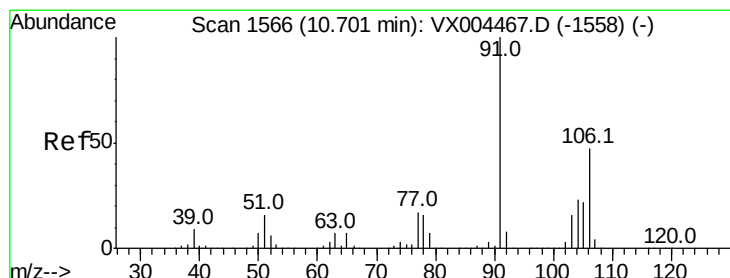
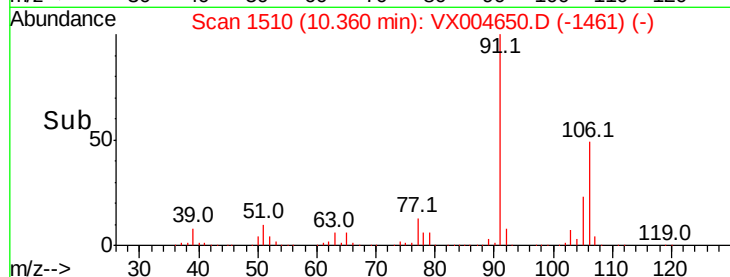
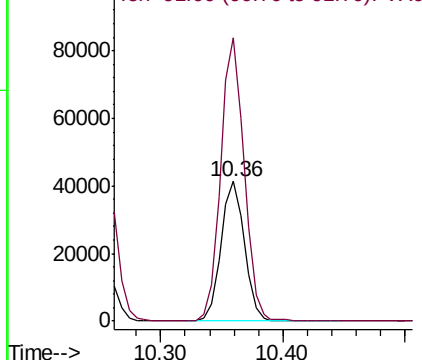
#68
m/p-Xylenes
Concen: 12.538 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004650.D
Acq: 18 Sep 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 55370
Ion Ratio Lower Upper
106 100
91 200.6 157.1 235.7

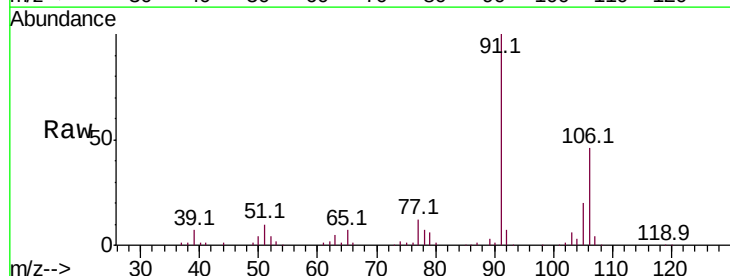


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

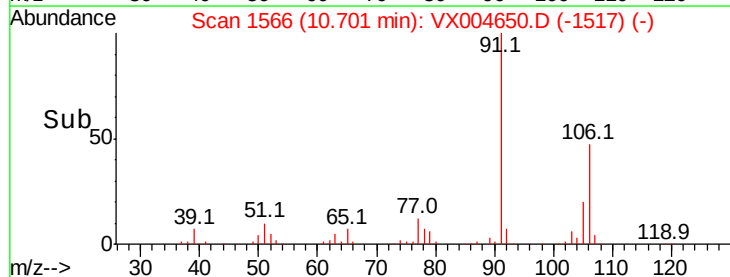
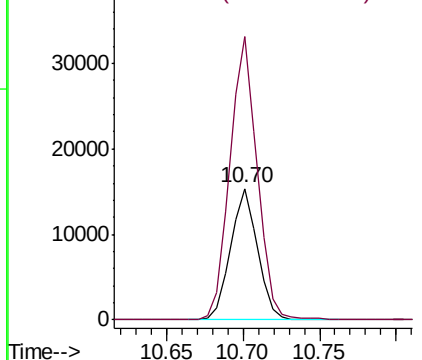


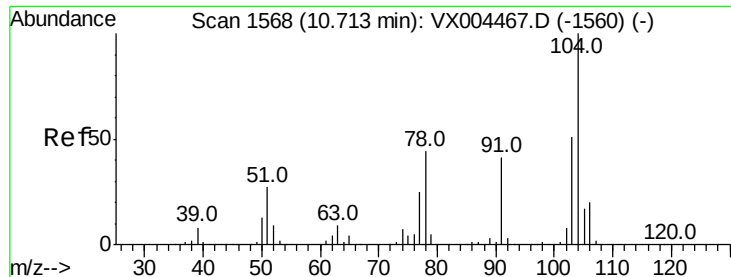
#69
o-Xylene
Concen: 4.460 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004650.D
Acq: 18 Sep 2018 11:49

Tgt Ion:106 Resp: 18933
Ion Ratio Lower Upper
106 100
91 216.1 105.1 315.1



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





#70

Stvrene

Concen: 0.334 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

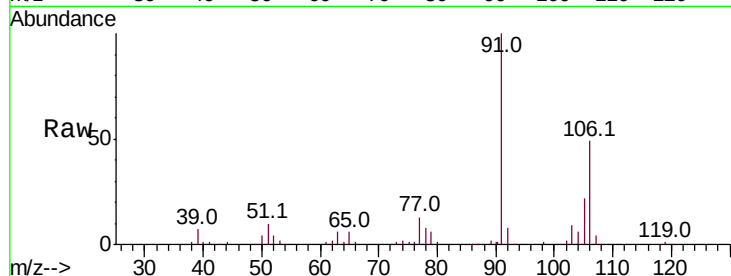
Tot Ion:104 Resp: 2346

Ion Ratio Lower Upper

104 100

78 137.9 37.4 56.0#

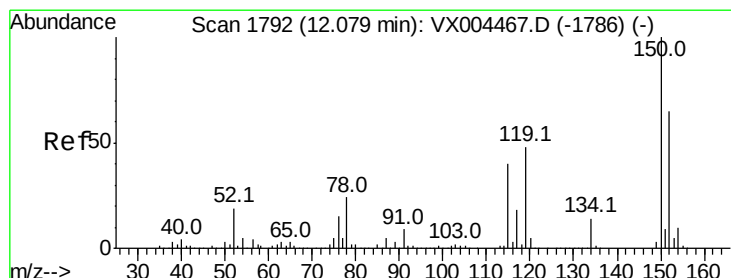
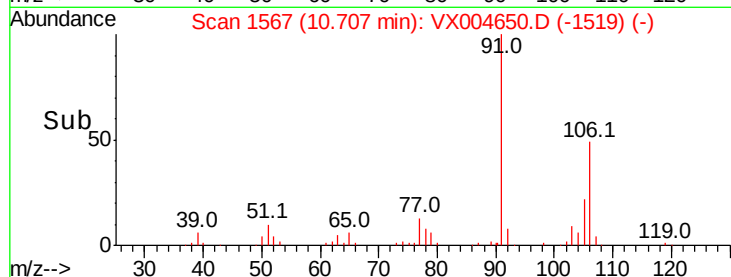
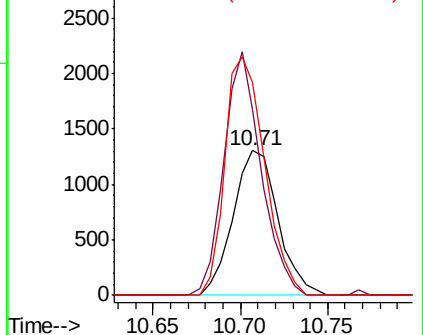
103 144.3 43.8 65.6#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

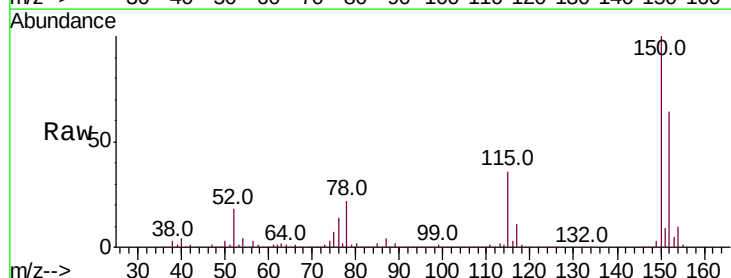
Tgt Ion:152 Resp: 173452

Ion Ratio Lower Upper

152 100

115 54.1 39.0 117.0

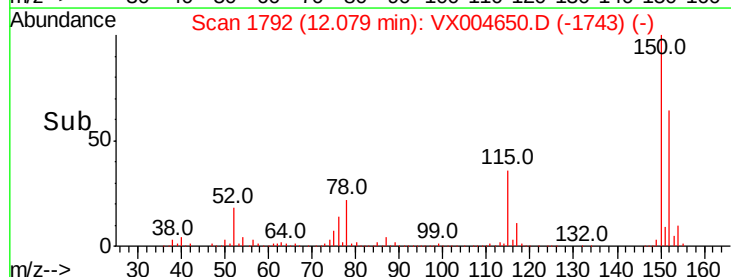
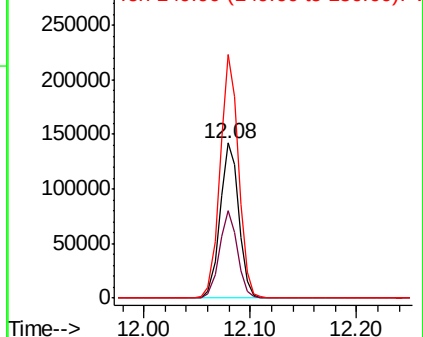
150 154.8 0.0 351.0

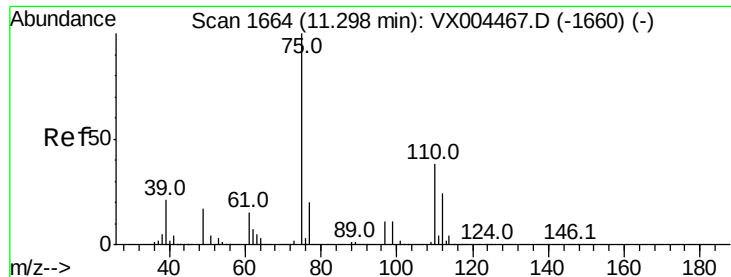


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

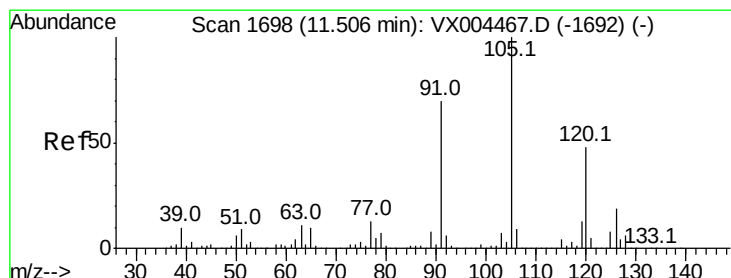
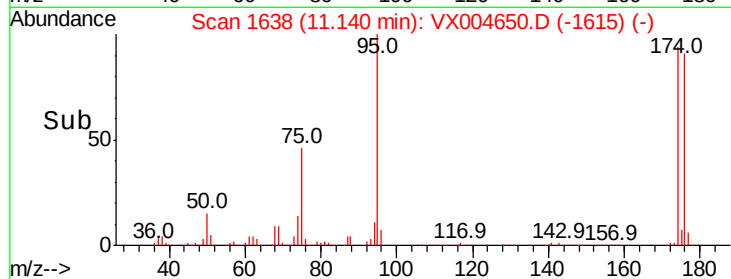
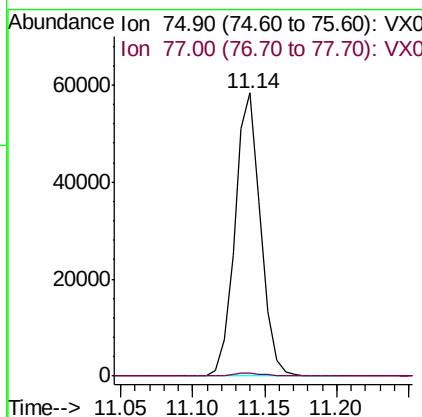
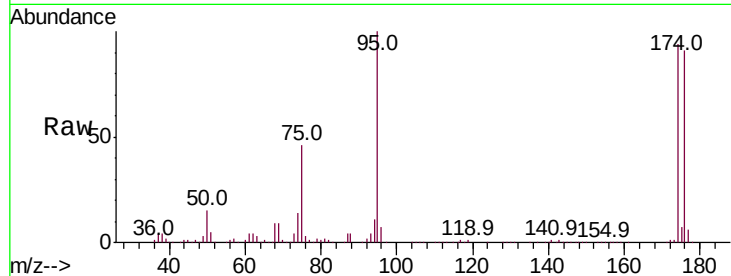




#76
 1,2,3-Trichloropropane
 Concen: 20.674 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

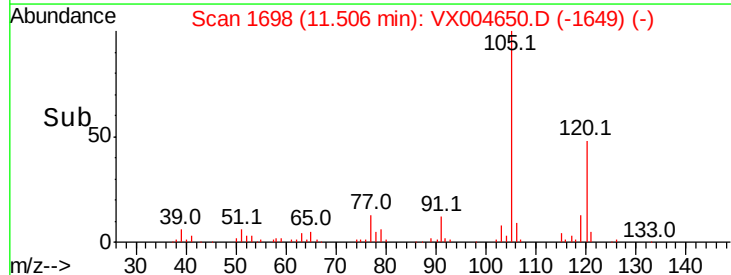
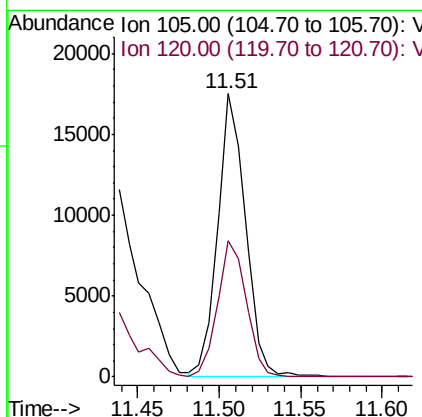
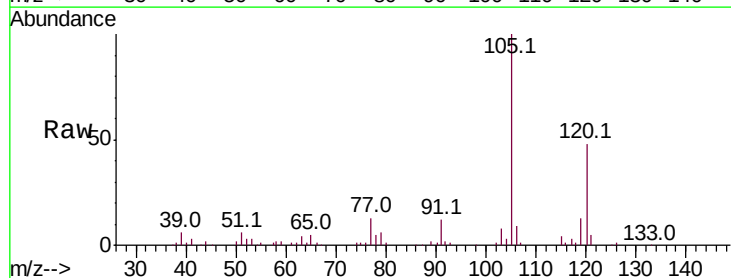
Instrument :
 MSVOA_X
 ClientSampleId :

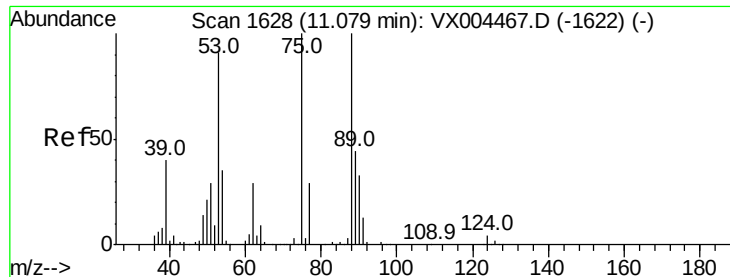
Tot Ion: 75 Resp: 72147
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.2 60.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.181 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

Tgt Ion: 105 Resp: 20947
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 65.899 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

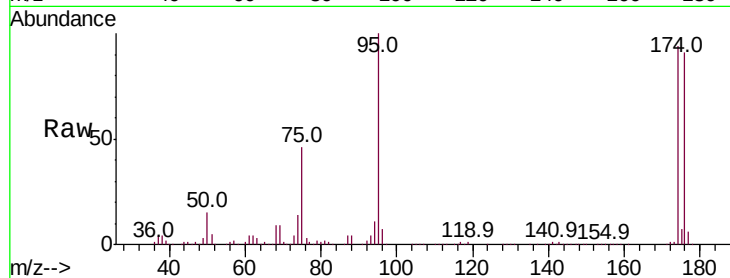
Tot Ion: 75 Resp: 72147

Ion Ratio Lower Upper

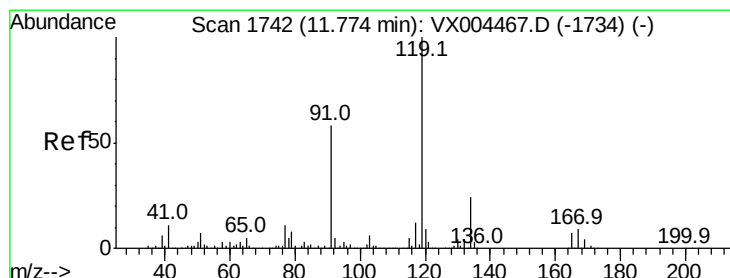
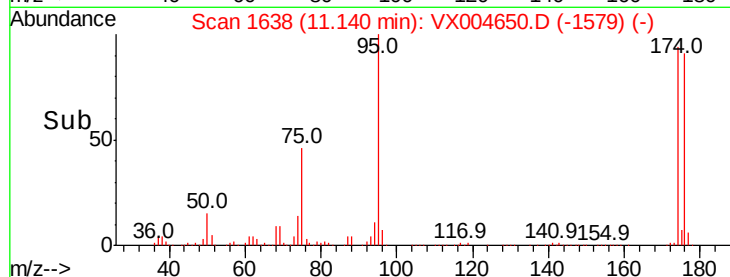
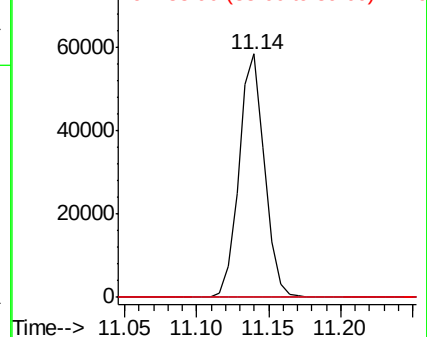
75 100

53 0.1 80.1 120.1#

89 0.0 37.2 55.8#



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



#83

tert-Butylbenzene

Concen: 0.591 ug/l

RT: 12.02 min Scan# 1782

Delta R.T. 0.24 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

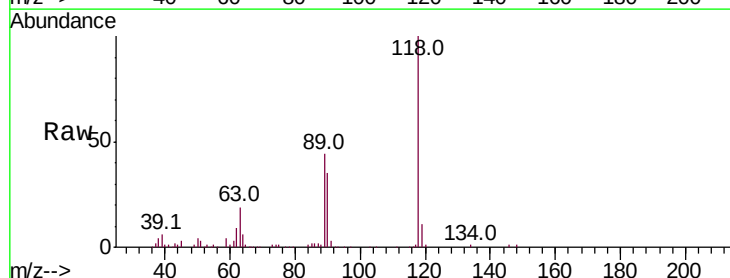
Tgt Ion: 119 Resp: 5402

Ion Ratio Lower Upper

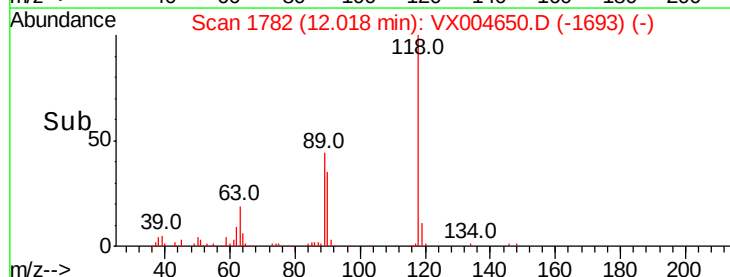
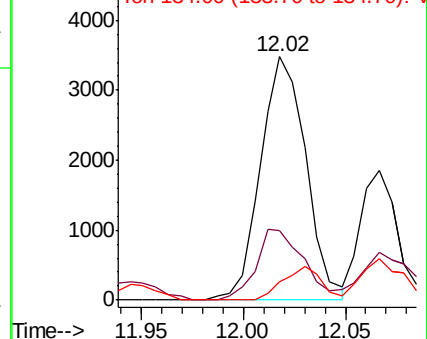
119 100

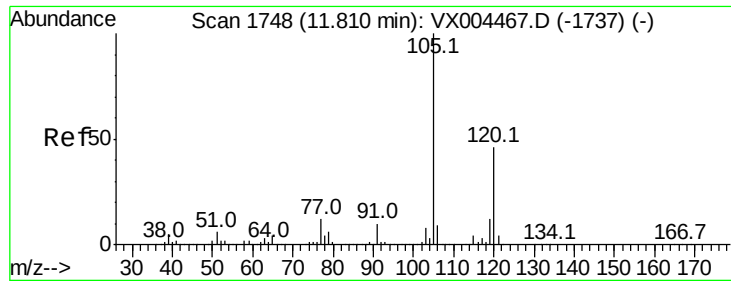
91 29.8 27.0 81.0

134 11.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

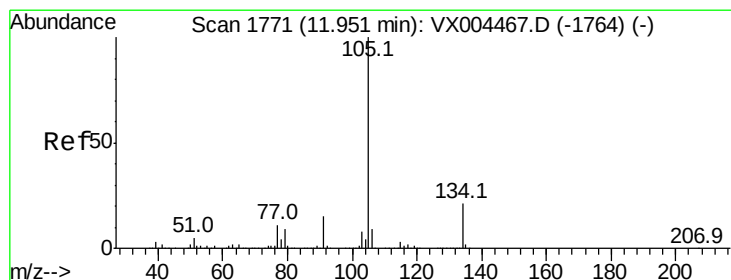
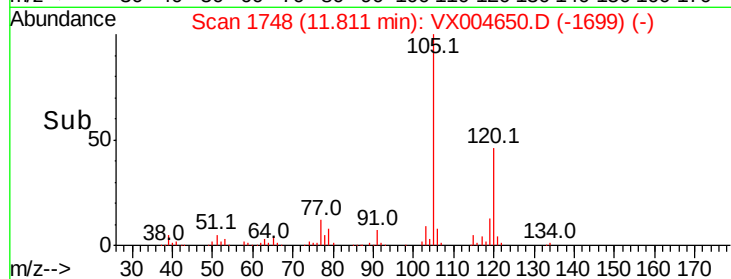
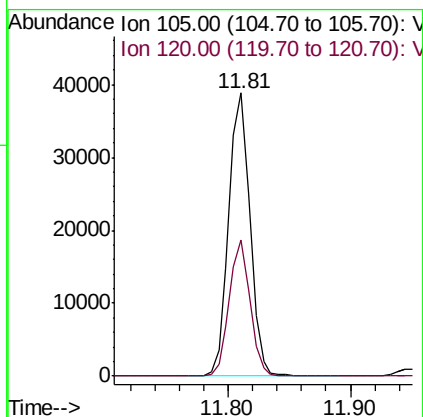
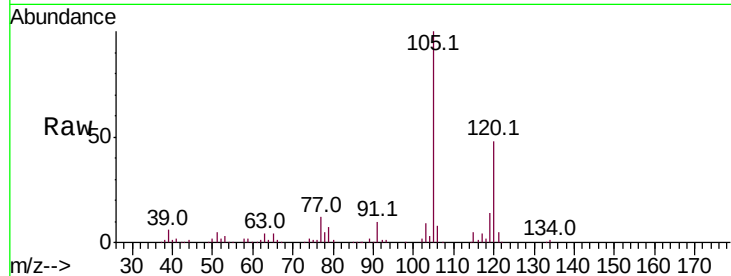




#84
 1,2,4-Trimethylbenzene
 Concen: 4.769 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

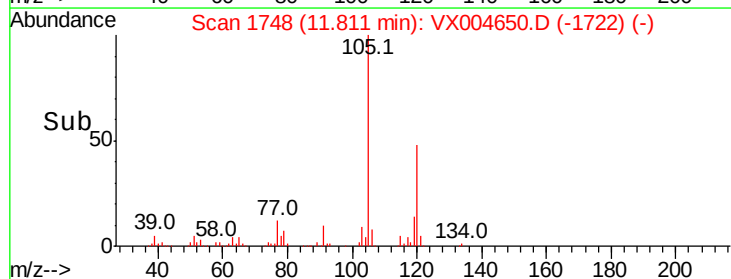
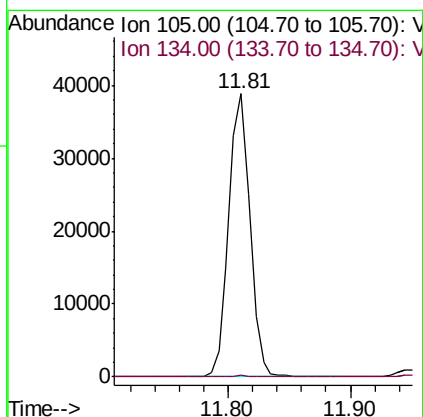
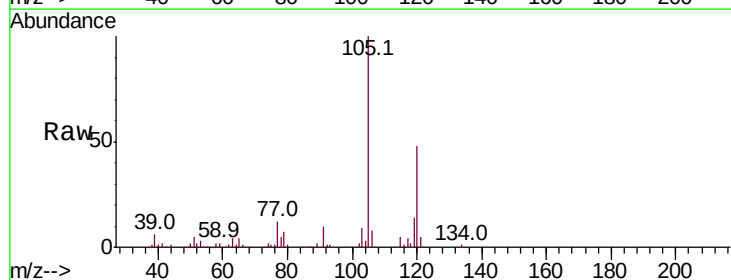
Instrument :
 MSVOA_X
 ClientSampled :

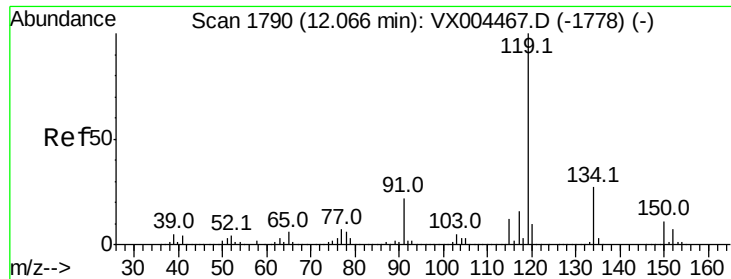
Tot Ion:105 Resp: 46755
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 4.013 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

Tgt Ion:105 Resp: 46755
 Ion Ratio Lower Upper
 105 100
 134 0.3 10.5 31.5#

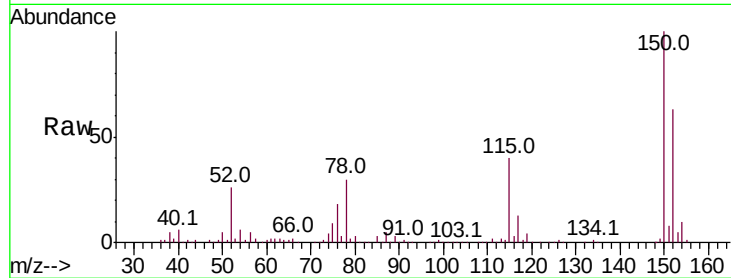




#86
 p-Isopropyltoluene
 Concen: 0.225 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	36.1	13.4	40.2
91	52.7	10.9	32.7

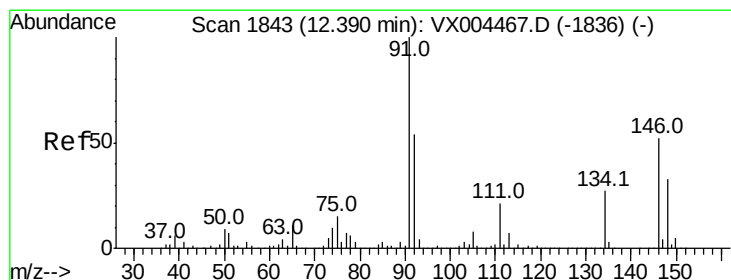
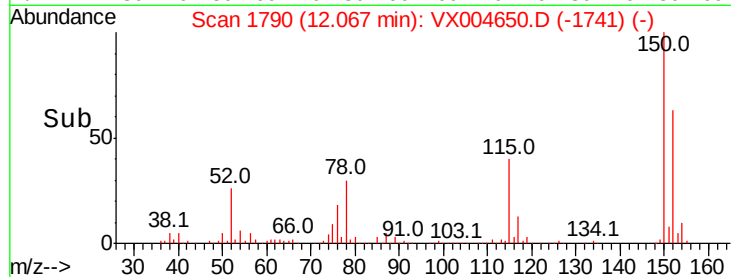
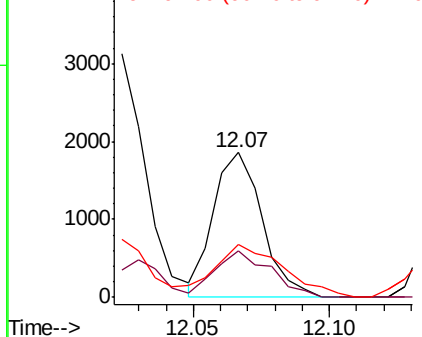


Abundance

Ion 119.00 (118.70 to 119.70): V

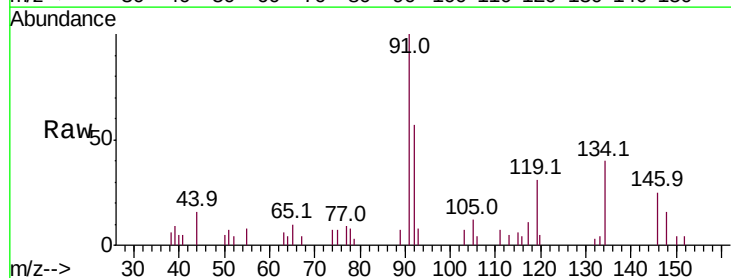
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89
 n-Butylbenzene
 Concen: 0.332 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	39.8	27.3	81.9
134	65.1	13.6	40.7

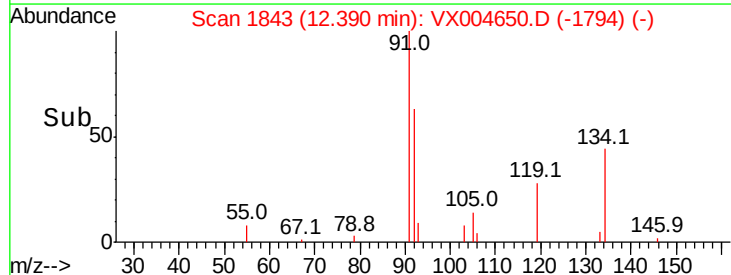
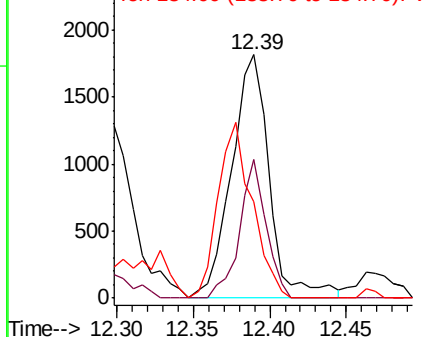


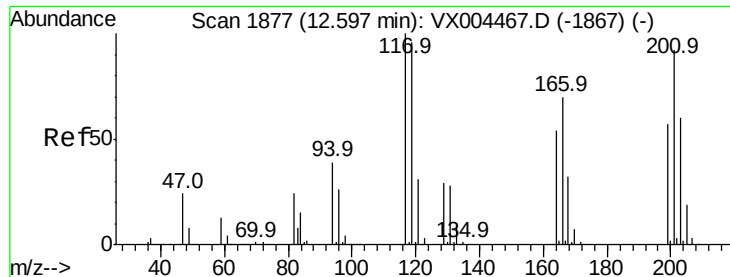
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.545 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

Instrument :

MSVOA_X

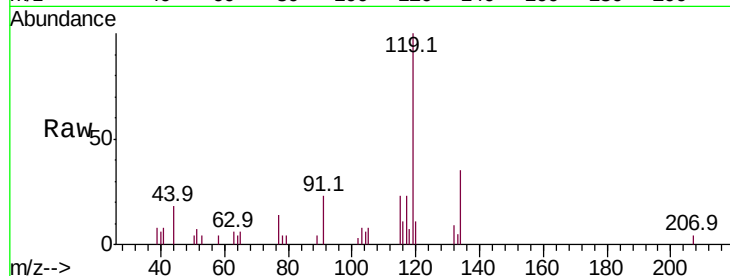
ClientSampled :

Tot Ion:117 Resp: 897

Ion Ratio Lower Upper

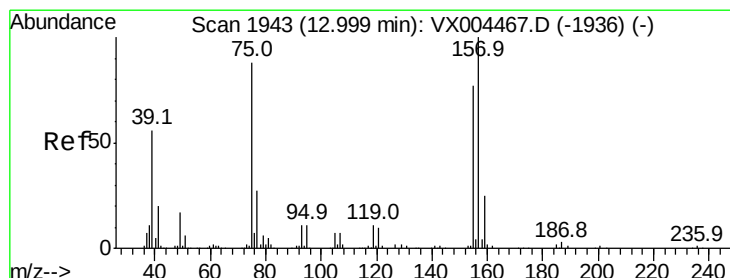
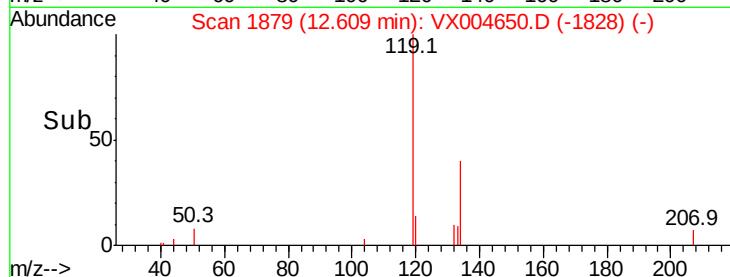
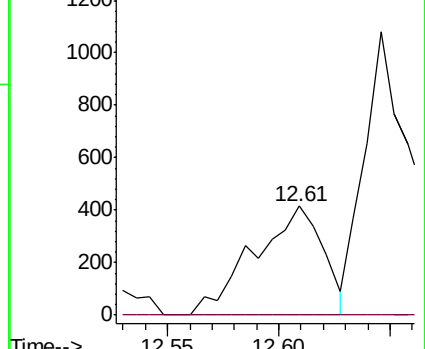
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.960 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX004650.D

Acq: 18 Sep 2018 11:49

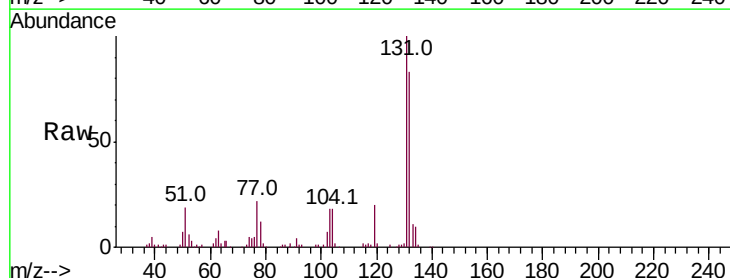
Tgt Ion: 75 Resp: 1542

Ion Ratio Lower Upper

75 100

155 0.0 48.0 144.2#

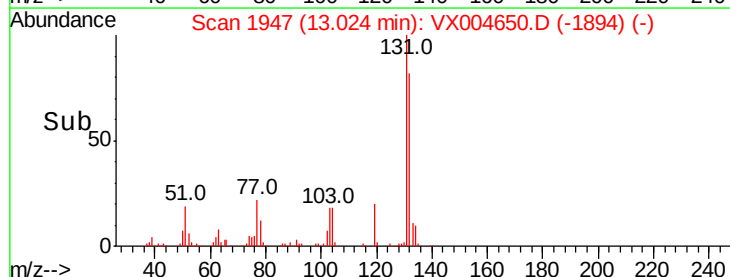
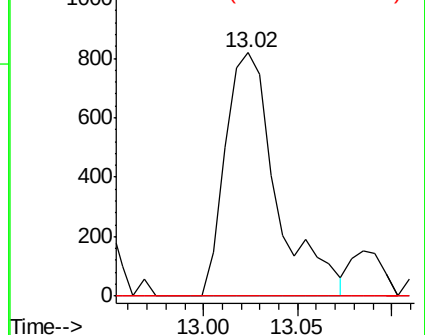
157 0.0 61.4 184.1#

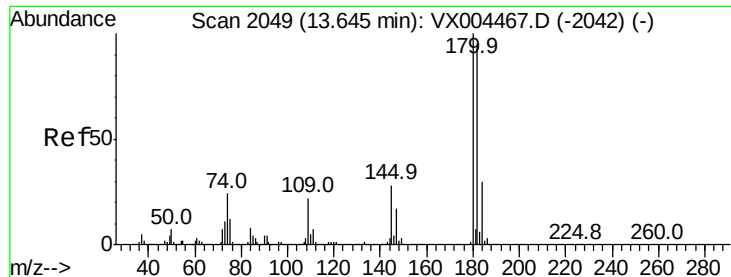


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

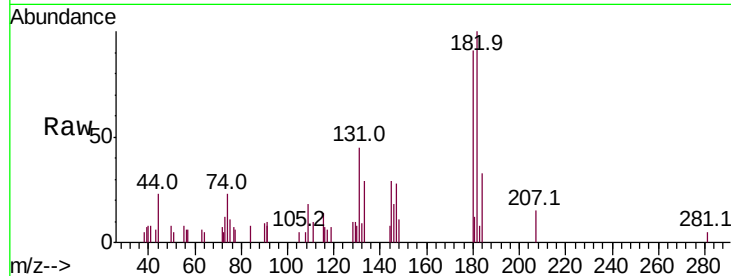




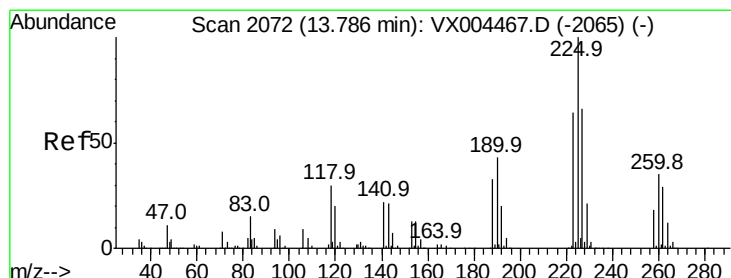
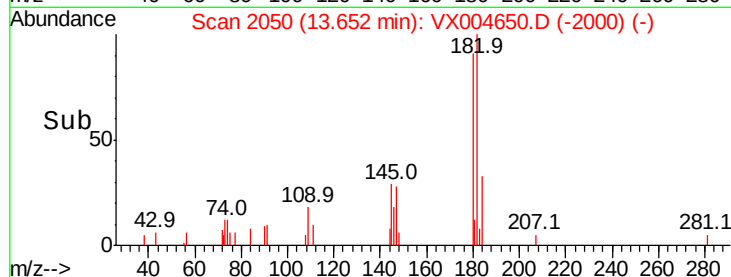
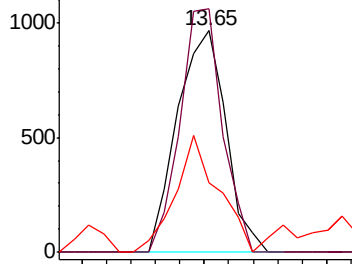
#93
 1,2,4-Trichlorobenzene
 Concen: 0.317 ug/l
 RT: 13.65 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 1337
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.4 145.0
 145 46.4 14.3 42.9#

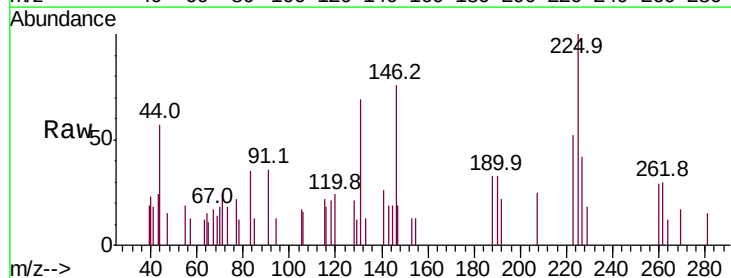


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

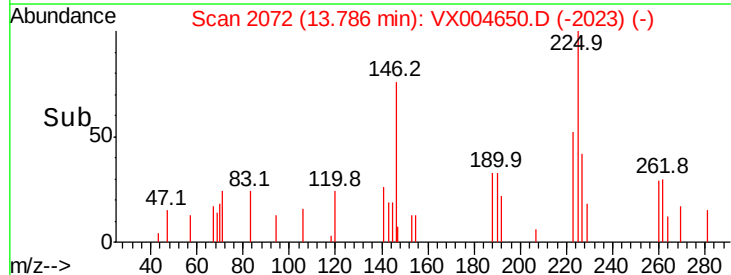
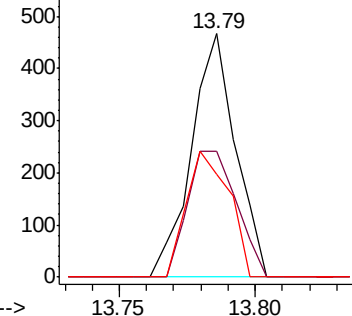


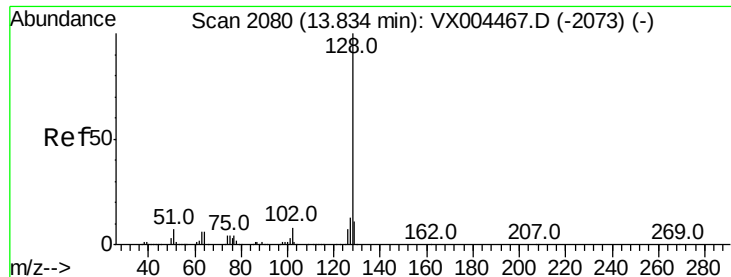
#94
 Hexachlorobutadiene
 Concen: 0.238 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004650.D
 Acq: 18 Sep 2018 11:49

Tgt Ion:225 Resp: 525
 Ion Ratio Lower Upper
 225 100
 223 57.5 30.1 90.5
 227 49.7 30.8 92.4



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

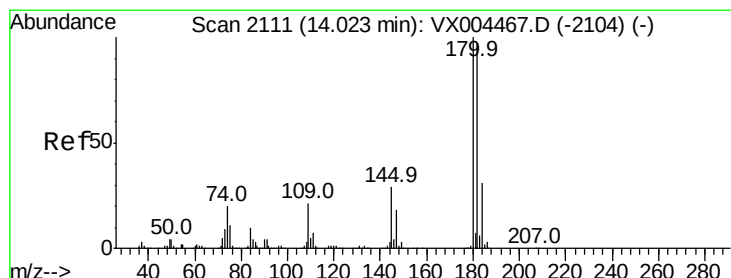
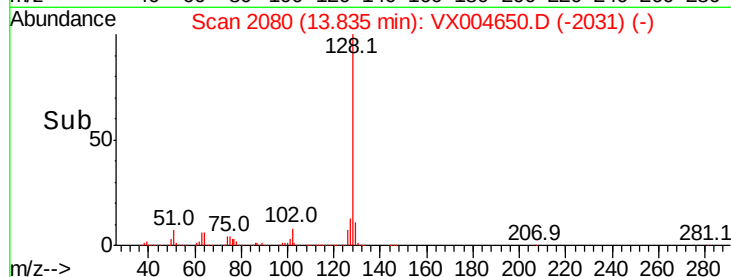
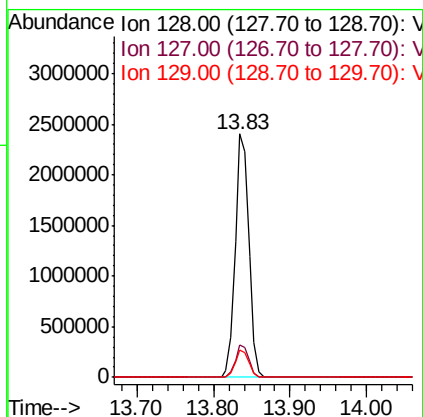
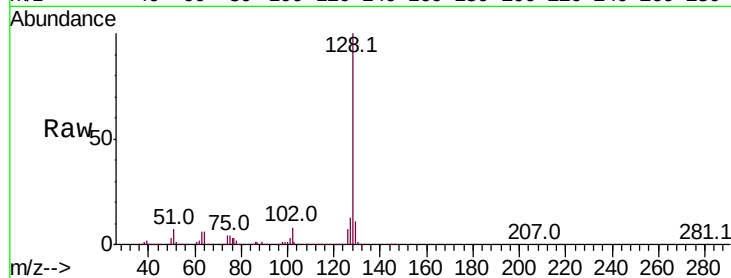




#95
Naphthalene
Concen: 249.363 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004650.D
Acq: 18 Sep 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 2952843
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.263 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004650.D
Acq: 18 Sep 2018 11:49

Tgt Ion:180 Resp: 1140
Ion Ratio Lower Upper
180 100
182 98.2 48.5 145.6
145 116.3 14.9 44.9#

