

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009867.D
 Acq On : 23 May 2019 18:38
 Operator : JC/SP
 Sample : K2976-20 10X
 Misc : 5.74g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 24 03:53:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111097	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	116775	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	5.50	113	83247	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	354301	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	144756	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	774	0.615	ug/l #	75
10) Methyl Iodide	2.51	142	93	4.639	ug/l #	42
11) Tert butyl alcohol	3.02	59	7043	13.051	ug/l #	75
13) Acrolein	2.29	56	156	0.319	ug/l #	1
16) Acetone	2.45	43	1128	0.901	ug/l	92
18) Methyl Acetate	2.78	43	715	0.240	ug/l #	63
28) Bromochloromethane	5.02	49	20	Below Cal	#	20
31) Cyclohexane	5.66	56	4584	1.330	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13935	5.460	ug/l #	42
38) Carbon Tetrachloride	5.66	117	16359	7.055	ug/l #	14
39) Methylcyclohexane	7.46	83	1544	0.493	ug/l #	75
51) 4-Methyl-2-Pentanone	8.67	43	1625	0.437	ug/l #	58
55) 1,1,2-Trichloroethane	9.16	97	8539	4.359	ug/l #	20
56) Ethyl methacrylate	9.16	69	2168	0.620	ug/l #	1
59) 2-Hexanone	9.45	43	46867	16.051	ug/l #	31
68) m/p-Xylenes	10.36	106	2254	0.672	ug/l #	1
73) Isopropylbenzene	11.02	105	158082	19.567	ug/l	99
74) N-amyl acetate	10.91	43	462372	98.167	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	177538	58.950	ug/l #	25
76) 1,2,3-Trichloropropane	11.36	75	1966	0.763	ug/l #	1
77) Bromobenzene	11.31	156	854	0.426	ug/l #	1
78) n-propylbenzene	11.36	91	278159	30.148	ug/l	98
79) 2-Chlorotoluene	11.45	91	8870	1.558	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	6266	0.921	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.13	75	62589	62.142	ug/l #	10
82) 4-Chlorotoluene	11.45	91	8870	1.379	ug/l	90
83) tert-Butylbenzene	11.77	119	33626	5.081	ug/l	84
84) 1,2,4-Trimethylbenzene	11.80	105	153272	22.448	ug/l	99
85) sec-Butylbenzene	11.94	105	249969	31.862	ug/l	97
86) p-Isopropyltoluene	12.23	119	60314	8.552	ug/l	93
89) n-Butylbenzene	12.38	91	151087	23.701	ug/l #	83
90) Hexachloroethane	12.66	117	29506	24.556	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.97	75	1559	2.308	ug/l #	6

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

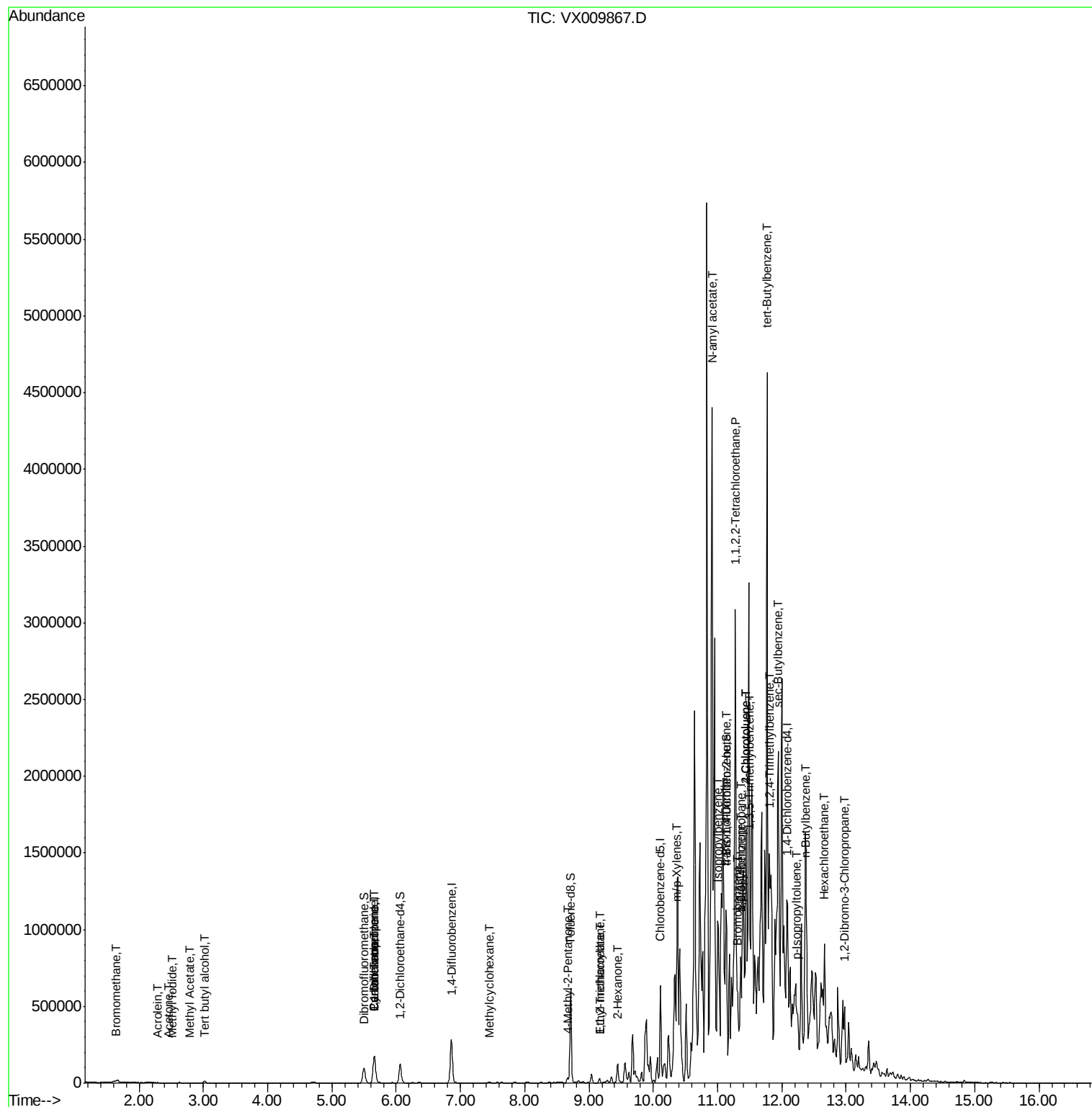
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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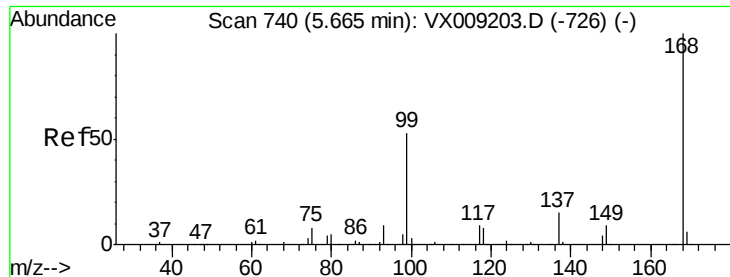
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

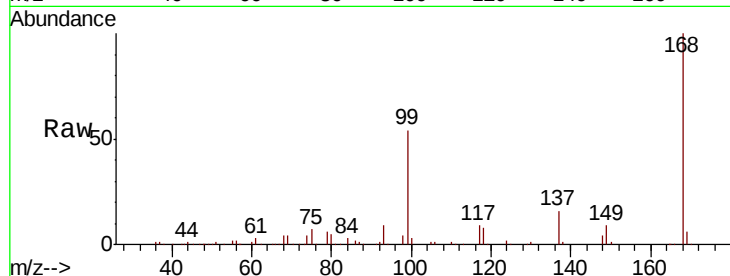
ClientSampleId :

Tot Ion:168 Resp: 170779

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

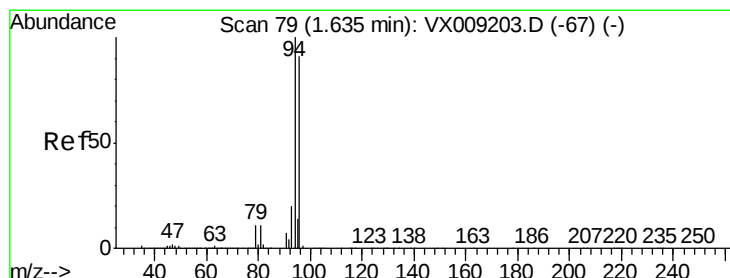
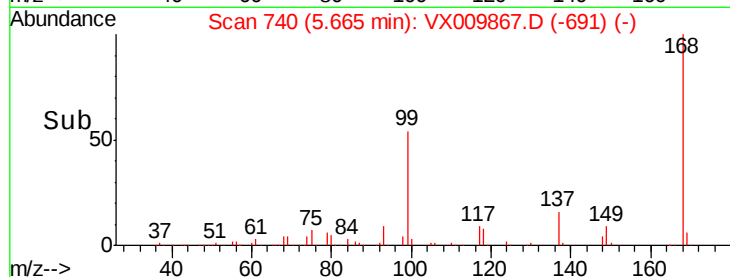
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.615 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX009867.D

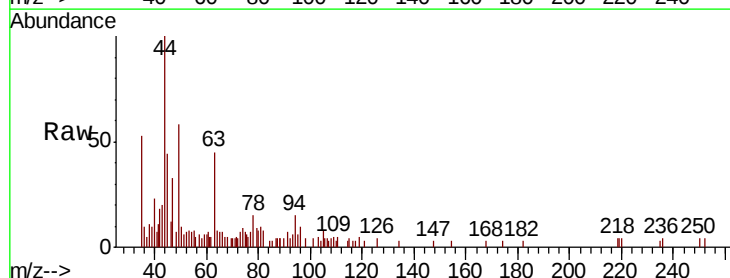
Acq: 23 May 2019 18:38

Tgt Ion: 94 Resp: 774

Ion Ratio Lower Upper

94 100

96 67.5 73.0 109.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

250

200

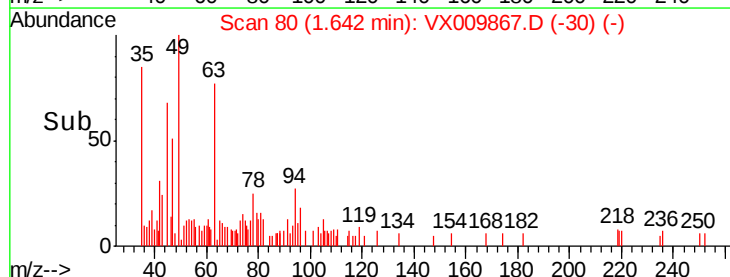
150

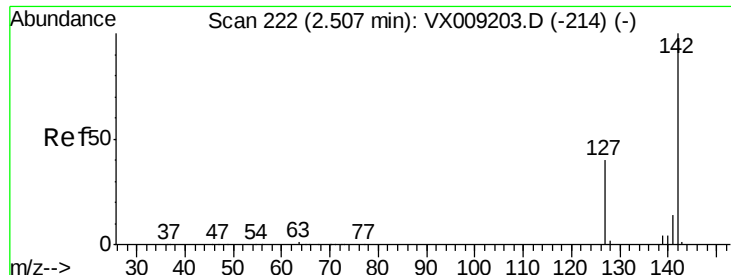
100

50

0

Time--> 1.60 1.65 1.70

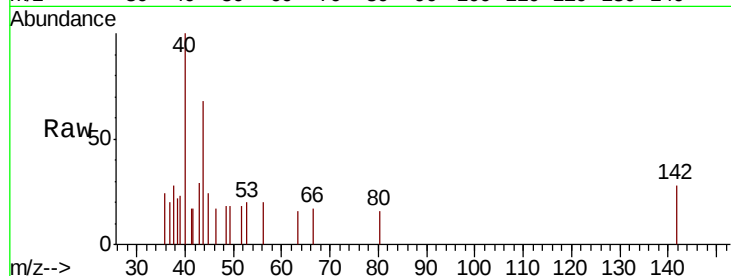




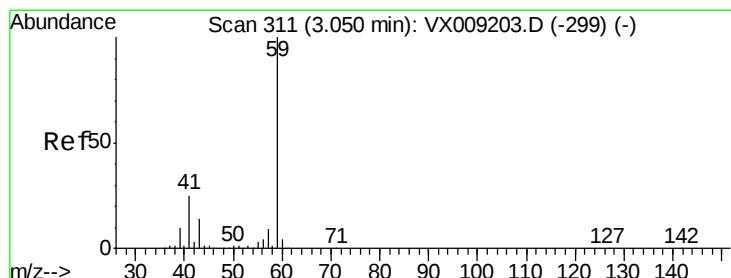
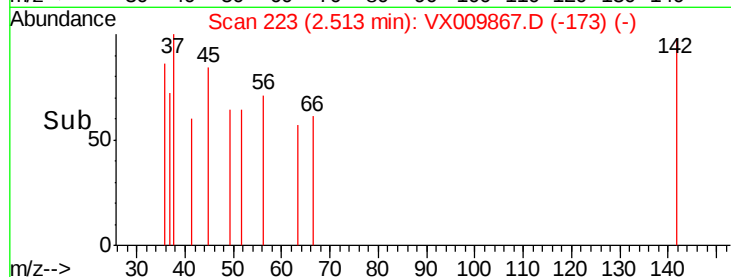
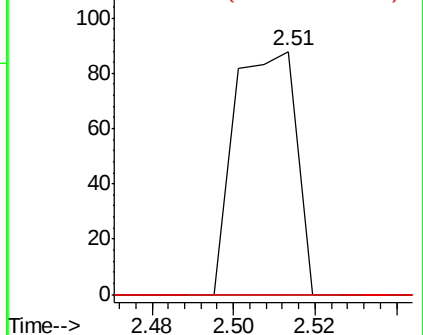
#10
Methvl Iodide
Concen: 4.639 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 93
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.5 17.3#

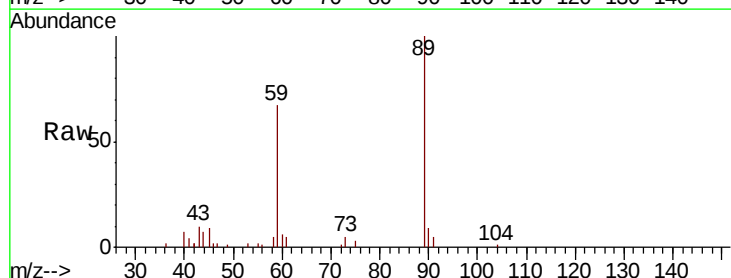


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

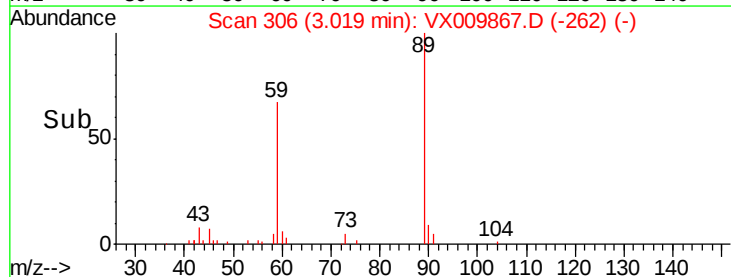
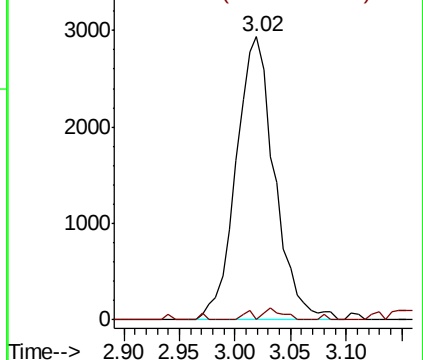


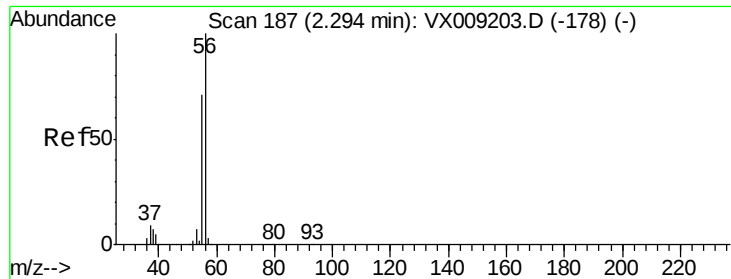
#11
Tert butyl alcohol
Concen: 13.051 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

Tgt Ion: 59 Resp: 7043
Ion Ratio Lower Upper
59 100
57 0.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.319 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

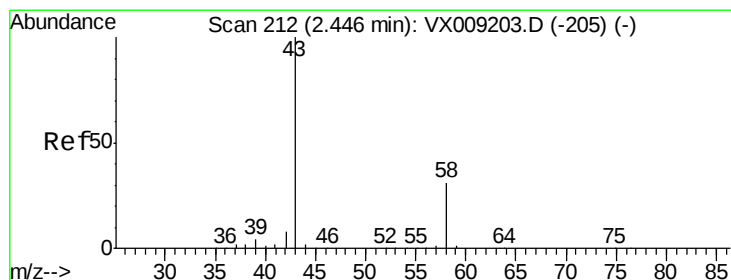
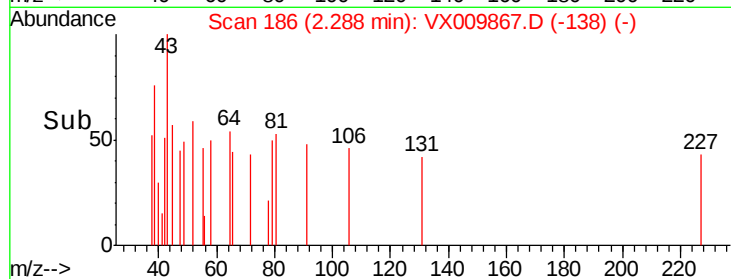
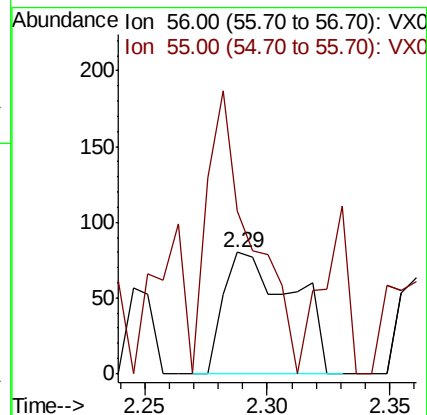
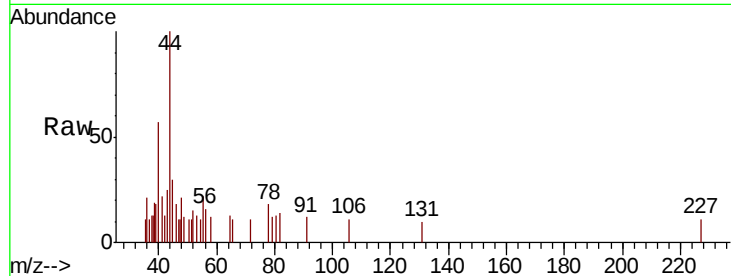
ClientSampleId :

Tot Ion: 56 Resp: 156

Ion Ratio Lower Upper

56 100

55 203.8 56.6 85.0#



#16

Acetone

Concen: 0.901 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009867.D

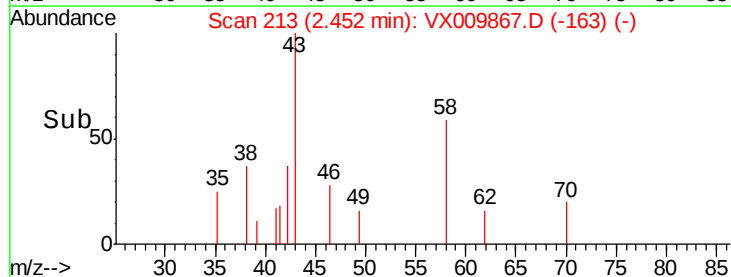
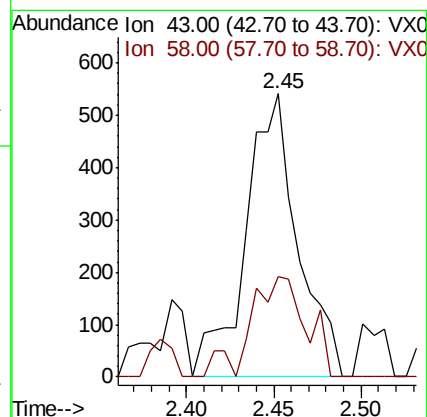
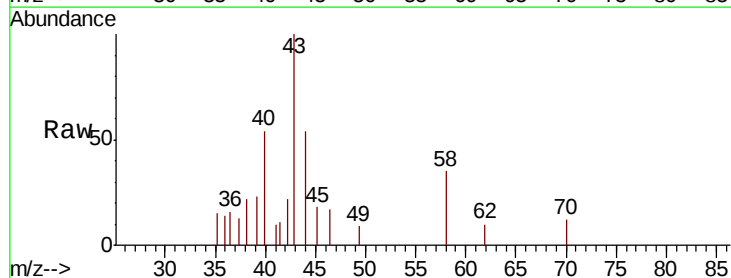
Acq: 23 May 2019 18:38

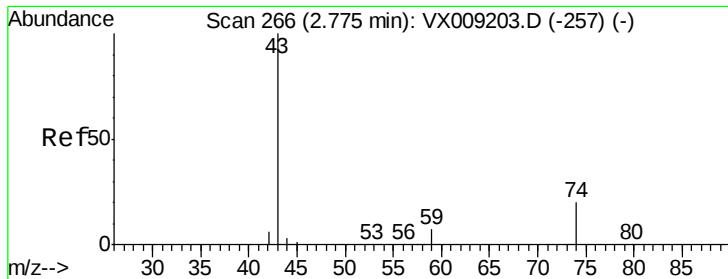
Tgt Ion: 43 Resp: 1128

Ion Ratio Lower Upper

43 100

58 35.5 24.9 37.3

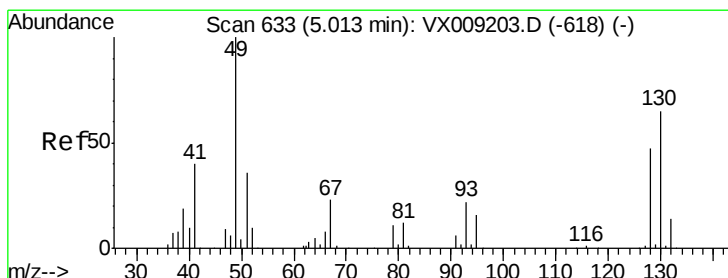
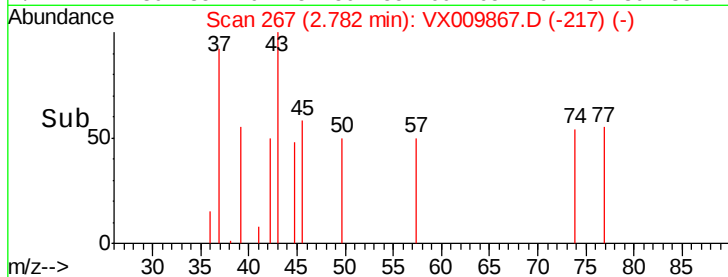
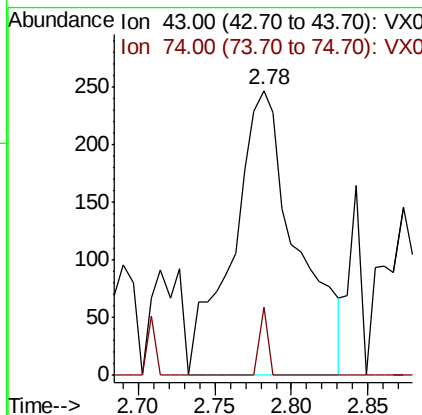
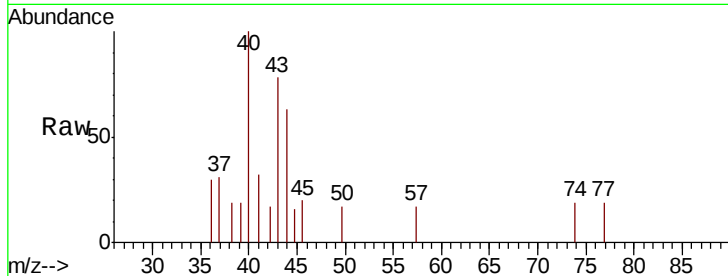




#18
Methyl Acetate
Concen: 0.240 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

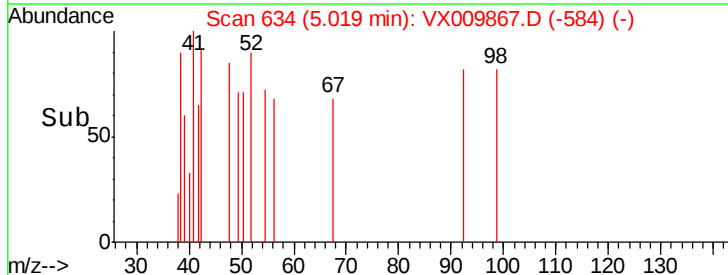
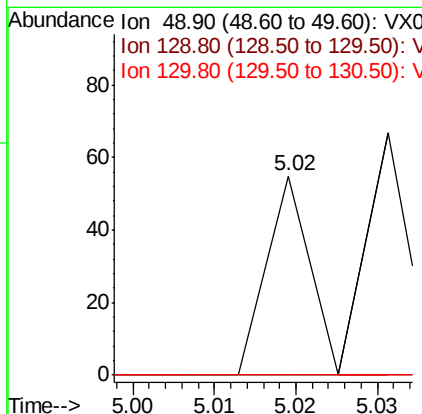
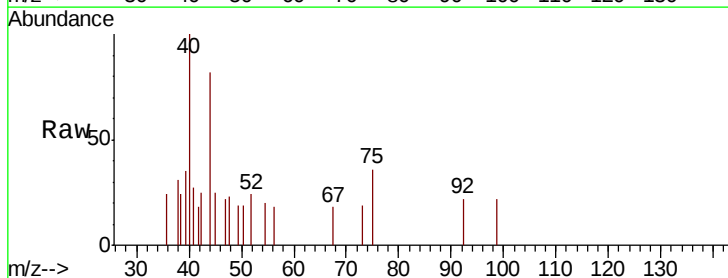
Instrument :
MSVOA_X
ClientSampleId :

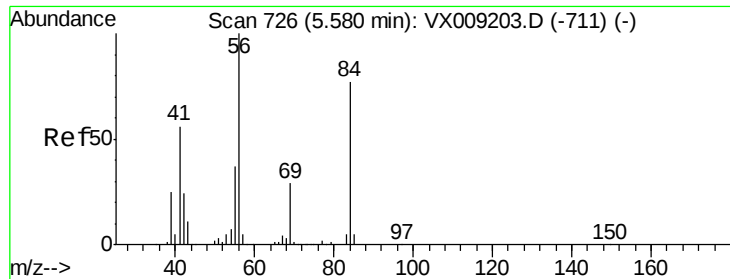
Tot Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
74 3.1 16.2 24.4#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

Tgt Ion: 49 Resp: 20
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 51.2 76.8#

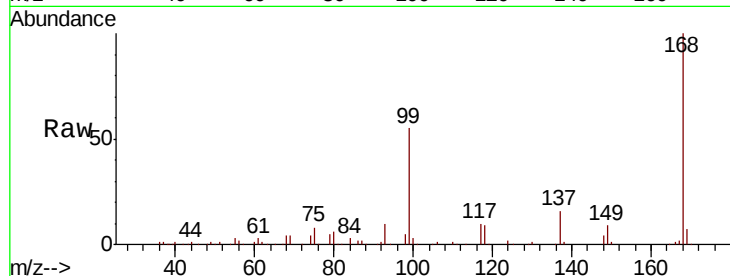




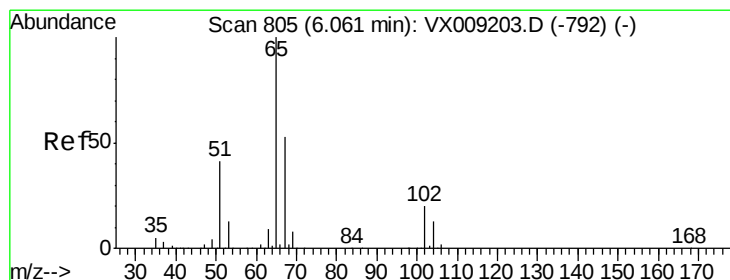
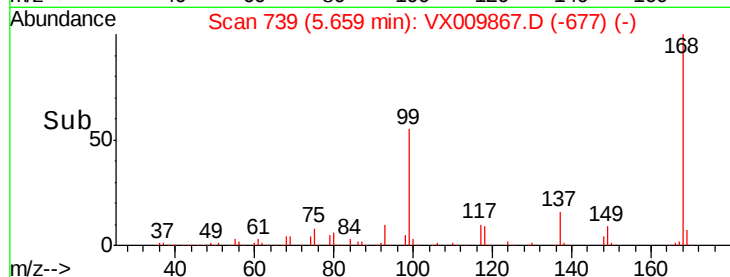
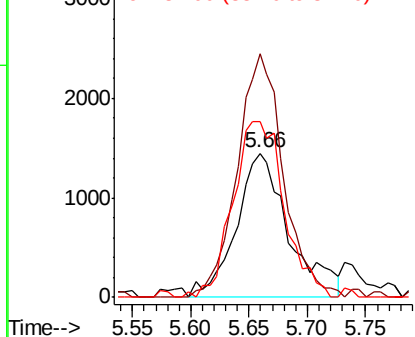
#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4584
Ion Ratio Lower Upper
56 100
69 168.7 23.4 35.0#
84 122.0 61.9 92.9#

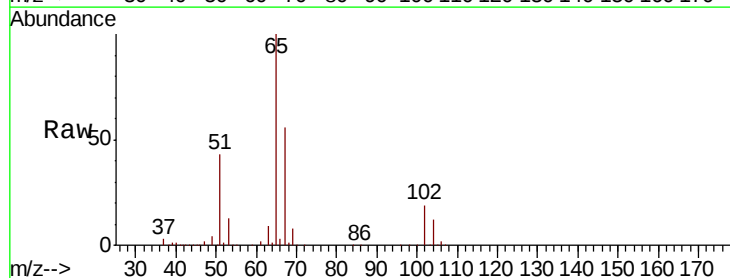


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

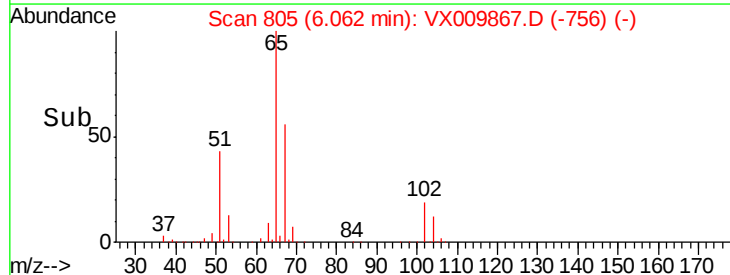
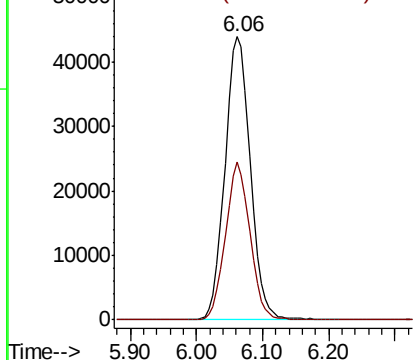


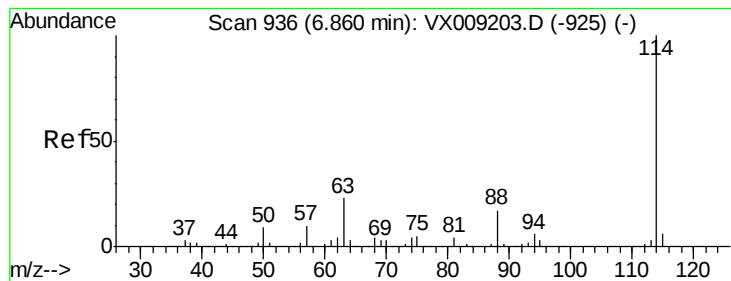
#33
1,2-Dichloroethane-d4
Concen: 50.089 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

Tgt Ion: 65 Resp: 116775
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6



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: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

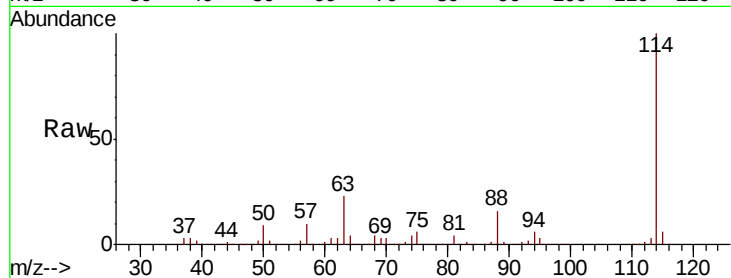
Tot Ion:114 Resp: 274635

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

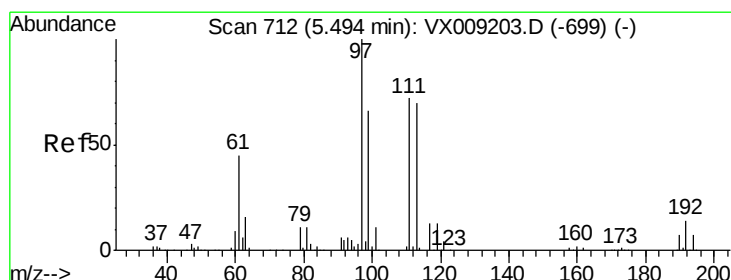
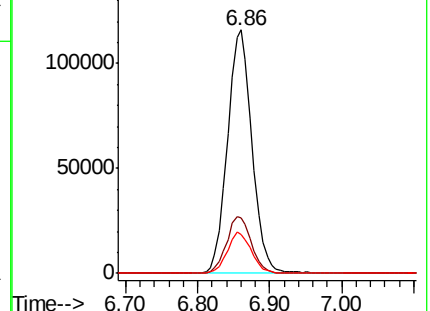
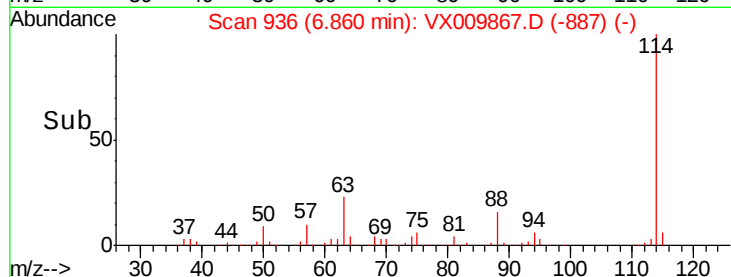
88 16.0 0.0 33.2



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: 48.218 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

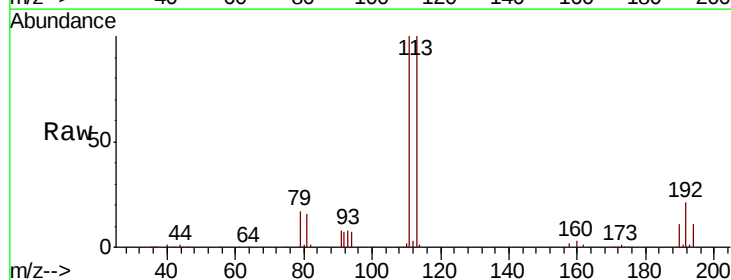
Tgt Ion:113 Resp: 83247

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

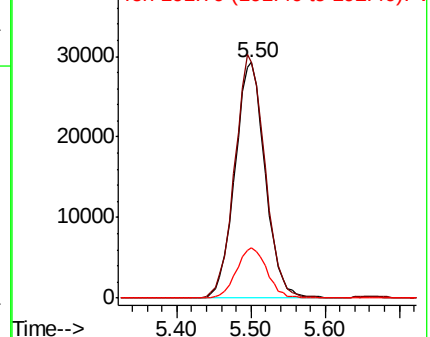
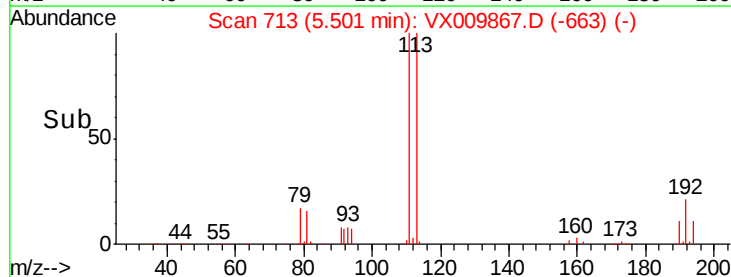
192 21.4 17.0 25.6

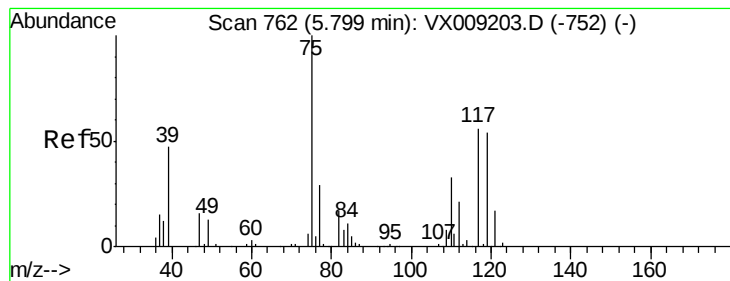


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.460 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

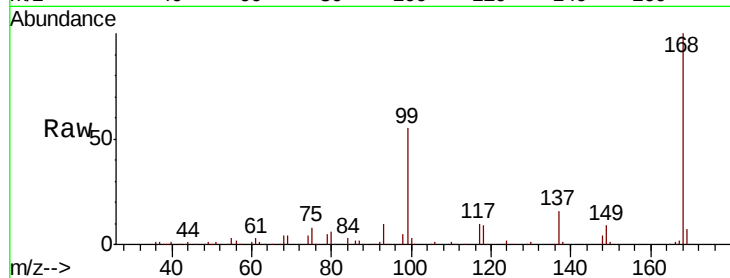
Tot Ion: 75 Resp: 13935

Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.6#

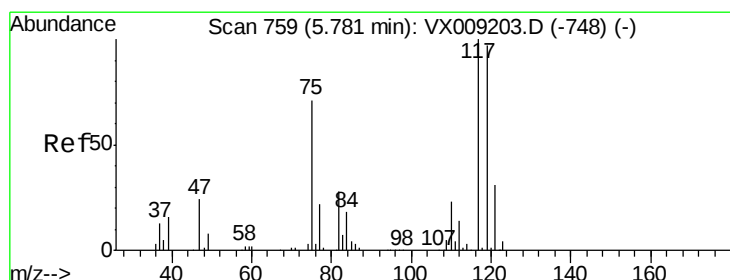
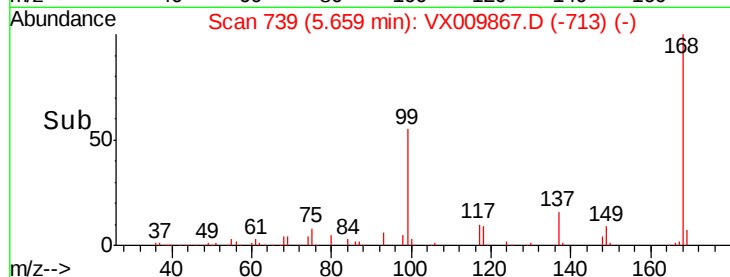
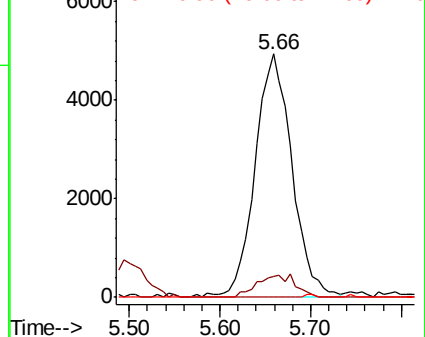
77 0.0 24.8 37.2#



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: 7.055 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

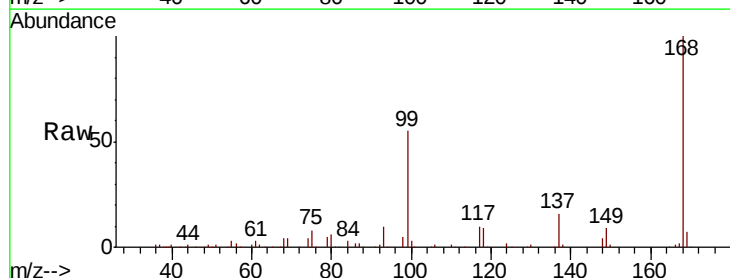
Tgt Ion:117 Resp: 16359

Ion Ratio Lower Upper

117 100

119 3.7 77.5 116.3#

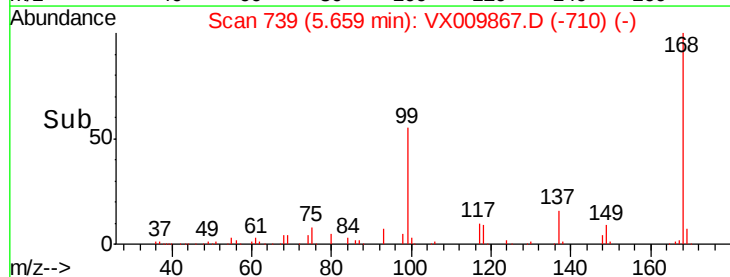
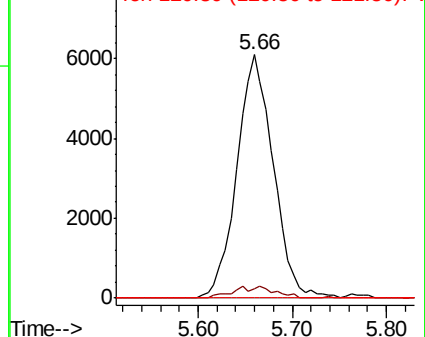
121 0.0 24.7 37.1#

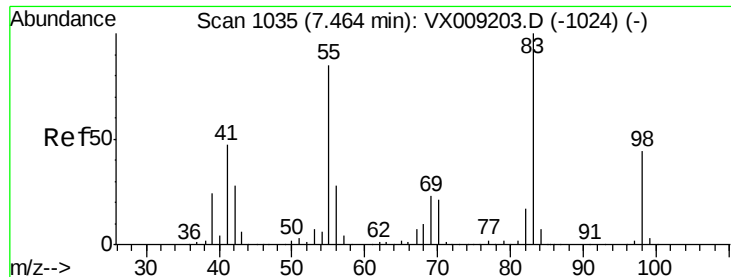


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

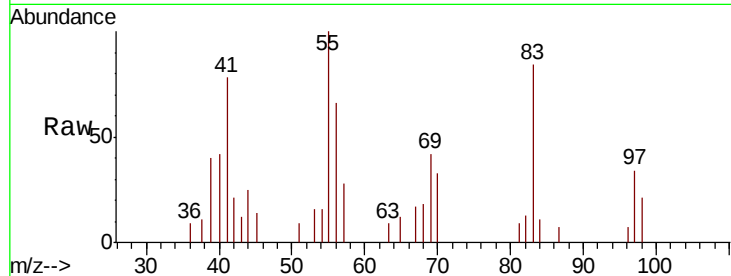




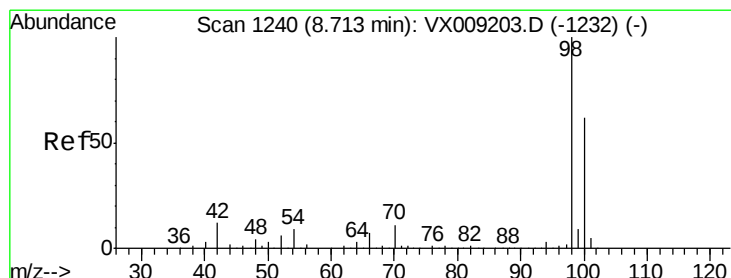
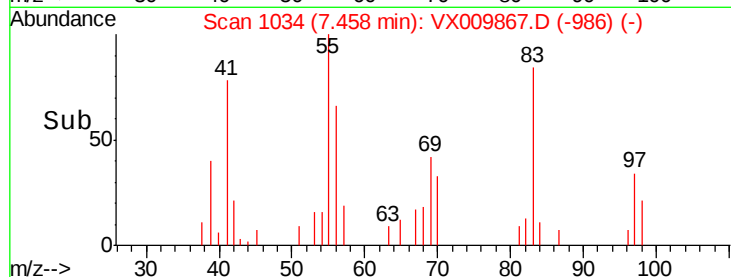
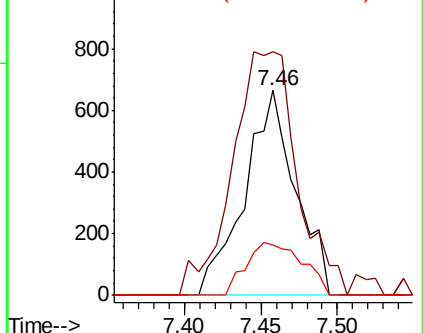
#39
Methylcyclohexane
Concen: 0.493 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 1544
Ion Ratio Lower Upper
83 100
55 104.2 67.7 101.5#
98 24.7 35.5 53.3#

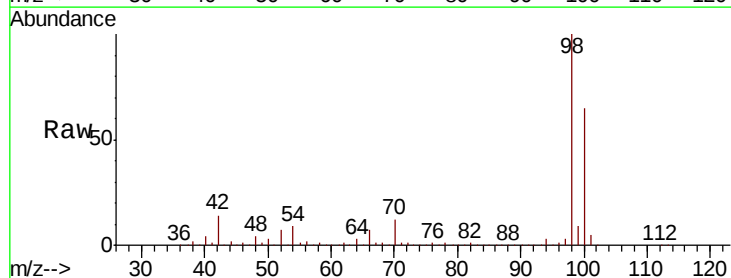


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

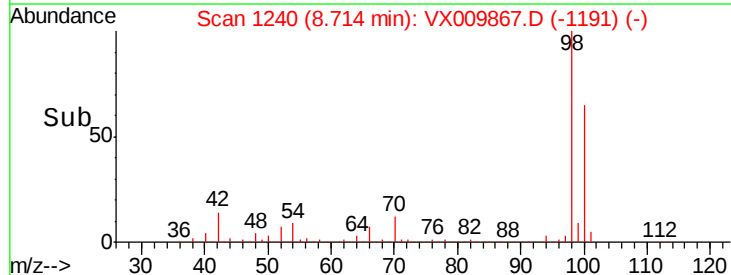
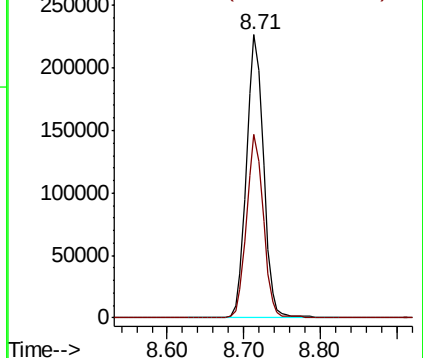


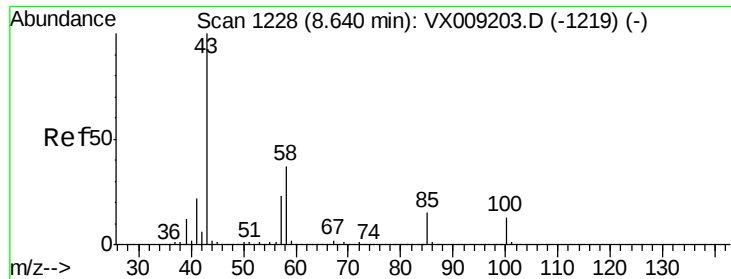
#50
Toluene-d8
Concen: 50.831 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

Tgt Ion: 98 Resp: 354301
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



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

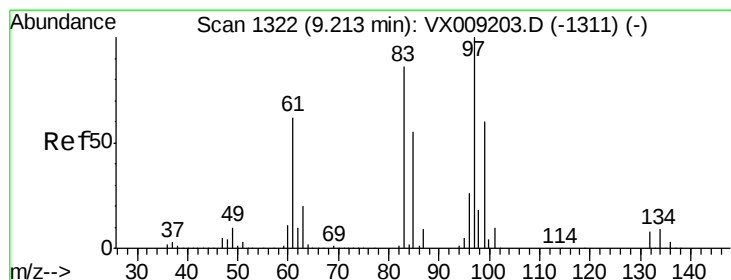
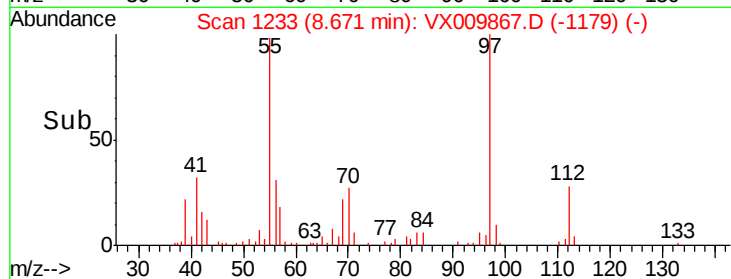
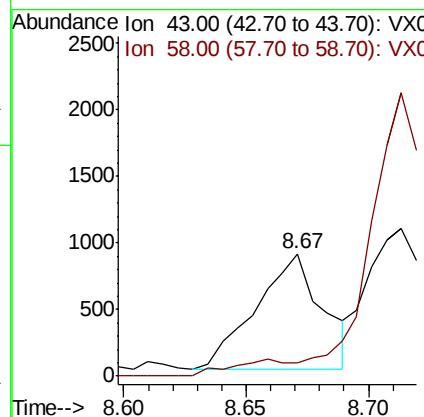
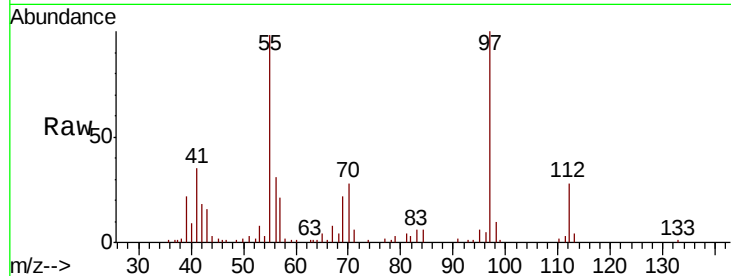




#51
 4-Methyl-2-Pentanone
 Concen: 0.437 ug/l
 RT: 8.67 min Scan# 1233
 Delta R.T. 0.03 min
 Lab File: VX009867.D
 Acq: 23 May 2019 18:38

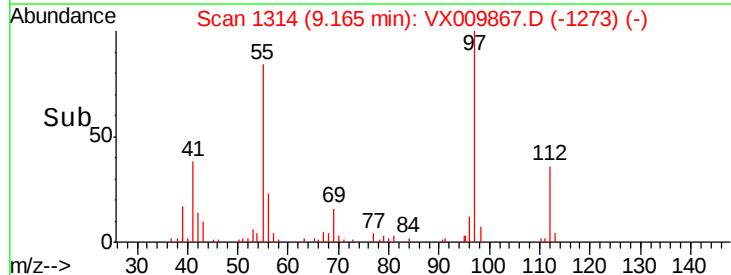
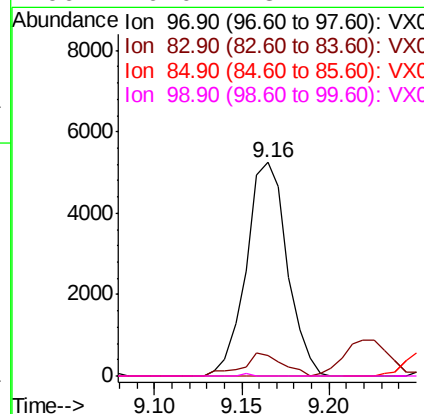
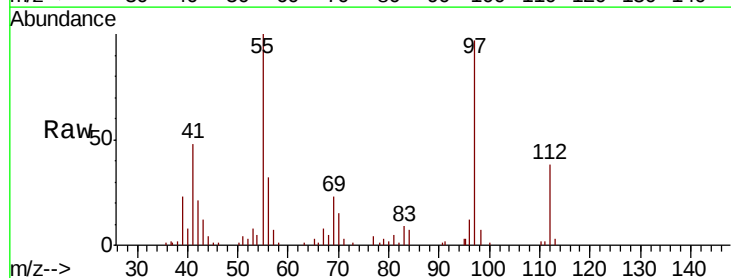
Instrument :
 MSVOA_X
 ClientSampled :

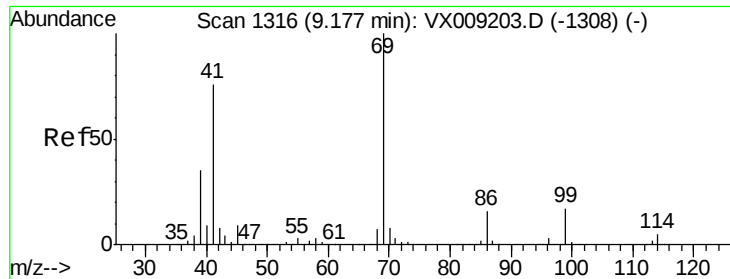
Tot Ion: 43 Resp: 1625
 Ion Ratio Lower Upper
 43 100
 58 11.8 29.5 44.3#



#55
 1,1,2-Trichloroethane
 Concen: 4.359 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX009867.D
 Acq: 23 May 2019 18:38

Tgt Ion: 97 Resp: 8539
 Ion Ratio Lower Upper
 97 100
 83 9.8 68.9 103.3#
 85 0.0 43.8 65.6#
 99 0.0 48.2 72.2#





#56

Ethyl methacrylate

Concen: 0.620 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :
MSVOA_X
ClientSampled :

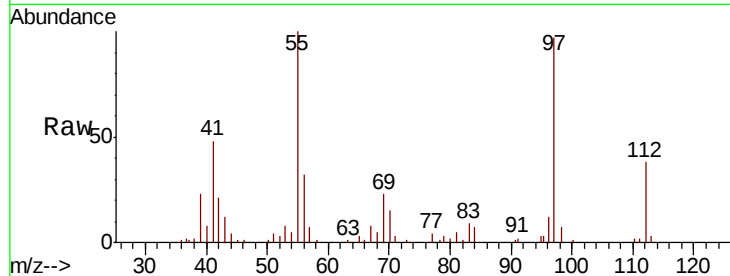
Tot Ion: 69 Resp: 2168

Ion Ratio Lower Upper

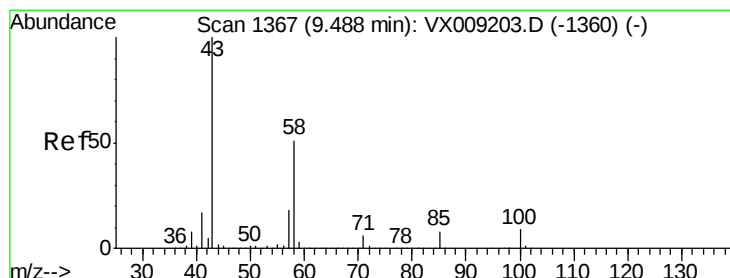
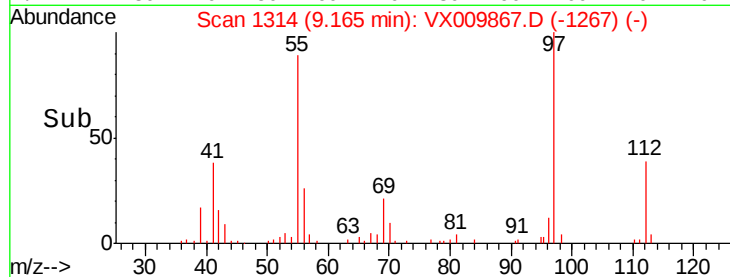
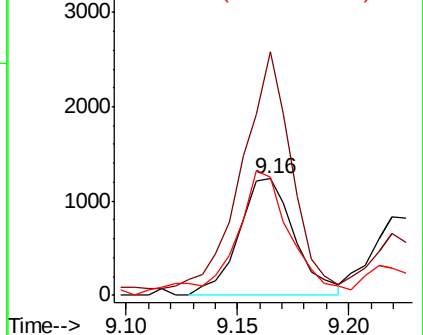
69 100

41 177.8 60.6 90.8#

39 107.3 28.2 42.4#



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



#59

2-Hexanone

Concen: 16.051 ug/l

RT: 9.45 min Scan# 1360

Delta R.T. -0.04 min

Lab File: VX009867.D

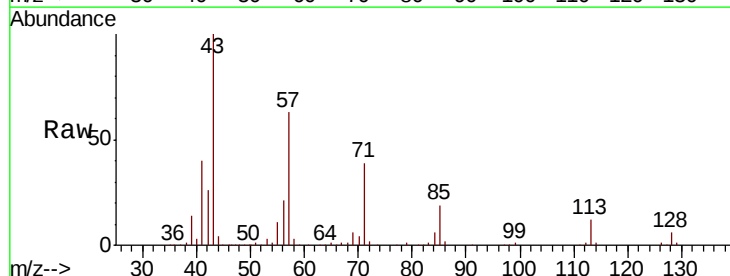
Acq: 23 May 2019 18:38

Tgt Ion: 43 Resp: 46867

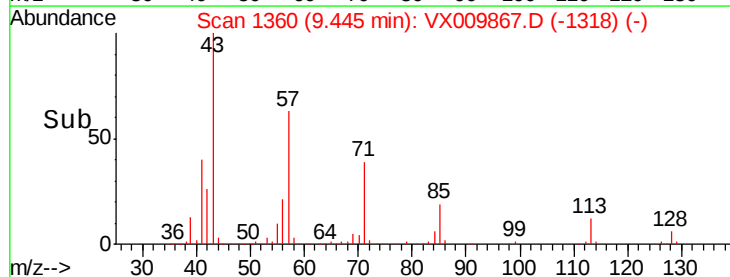
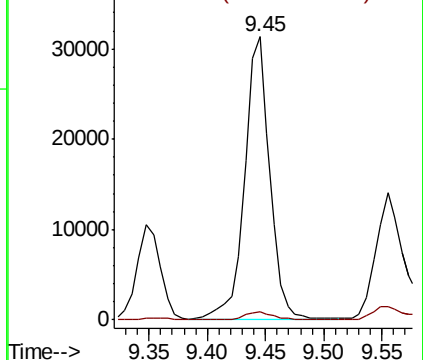
Ion Ratio Lower Upper

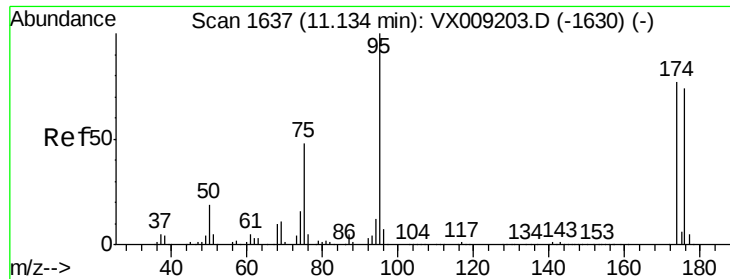
43 100

58 3.6 25.9 77.7#



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





#62

4-Bromofluorobenzene

Concen: 57.155 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

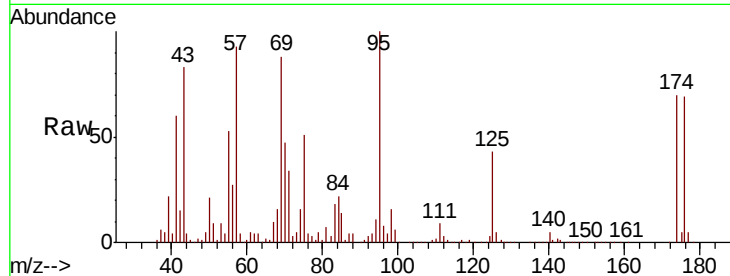
Tot Ion: 95 Resp: 144756

Ion Ratio Lower Upper

95 100

174 66.5 0.0 161.6

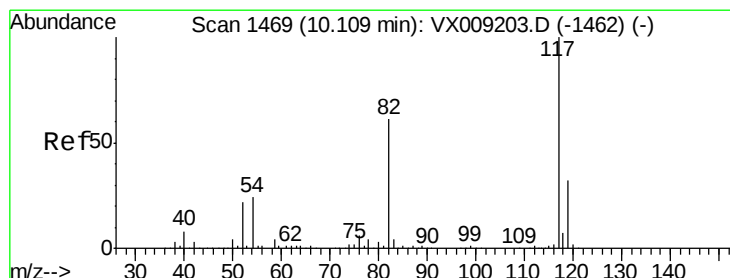
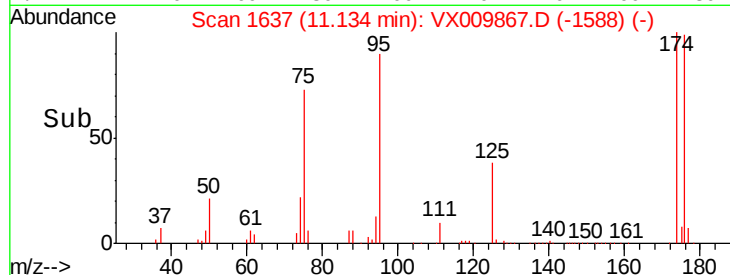
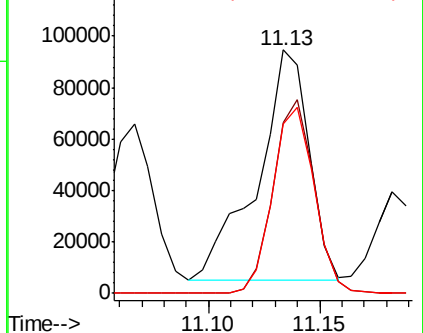
176 65.0 0.0 159.2



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: VX009867.D

Acq: 23 May 2019 18:38

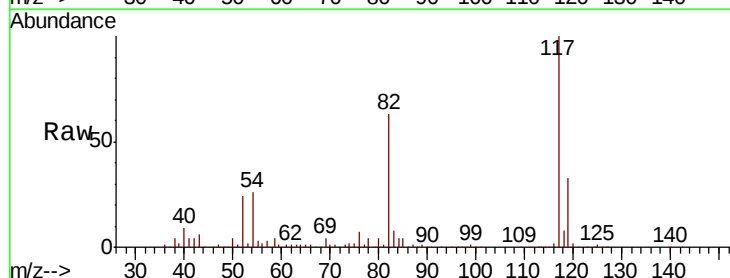
Tgt Ion: 117 Resp: 249349

Ion Ratio Lower Upper

117 100

82 62.3 48.8 73.2

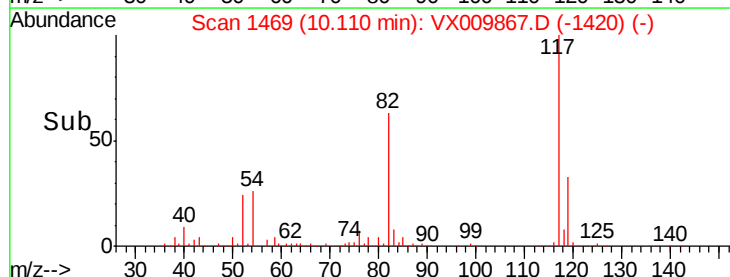
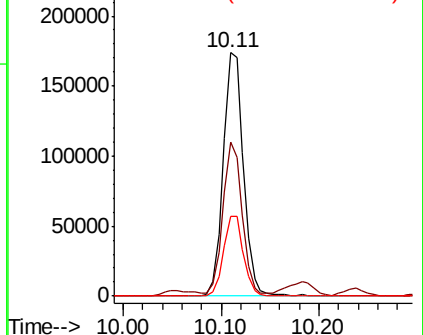
119 33.0 25.8 38.6

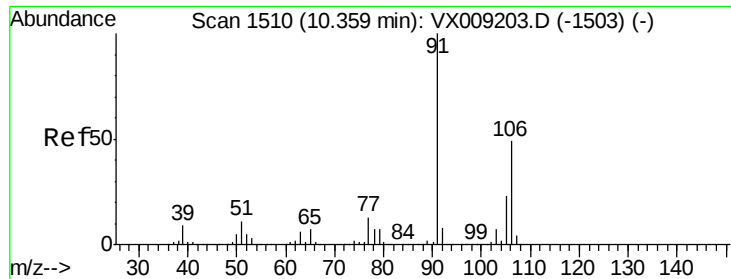


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

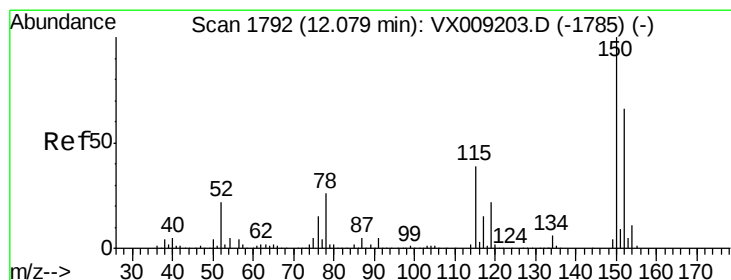
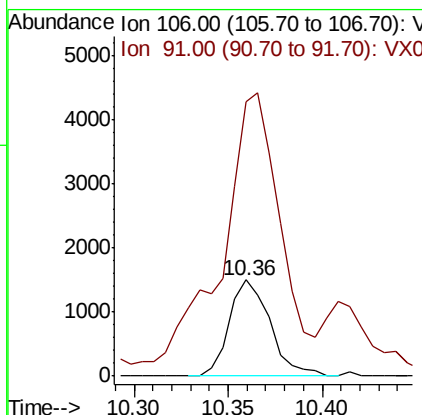
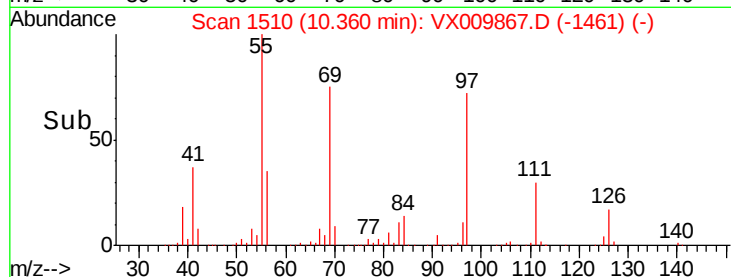
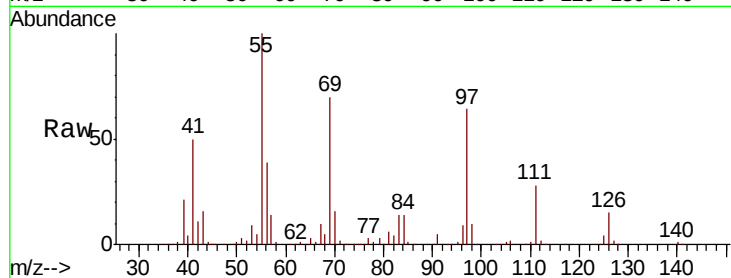




#68
m/p-Xvlenes
Concen: 0.672 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

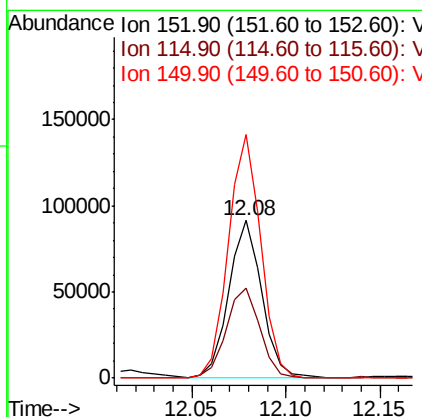
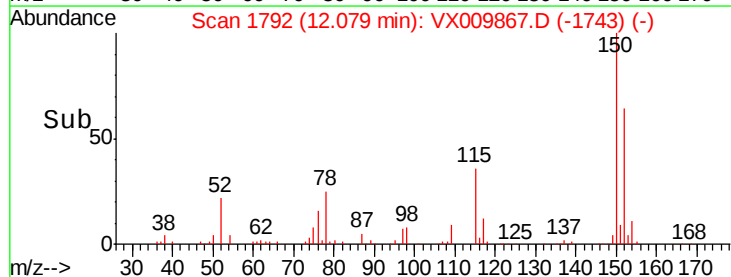
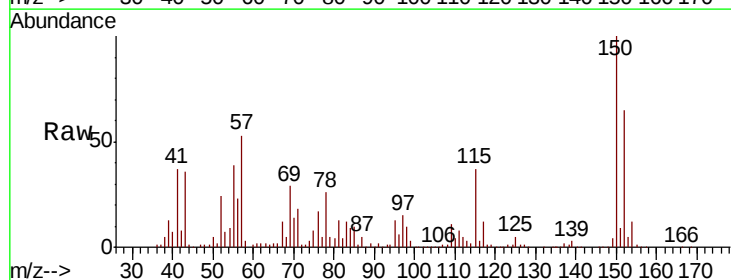
Instrument :
MSVOA_X
ClientSampled :

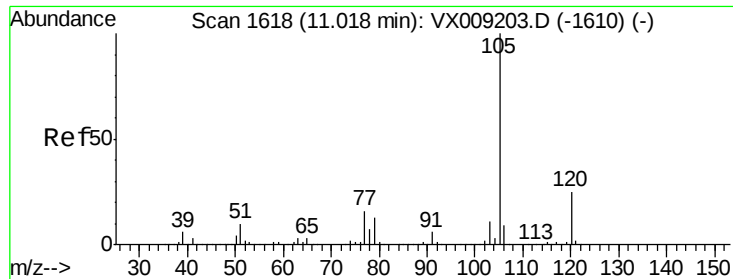
Tot Ion:106 Resp: 2254
Ion Ratio Lower Upper
106 100
91 419.4 164.0 246.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

Tgt Ion:152 Resp: 111097
Ion Ratio Lower Upper
152 100
115 57.4 41.2 123.6
150 151.5 0.0 346.4





#73

Isopropylbenzene

Concen: 19.567 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

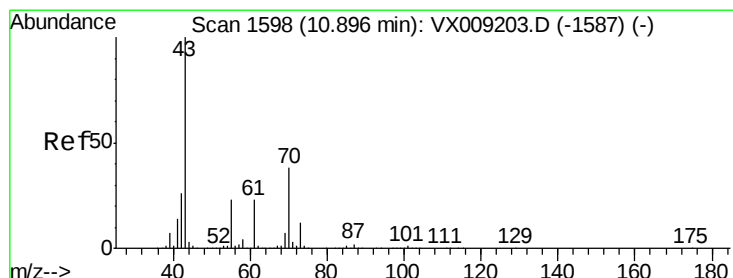
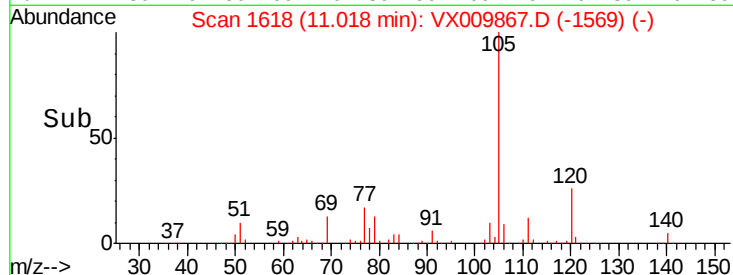
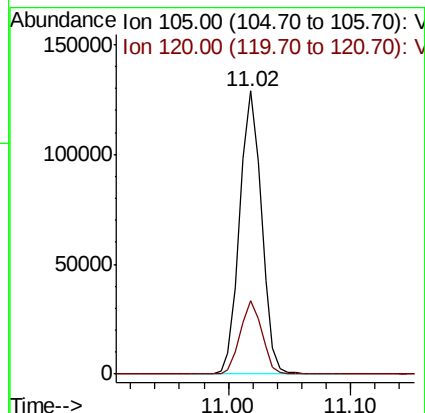
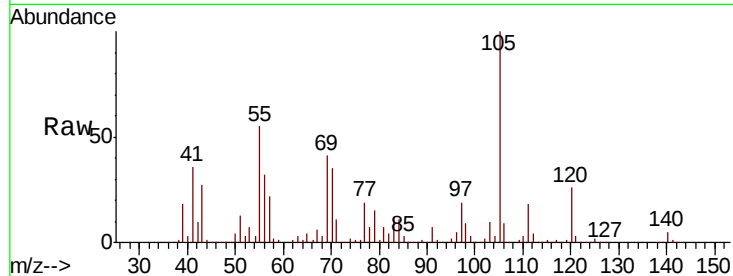
ClientSampled :

Tot Ion:105 Resp: 158082

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 98.167 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Tgt Ion: 43 Resp: 462372

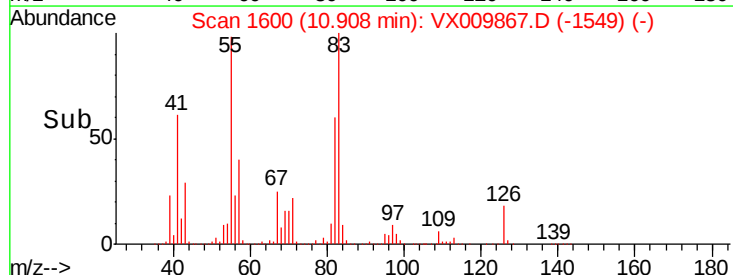
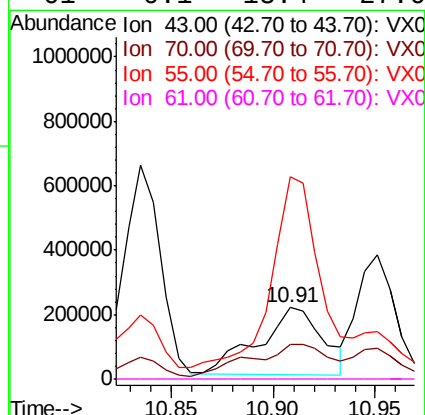
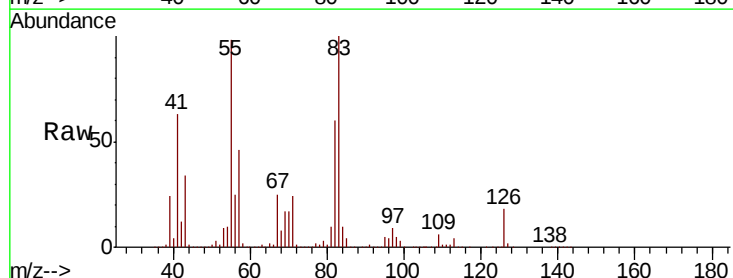
Ion Ratio Lower Upper

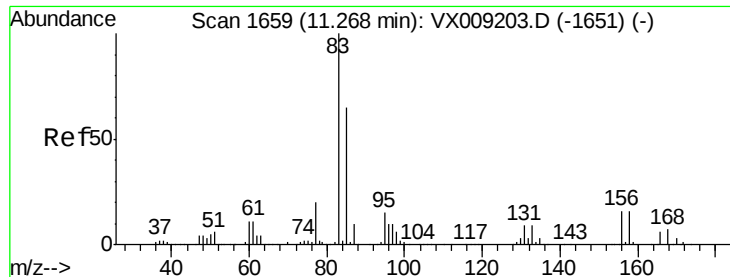
43 100

70 58.8 30.0 45.0#

55 206.8 17.9 26.9#

61 0.1 18.4 27.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 58.950 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

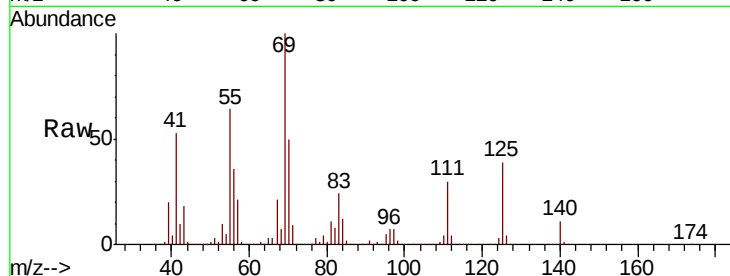
Tot Ion: 83 Resp: 177538

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

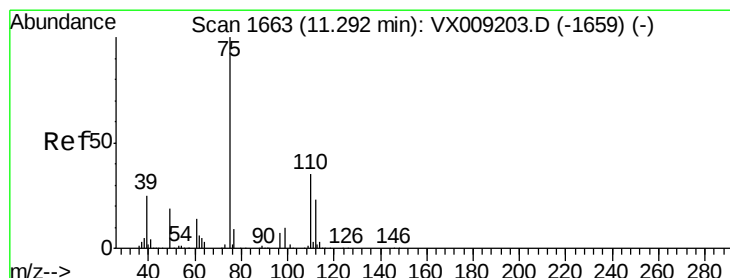
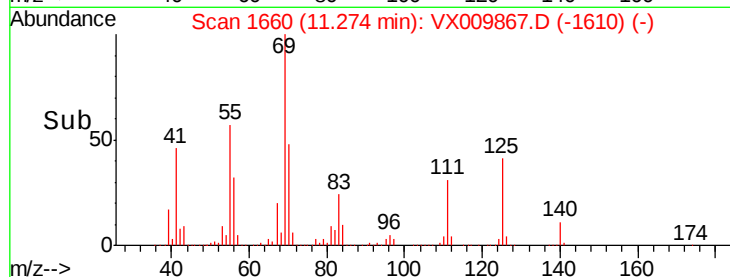
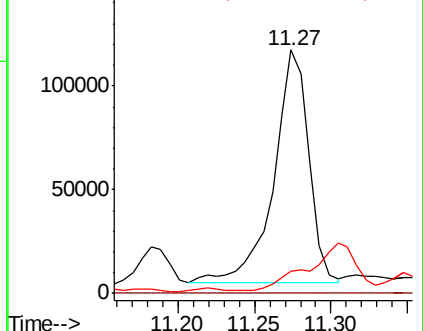
85 0.0 32.0 96.2#



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: 0.763 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX009867.D

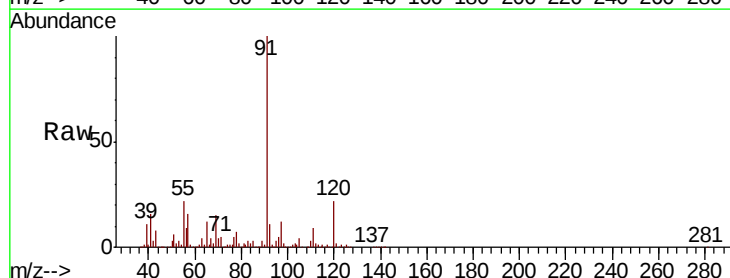
Acq: 23 May 2019 18:38

Tgt Ion: 75 Resp: 1966

Ion Ratio Lower Upper

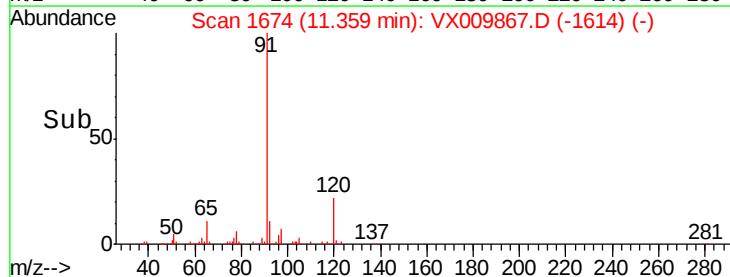
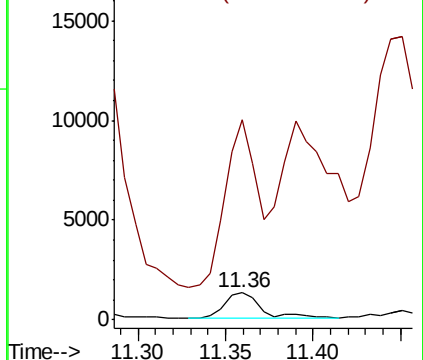
75 100

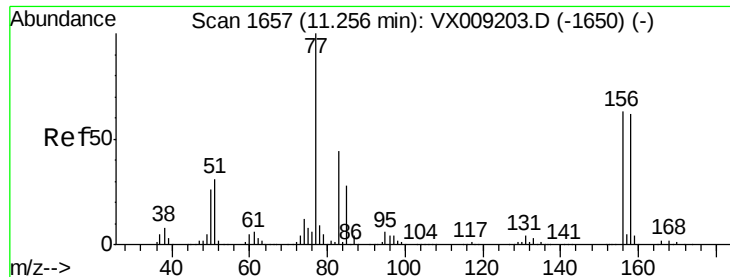
77 540.9 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.426 ug/l

RT: 11.31 min Scan# 1666

Delta R.T. 0.05 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

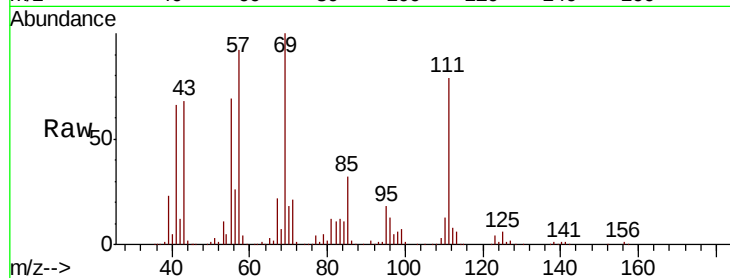
Tot Ion:156 Resp: 854

Ion Ratio Lower Upper

156 100

77 0.0 84.8 254.3#

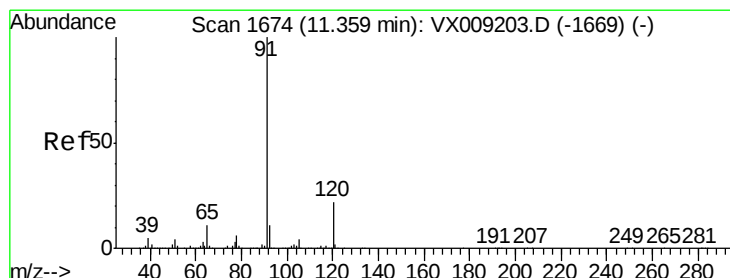
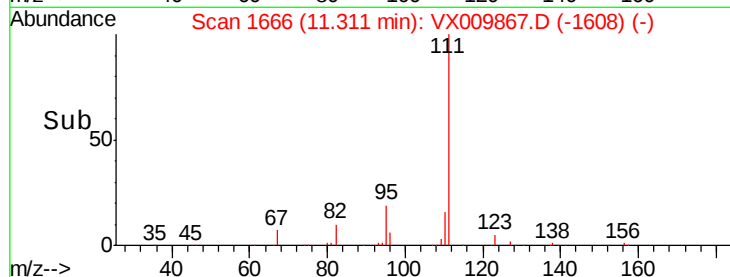
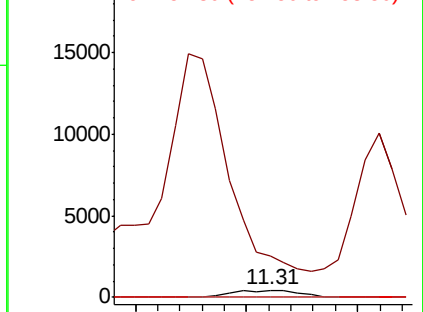
158 0.0 49.1 147.3#



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: 30.148 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009867.D

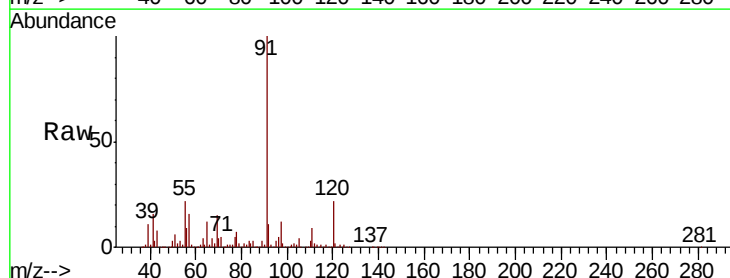
Acq: 23 May 2019 18:38

Tgt Ion: 91 Resp: 278159

Ion Ratio Lower Upper

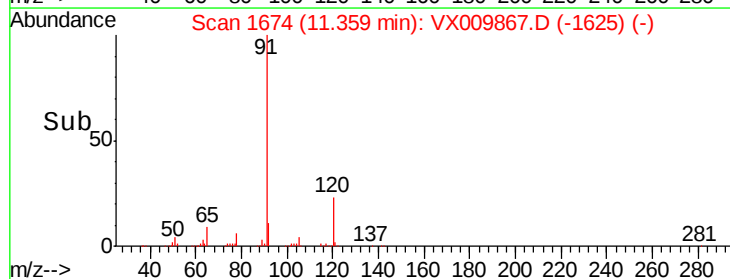
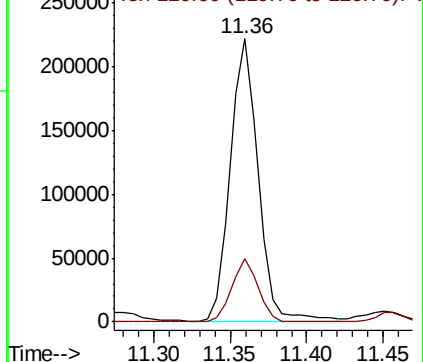
91 100

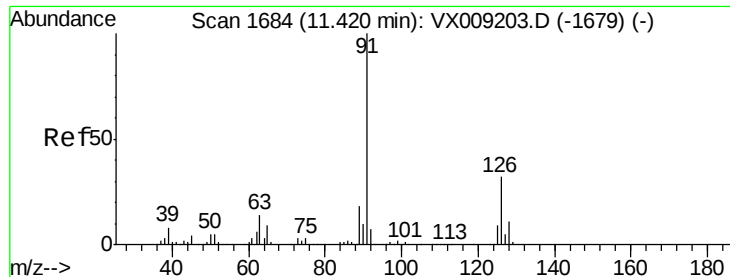
120 21.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

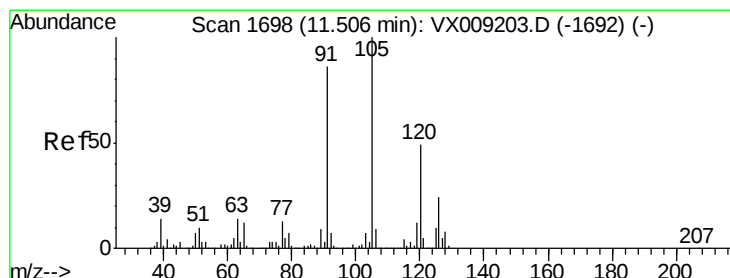
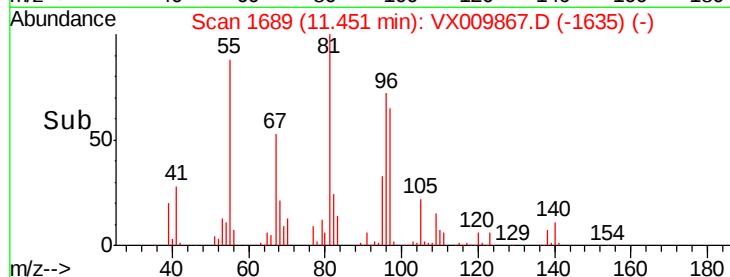
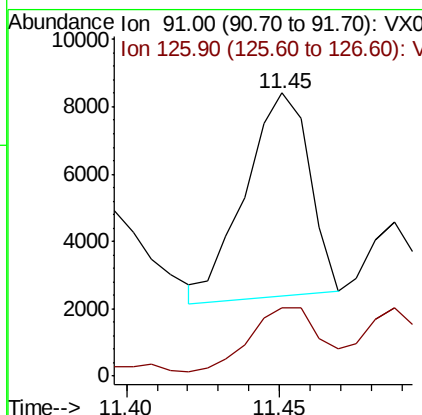
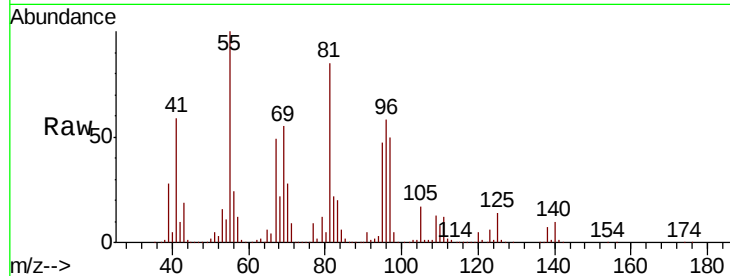




#79
 2-Chlorotoluene
 Concen: 1.558 ug/l
 RT: 11.45 min Scan# 1689
 Delta R.T. 0.03 min
 Lab File: VX009867.D
 Acq: 23 May 2019 18:38

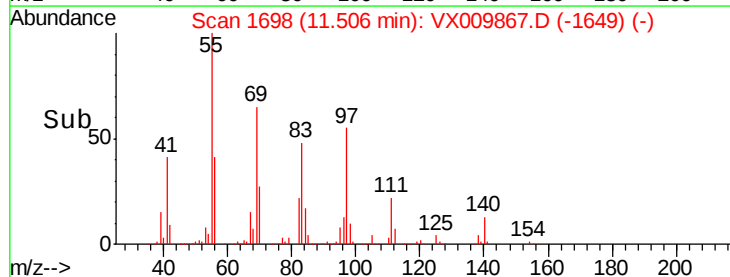
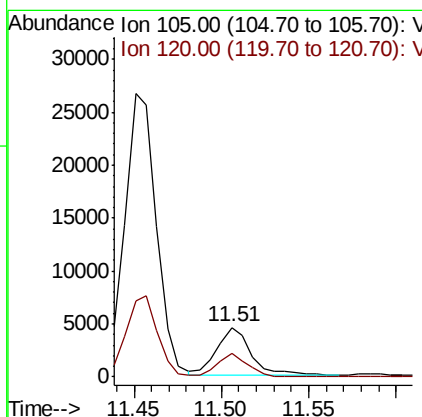
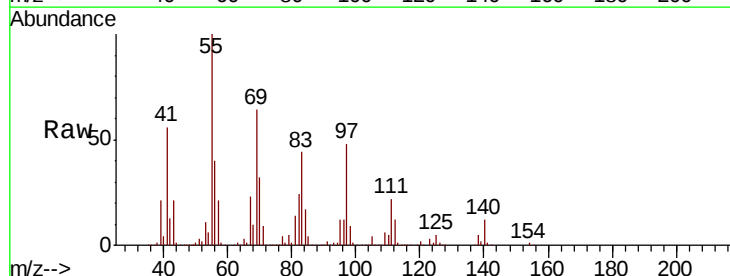
Instrument :
 MSVOA_X
 ClientSampled :

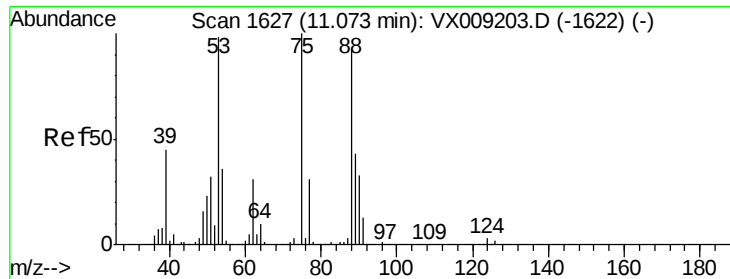
Tot Ion: 91 Resp: 8870
 Ion Ratio Lower Upper
 91 100
 126 34.5 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 0.921 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009867.D
 Acq: 23 May 2019 18:38

Tgt Ion:105 Resp: 6266
 Ion Ratio Lower Upper
 105 100
 120 42.2 24.3 72.9

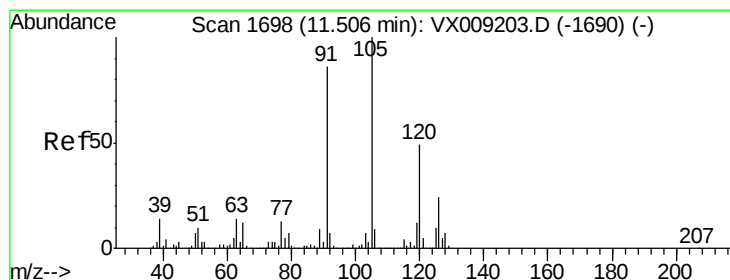
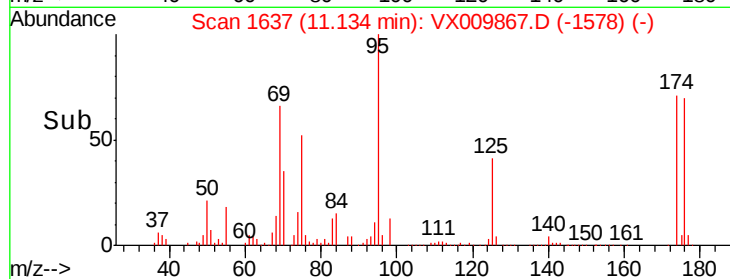
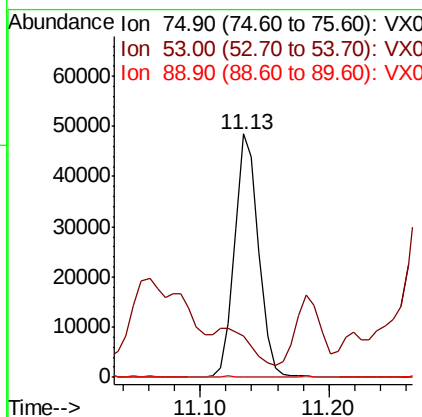
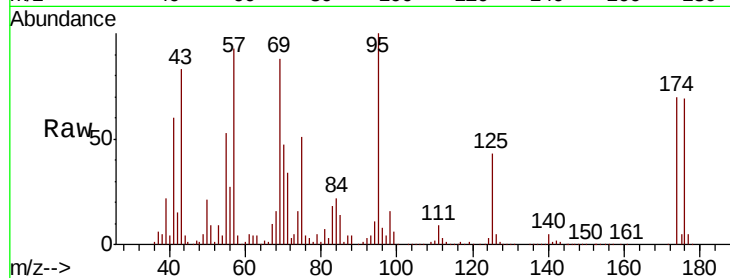




#81
trans-1,4-Dichloro-2-butene
Concen: 62.142 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

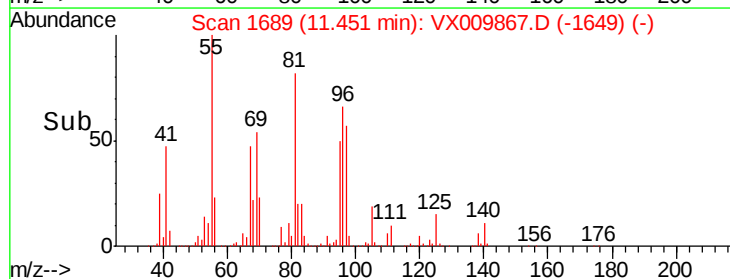
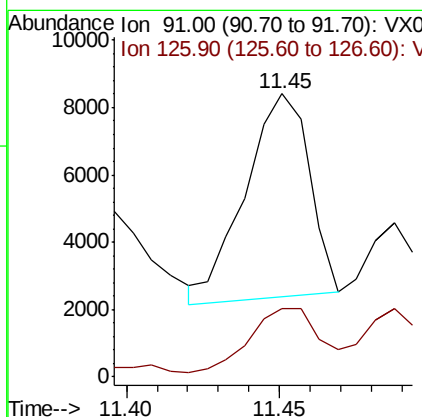
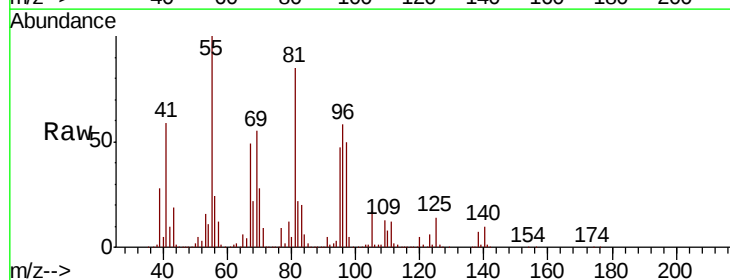
Instrument :
MSVOA_X
ClientSampleId :

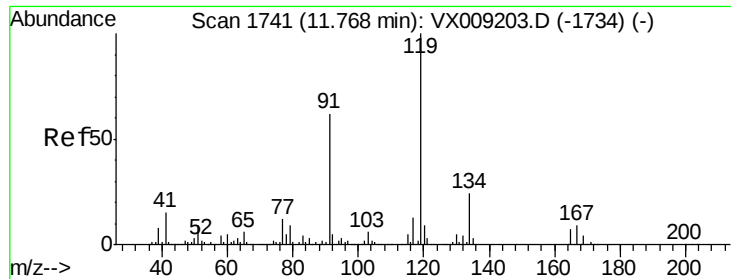
Tot Ion: 75 Resp: 62589
Ion Ratio Lower Upper
75 100
53 0.0 79.0 118.6#
89 0.3 34.7 52.1#



#82
4-Chlorotoluene
Concen: 1.379 ug/l
RT: 11.45 min Scan# 1689
Delta R.T. -0.05 min
Lab File: VX009867.D
Acq: 23 May 2019 18:38

Tgt Ion: 91 Resp: 8870
Ion Ratio Lower Upper
91 100
126 34.5 14.5 43.6





#83

tert-Butylbenzene

Concen: 5.081 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

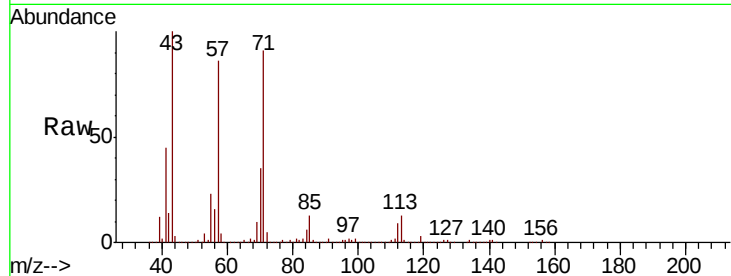
Tot Ion:119 Resp: 33626

Ion Ratio Lower Upper

119 100

91 75.7 29.5 88.5

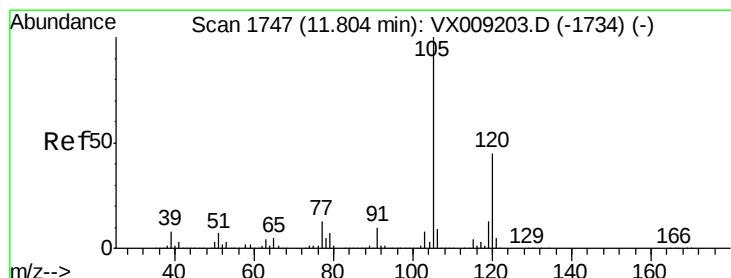
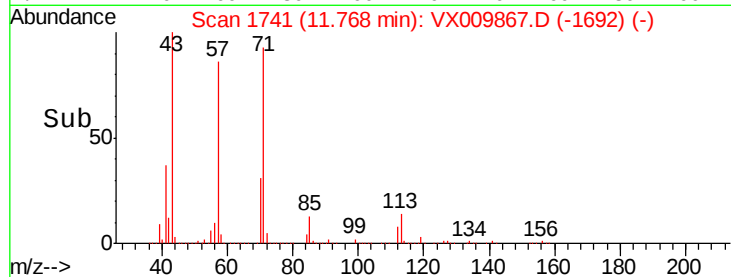
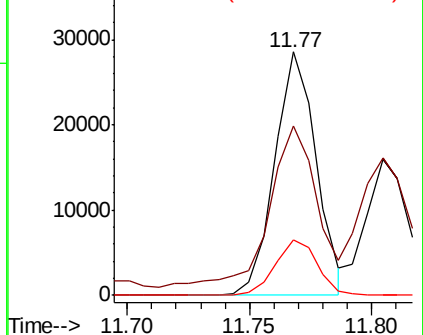
134 23.4 11.4 34.1



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: 22.448 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009867.D

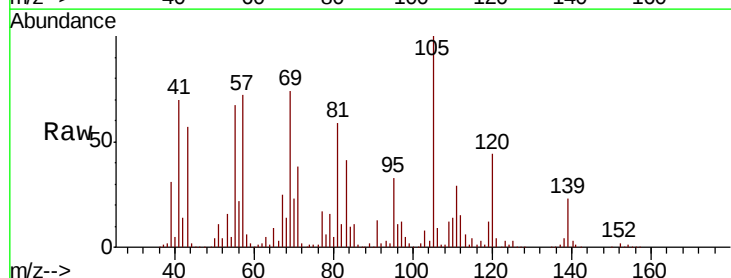
Acq: 23 May 2019 18:38

Tgt Ion:105 Resp: 153272

Ion Ratio Lower Upper

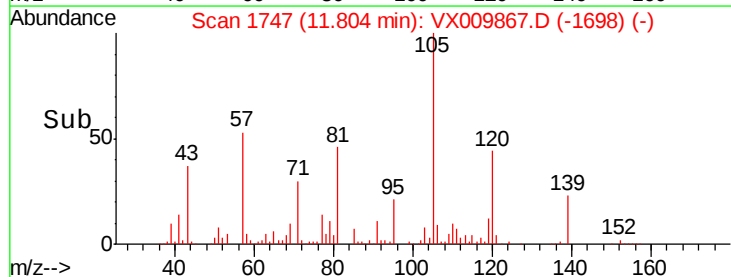
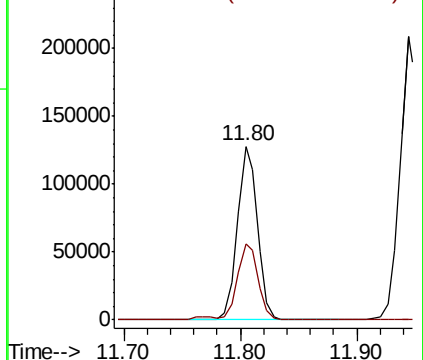
105 100

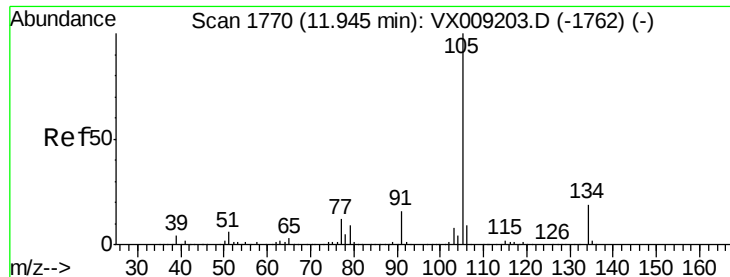
120 44.9 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

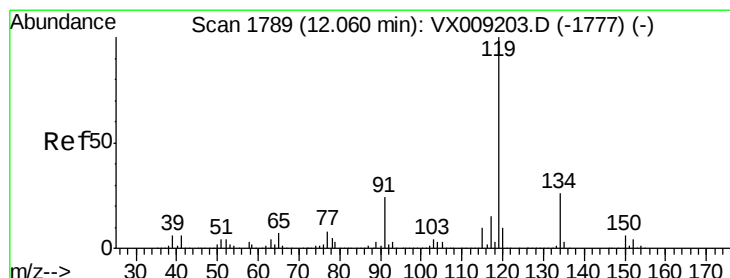
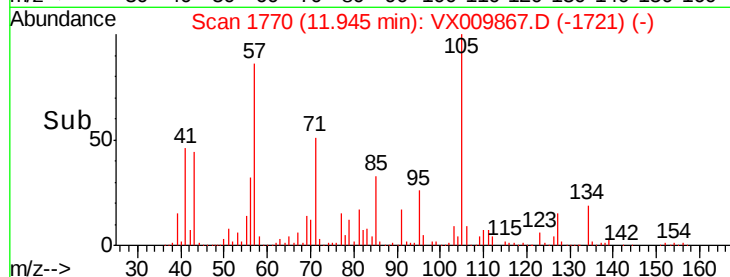
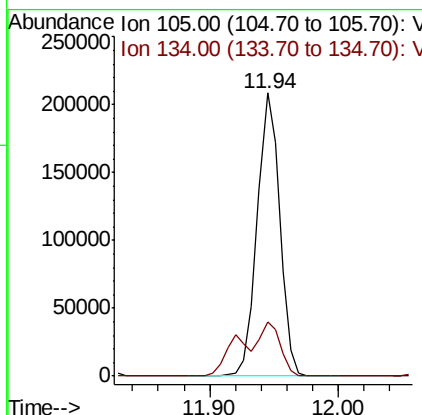
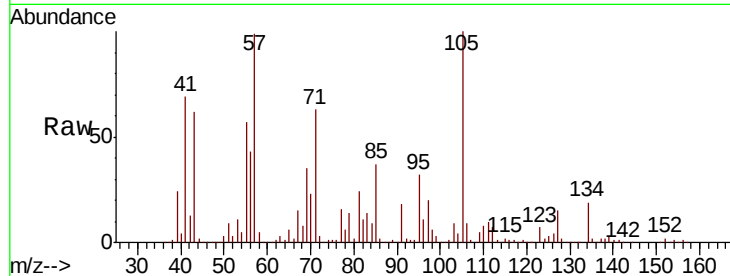




#85
 sec-Butylbenzene
 Concen: 31.862 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009867.D
 Acq: 23 May 2019 18:38

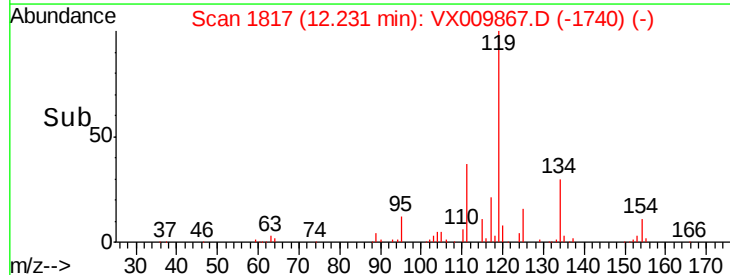
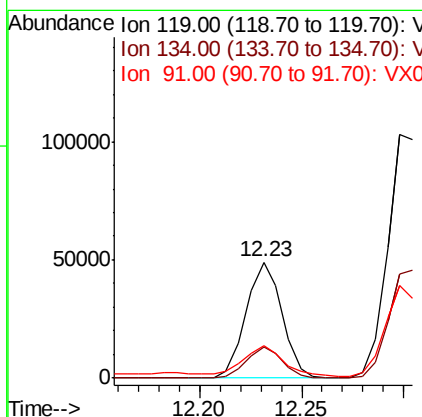
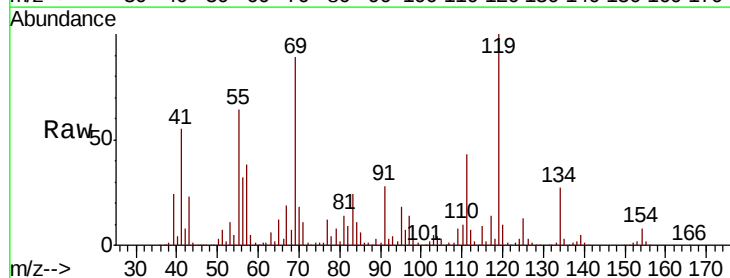
Instrument :
 MSVOA_X
 ClientSampled :

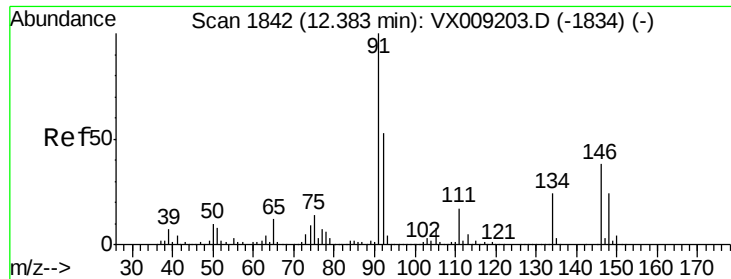
Tot Ion:105 Resp: 249969
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 8.552 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX009867.D
 Acq: 23 May 2019 18:38

Tgt Ion:119 Resp: 60314
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 30.0 11.8 35.4





#89

n-Butylbenzene

Concen: 23.701 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampled :

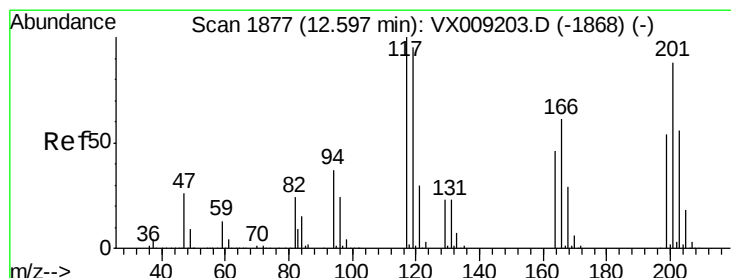
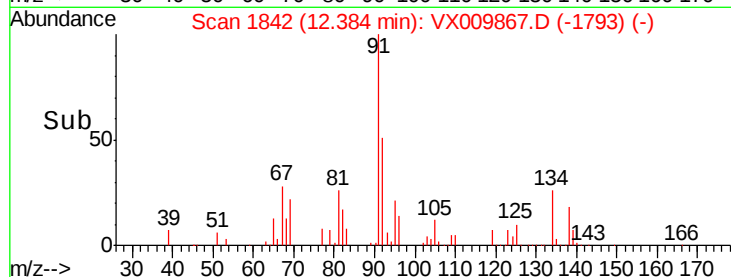
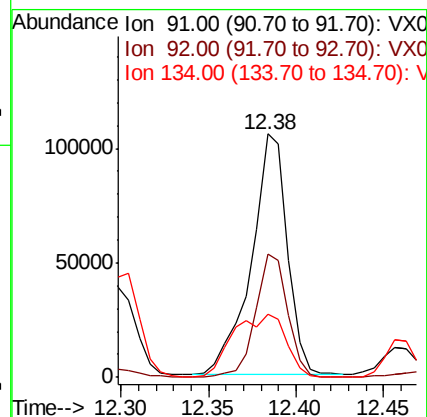
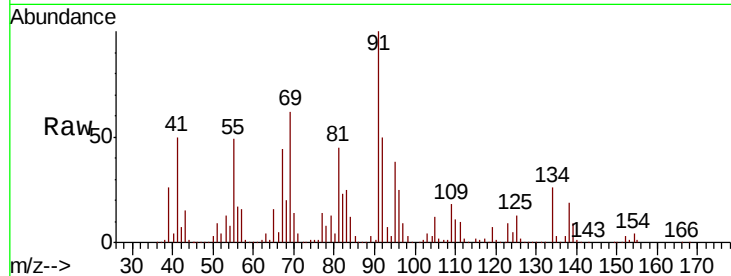
Tot Ion: 91 Resp: 151087

Ion Ratio Lower Upper

91 100

92 44.9 26.5 79.5

134 38.5 12.4 37.2#



#90

Hexachloroethane

Concen: 24.556 ug/l

RT: 12.66 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX009867.D

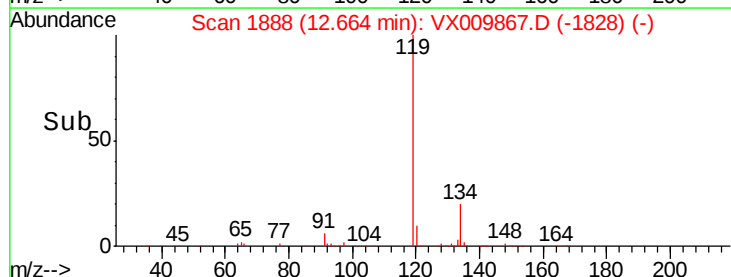
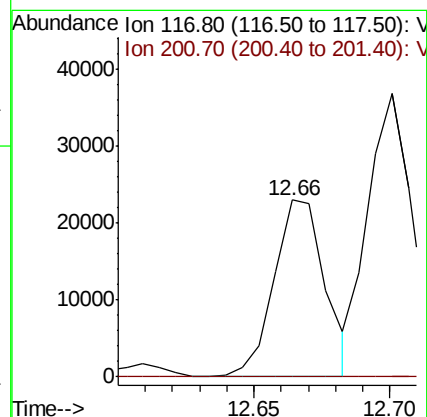
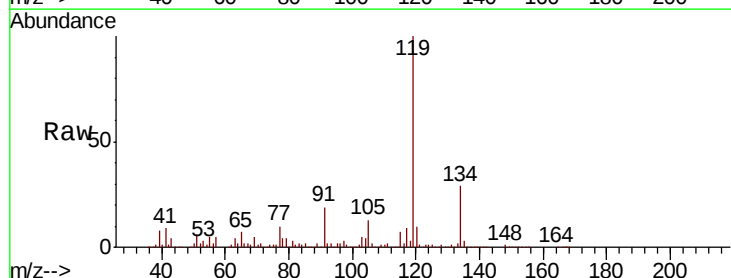
Acq: 23 May 2019 18:38

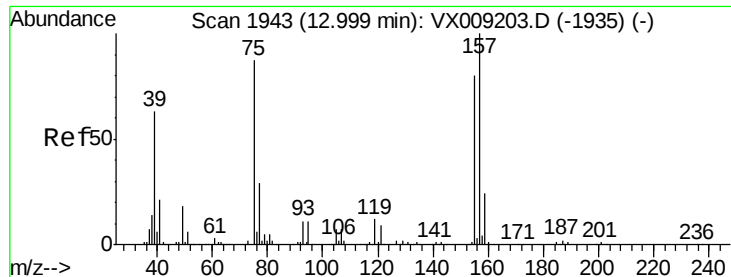
Tgt Ion: 117 Resp: 29506

Ion Ratio Lower Upper

117 100

201 0.0 42.3 126.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.308 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX009867.D

Acq: 23 May 2019 18:38

Instrument :

MSVOA_X

ClientSampleId :

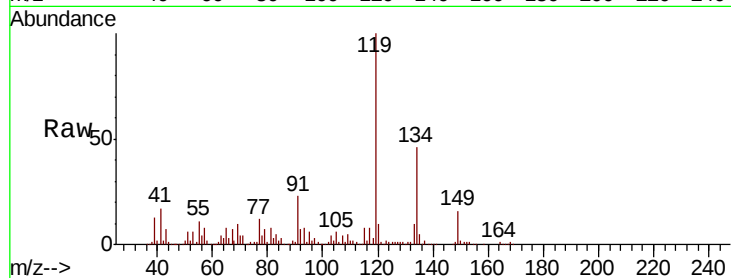
Tot Ion: 75 Resp: 1559

Ion Ratio Lower Upper

75 100

155 9.2 42.0 126.0#

157 0.0 53.2 159.6#



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

