

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009866.D
 Acq On : 23 May 2019 18:14
 Operator : JC/SP
 Sample : K2976-17DL 250X
 Misc : 6.48g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 24 03:53:35 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	179612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119699	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	122164	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	5.49	113	87983	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	8.71	98	370770	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	130833	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	381	0.288	ug/l	86
10) Methyl Iodide	2.51	142	206	4.690	ug/l #	42
11) Tert butyl alcohol	3.02	59	3720	6.554	ug/l #	74
13) Acrolein	2.29	56	181	0.352	ug/l #	26
16) Acetone	2.44	43	1150	0.873	ug/l	91
26) 2,2-Dichloropropane	4.69	77	717	0.247	ug/l #	53
28) Bromochloromethane	5.00	49	77	Below Cal	#	20
31) Cyclohexane	5.67	56	4380	1.208	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	14118	5.251	ug/l #	42
38) Carbon Tetrachloride	5.67	117	17098	7.000	ug/l #	15
39) Methylcyclohexane	7.46	83	719	0.218	ug/l	94
49) 1,4-Dioxane	7.97	88	20	0.332	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	843	0.215	ug/l #	73
55) 1,1,2-Trichloroethane	9.16	97	2838	1.375	ug/l #	22
56) Ethyl methacrylate	9.16	69	788	0.214	ug/l #	1
59) 2-Hexanone	9.45	43	8178	2.659	ug/l #	32
68) m/p-Xylenes	10.37	106	2881	0.821	ug/l	91
73) Isopropylbenzene	11.02	105	27110	3.115	ug/l	99
74) N-amyl acetate	10.91	43	17958	3.539	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	7321	2.256	ug/l #	31
76) 1,2,3-Trichloropropane	11.13	75	67992	24.488	ug/l #	34
78) n-propylbenzene	11.36	91	60275	6.063	ug/l	98
79) 2-Chlorotoluene	11.36	91	60275	9.828	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.45	105	14215	1.940	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.13	75	67992	62.655	ug/l #	11
82) 4-Chlorotoluene	11.36	91	60275	8.700	ug/l #	46
83) tert-Butylbenzene	11.77	119	3631	0.509	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	226187	30.746	ug/l	99
85) sec-Butylbenzene	11.94	105	24974	2.955	ug/l	100
86) p-Isopropyltoluene	12.23	119	4864	0.640	ug/l	88
89) n-Butylbenzene	12.38	91	15364	2.237	ug/l #	73
90) Hexachloroethane	12.58	117	2899	2.239	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.01	75	307	0.422	ug/l #	2

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Quant Time: May 24 03:53:35 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

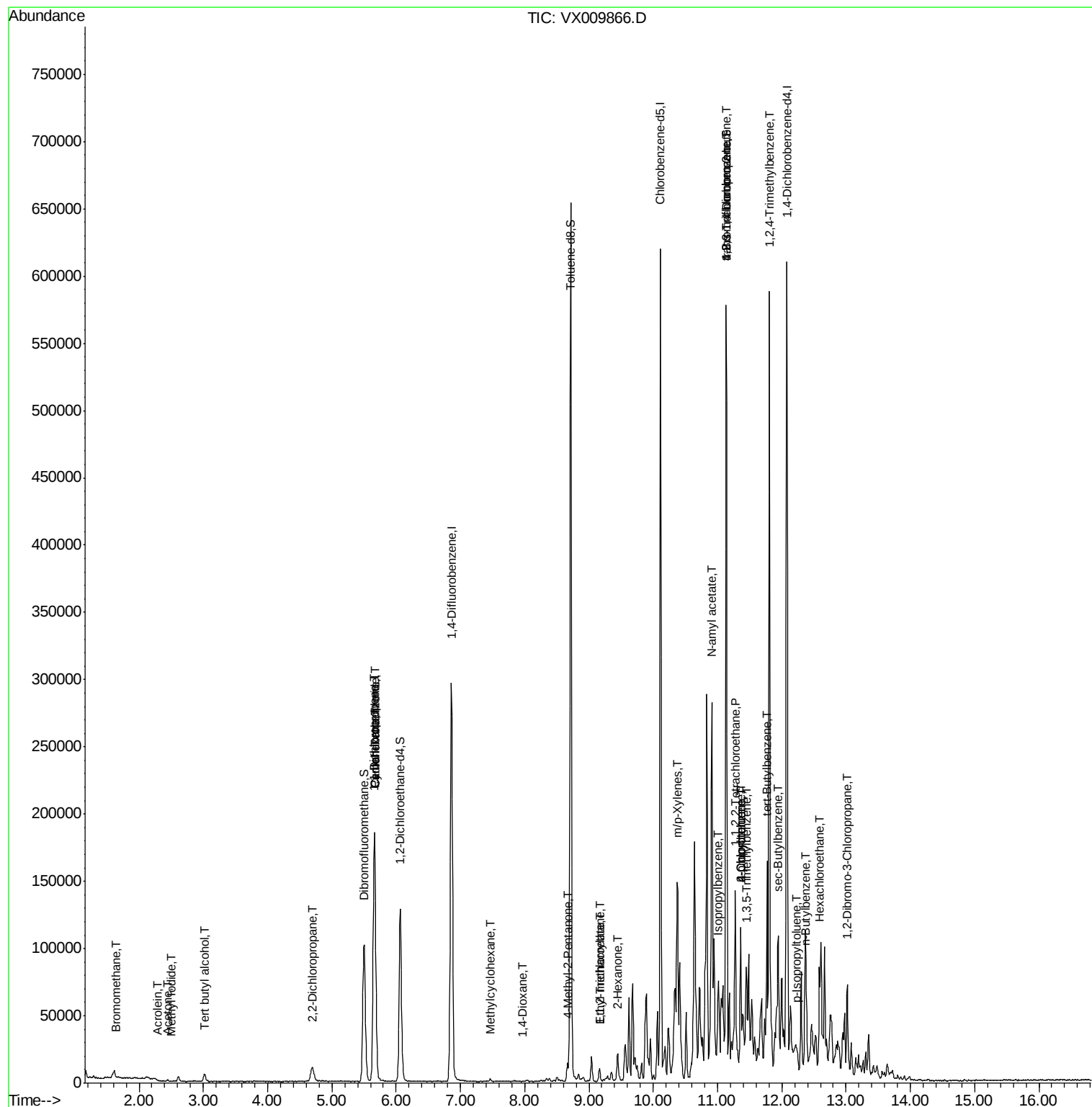
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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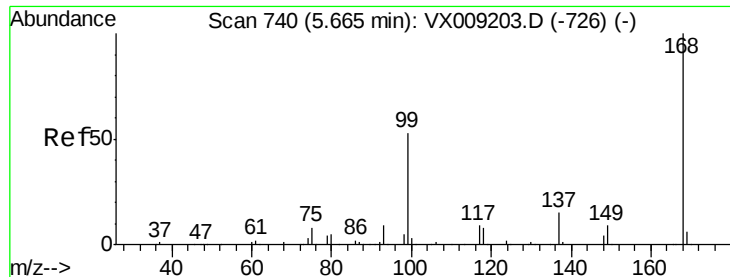
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

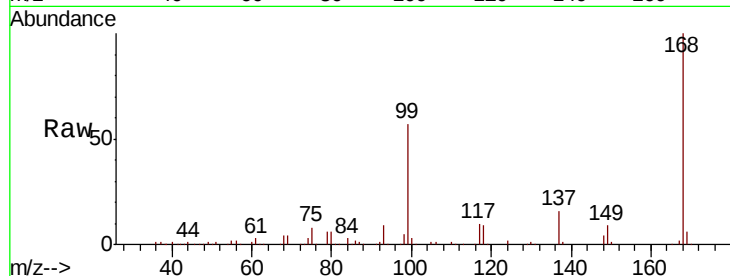
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 179612

Ion Ratio Lower Upper

168 100

99 56.8 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

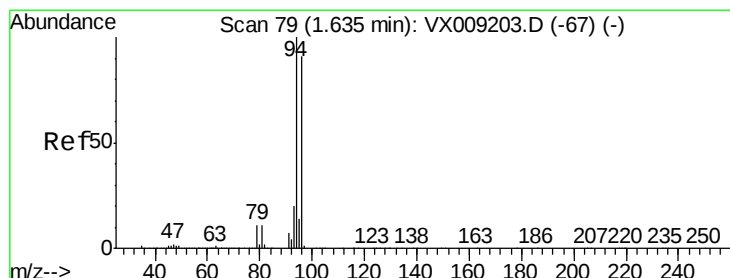
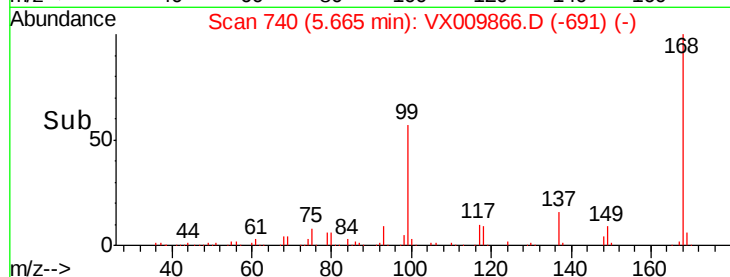
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.288 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009866.D

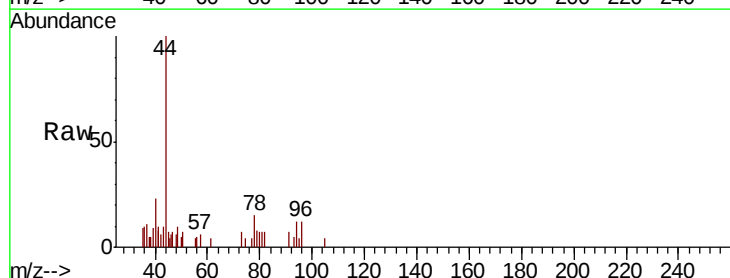
Acq: 23 May 2019 18:14

Tgt Ion: 94 Resp: 381

Ion Ratio Lower Upper

94 100

96 104.2 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

150

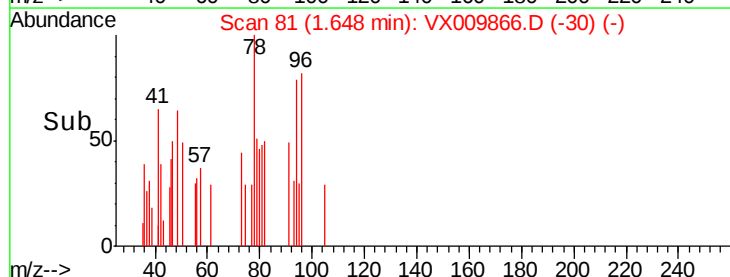
100

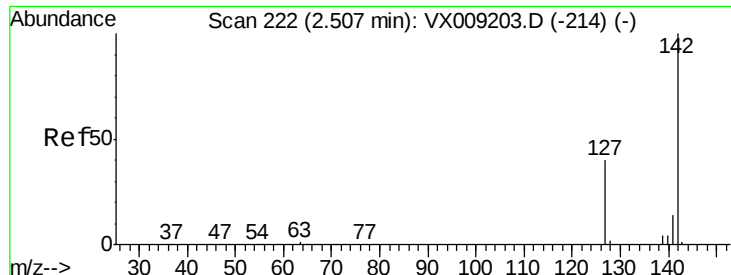
50

0

Time-->

1.60 1.65 1.70

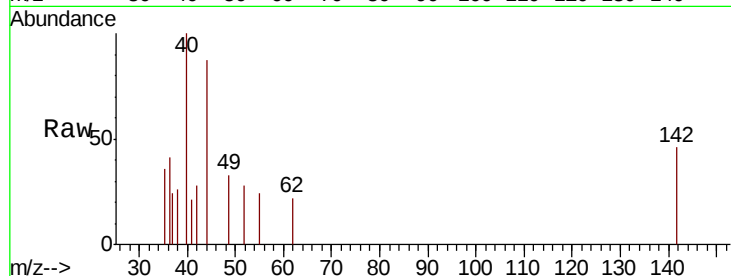




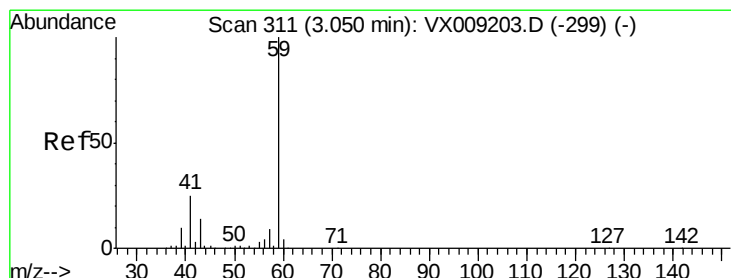
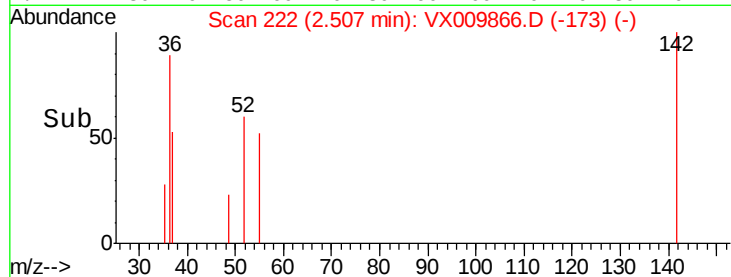
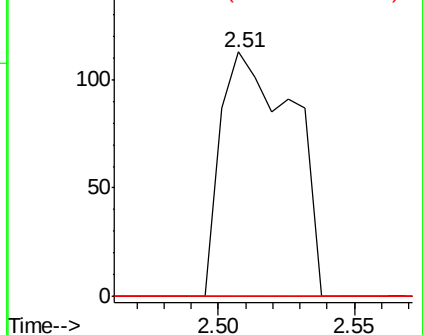
#10
Methvl Iodide
Concen: 4.690 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 206
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.5 17.3#

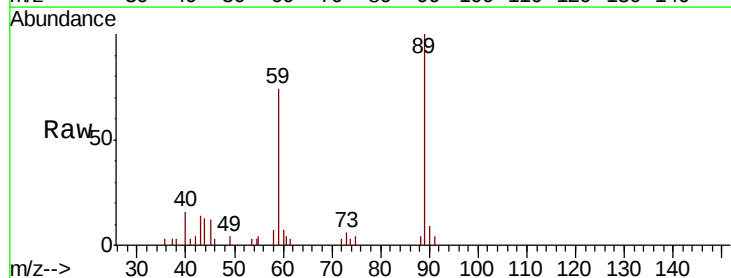


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

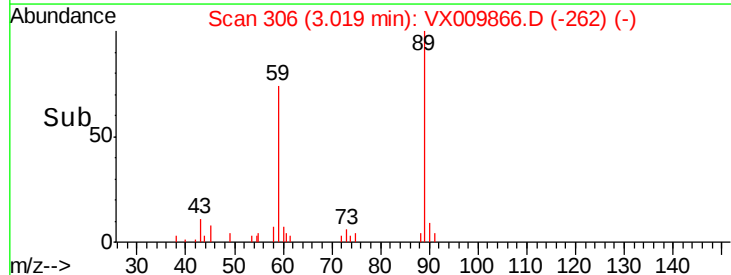
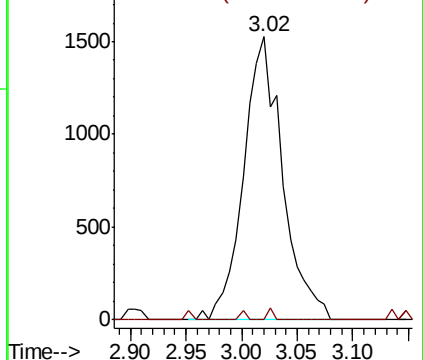


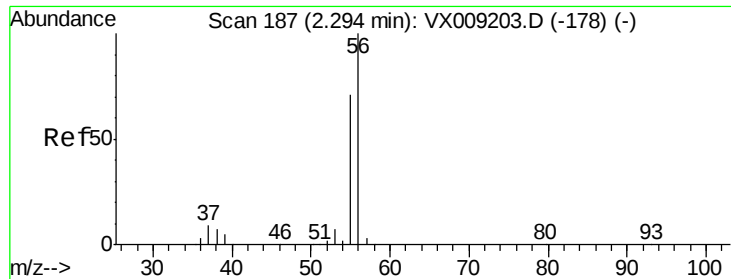
#11
Tert butyl alcohol
Concen: 6.554 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Tgt Ion: 59 Resp: 3720
Ion Ratio Lower Upper
59 100
57 0.6 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: 0.352 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

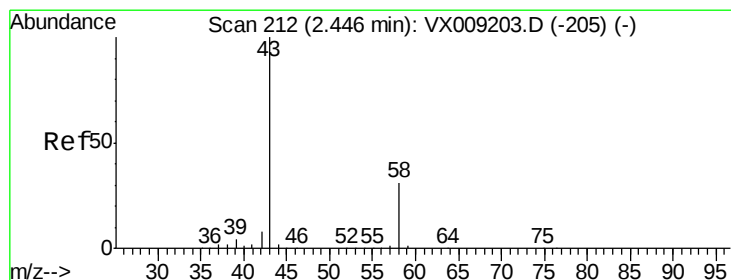
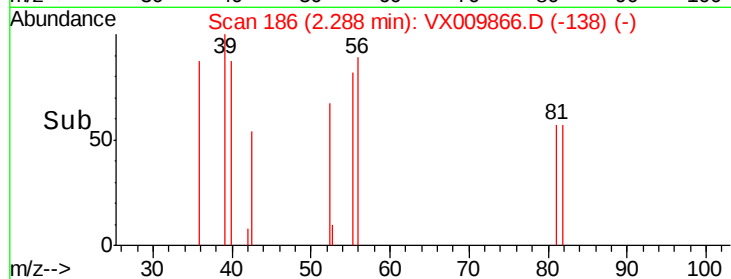
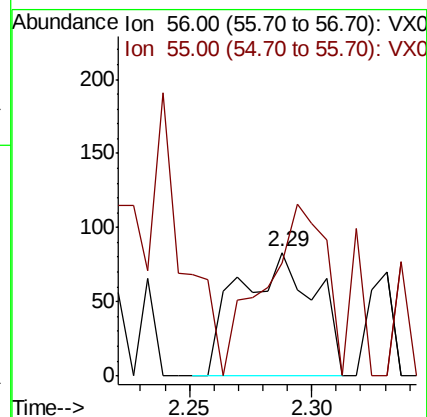
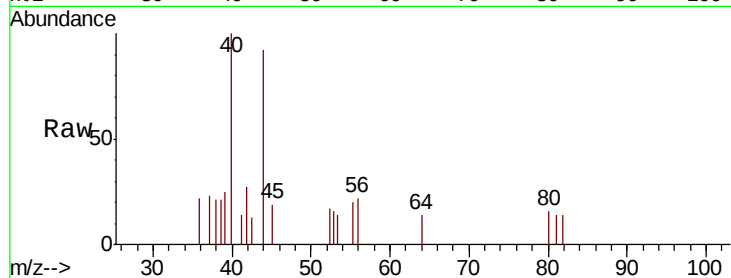
ClientSampled :

Tot Ion: 56 Resp: 181

Ion Ratio Lower Upper

56 100

55 131.5 56.6 85.0#



#16

Acetone

Concen: 0.873 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009866.D

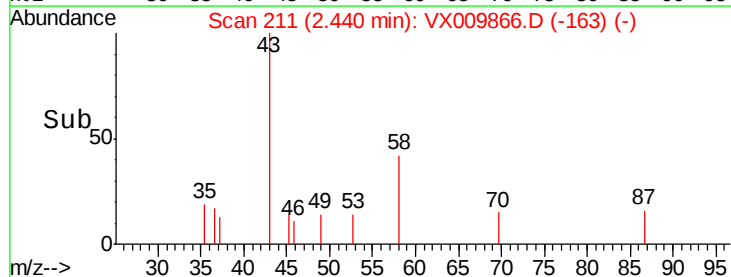
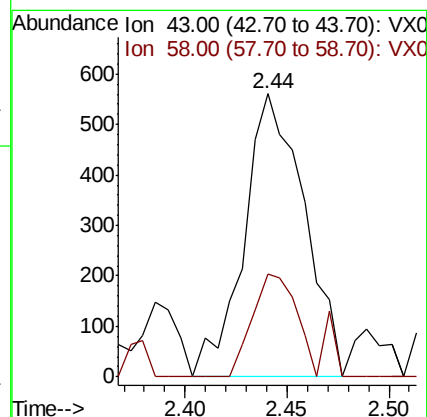
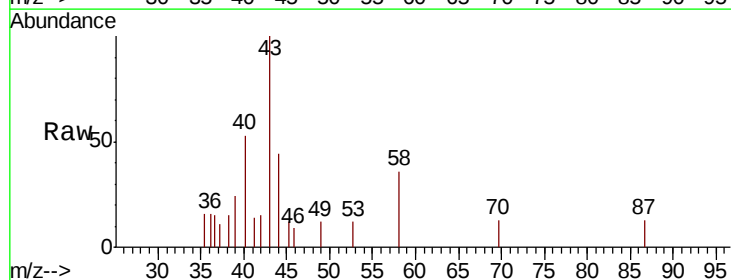
Acq: 23 May 2019 18:14

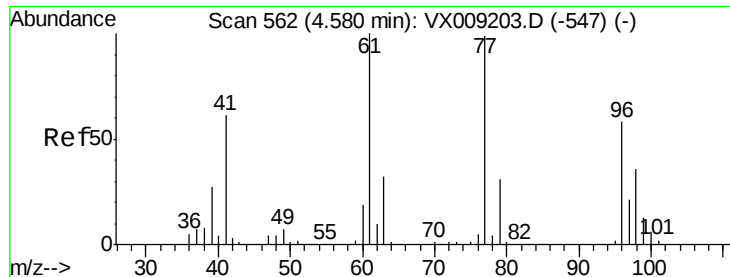
Tgt Ion: 43 Resp: 1150

Ion Ratio Lower Upper

43 100

58 36.2 24.9 37.3





#26

2,2-Dichloropropane

Concen: 0.247 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.11 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

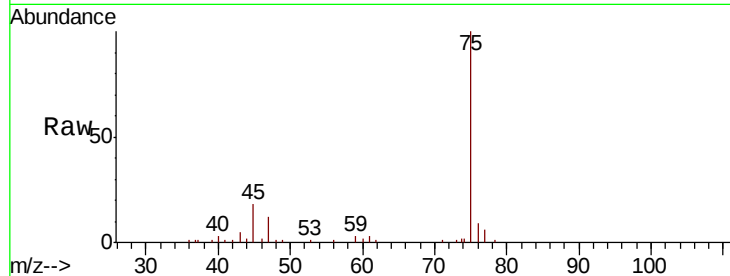
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 77 Resp: 717

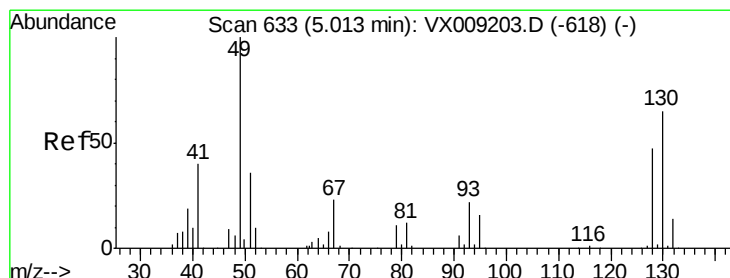
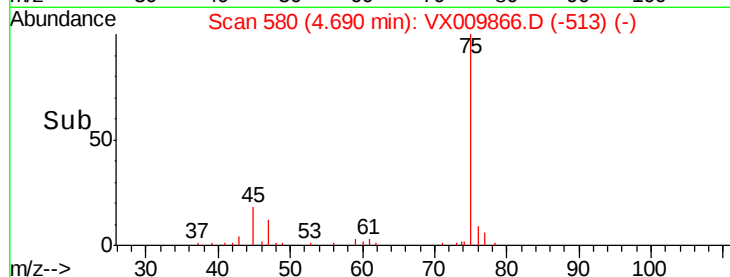
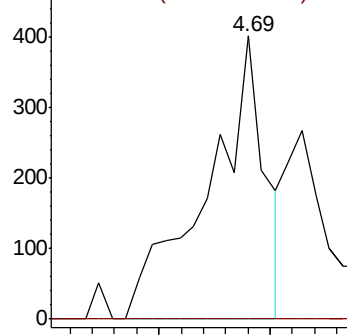
Ion Ratio Lower Upper

77 100

97 0.0 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

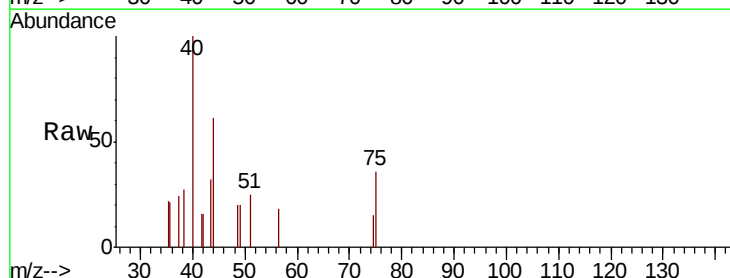
Tgt Ion: 49 Resp: 77

Ion Ratio Lower Upper

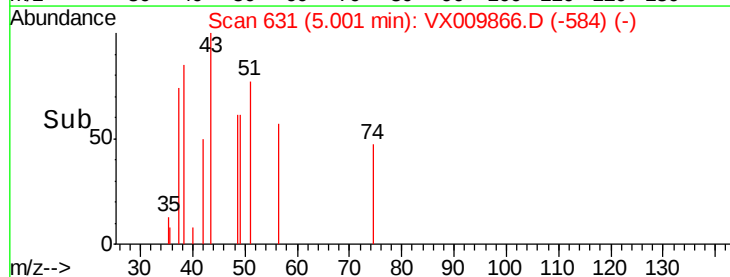
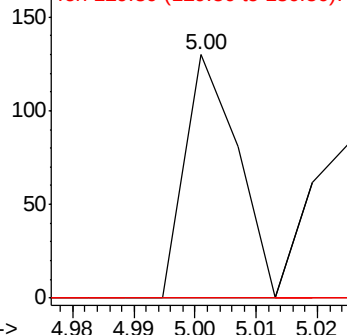
49 100

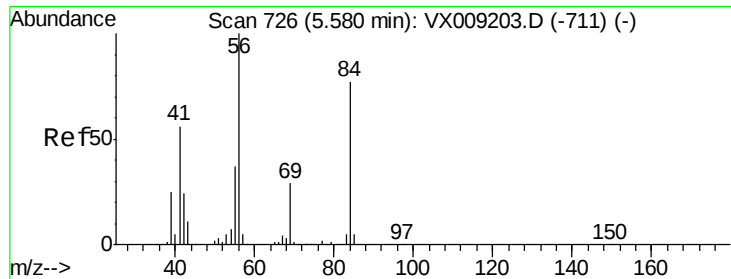
129 0.0 0.0 3.8

130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

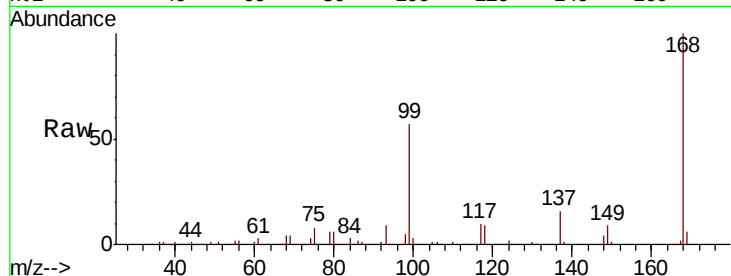




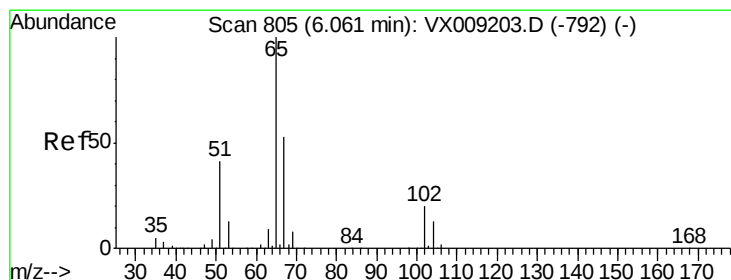
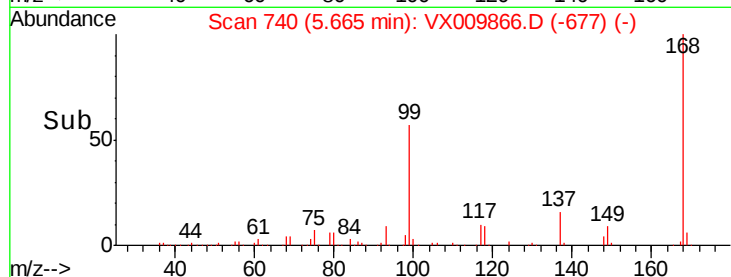
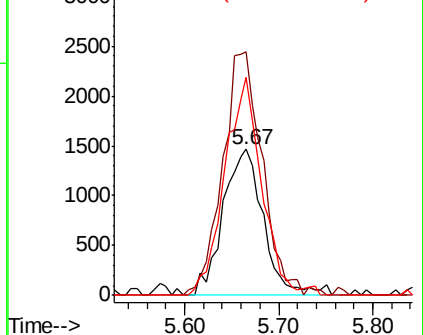
#31
Cyclohexane
Concen: 1.208 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4380
Ion Ratio Lower Upper
56 100
69 162.6 23.4 35.0#
84 148.9 61.9 92.9#

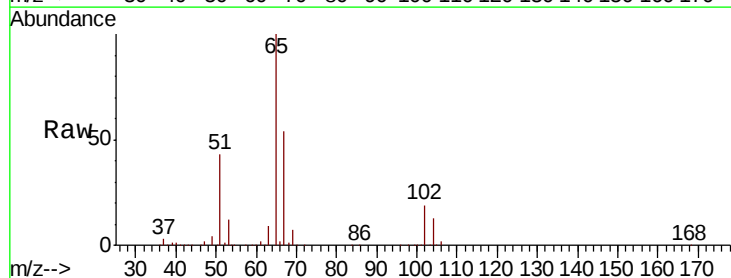


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

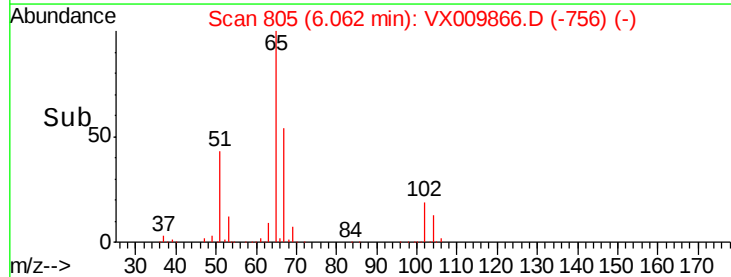
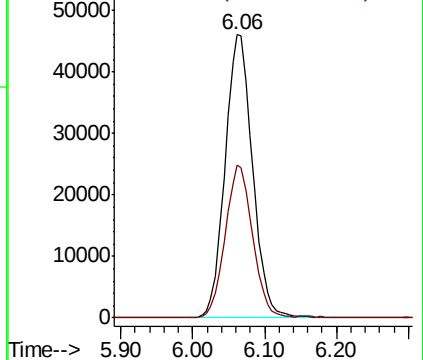


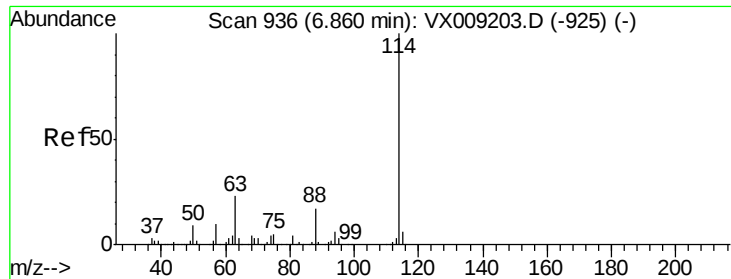
#33
1,2-Dichloroethane-d4
Concen: 49.824 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Tgt Ion: 65 Resp: 122164
Ion Ratio Lower Upper
65 100
67 53.4 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: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

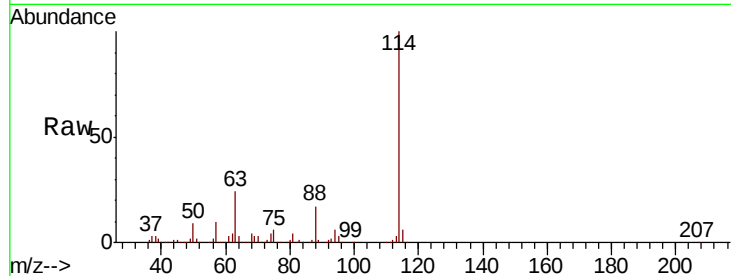
Tot Ion:114 Resp: 289293

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.6

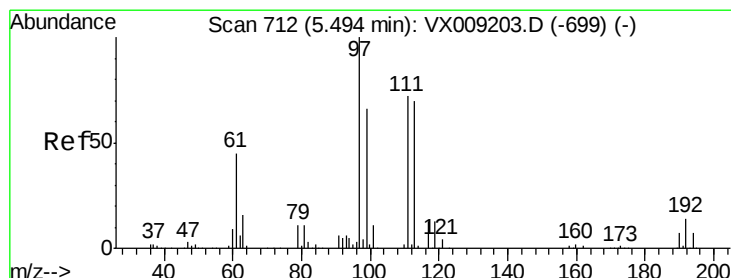
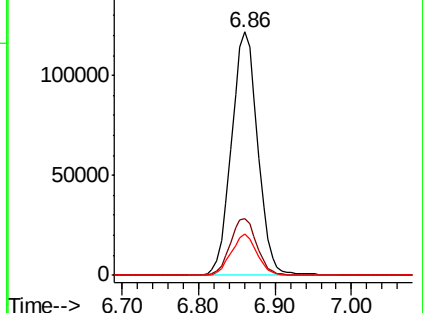
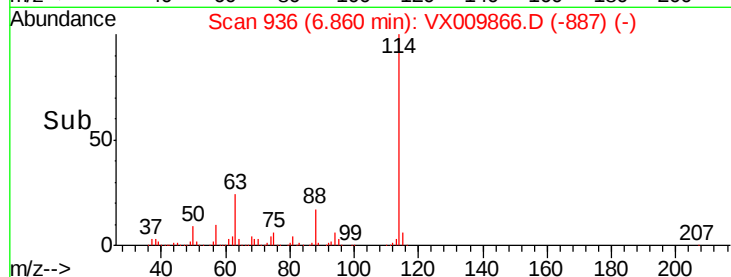
88 17.0 0.0 33.2



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: 48.379 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

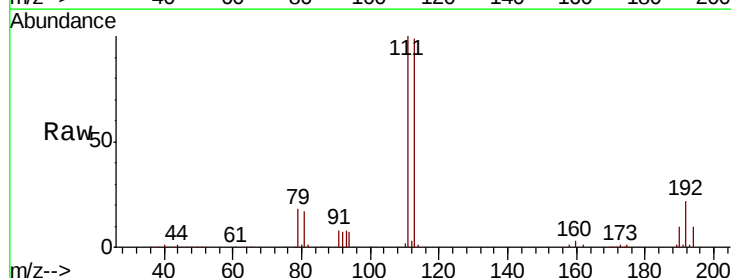
Tgt Ion:113 Resp: 87983

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

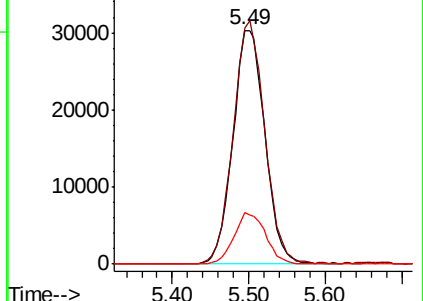
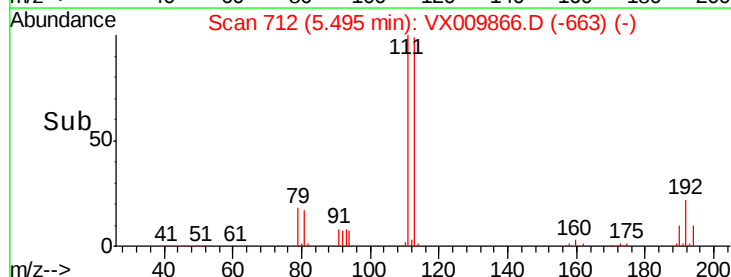
192 21.6 17.0 25.6

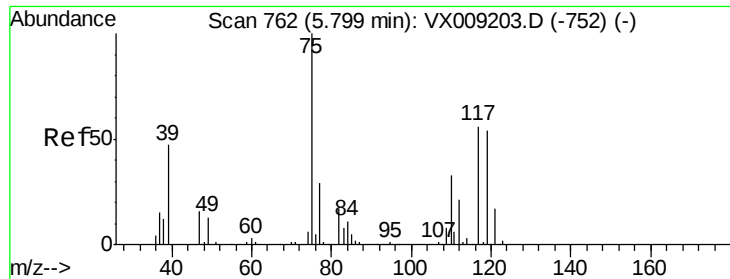


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.251 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

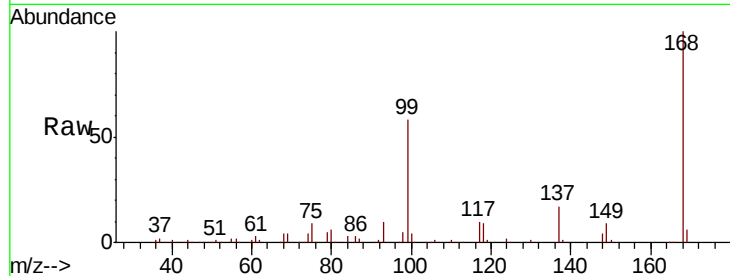
Tot Ion: 75 Resp: 14118

Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.6#

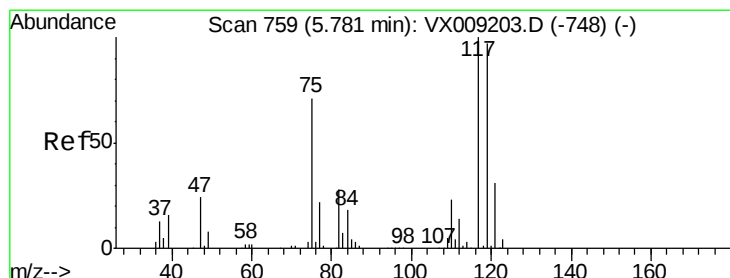
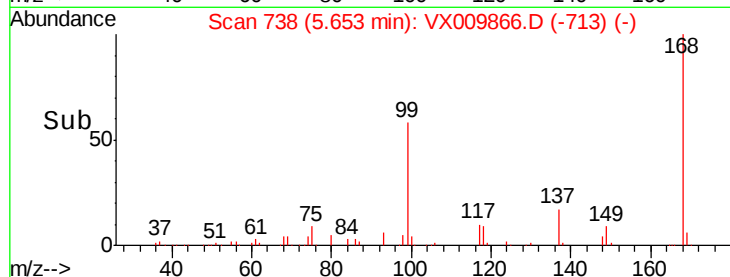
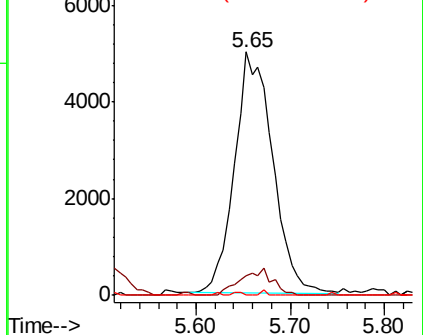
77 0.3 24.8 37.2#



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: 7.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

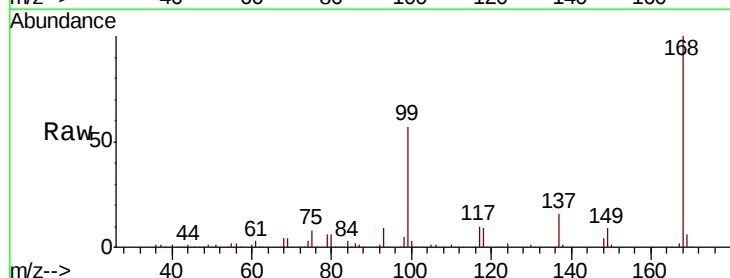
Tgt Ion:117 Resp: 17098

Ion Ratio Lower Upper

117 100

119 4.3 77.5 116.3#

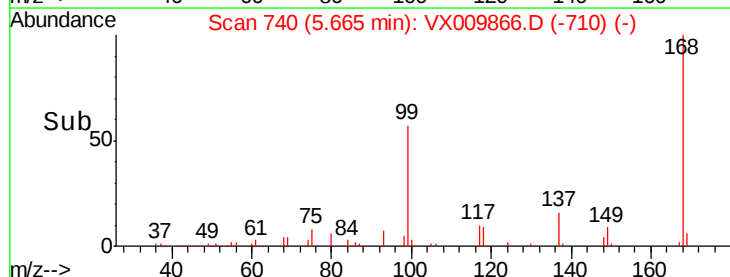
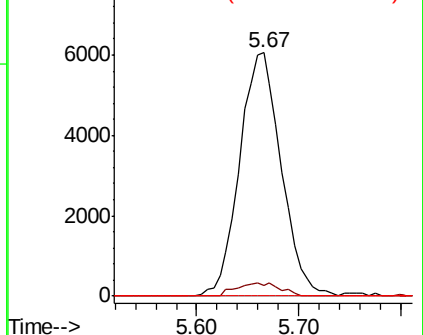
121 0.0 24.7 37.1#

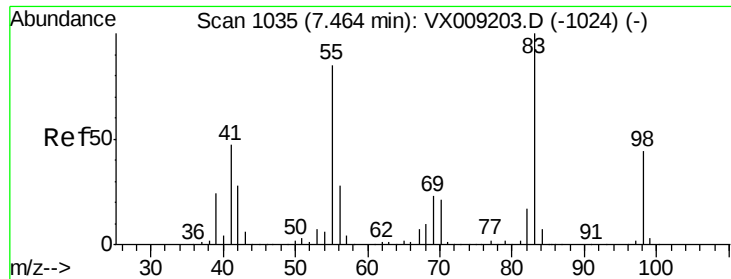


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

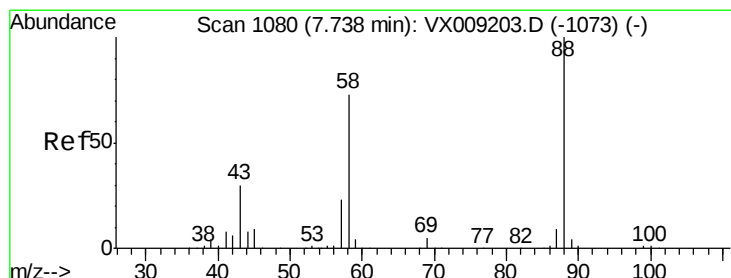
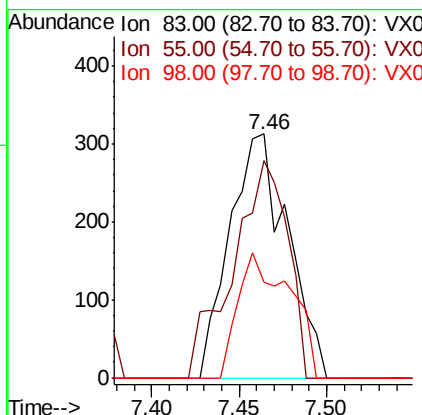
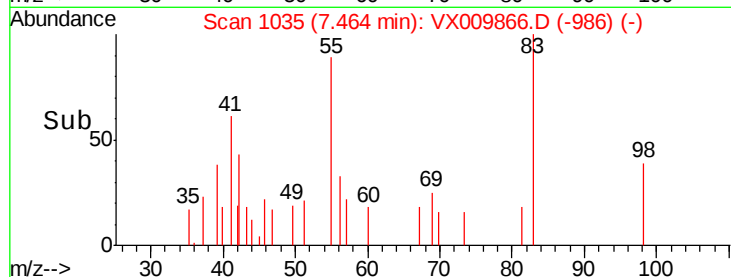
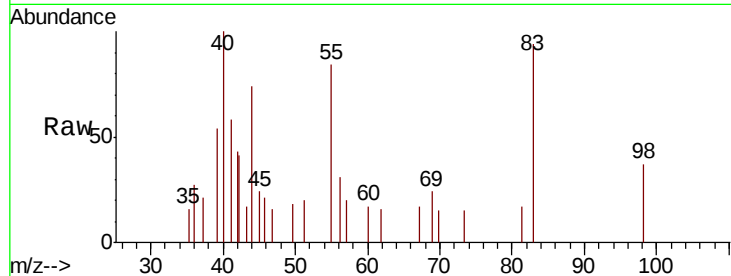




#39
Methvlcvclohexane
Concen: 0.218 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

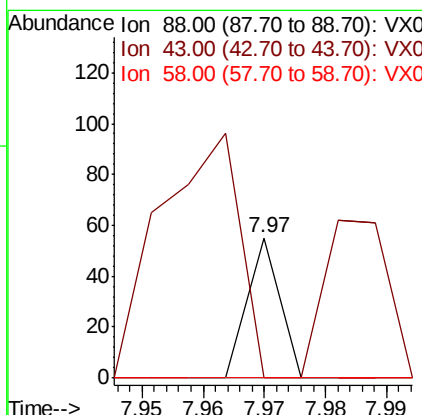
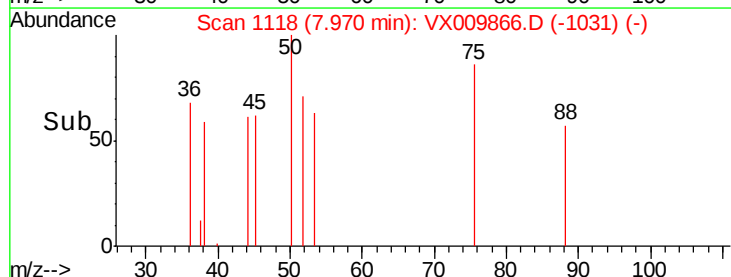
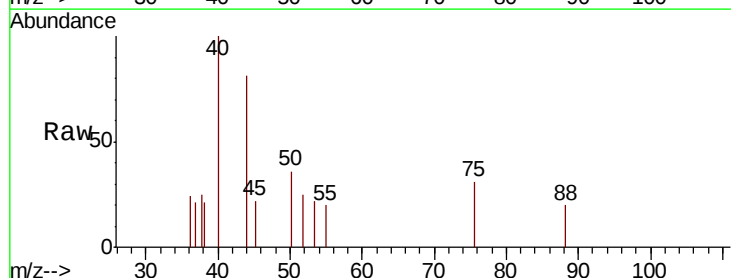
Instrument :
MSVOA_X
ClientSampled :

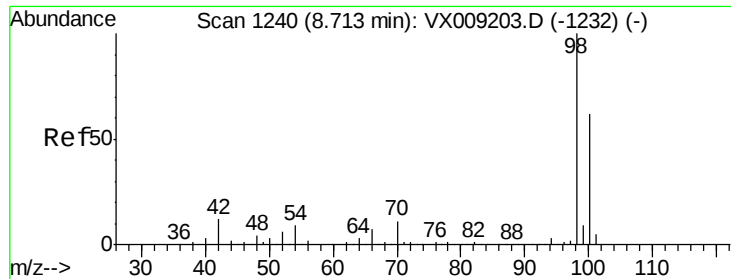
Tot Ion: 83 Resp: 719
Ion Ratio Lower Upper
83 100
55 89.1 67.7 101.5
98 39.3 35.5 53.3



#49
1,4-Dioxane
Concen: 0.332 ug/l
RT: 7.97 min Scan# 1118
Delta R.T. 0.23 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 435.0 28.6 42.8#
58 0.0 61.7 92.5#





#50

Toluene-d8

Concen: 50.499 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

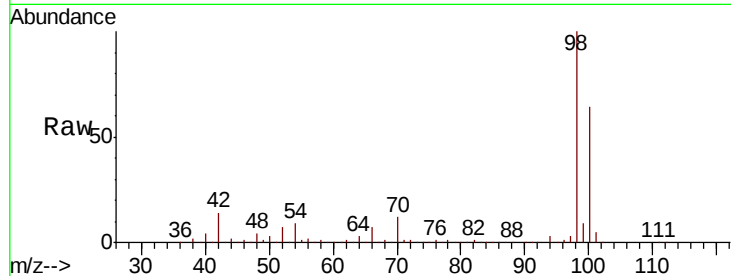
ClientSampled :

Tot Ion: 98 Resp: 370770

Ion Ratio Lower Upper

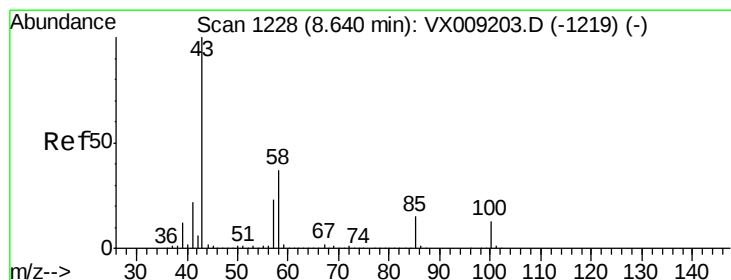
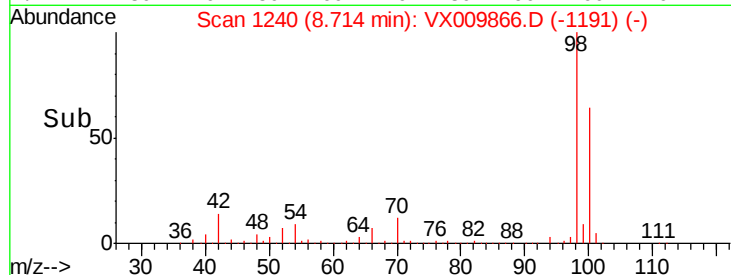
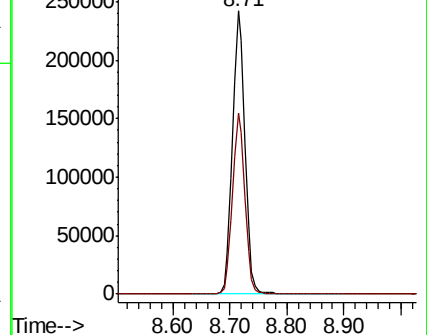
98 100

100 63.6 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: 0.215 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX009866.D

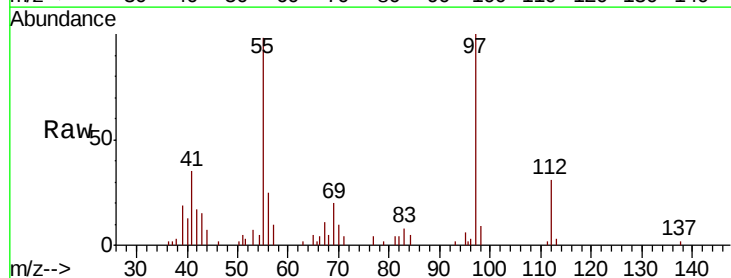
Acq: 23 May 2019 18:14

Tgt Ion: 43 Resp: 843

Ion Ratio Lower Upper

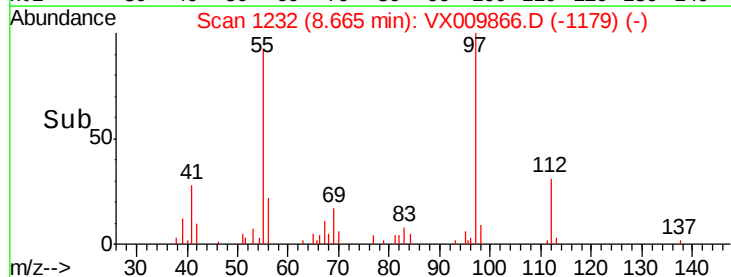
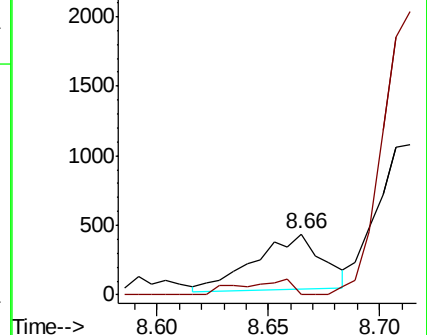
43 100

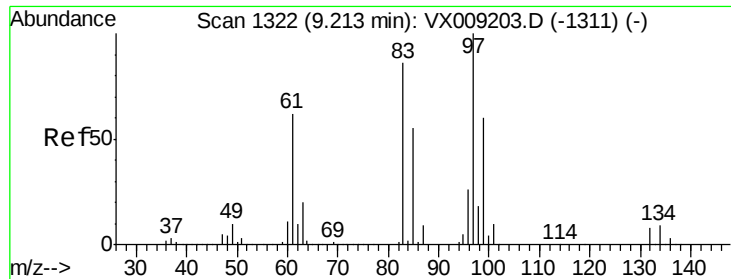
58 20.6 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

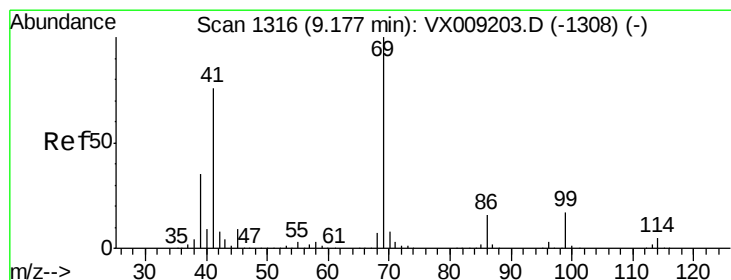
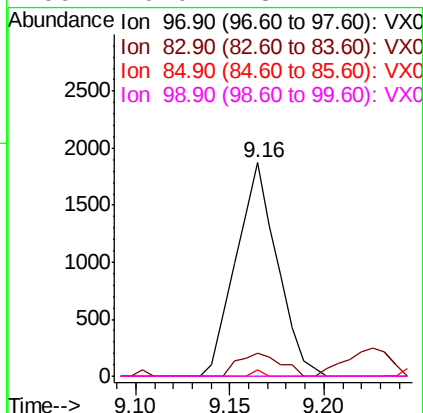
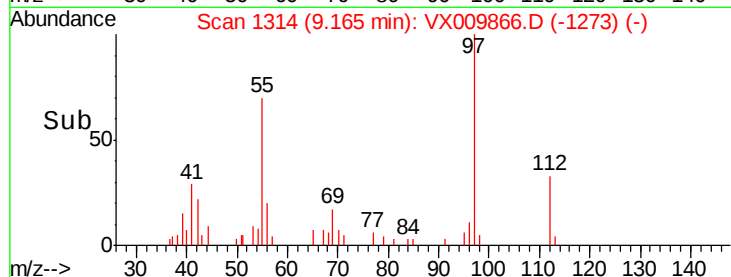
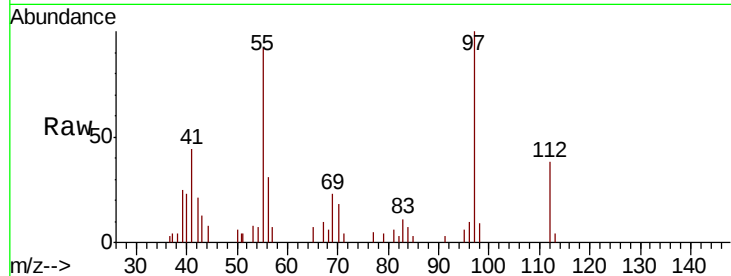




#55
 1,1,2-Trichloroethane
 Concen: 1.375 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX009866.D
 Acq: 23 May 2019 18:14

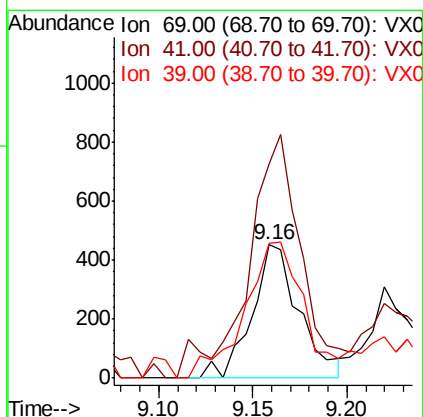
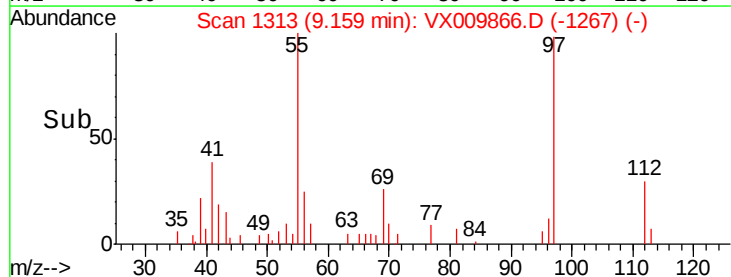
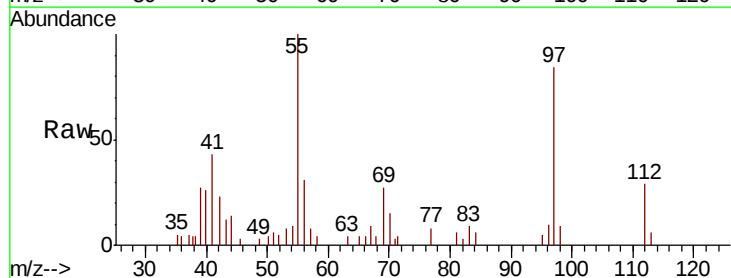
Instrument :
 MSVOA_X
 ClientSampleId :

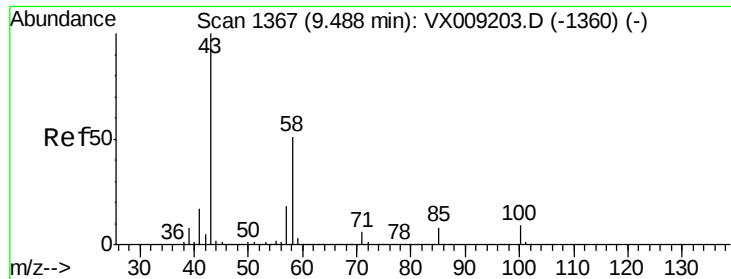
Tot Ion: 97 Resp: 2838
 Ion Ratio Lower Upper
 97 100
 83 11.1 68.9 103.3#
 85 2.8 43.8 65.6#
 99 0.0 48.2 72.2#



#56
 Ethyl methacrylate
 Concen: 0.214 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: VX009866.D
 Acq: 23 May 2019 18:14

Tgt Ion: 69 Resp: 788
 Ion Ratio Lower Upper
 69 100
 41 206.9 60.6 90.8#
 39 126.0 28.2 42.4#

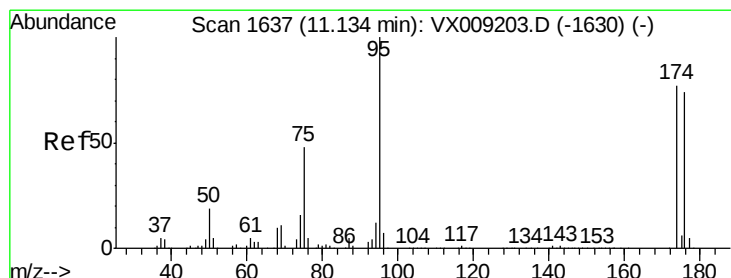
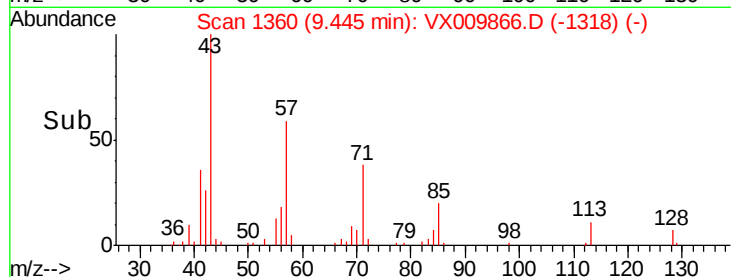
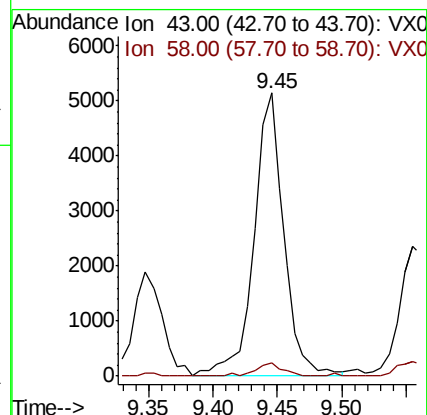
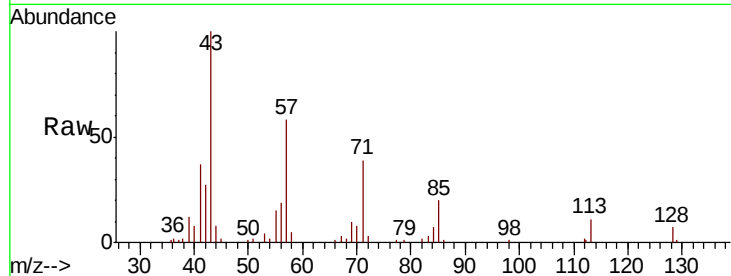




#59
2-Hexanone
Concen: 2.659 ug/l
RT: 9.45 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

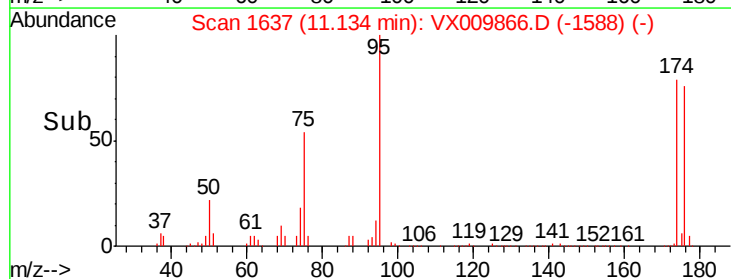
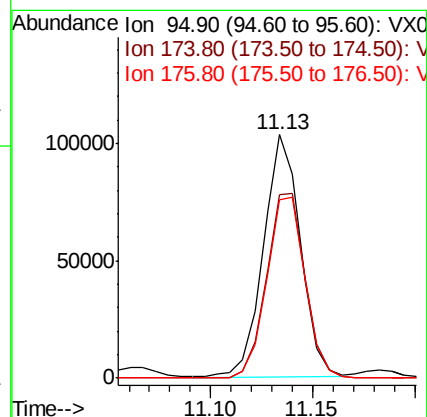
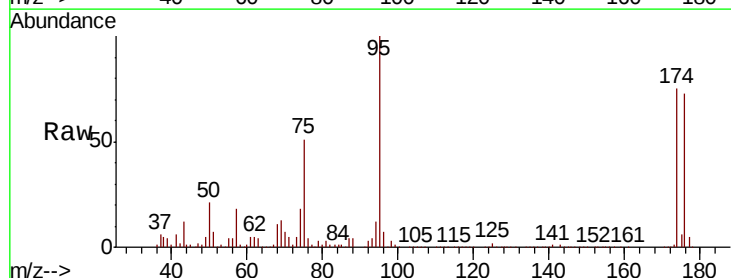
Instrument :
MSVOA_X
ClientSampled :

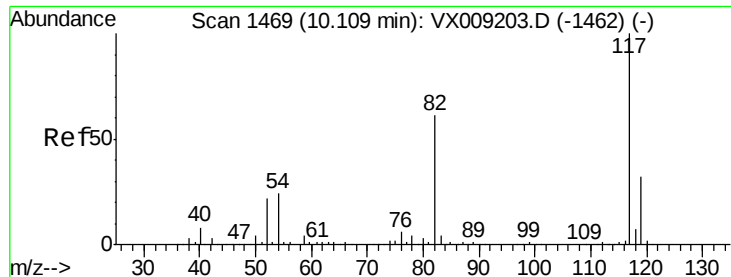
Tot Ion: 43 Resp: 8178
Ion Ratio Lower Upper
43 100
58 4.3 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 49.040 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Tgt Ion: 95 Resp: 130833
Ion Ratio Lower Upper
95 100
174 79.8 0.0 161.6
176 77.5 0.0 159.2

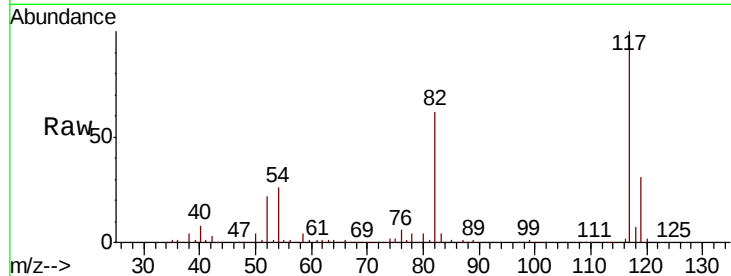




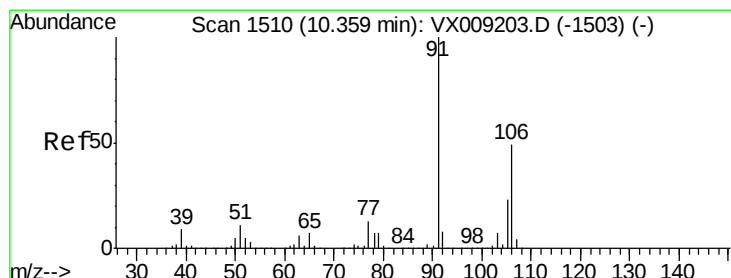
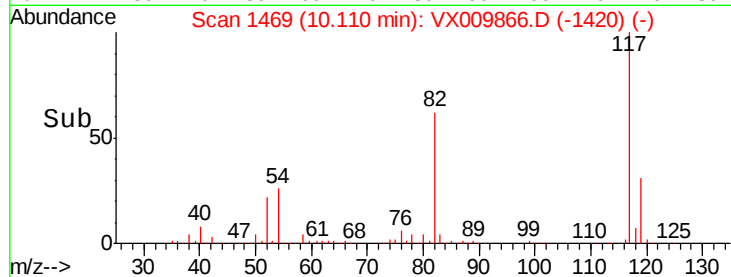
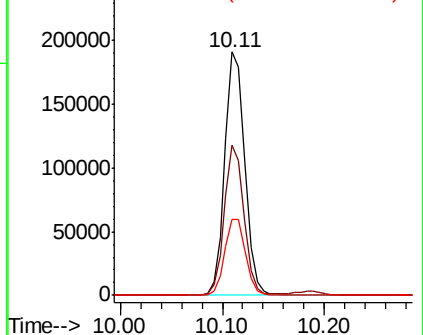
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 260973
Ion Ratio Lower Upper
117 100
82 61.5 48.8 73.2
119 31.4 25.8 38.6

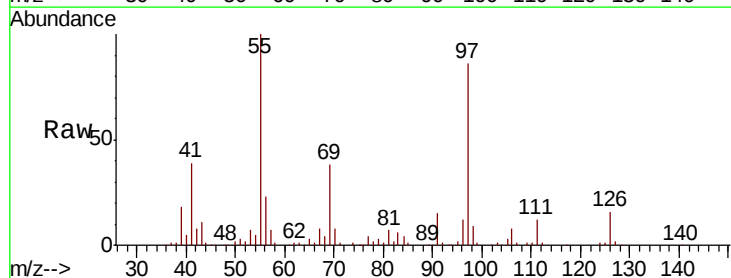


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

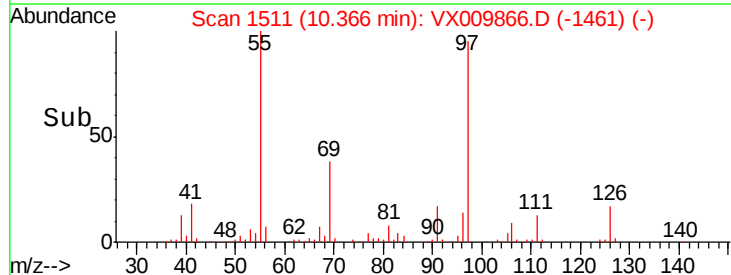
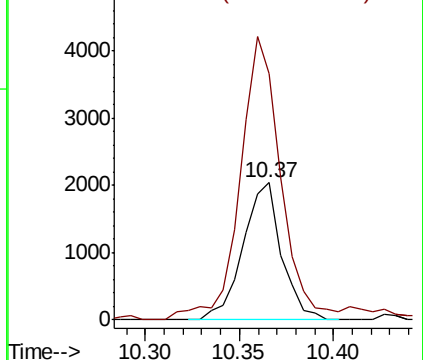


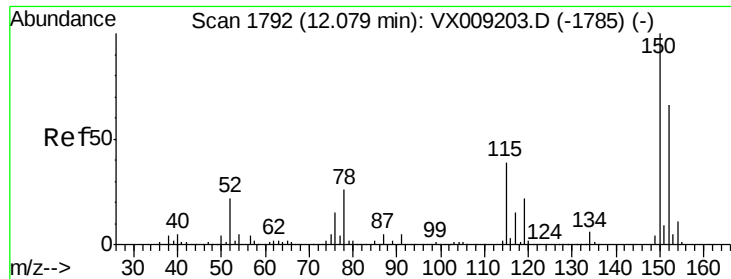
#68
m/p-Xylenes
Concen: 0.821 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Tgt Ion:106 Resp: 2881
Ion Ratio Lower Upper
106 100
91 218.7 164.0 246.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

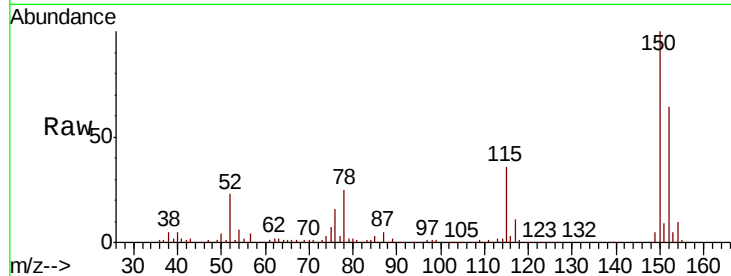
Tot Ion:152 Resp: 119699

Ion Ratio Lower Upper

152 100

115 58.9 41.2 123.6

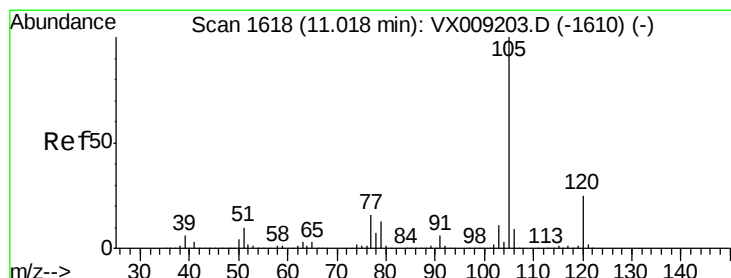
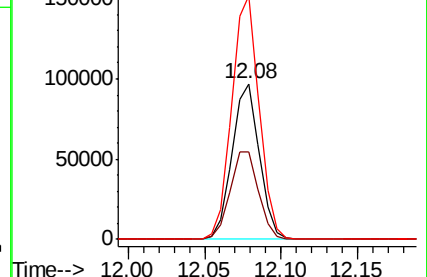
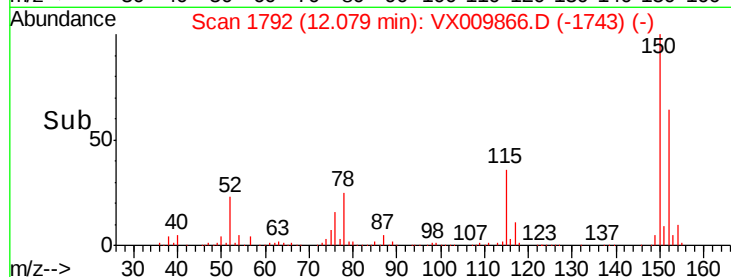
150 157.2 0.0 346.4



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: 3.115 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009866.D

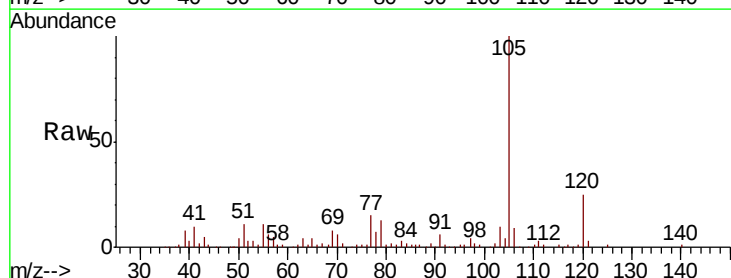
Acq: 23 May 2019 18:14

Tgt Ion:105 Resp: 27110

Ion Ratio Lower Upper

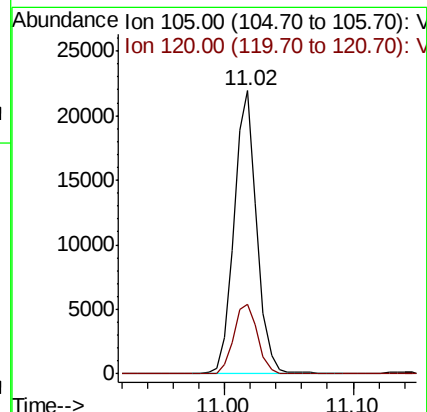
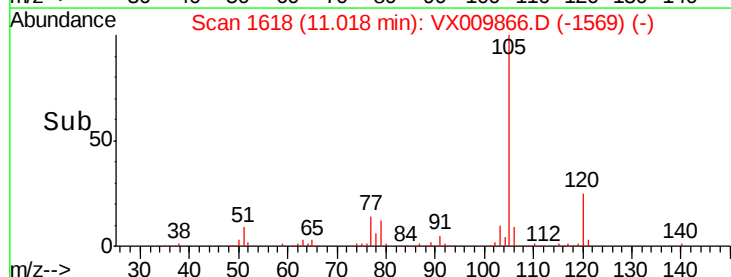
105 100

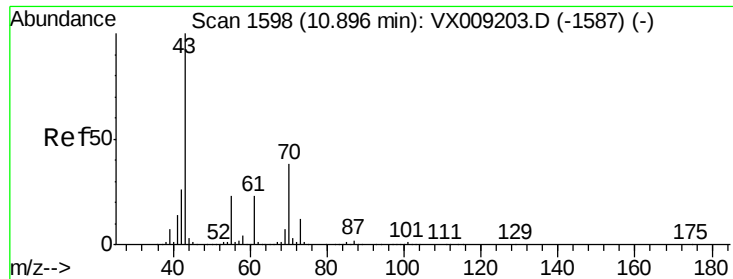
120 25.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.539 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 17958

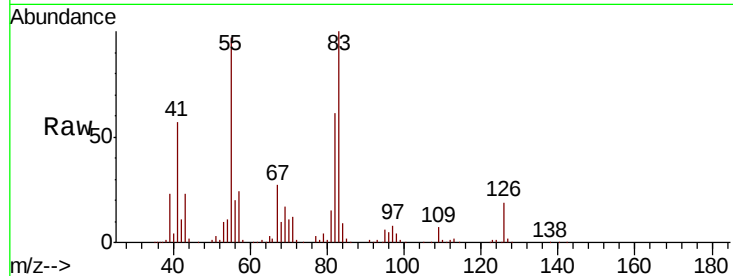
Ion Ratio Lower Upper

43 100

70 66.9 30.0 45.0#

55 374.8 17.9 26.9#

61 0.0 18.4 27.6#

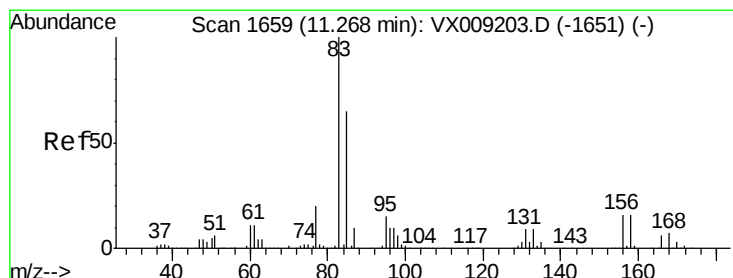
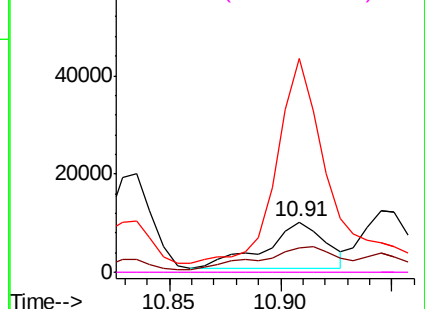
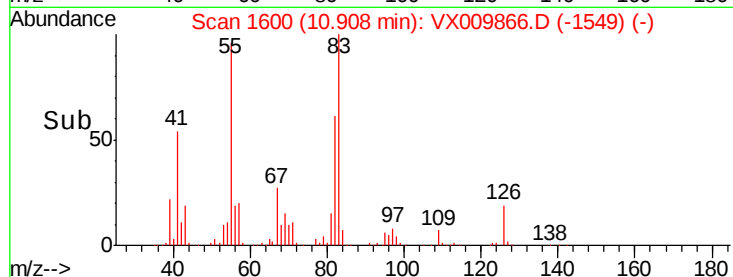


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 2.256 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

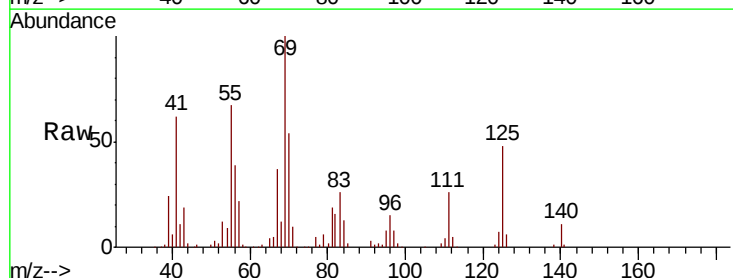
Tgt Ion: 83 Resp: 7321

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

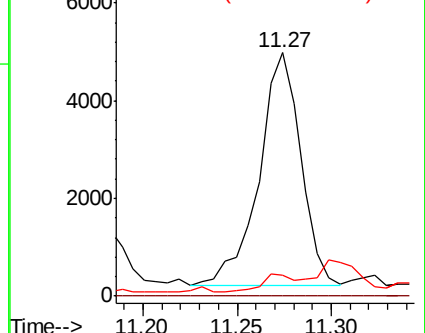
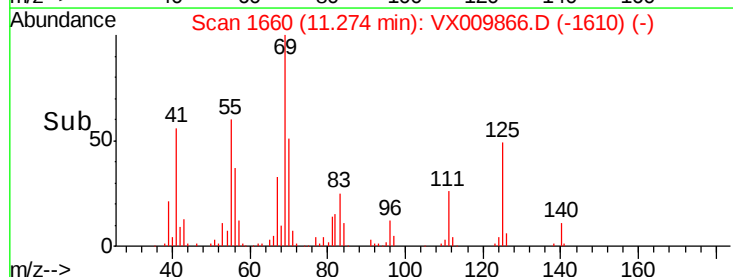
85 5.2 32.0 96.2#

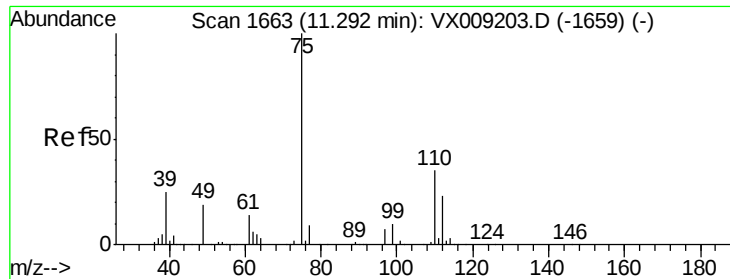


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



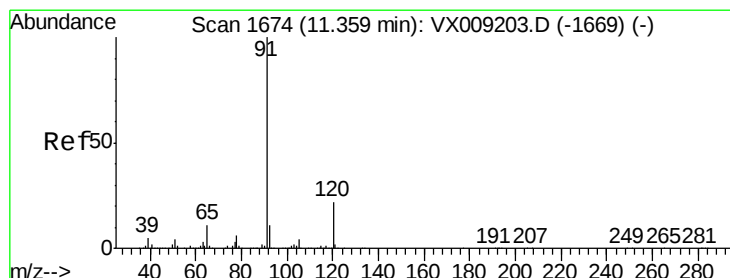
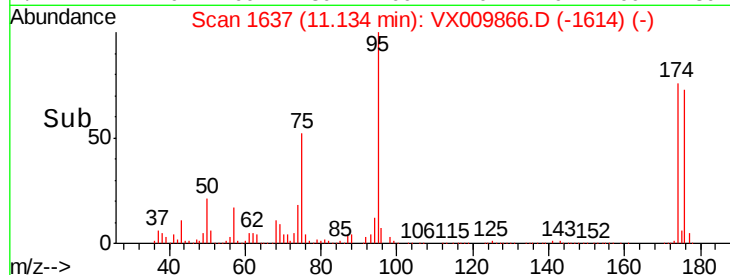
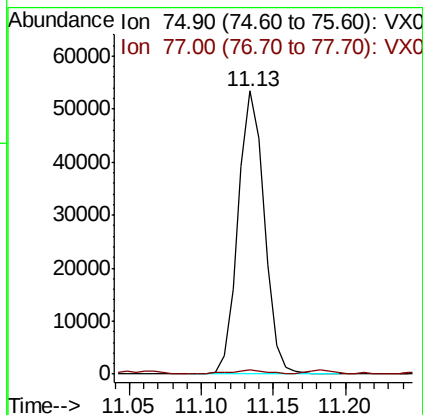
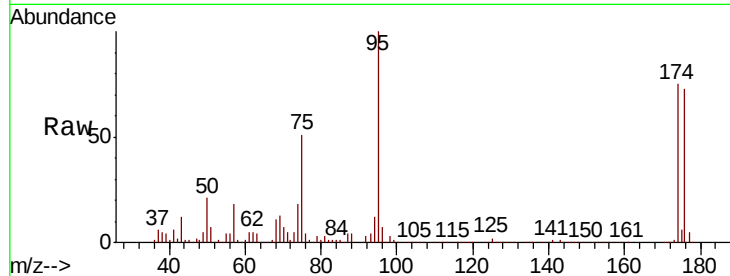


#76

1,2,3-Trichloropropane
Concen: 24.488 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Instrument :
MSVOA_X
ClientSampleId :

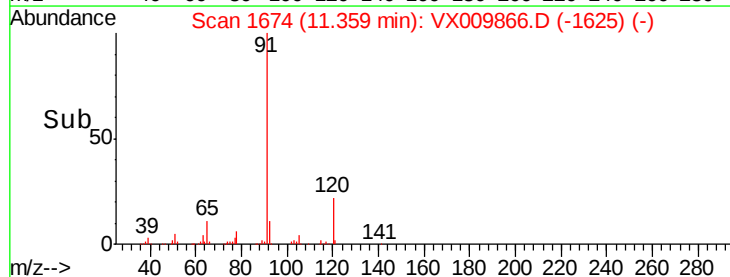
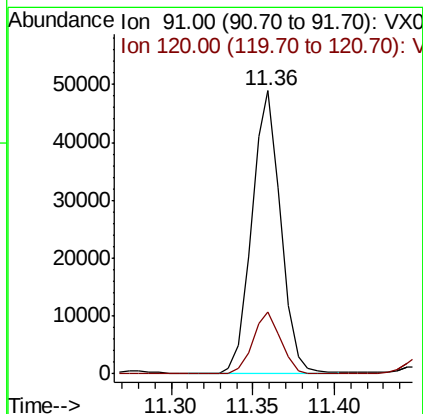
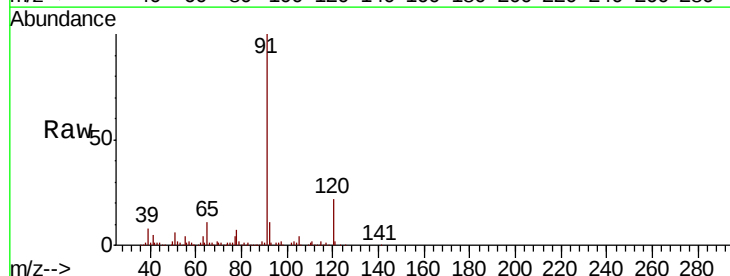
Tot Ion: 75 Resp: 67992
Ion Ratio Lower Upper
75 100
77 1.4 22.1 66.1#

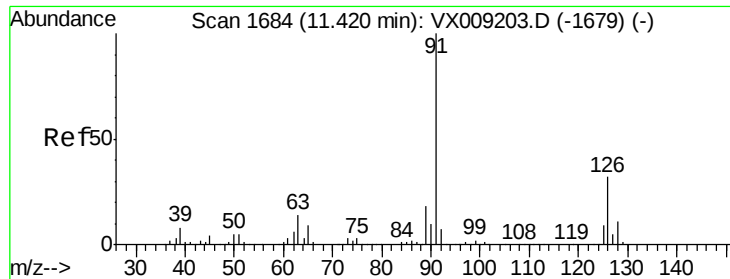


#78

n-propylbenzene
Concen: 6.063 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Tgt Ion: 91 Resp: 60275
Ion Ratio Lower Upper
91 100
120 21.2 11.0 33.0

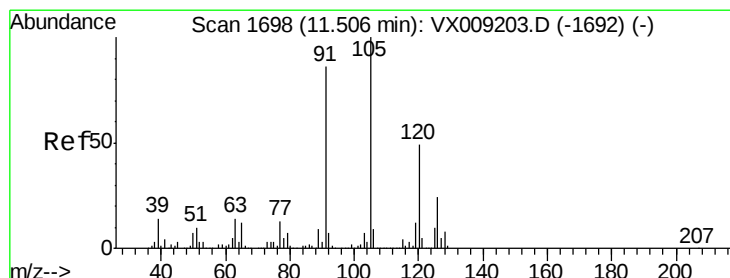
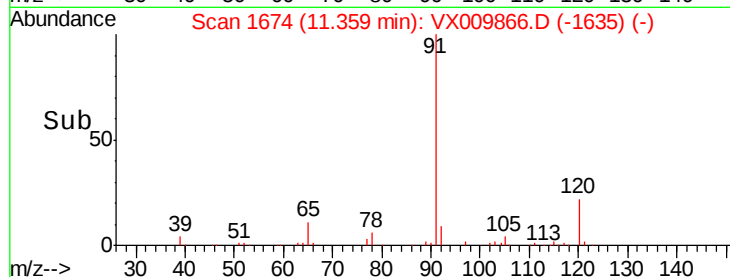
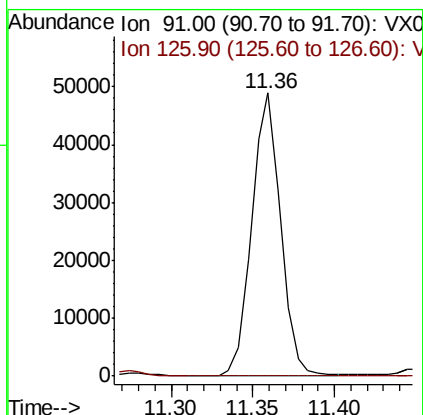
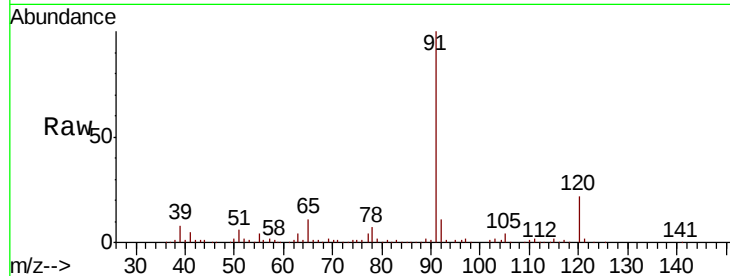




#79
 2-Chlorotoluene
 Concen: 9.828 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.06 min
 Lab File: VX009866.D
 Acq: 23 May 2019 18:14

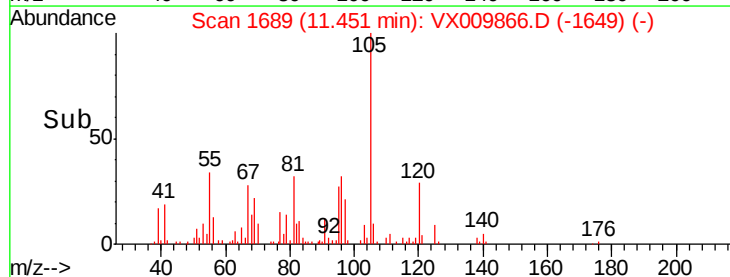
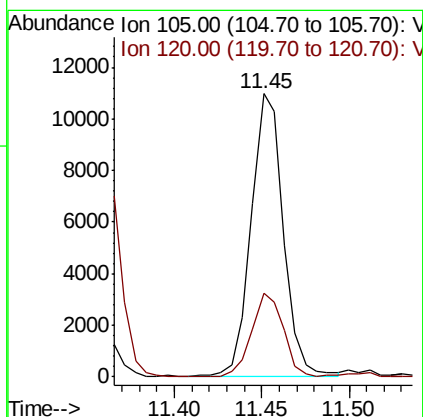
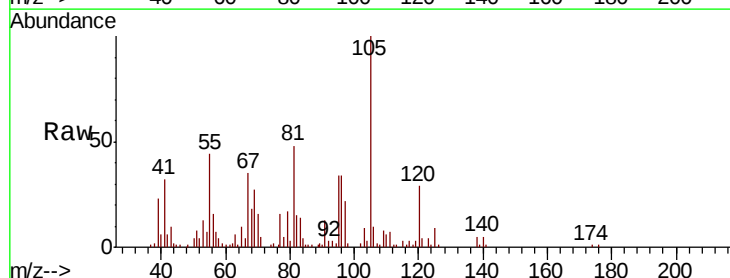
Instrument :
 MSVOA_X
 ClientSampled :

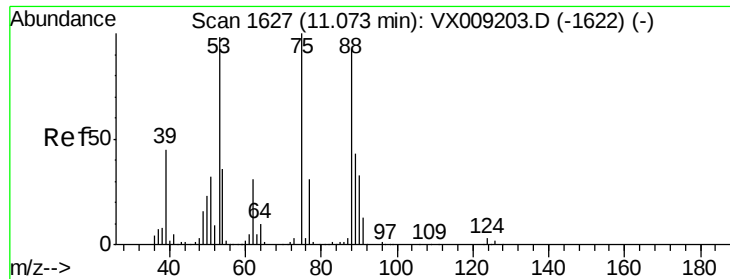
Tot Ion: 91 Resp: 60275
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.3 48.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.940 ug/l
 RT: 11.45 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: VX009866.D
 Acq: 23 May 2019 18:14

Tgt Ion:105 Resp: 14215
 Ion Ratio Lower Upper
 105 100
 120 28.9 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 62.655 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

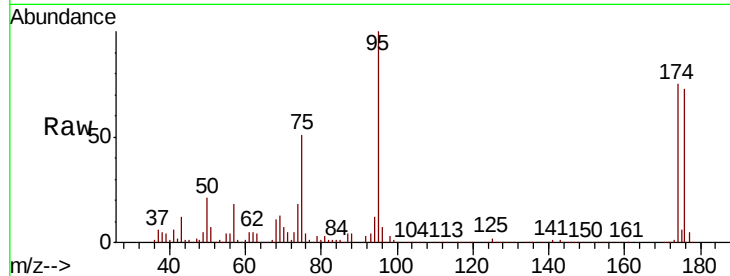
Tot Ion: 75 Resp: 67992

Ion Ratio Lower Upper

75 100

53 1.5 79.0 118.6#

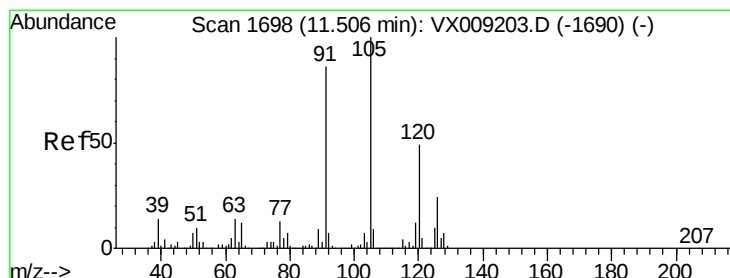
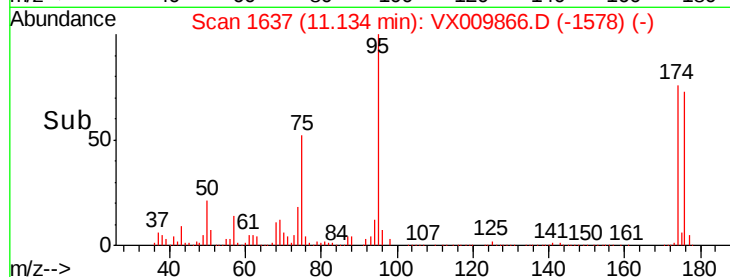
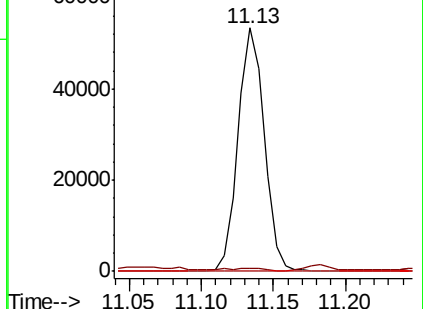
89 0.0 34.7 52.1#



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: 8.700 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX009866.D

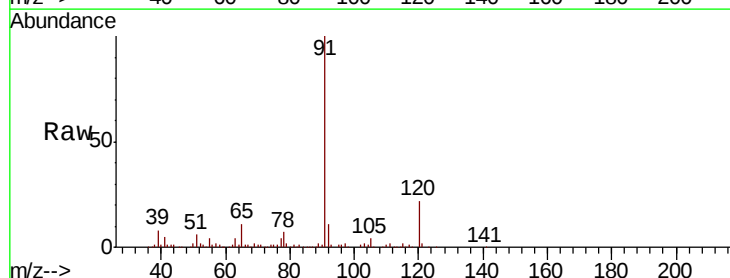
Acq: 23 May 2019 18:14

Tgt Ion: 91 Resp: 60275

Ion Ratio Lower Upper

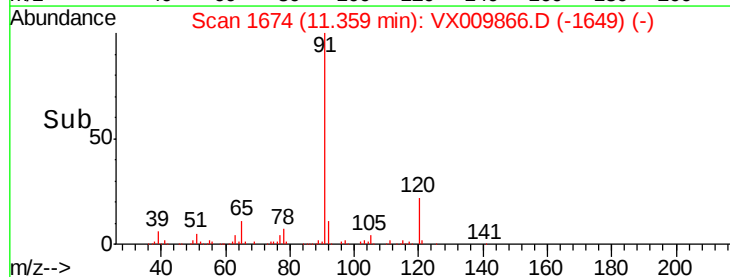
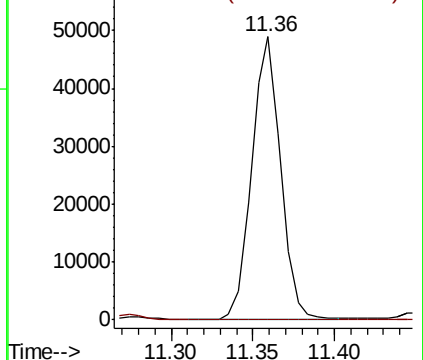
91 100

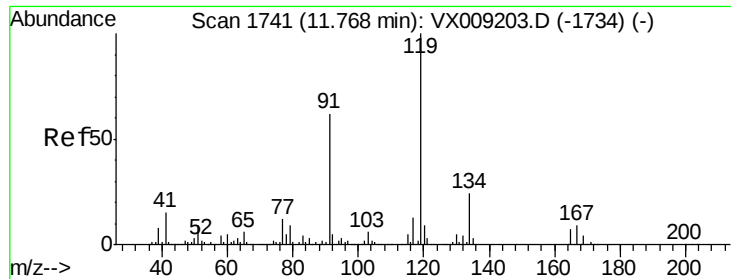
126 0.0 14.5 43.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.509 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

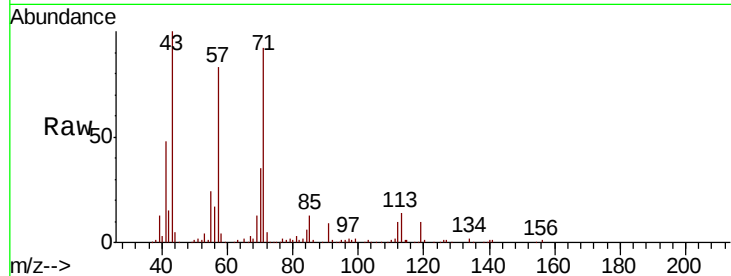
Tot Ion:119 Resp: 3631

Ion Ratio Lower Upper

119 100

91 72.2 29.5 88.5

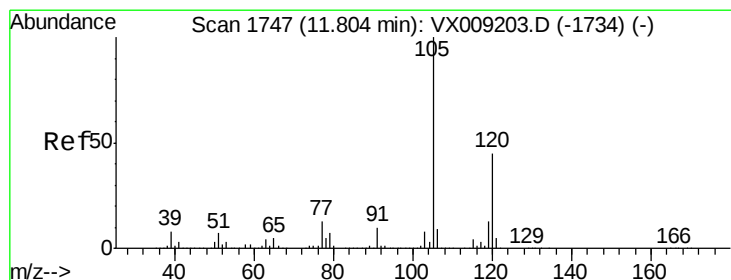
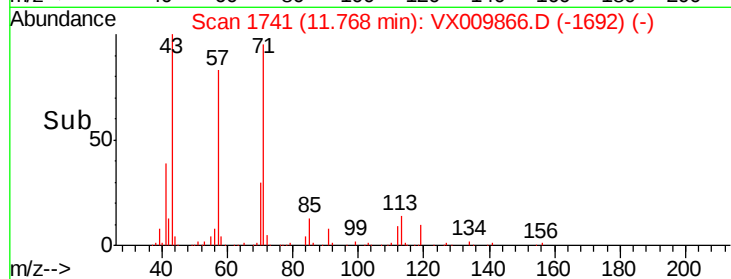
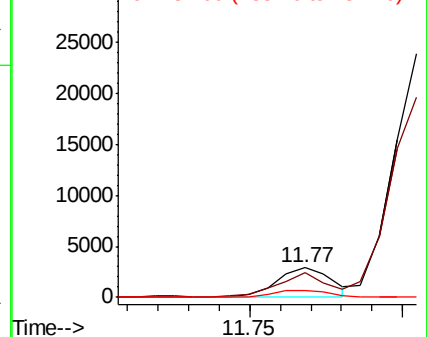
134 25.4 11.4 34.1



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: 30.746 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009866.D

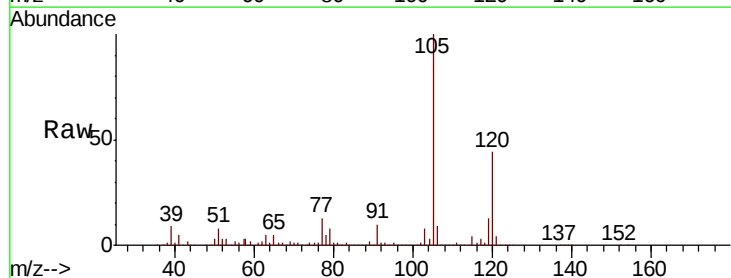
Acq: 23 May 2019 18:14

Tgt Ion:105 Resp: 226187

Ion Ratio Lower Upper

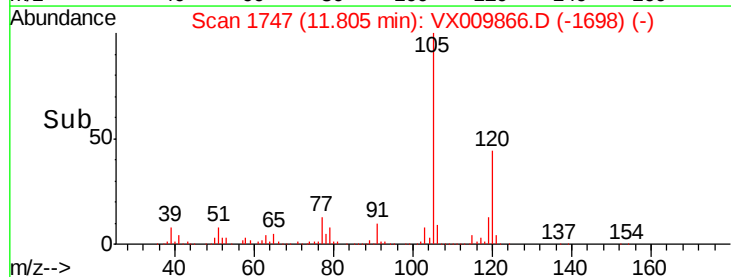
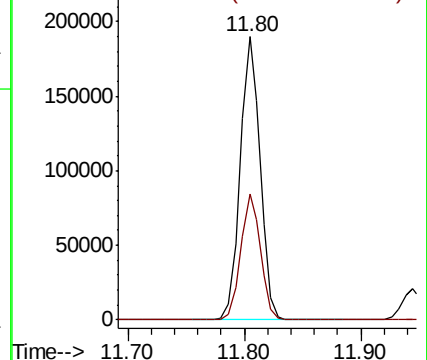
105 100

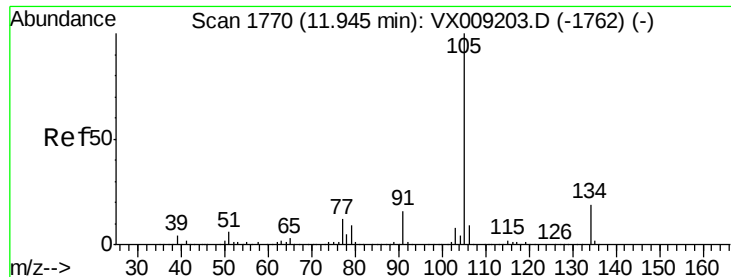
120 44.5 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.955 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

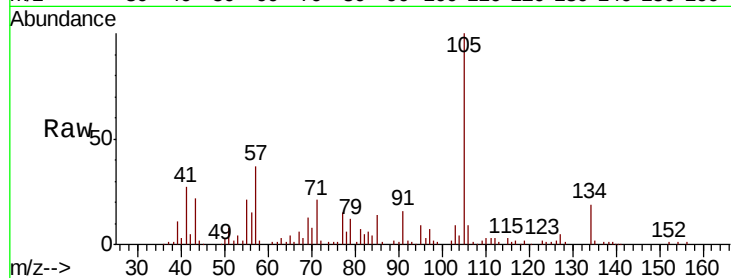
ClientSampleId :

Tot Ion:105 Resp: 24974

Ion Ratio Lower Upper

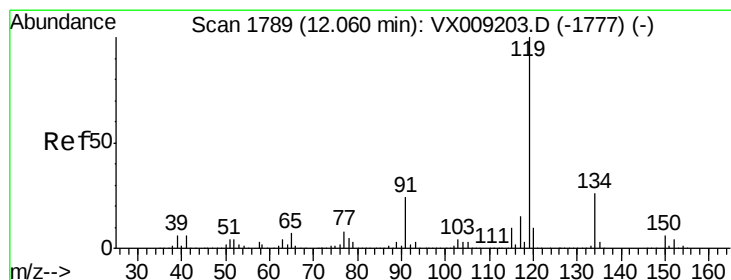
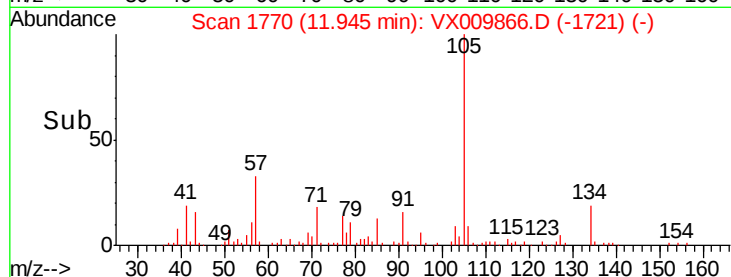
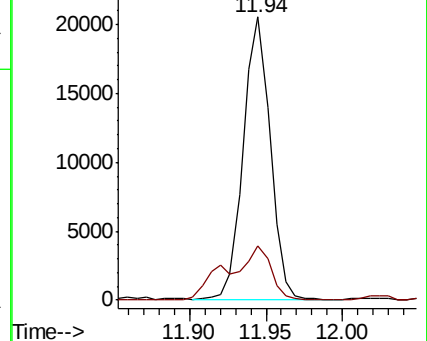
105 100

134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.640 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

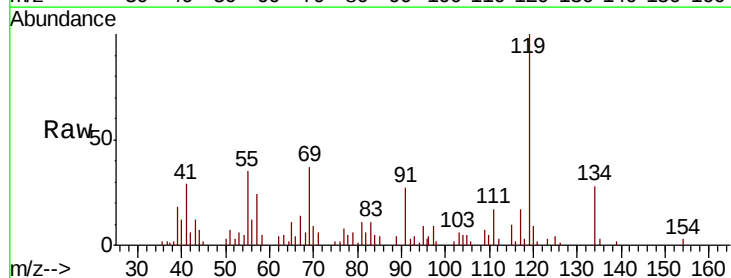
Tgt Ion:119 Resp: 4864

Ion Ratio Lower Upper

119 100

134 28.0 12.9 38.7

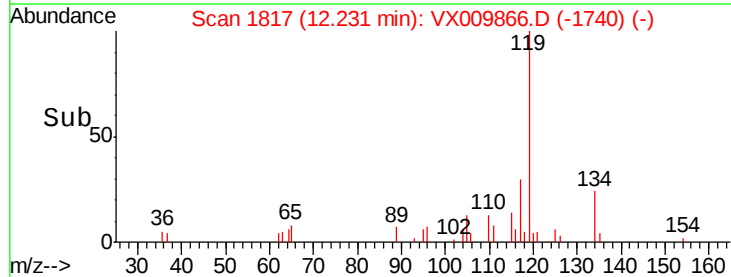
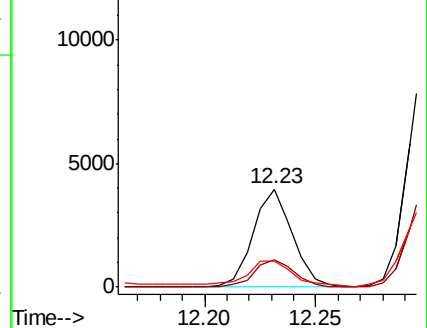
91 33.4 11.8 35.4

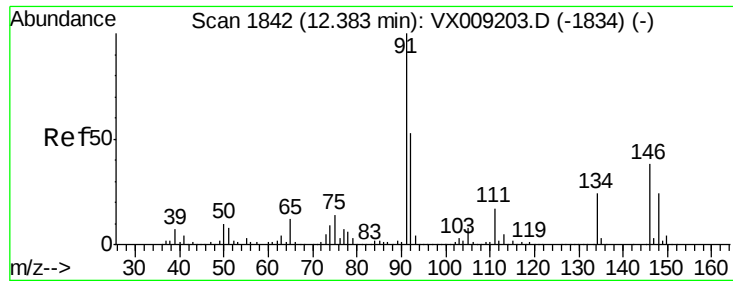


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

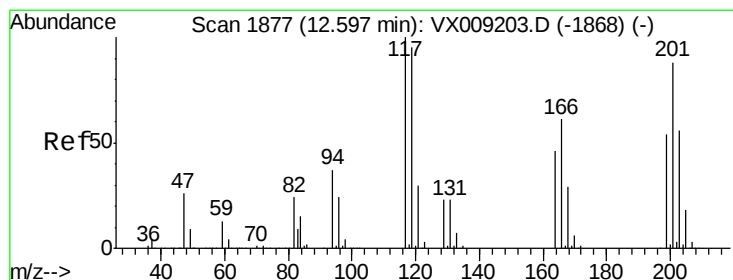
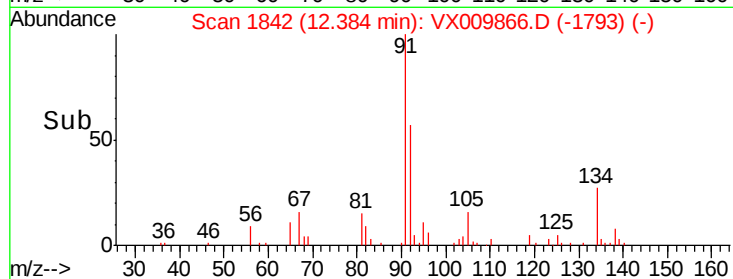
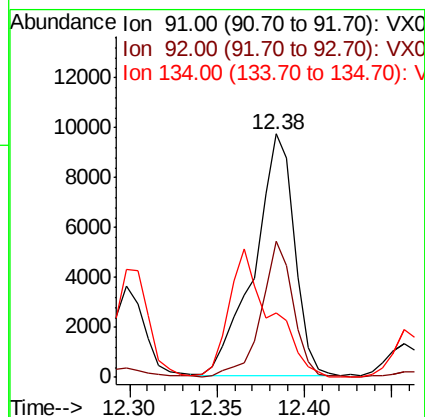
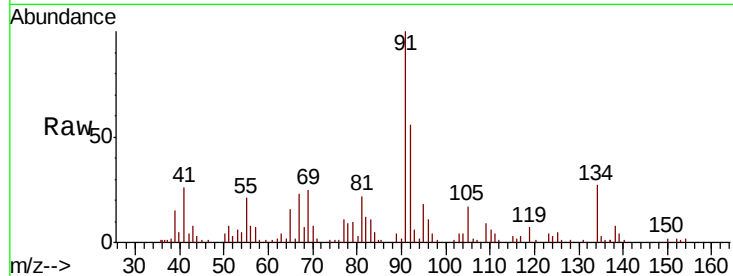




#89
n-Butylbenzene
Concen: 2.237 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

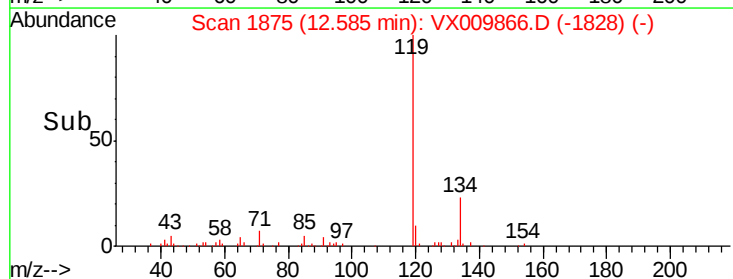
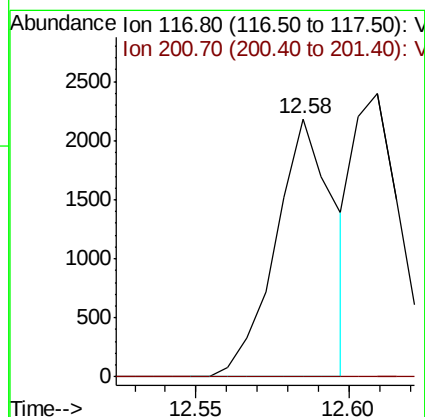
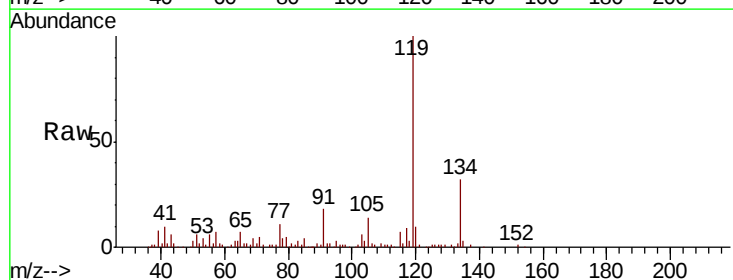
Instrument :
MSVOA_X
ClientSampleId :

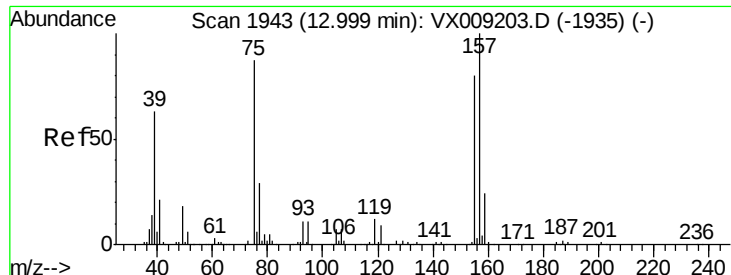
Tot Ion: 91 Resp: 15364
Ion Ratio Lower Upper
91 100
92 45.5 26.5 79.5
134 56.5 12.4 37.2#



#90
Hexachloroethane
Concen: 2.239 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX009866.D
Acq: 23 May 2019 18:14

Tgt Ion: 117 Resp: 2899
Ion Ratio Lower Upper
117 100
201 0.0 42.3 126.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.422 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX009866.D

Acq: 23 May 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 307

Ion Ratio Lower Upper

75 100

155 0.0 42.0 126.0#

157 0.0 53.2 159.6#

