

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009863.D
 Acq On : 23 May 2019 17:04
 Operator : JC/SP
 Sample : K2976-02 10X
 Misc : 5.76g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 24 03:52:36 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	5.66	168	169677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110592	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	114557	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	5.50	113	81976	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	346079	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	158537	64.08	ug/l	0.00
Spiked Amount			Recovery	=	128.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	487	0.228	ug/l #	81
5) Bromomethane	1.64	94	1053	0.843	ug/l	99
10) Methyl Iodide	2.51	142	622	4.900	ug/l #	95
11) Tert butyl alcohol	3.02	59	5826	10.866	ug/l #	77
13) Acrolein	2.29	56	235	0.484	ug/l	87
16) Acetone	2.45	43	1012	0.814	ug/l	90
17) Carbon Disulfide	2.57	76	1485	0.332	ug/l #	89
18) Methyl Acetate	2.78	43	615	0.208	ug/l #	78
25) 2-Butanone	4.71	43	1440	0.745	ug/l #	53
28) Bromochloromethane	5.00	49	128	Below Cal	#	20
36) 1,1-Dichloropropene	5.67	75	13534	5.428	ug/l #	51
38) Carbon Tetrachloride	5.66	117	16071	7.095	ug/l #	16
39) Methylcyclohexane	7.46	83	4522	1.477	ug/l	89
51) 4-Methyl-2-Pentanone	8.66	43	4059	1.118	ug/l #	45
55) 1,1,2-Trichloroethane	9.16	97	14951	7.813	ug/l #	20
56) Ethyl methacrylate	9.16	69	3948	1.156	ug/l #	1
59) 2-Hexanone	9.29	43	2480	0.869	ug/l	84
67) Ethyl Benzene	10.24	91	2155	0.237	ug/l #	77
68) m/p-Xylenes	10.36	106	3556	1.072	ug/l #	1
73) Isopropylbenzene	11.02	105	185650	23.085	ug/l	99
74) N-amyl acetate	10.91	43	593138	126.505	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	231424	77.193	ug/l #	25
76) 1,2,3-Trichloropropane	11.36	75	2870	1.119	ug/l #	1
78) n-propylbenzene	11.36	91	508652	55.382	ug/l	98
79) 2-Chlorotoluene	11.45	91	21438	3.783	ug/l	72
80) 1,3,5-Trimethylbenzene	11.51	105	14328	2.116	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.02	75	2318	2.312	ug/l #	1
82) 4-Chlorotoluene	11.45	91	21438	3.349	ug/l	77
83) tert-Butylbenzene	11.77	119	40177	6.099	ug/l	80
84) 1,2,4-Trimethylbenzene	11.80	105	192320	28.295	ug/l	99
85) sec-Butylbenzene	11.94	105	365262	46.770	ug/l	98
86) p-Isopropyltoluene	12.06	119	49411	7.038	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	811	0.226	ug/l #	1
89) n-Butylbenzene	12.38	91	303978	47.903	ug/l	89

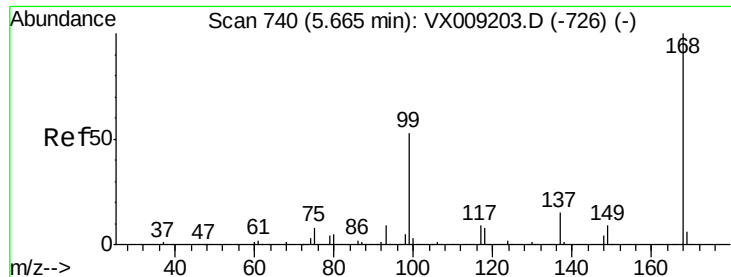
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
Data File : VX009863.D
Acq On : 23 May 2019 17:04
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ClientSampleId :

Quant Time: May 24 03:52:36 2019
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)
90) Hexachloroethane	12.58	117	5273	4.408	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2119	3.151	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.65	180	959	0.387	ug/l #	1
94) Hexachlorobutadiene	13.78	225	535	0.423	ug/l	85
95) Naphthalene	13.83	128	3068	0.380	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.01	180	1073	0.427	ug/l #	1

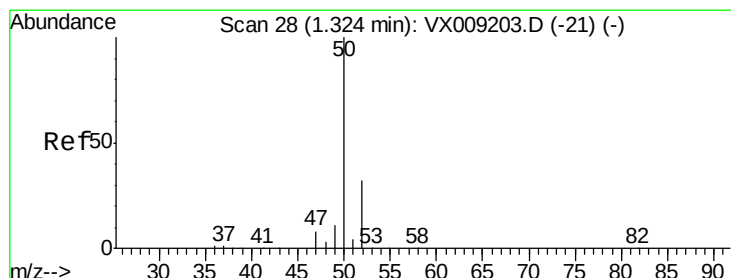
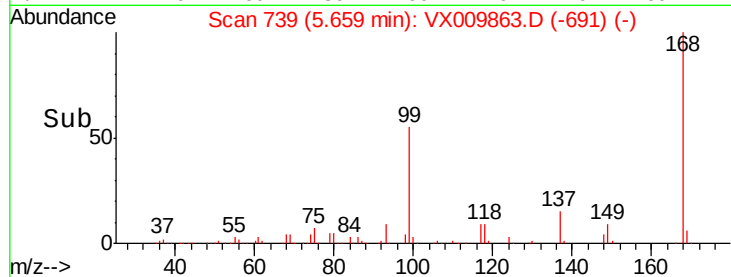
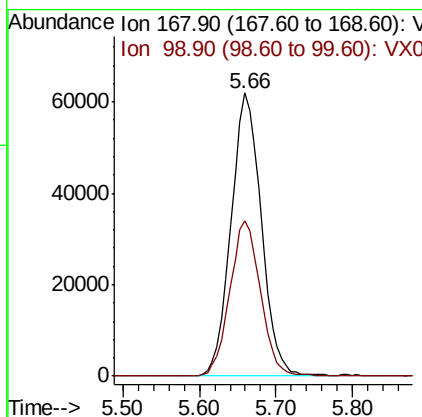
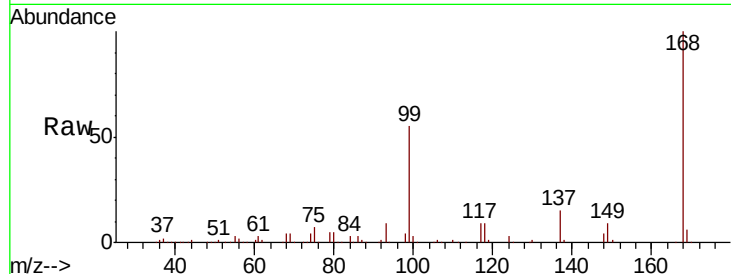
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

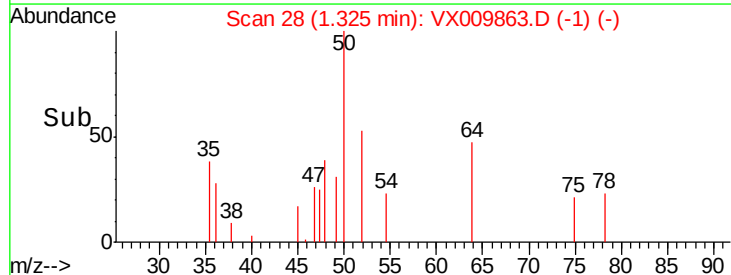
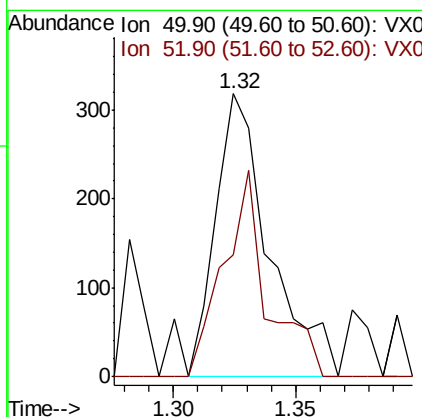
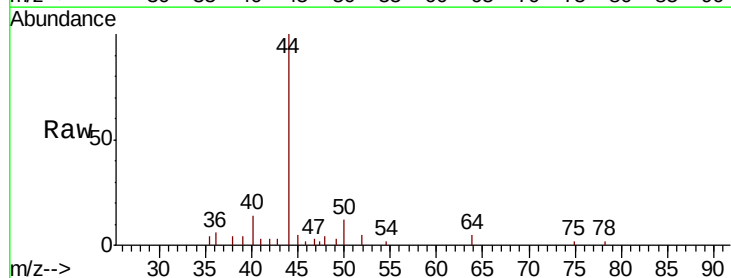
Instrument :
MSVOA_X
ClientSampleId :

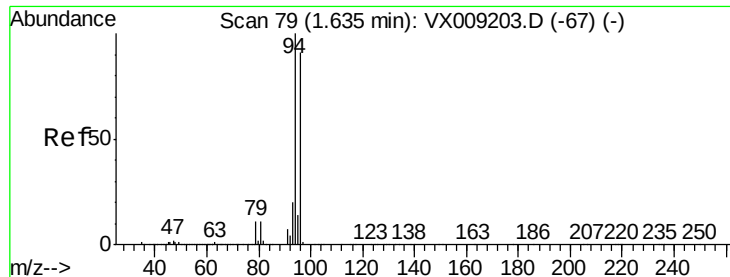
Tot Ion:168 Resp: 169677
Ion Ratio Lower Upper
168 100
99 54.7 42.3 63.5



#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 43.1 25.9 38.9#





#5

Bromomethane

Concen: 0.843 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

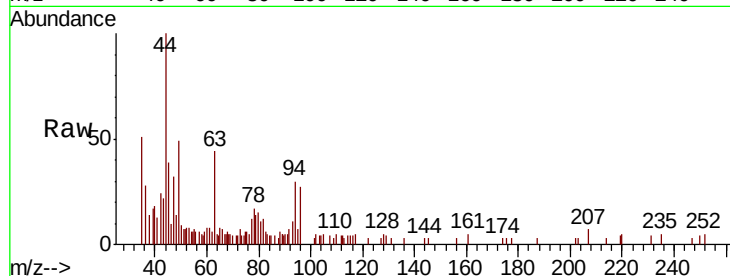
ClientSampled :

Tot Ion: 94 Resp: 1053

Ion Ratio Lower Upper

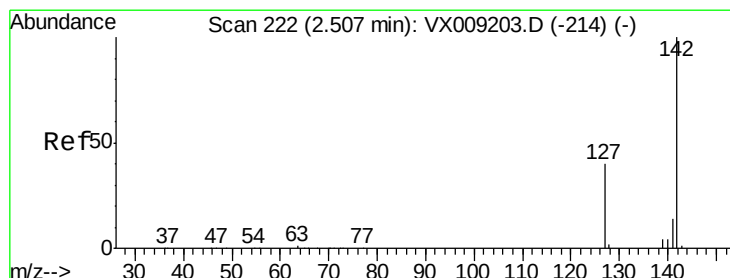
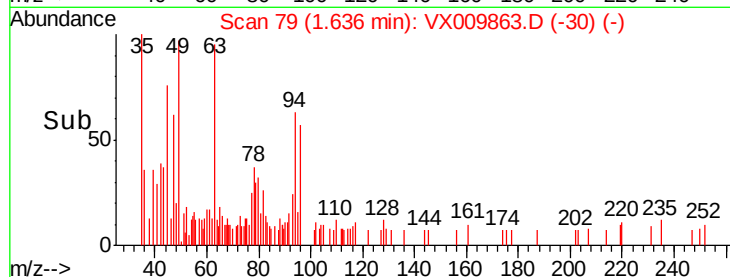
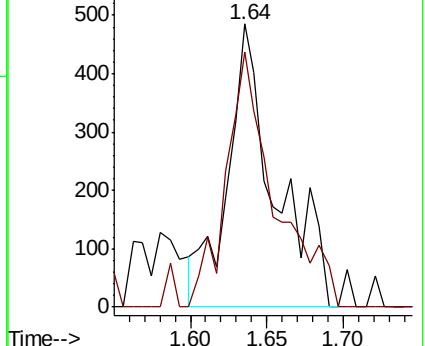
94 100

96 90.1 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 4.900 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

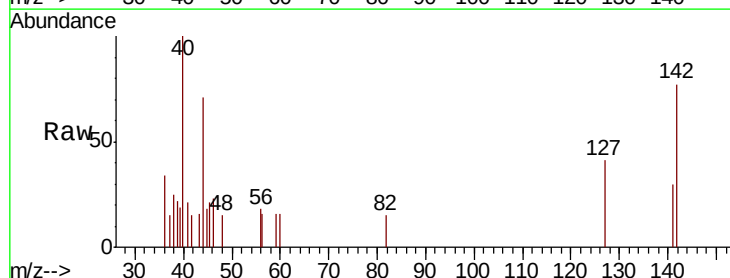
Tgt Ion: 142 Resp: 622

Ion Ratio Lower Upper

142 100

127 43.6 32.7 49.1

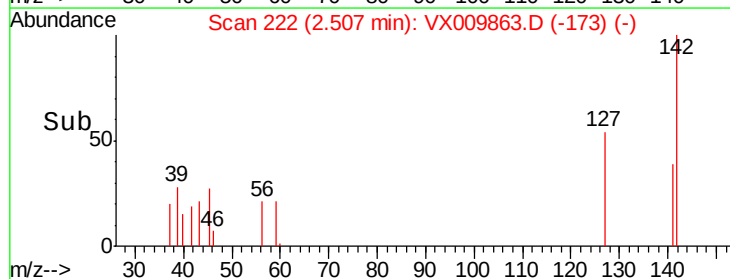
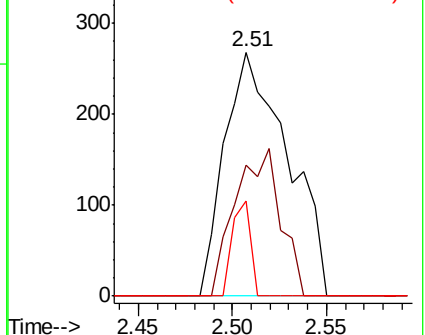
141 11.3 11.5 17.3#

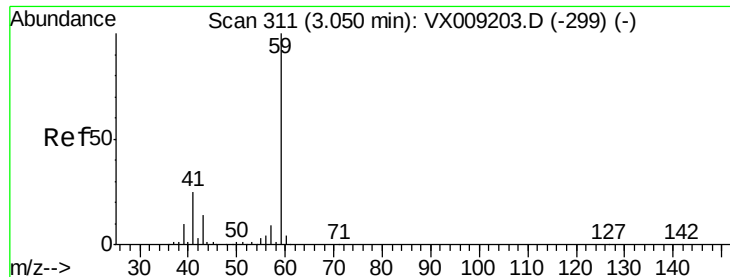


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



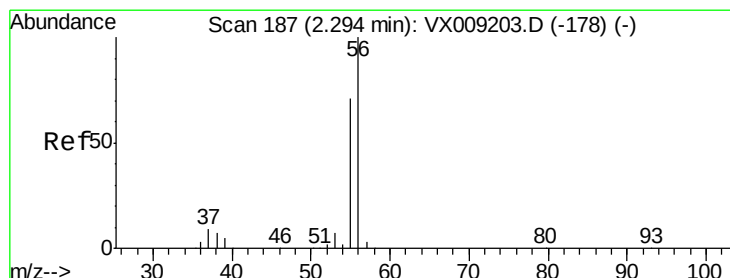
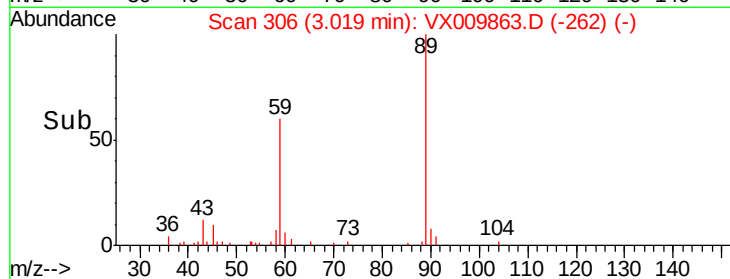
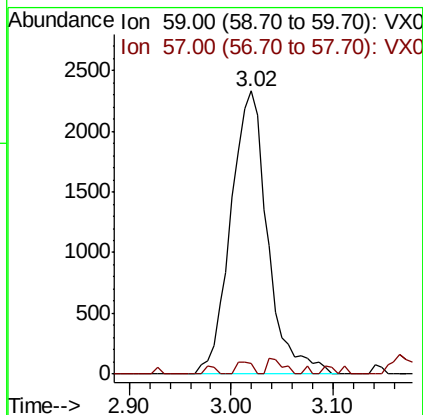
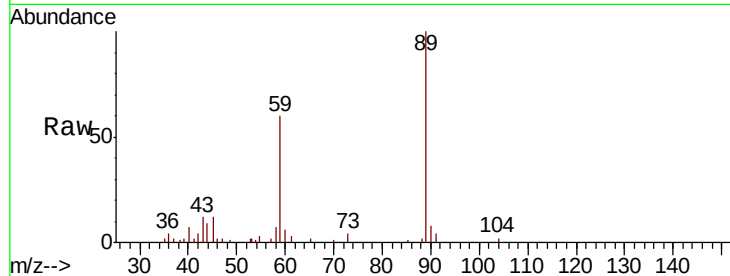


#11

Tert butyl alcohol
 Concen: 10.866 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.03 min
 Lab File: VX009863.D
 Acq: 23 May 2019 17:04

Instrument :
 MSVOA_X
 ClientSampled :

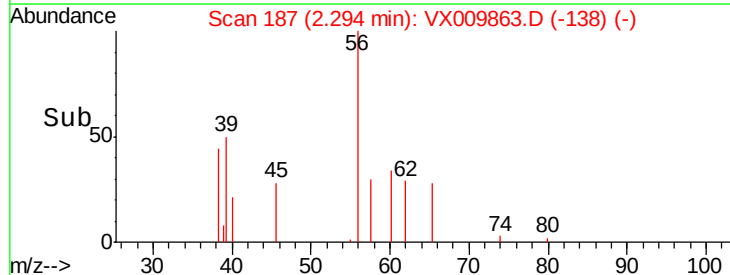
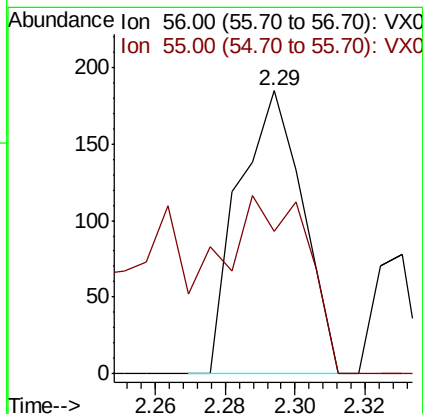
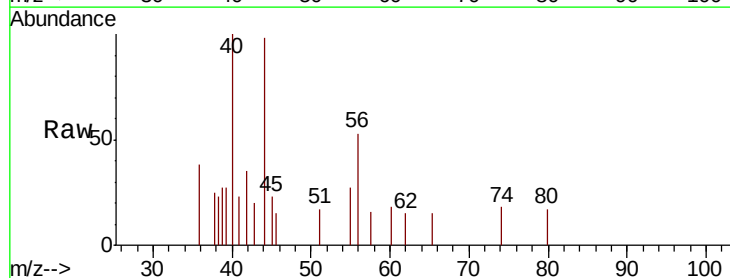
Tot Ion: 59 Resp: 5826
 Ion Ratio Lower Upper
 59 100
 57 1.8 8.2 12.2#

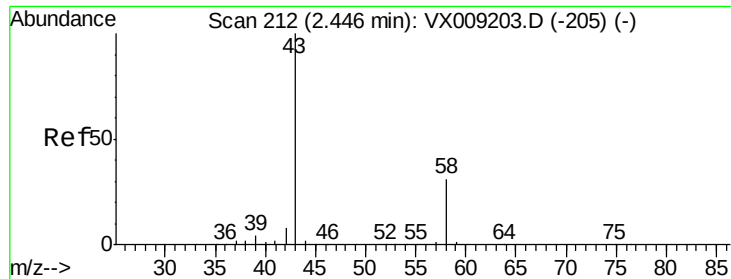


#13

Acrolein
 Concen: 0.484 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX009863.D
 Acq: 23 May 2019 17:04

Tgt Ion: 56 Resp: 235
 Ion Ratio Lower Upper
 56 100
 55 60.4 56.6 85.0

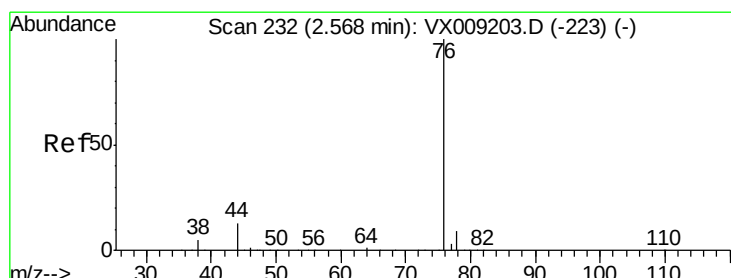
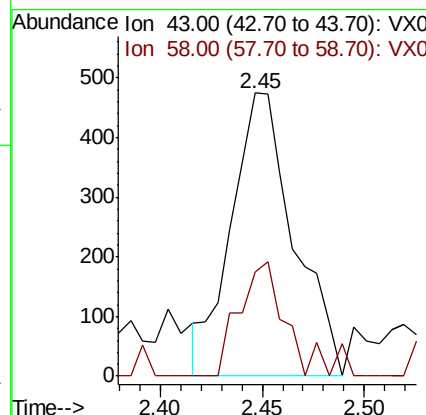
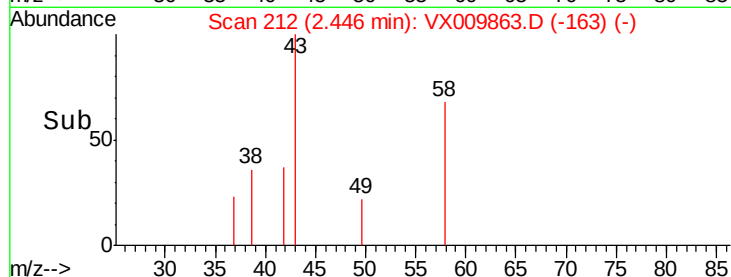
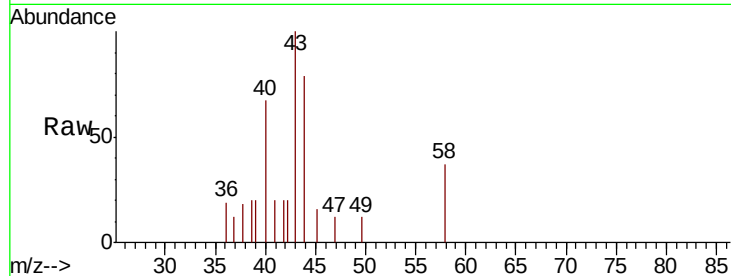




#16
Acetone
Concen: 0.814 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

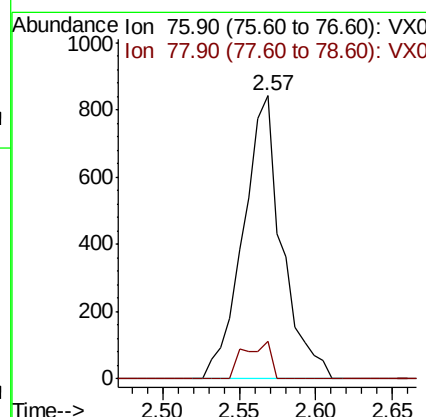
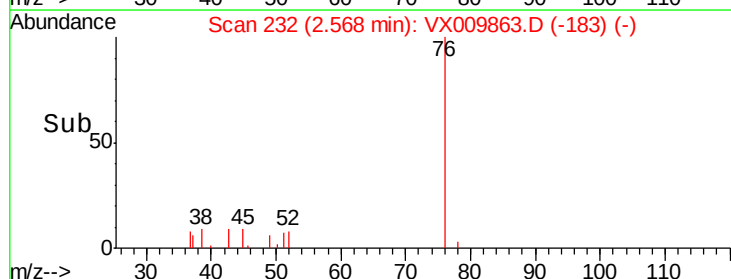
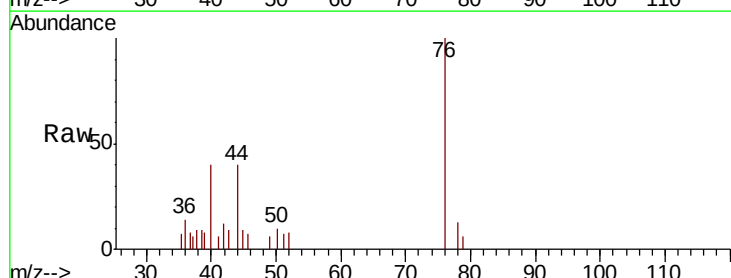
Instrument :
MSVOA_X
ClientSampled :

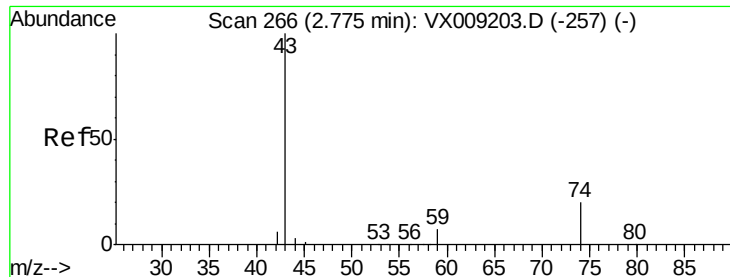
Tot Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 36.7 24.9 37.3



#17
Carbon Disulfide
Concen: 0.332 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

Tgt Ion: 76 Resp: 1485
Ion Ratio Lower Upper
76 100
78 13.2 7.4 11.0#

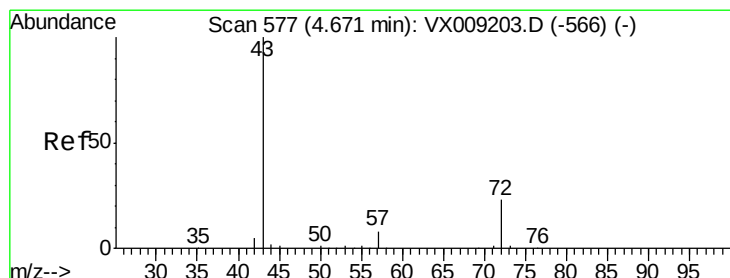
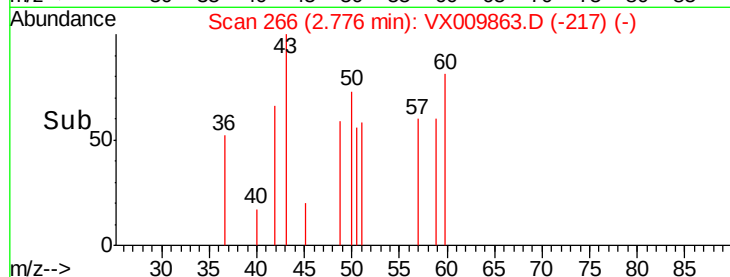
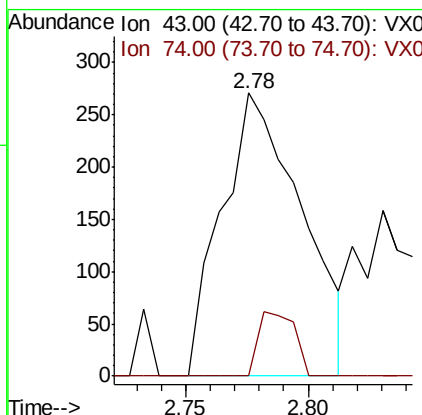
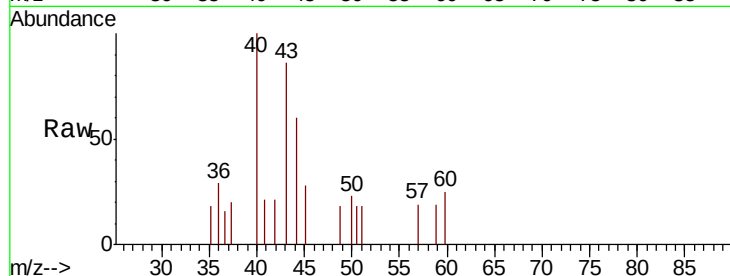




#18
Methvl Acetate
Concen: 0.208 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

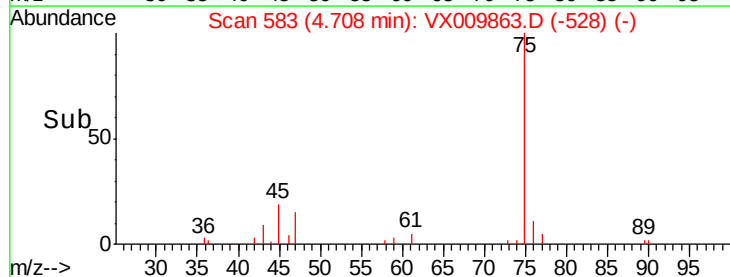
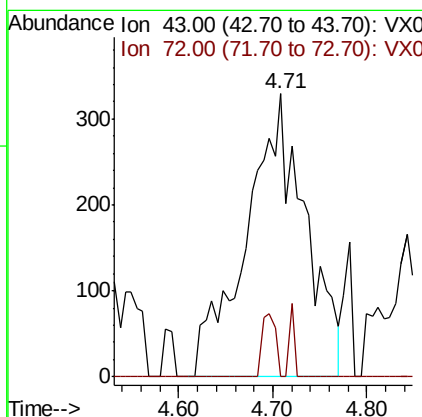
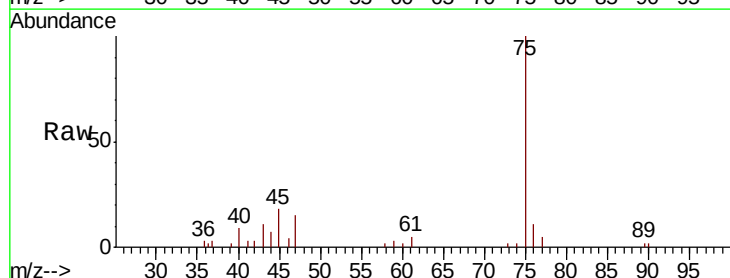
Instrument :
MSVOA_X
ClientSampled :

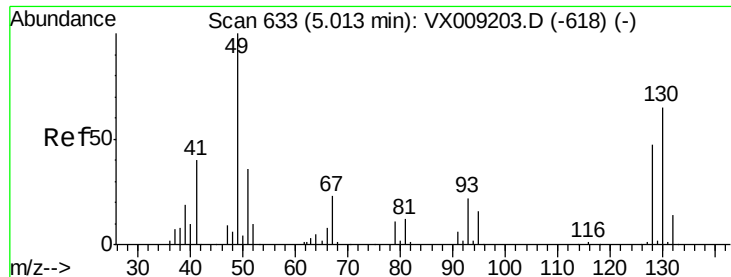
Tot Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
74 10.2 16.2 24.4#



#25
2-Butanone
Concen: 0.745 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.04 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

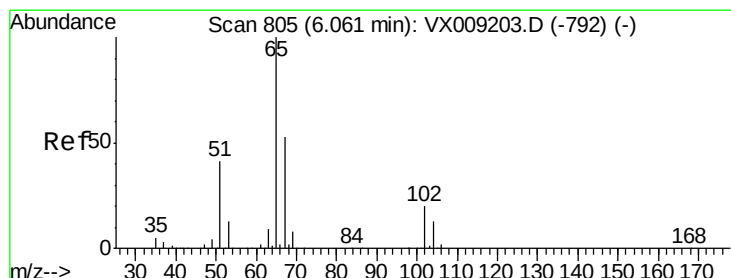
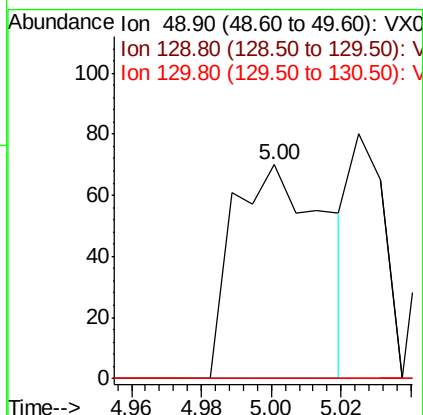
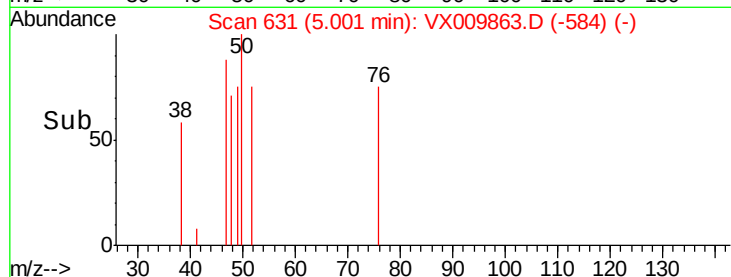
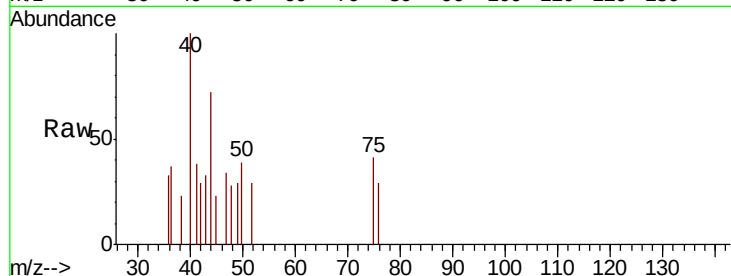
Tot Ion: 49 Resp: 128

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 0.0 51.2 76.8#



#33

1,2-Dichloroethane-d4

Concen: 49.457 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009863.D

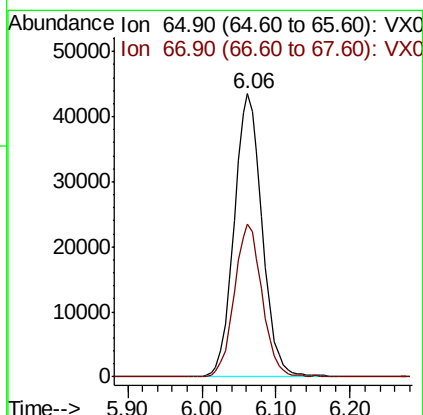
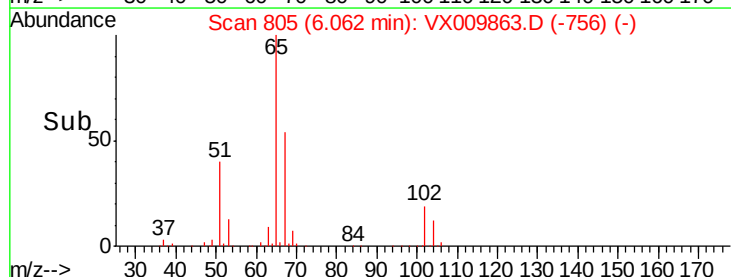
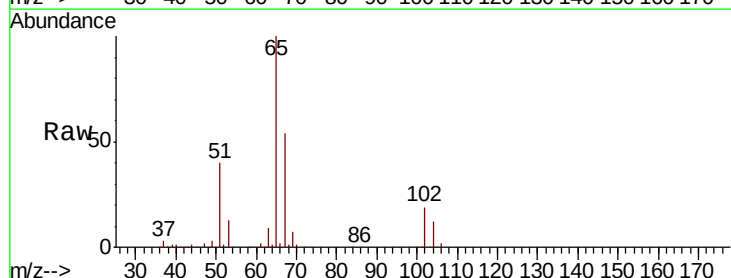
Acq: 23 May 2019 17:04

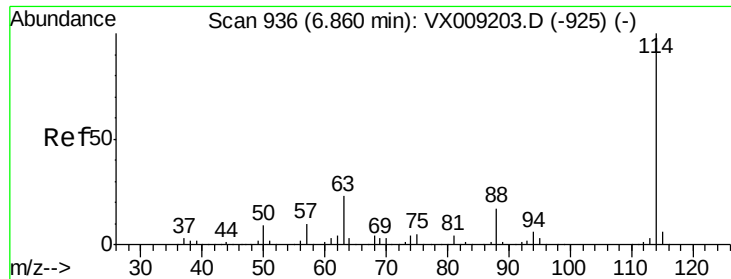
Tgt Ion: 65 Resp: 114557

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6

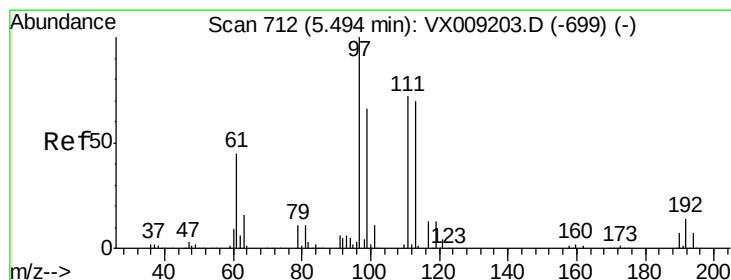
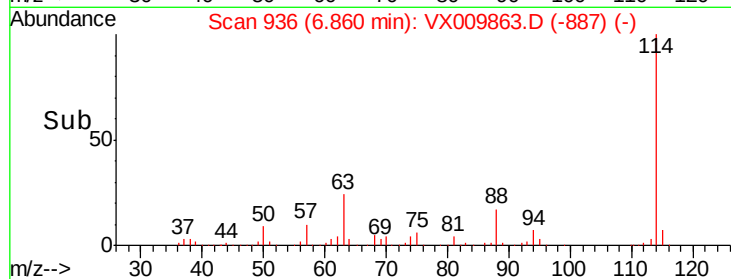
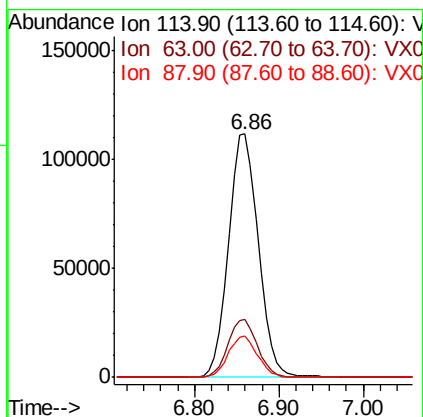
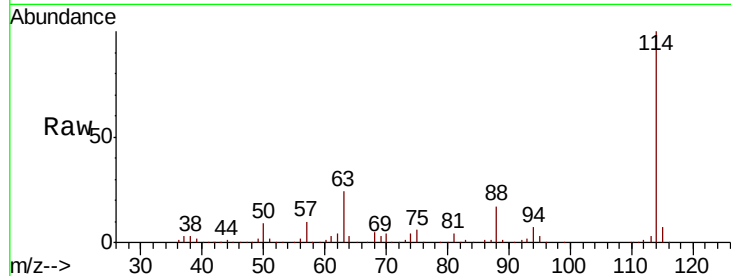




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009863.D
 Acq: 23 May 2019 17:04

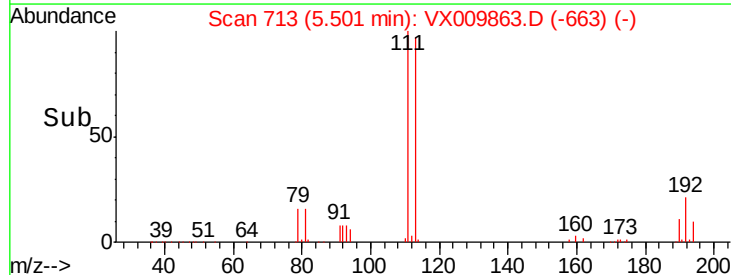
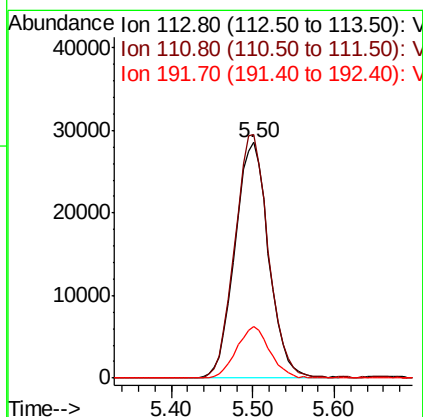
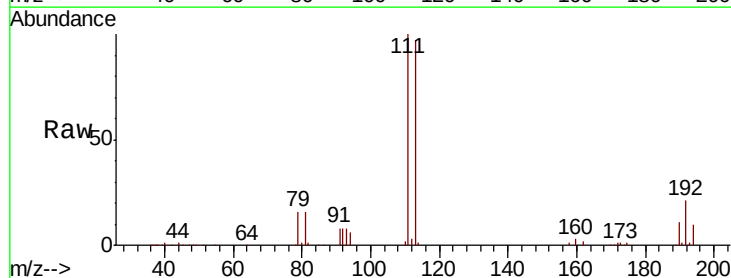
Instrument :
 MSVOA_X
 ClientSampled :

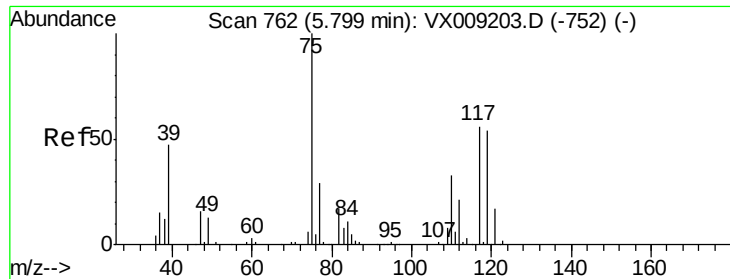
Tot Ion:114 Resp: 268284
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.6
 88 16.8 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 48.606 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009863.D
 Acq: 23 May 2019 17:04

Tgt Ion:113 Resp: 81976
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 21.4 17.0 25.6

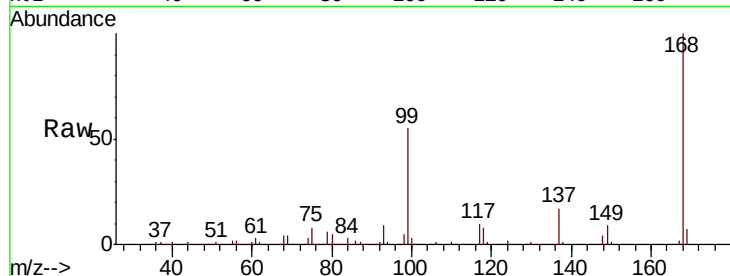




#36
 1,1-Dichloropropene
 Concen: 5.428 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009863.D
 Acq: 23 May 2019 17:04

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	75	Resp	13534
Ion Ratio	Lower	Upper	
75	100		
110	9.4	16.9	50.6#
77	0.1	24.8	37.2#

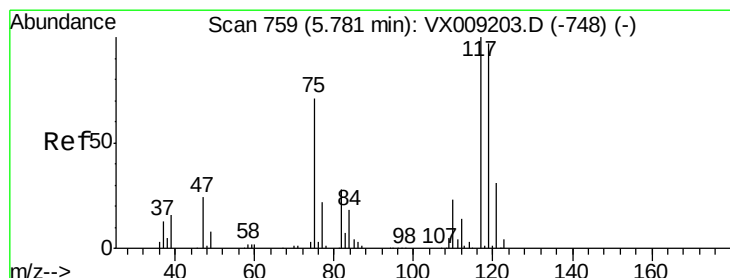
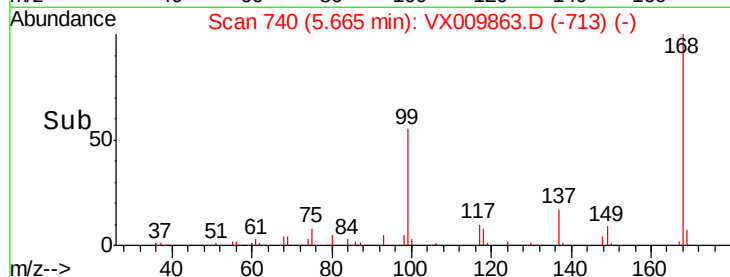
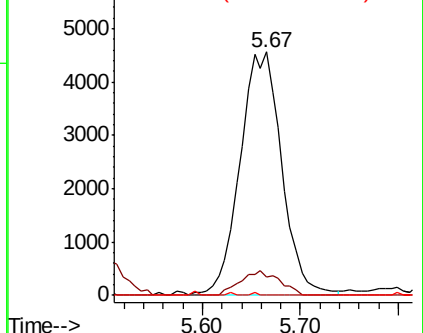


Abundance

Ion 74.90 (74.60 to 75.60): VX0

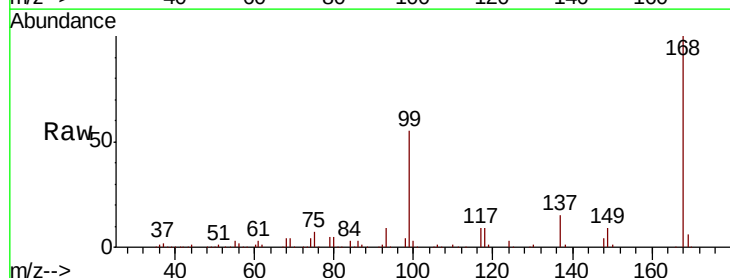
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38
 Carbon Tetrachloride
 Concen: 7.095 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX009863.D
 Acq: 23 May 2019 17:04

Tgt Ion	117	Resp	16071
Ion Ratio	Lower	Upper	
117	100		
119	5.5	77.5	116.3#
121	0.0	24.7	37.1#

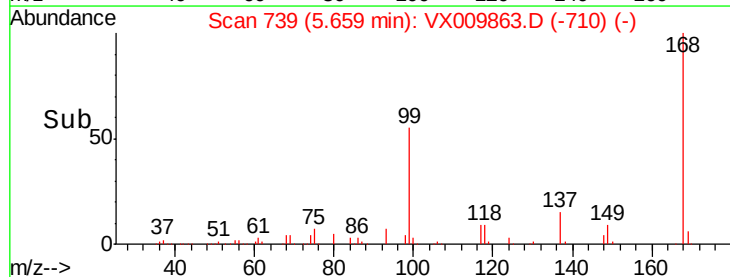
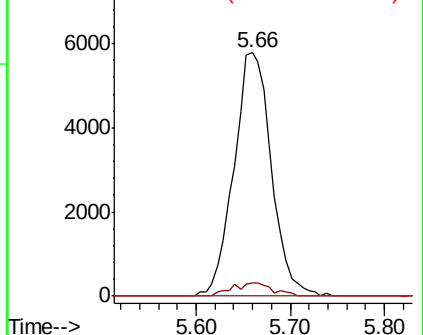


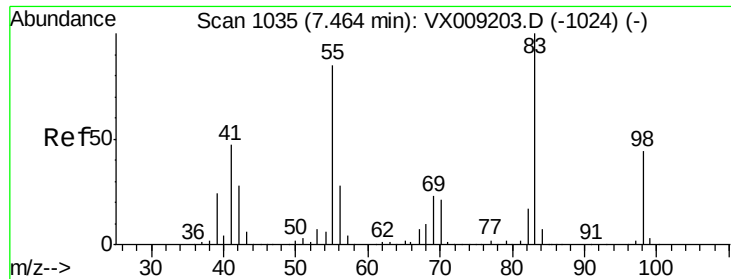
Abundance

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

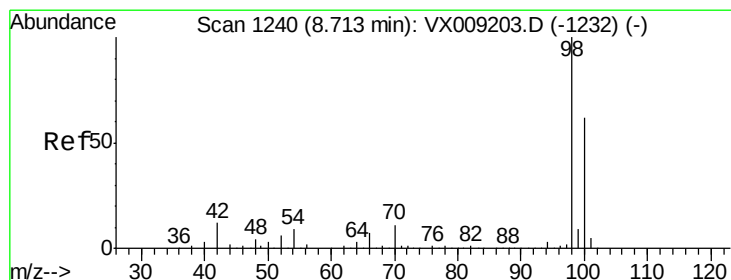
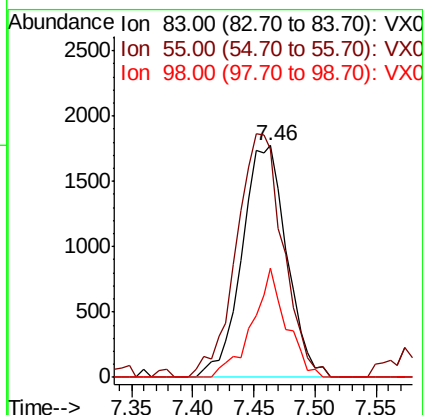
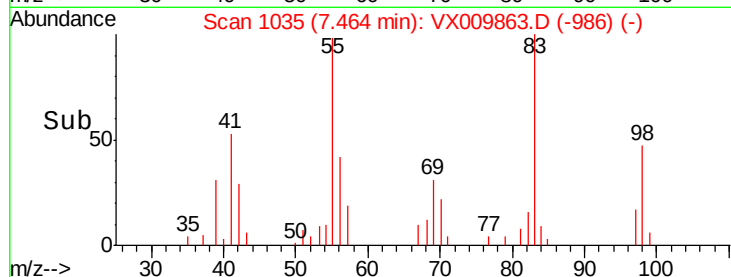
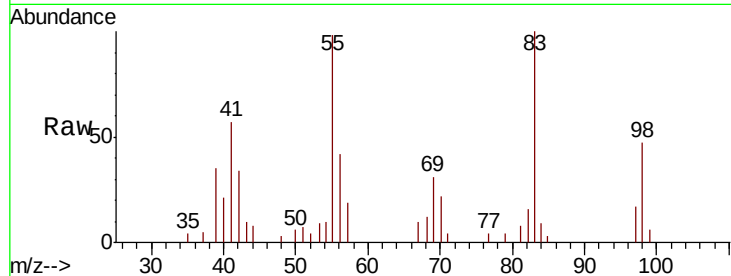




#39
Methylvlcyclohexane
Concen: 1.477 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

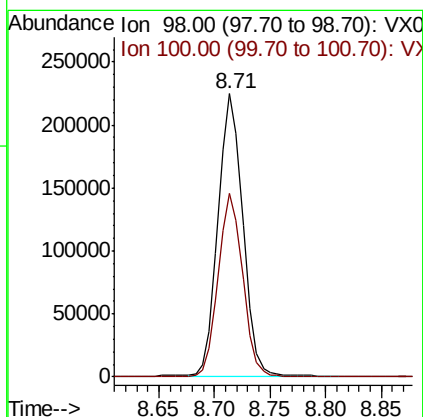
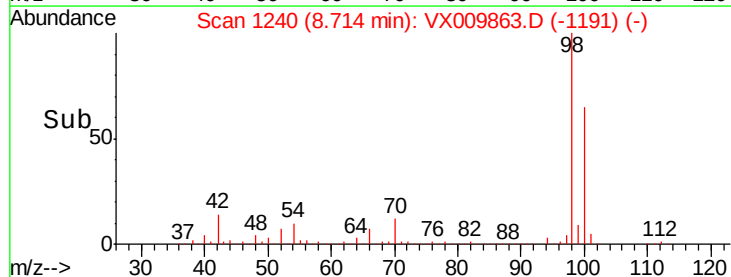
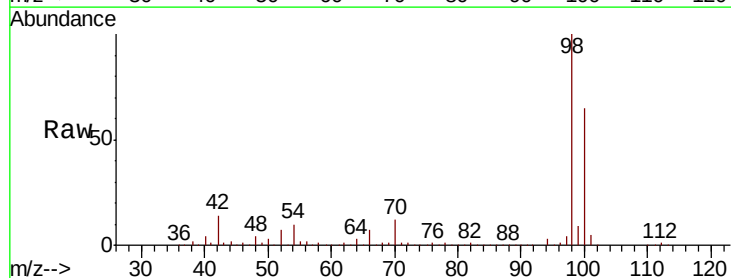
Instrument :
MSVOA_X
ClientSampled :

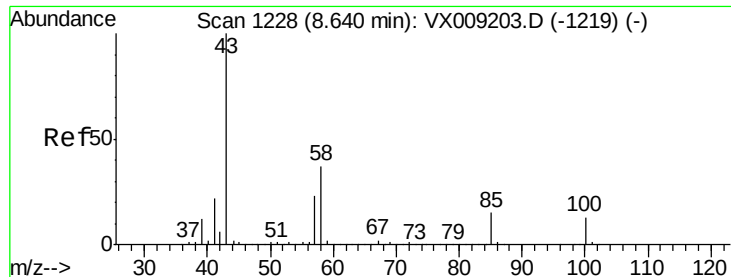
Tot Ion: 83 Resp: 4522
Ion Ratio Lower Upper
83 100
55 98.3 67.7 101.5
98 47.2 35.5 53.3



#50
Toluene-d8
Concen: 50.827 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

Tgt Ion: 98 Resp: 346079
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 1.118 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

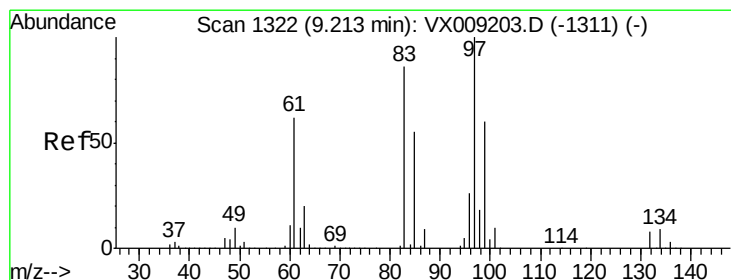
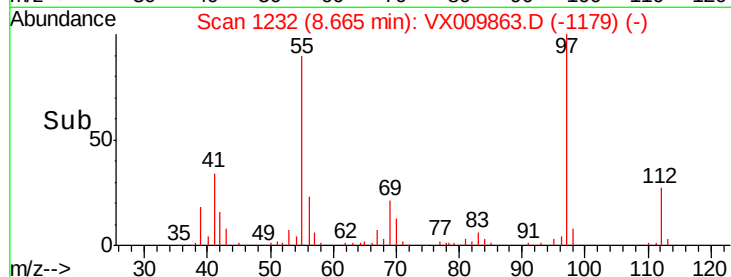
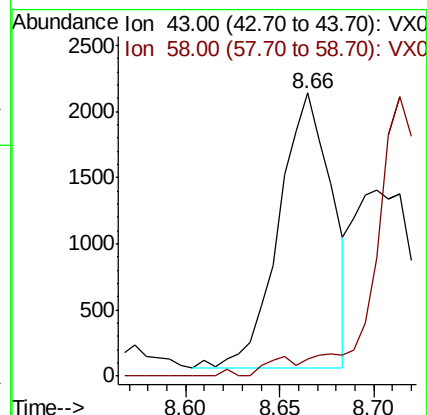
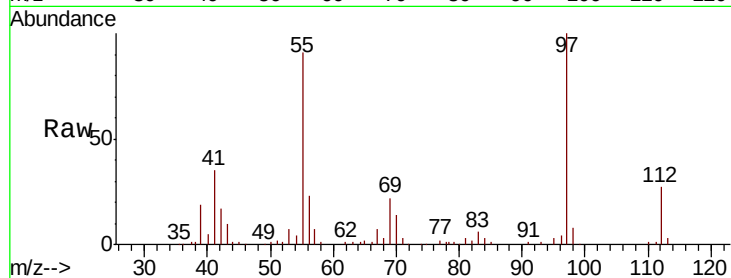
ClientSampled :

Tot Ion: 43 Resp: 4059

Ion Ratio Lower Upper

43 100

58 4.0 29.5 44.3#



#55

1,1,2-Trichloroethane

Concen: 7.813 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Tgt Ion: 97 Resp: 14951

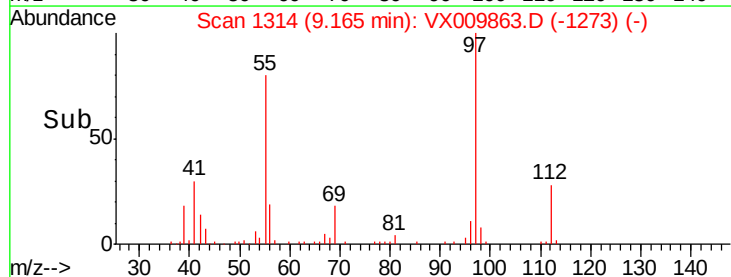
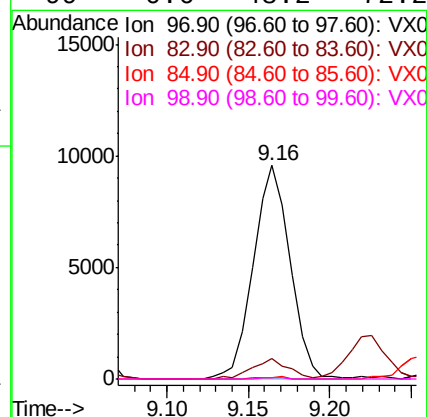
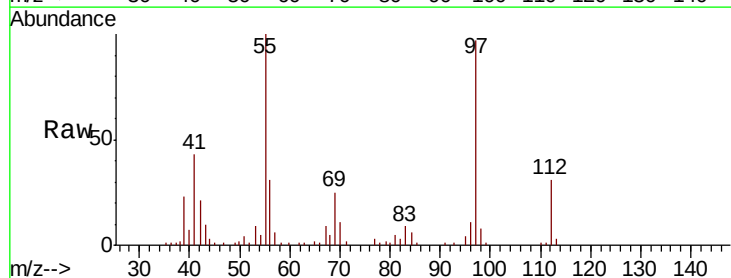
Ion Ratio Lower Upper

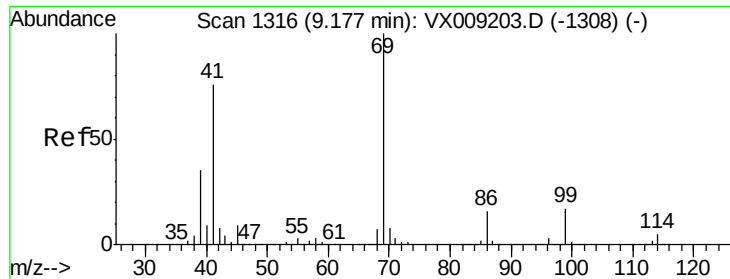
97 100

83 9.6 68.9 103.3#

85 0.5 43.8 65.6#

99 0.6 48.2 72.2#





#56

Ethyl methacrylate

Concen: 1.156 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :
MSVOA_X
ClientSampled :

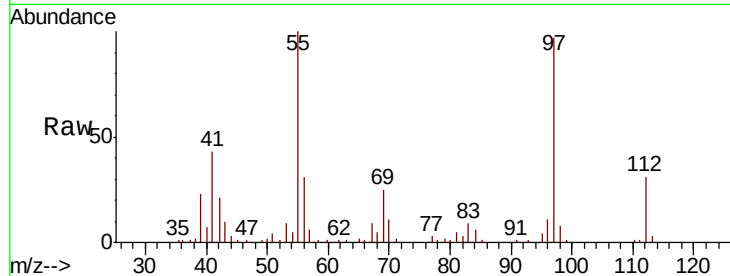
Tot Ion: 69 Resp: 3948

Ion Ratio Lower Upper

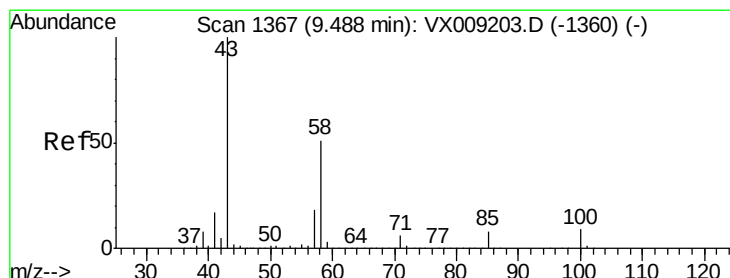
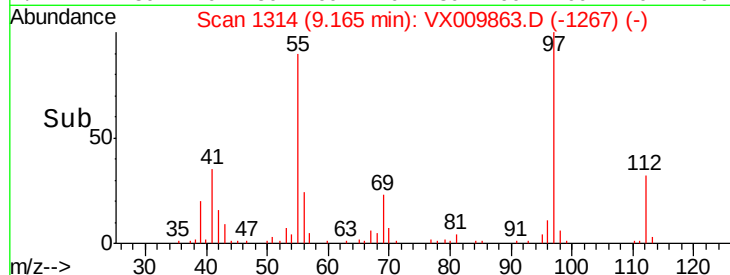
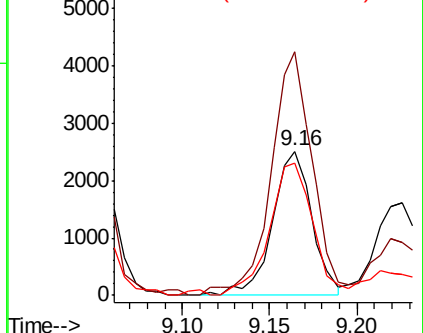
69 100

41 177.2 60.6 90.8#

39 101.4 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: 0.869 ug/l

RT: 9.29 min Scan# 1334

Delta R.T. -0.20 min

Lab File: VX009863.D

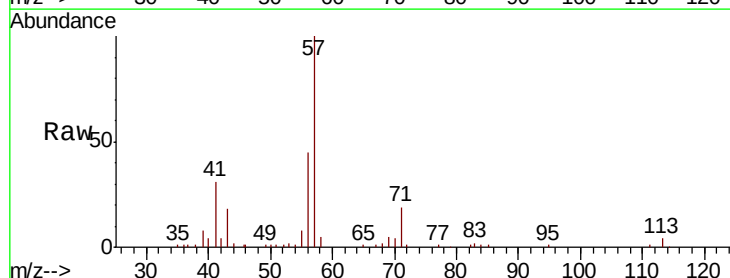
Acq: 23 May 2019 17:04

Tgt Ion: 43 Resp: 2480

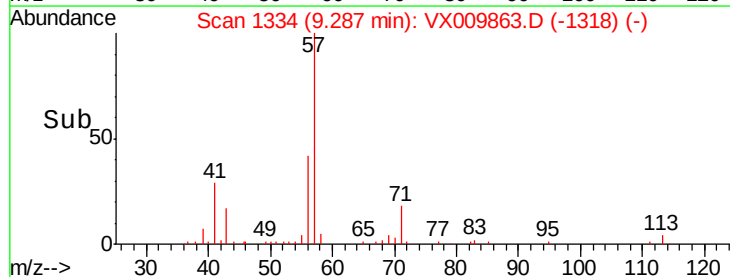
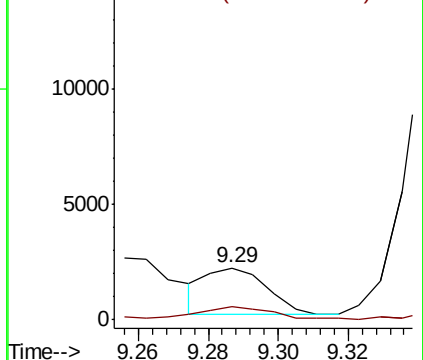
Ion Ratio Lower Upper

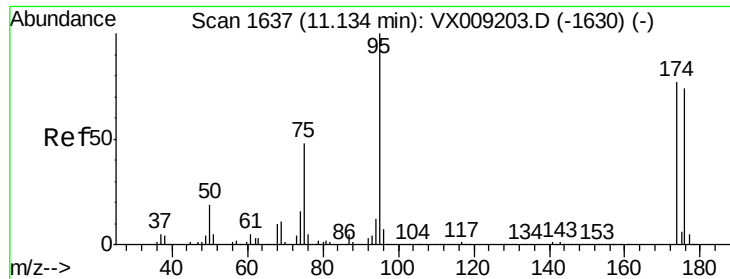
43 100

58 40.4 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: 64.078 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

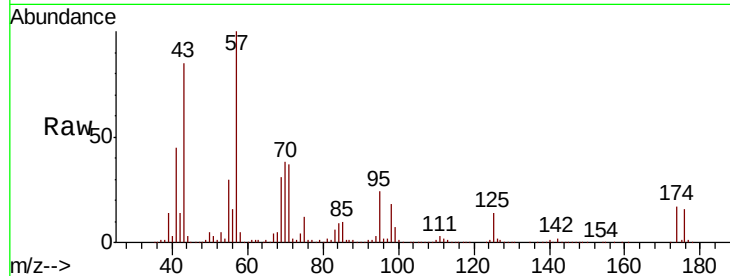
Tot Ion: 95 Resp: 158537

Ion Ratio Lower Upper

95 100

174 60.3 0.0 161.6

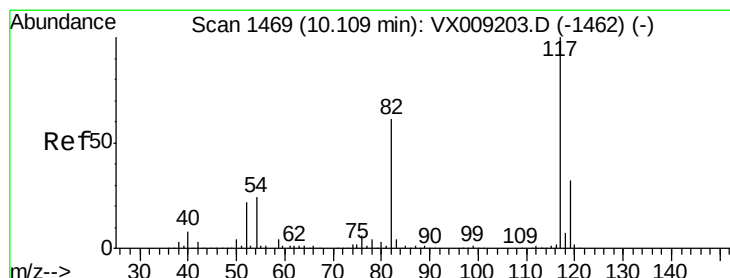
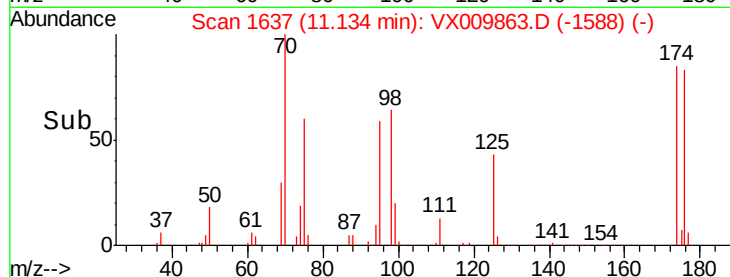
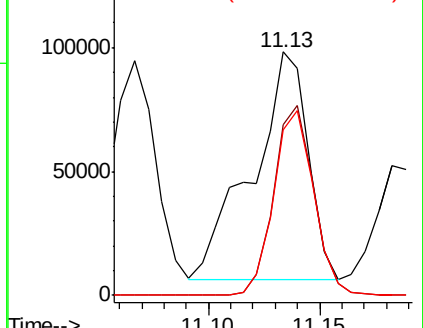
176 59.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009863.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009863.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009863.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

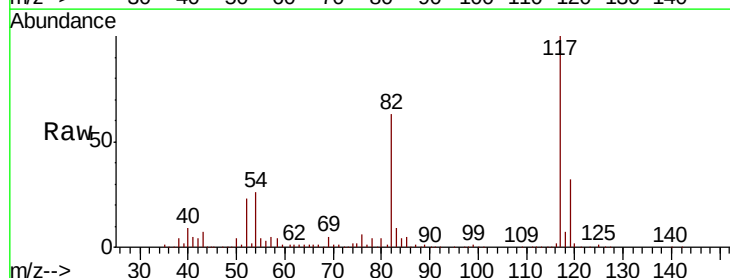
Tgt Ion: 117 Resp: 246482

Ion Ratio Lower Upper

117 100

82 60.5 48.8 73.2

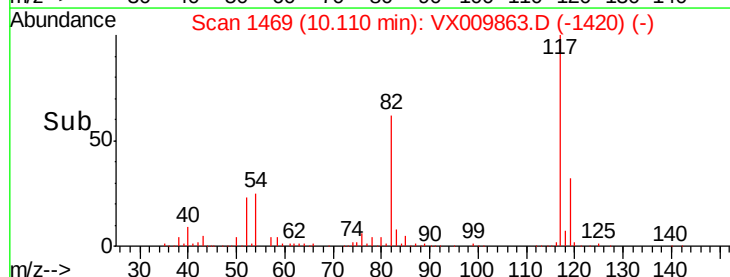
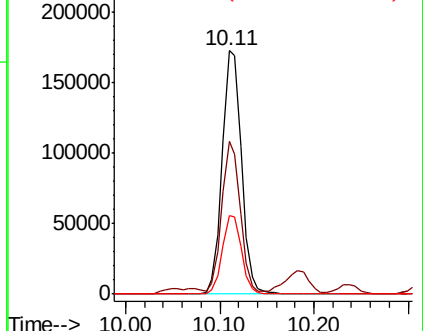
119 32.4 25.8 38.6

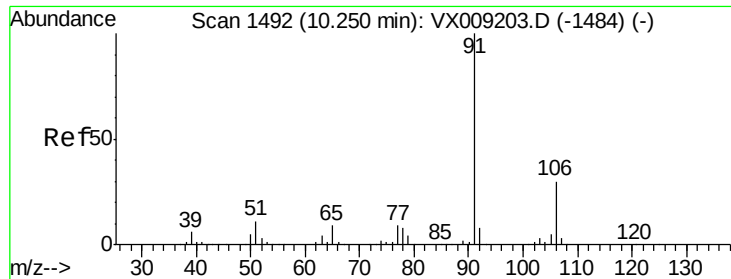


Abundance Ion 116.90 (116.60 to 117.60): VX009863.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009863.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009863.D (-1420) (-)





#67

Ethyl Benzene

Concen: 0.237 ug/l

RT: 10.24 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

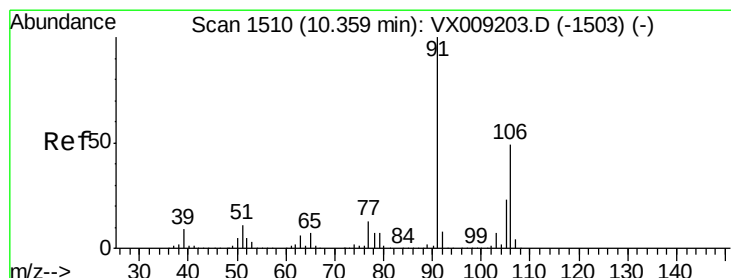
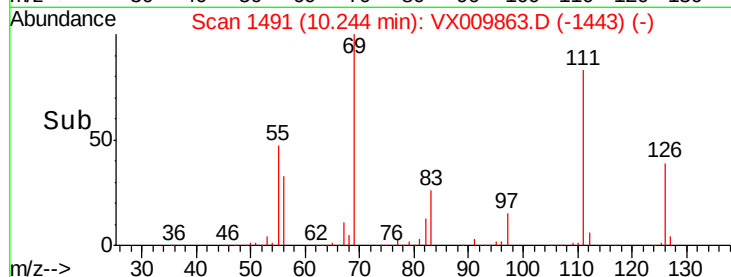
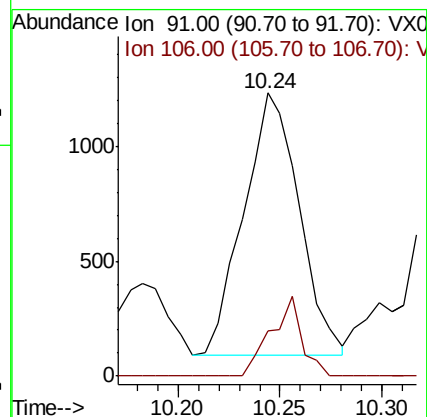
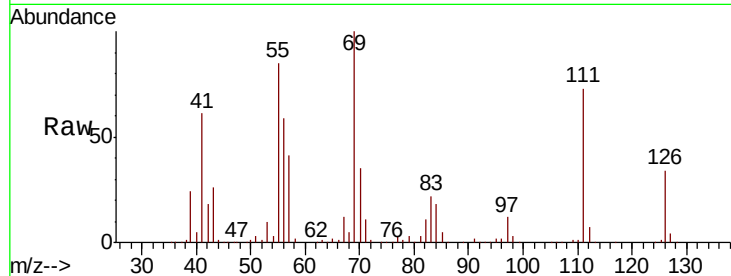
ClientSampled :

Tot Ion: 91 Resp: 2155

Ion Ratio Lower Upper

91 100

106 17.4 24.0 36.0#



#68

m/p-Xylenes

Concen: 1.072 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009863.D

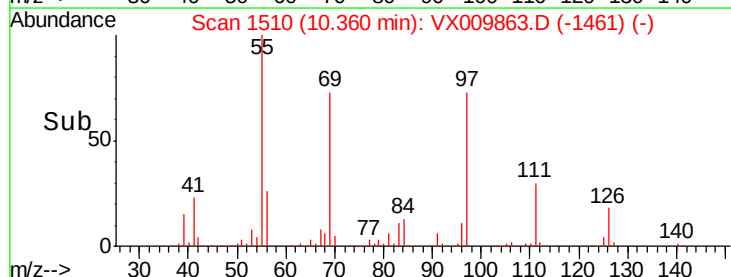
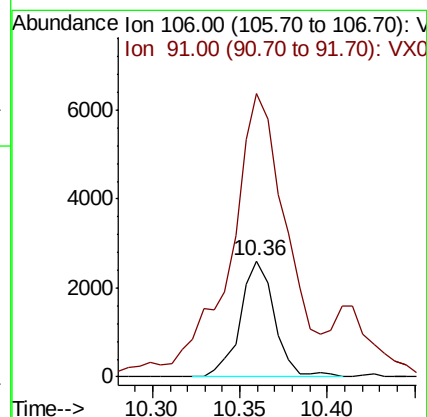
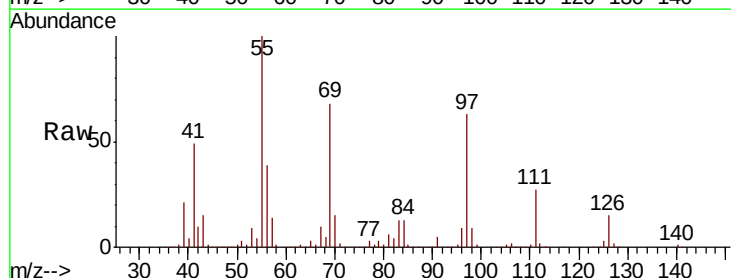
Acq: 23 May 2019 17:04

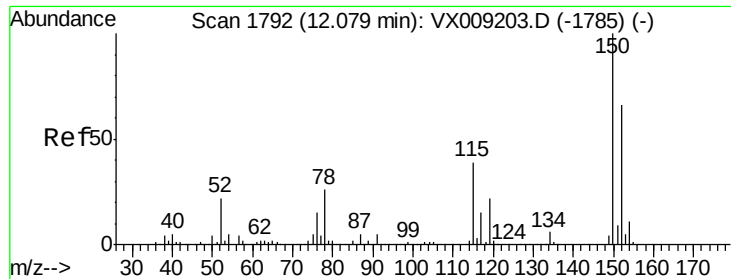
Tgt Ion:106 Resp: 3556

Ion Ratio Lower Upper

106 100

91 396.0 164.0 246.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

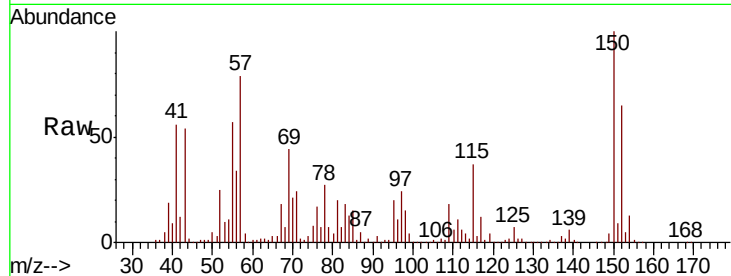
Tot Ion:152 Resp: 110592

Ion Ratio Lower Upper

152 100

115 59.2 41.2 123.6

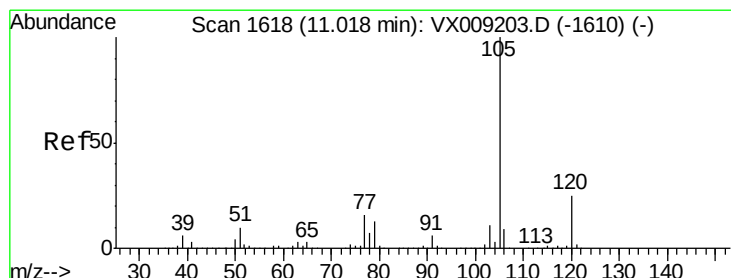
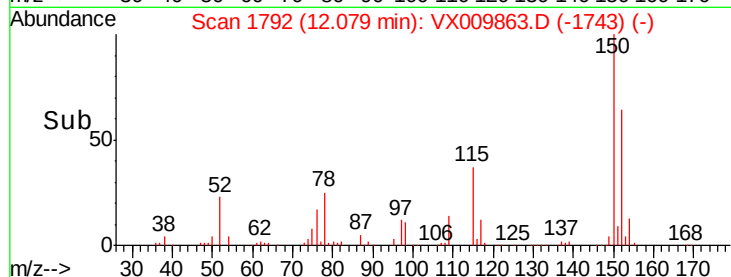
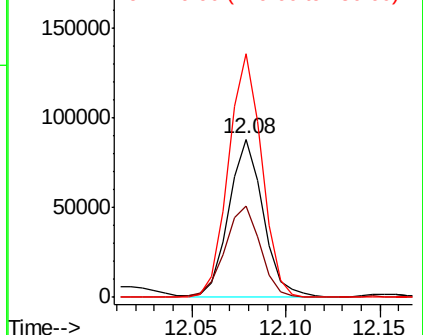
150 150.8 0.0 346.4



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: 23.085 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009863.D

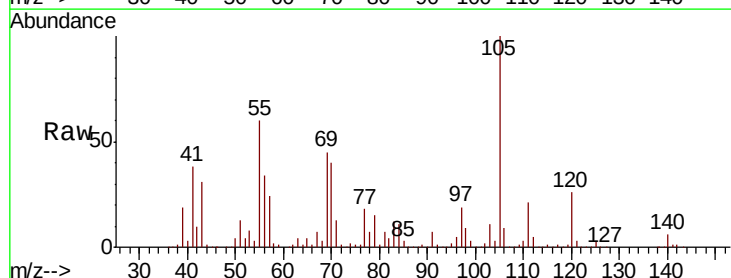
Acq: 23 May 2019 17:04

Tgt Ion:105 Resp: 185650

Ion Ratio Lower Upper

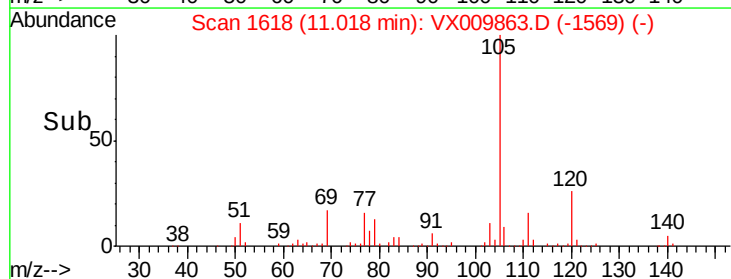
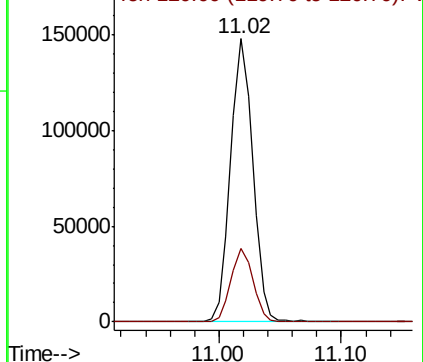
105 100

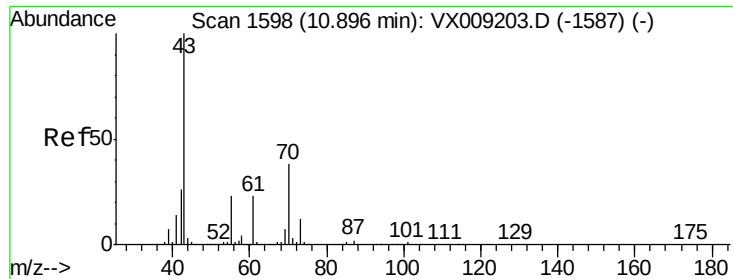
120 25.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 126.505 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 593138

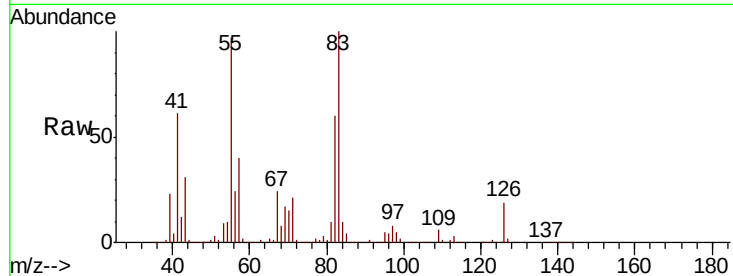
Ion Ratio Lower Upper

43 100

70 61.1 30.0 45.0#

55 258.7 17.9 26.9#

61 0.1 18.4 27.6#

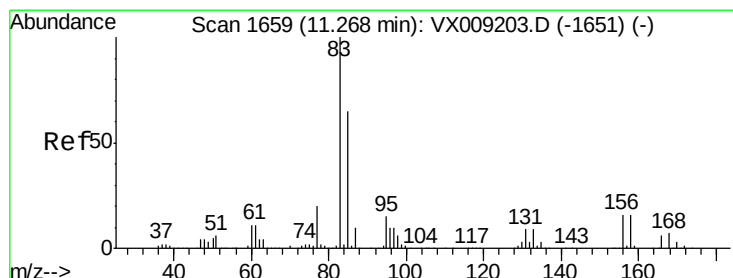
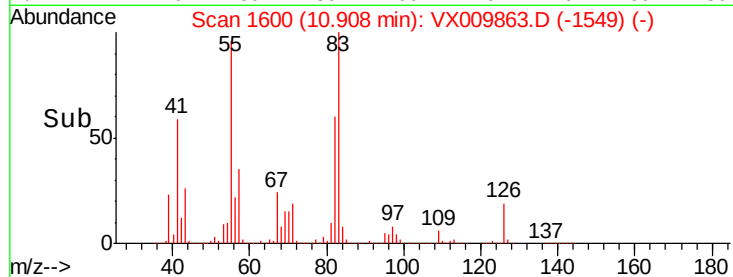
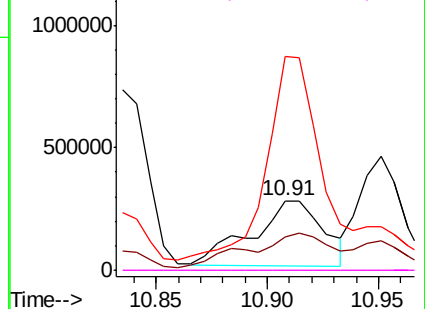


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 77.193 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

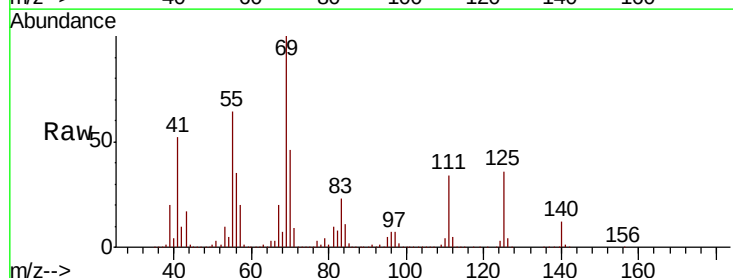
Tgt Ion: 83 Resp: 231424

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

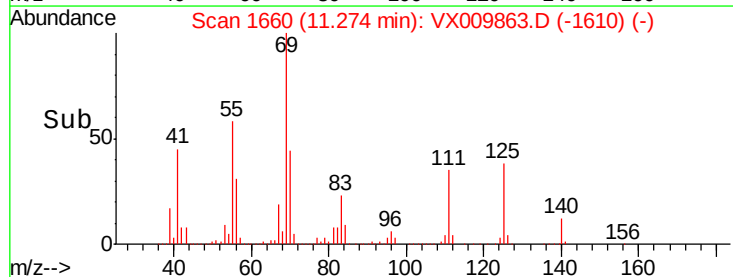
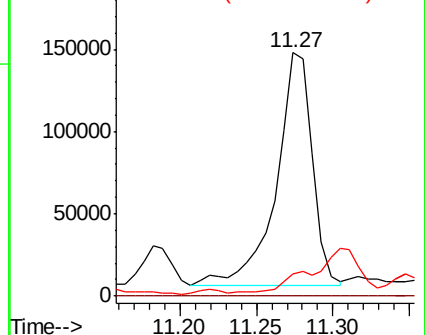
85 0.0 32.0 96.2#

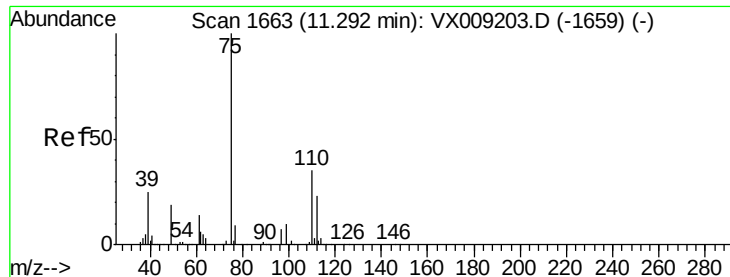


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.119 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

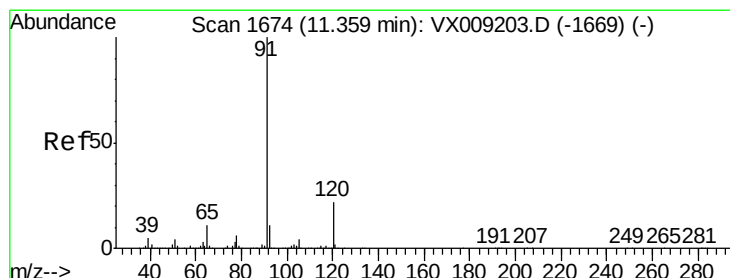
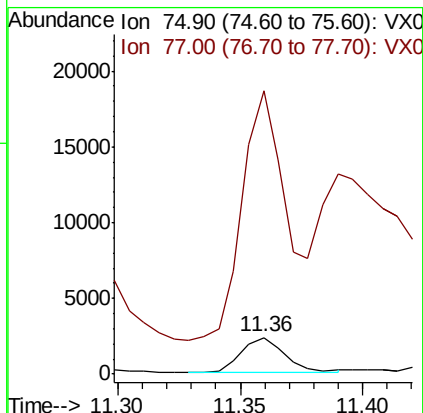
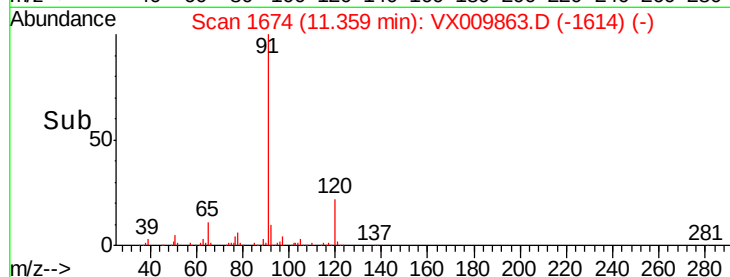
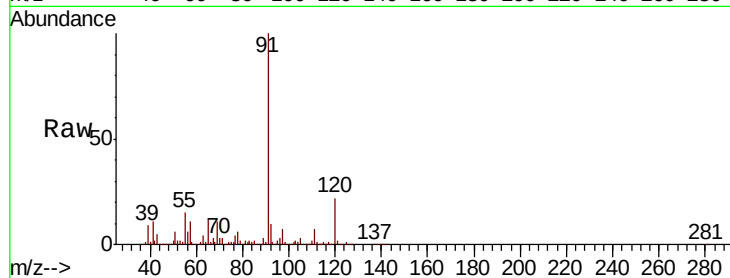
ClientSampleId :

Tot Ion: 75 Resp: 2870

Ion Ratio Lower Upper

75 100

77 744.2 22.1 66.1#



#78

n-propylbenzene

Concen: 55.382 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009863.D

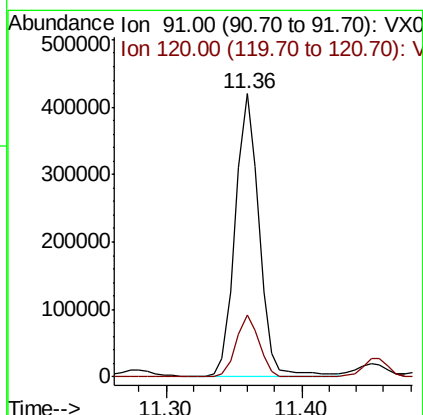
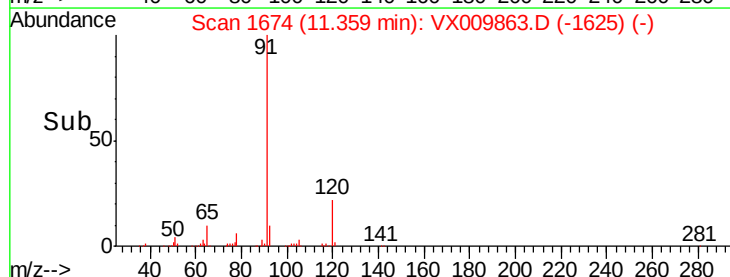
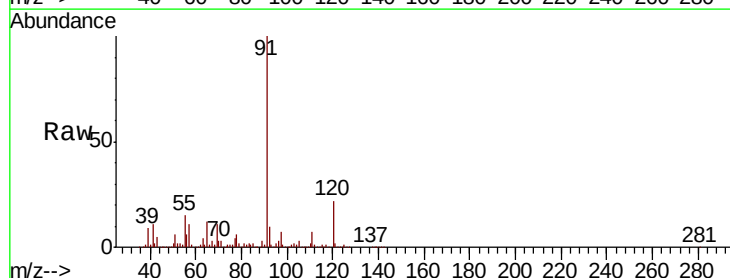
Acq: 23 May 2019 17:04

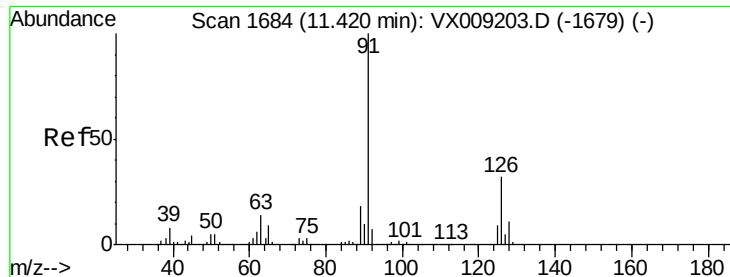
Tgt Ion: 91 Resp: 508652

Ion Ratio Lower Upper

91 100

120 21.1 11.0 33.0





#79

2-Chlorotoluene

Concen: 3.783 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

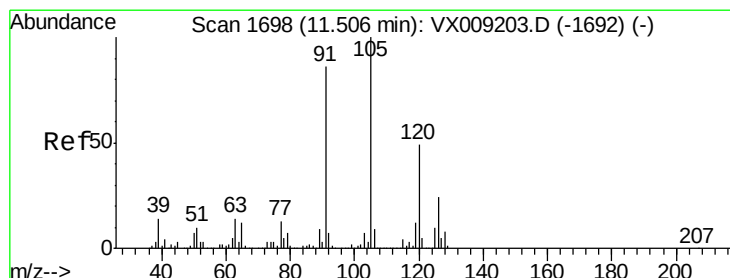
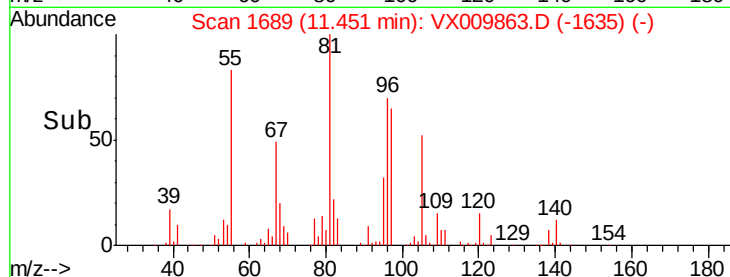
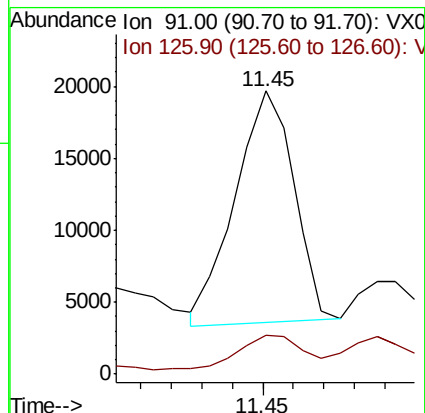
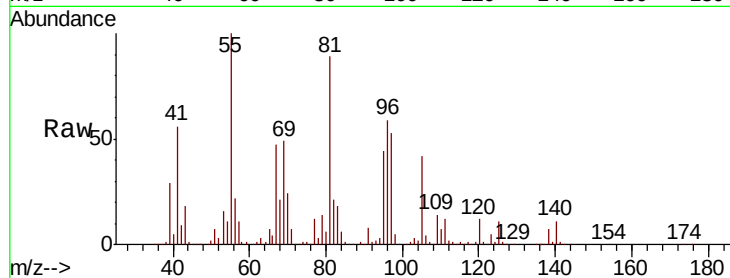
ClientSampled :

Tot Ion: 91 Resp: 21438

Ion Ratio Lower Upper

91 100

126 16.8 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 2.116 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009863.D

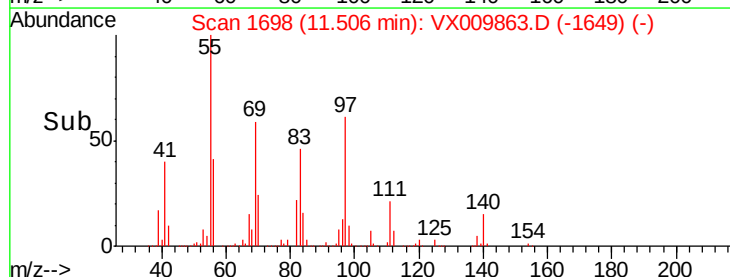
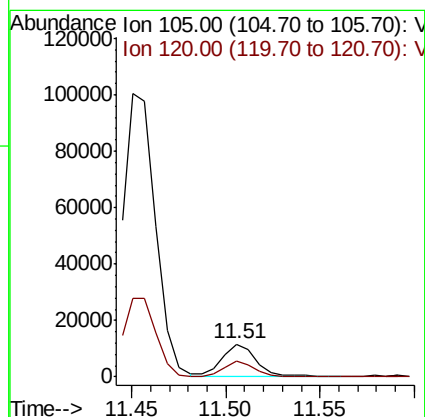
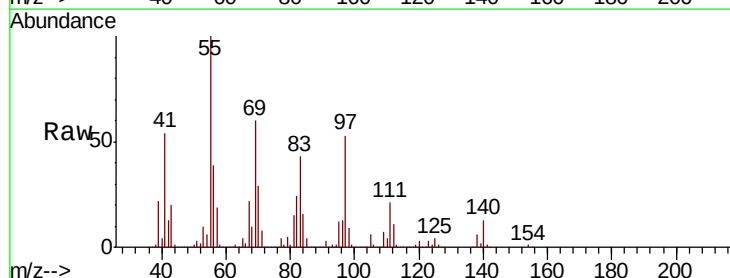
Acq: 23 May 2019 17:04

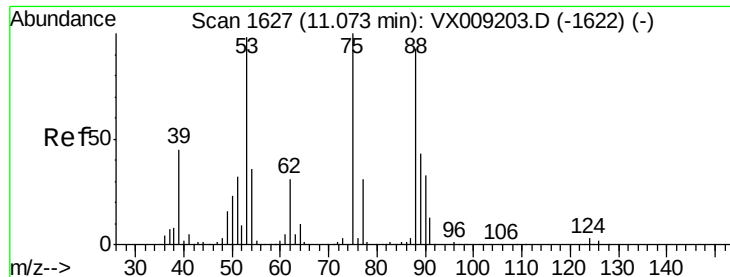
Tgt Ion:105 Resp: 14328

Ion Ratio Lower Upper

105 100

120 44.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 2.312 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampled :

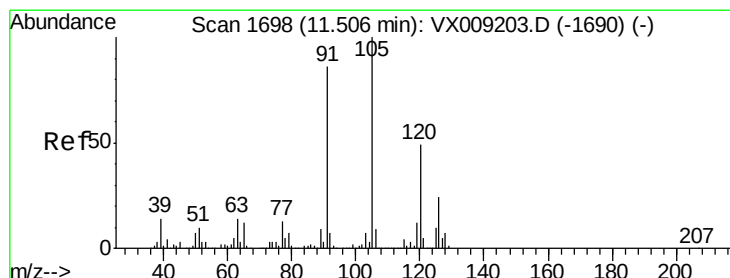
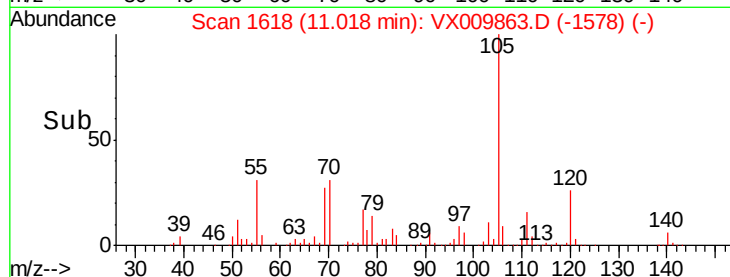
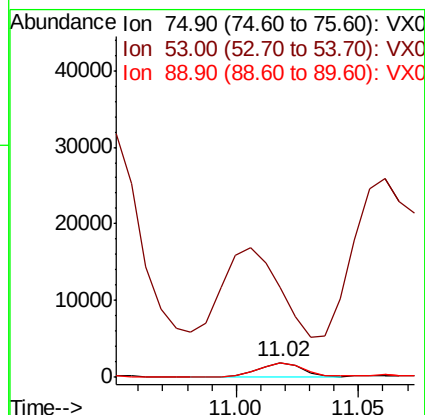
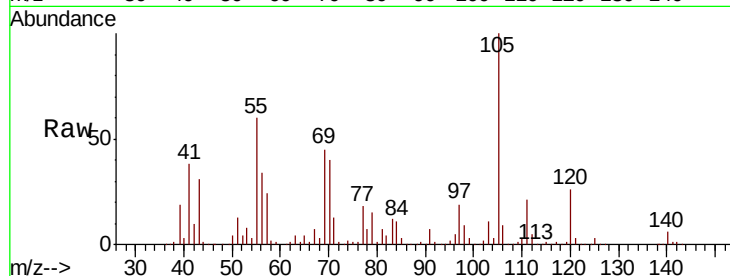
Tot Ion: 75 Resp: 2318

Ion Ratio Lower Upper

75 100

53 781.1 79.0 118.6#

89 117.6 34.7 52.1#



#82

4-Chlorotoluene

Concen: 3.349 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.05 min

Lab File: VX009863.D

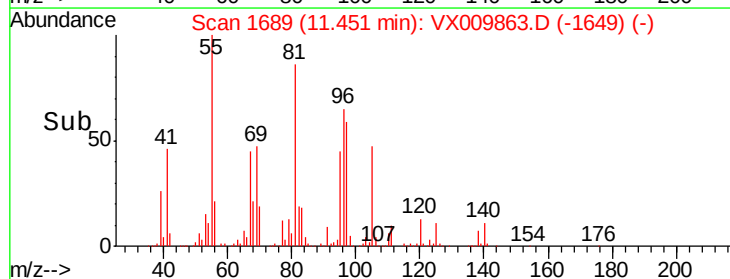
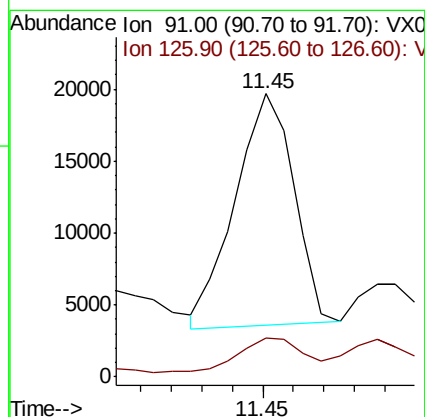
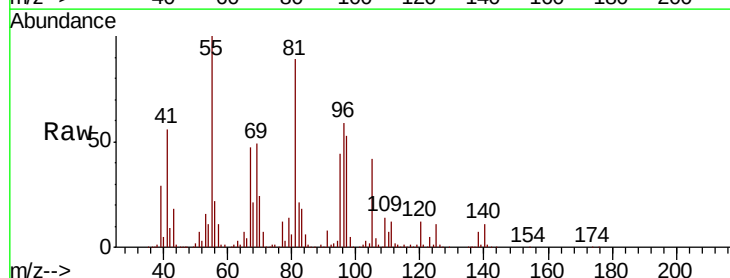
Acq: 23 May 2019 17:04

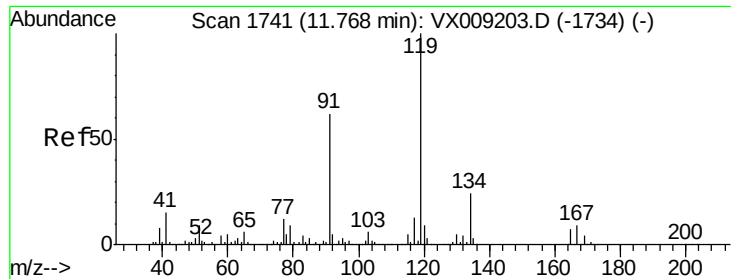
Tgt Ion: 91 Resp: 21438

Ion Ratio Lower Upper

91 100

126 16.8 14.5 43.6

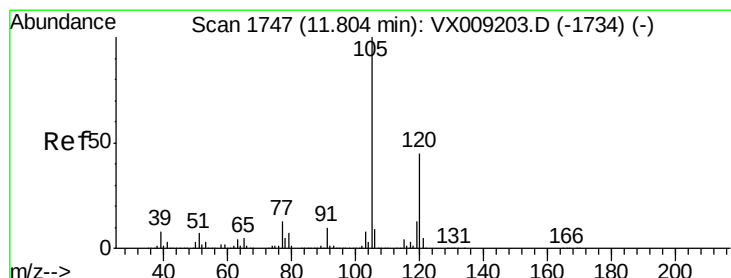
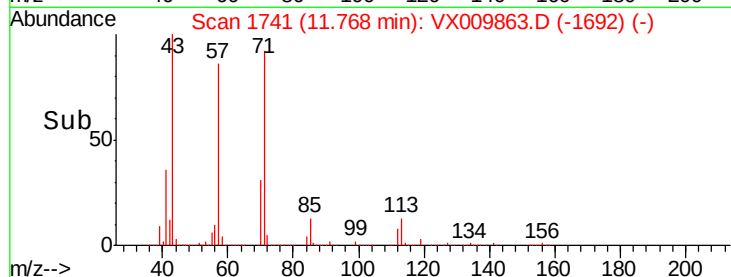
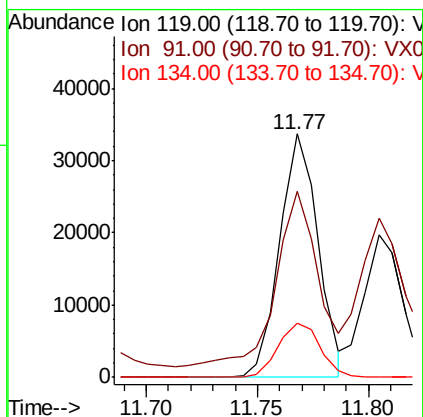
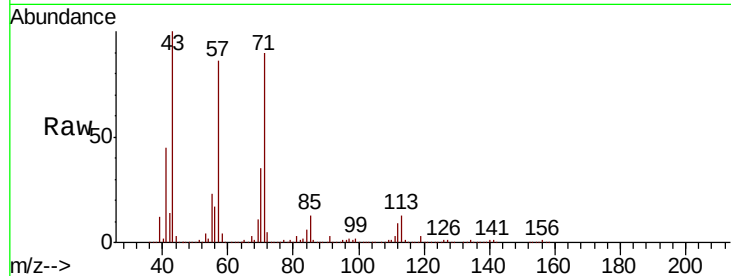




#83
tert-Butylbenzene
Concen: 6.099 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

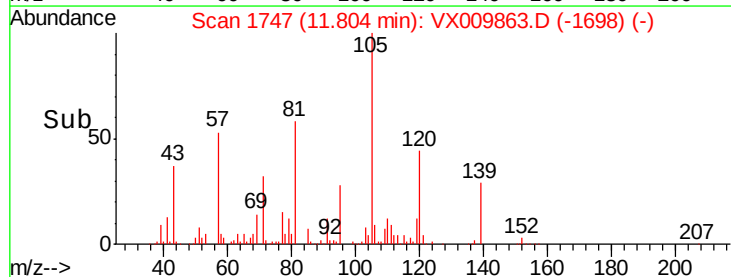
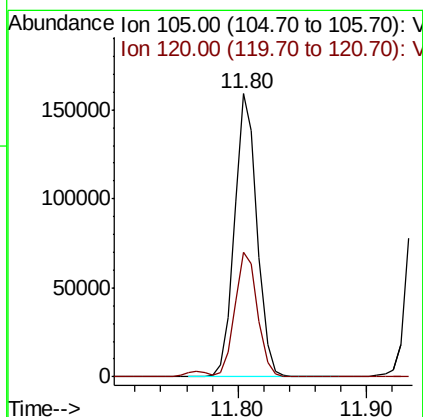
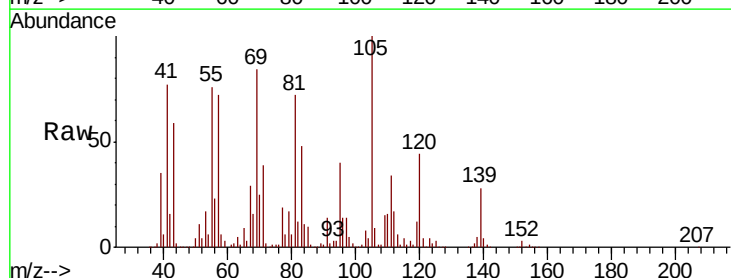
Instrument :
MSVOA_X
ClientSampleId :

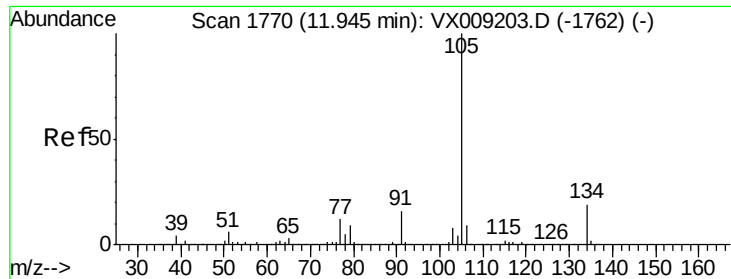
Tot Ion:119 Resp: 40177
Ion Ratio Lower Upper
119 100
91 78.8 29.5 88.5
134 24.2 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 28.295 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009863.D
Acq: 23 May 2019 17:04

Tgt Ion:105 Resp: 192320
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 46.770 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

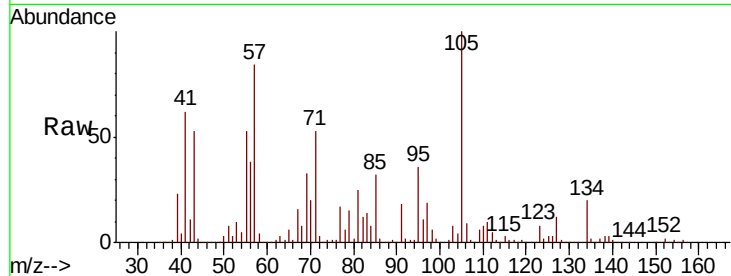
ClientSampleId :

Tot Ion:105 Resp: 365262

Ion Ratio Lower Upper

105 100

134 18.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

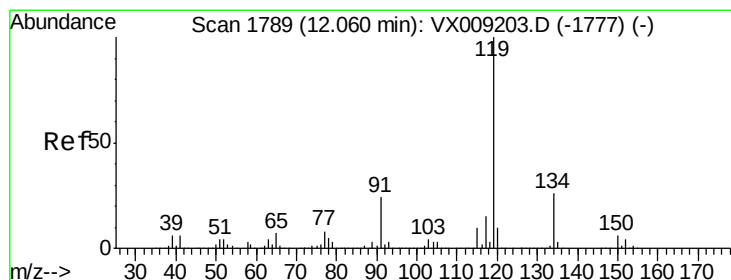
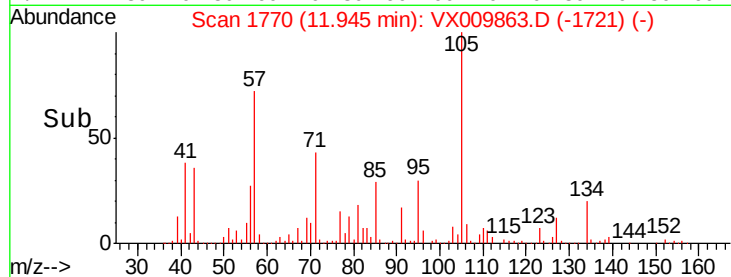
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 7.038 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

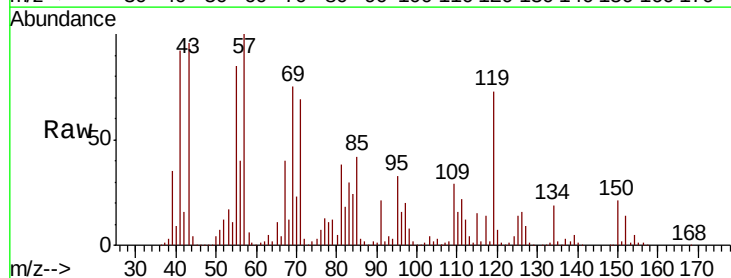
Tgt Ion:119 Resp: 49411

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 24.0 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

12.06

50000

40000

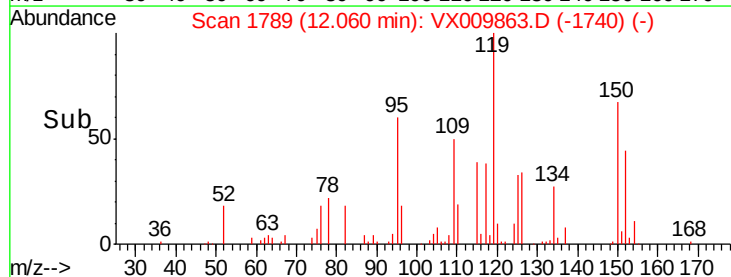
30000

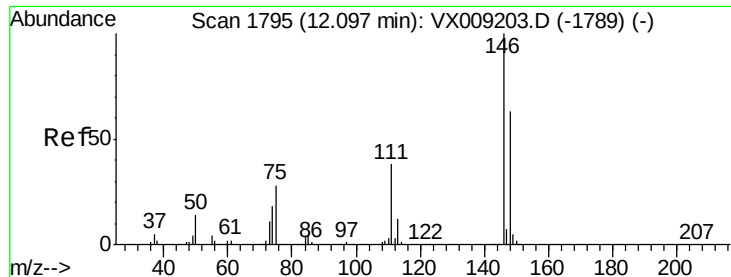
20000

10000

0

Time-->

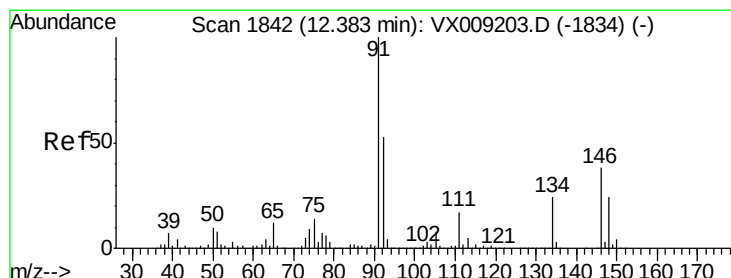
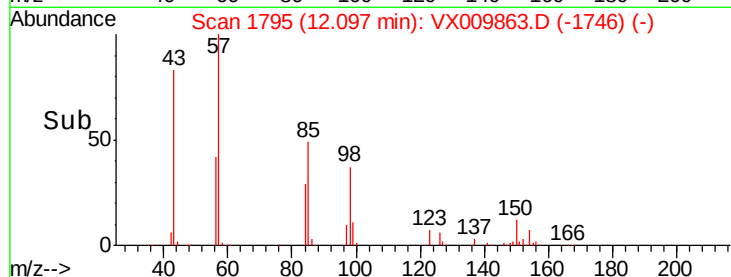
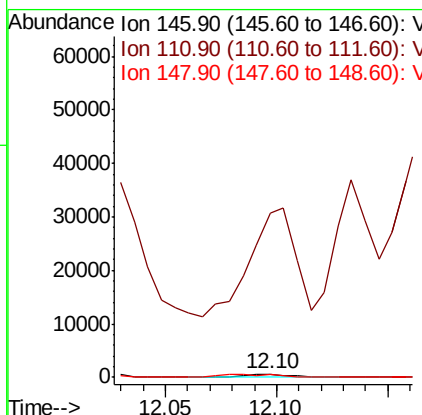
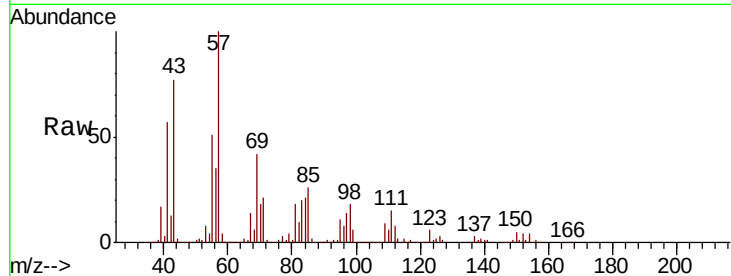




#88
 1,4-Dichlorobenzene
 Concen: 0.226 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009863.D
 Acq: 23 May 2019 17:04

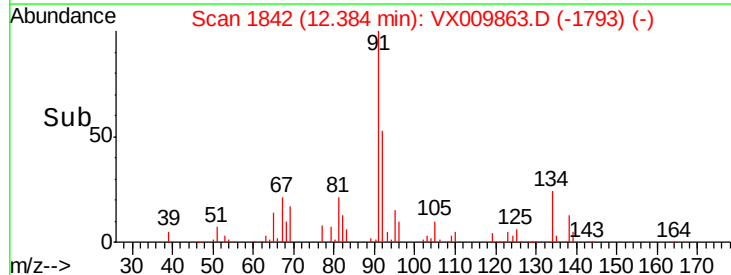
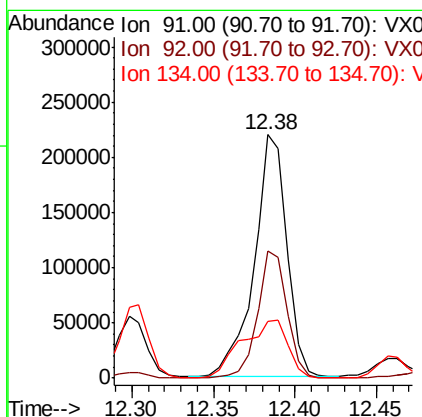
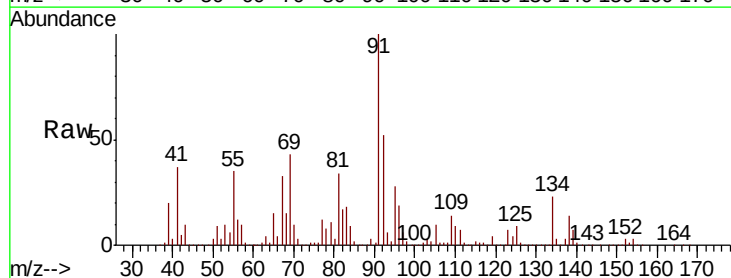
Instrument :
 MSVOA_X
 ClientSampleId :

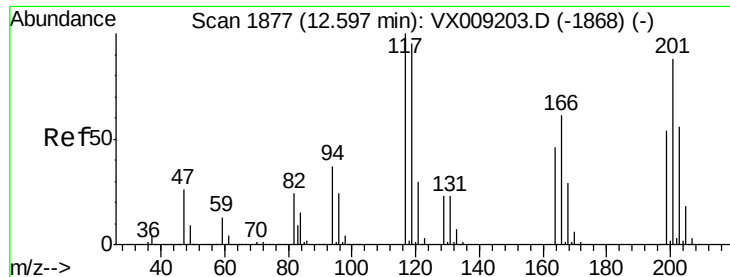
Tot Ion:146 Resp: 811
 Ion Ratio Lower Upper
 146 100
 111 4120.5 19.6 58.8#
 148 132.6 31.8 95.3#



#89
 n-Butylbenzene
 Concen: 47.903 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009863.D
 Acq: 23 May 2019 17:04

Tgt Ion: 91 Resp: 303978
 Ion Ratio Lower Upper
 91 100
 92 47.0 26.5 79.5
 134 33.7 12.4 37.2





#90

Hexachloroethane

Concen: 4.408 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

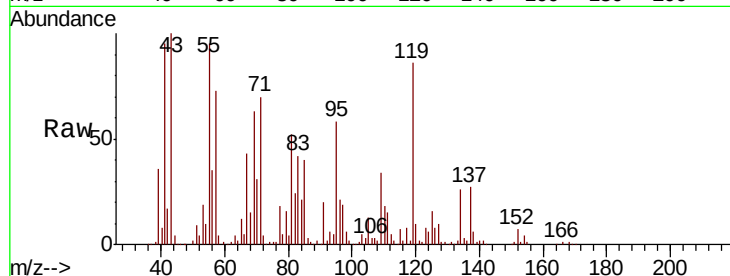
ClientSampled :

Tot Ion:117 Resp: 5273

Ion Ratio Lower Upper

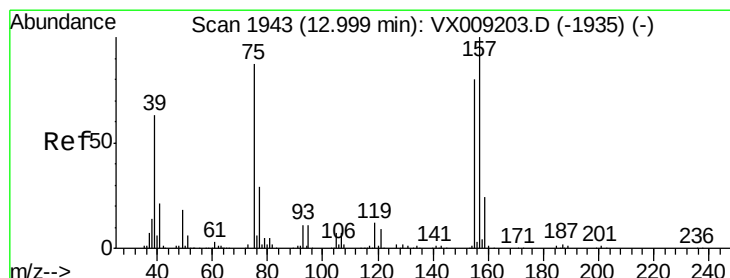
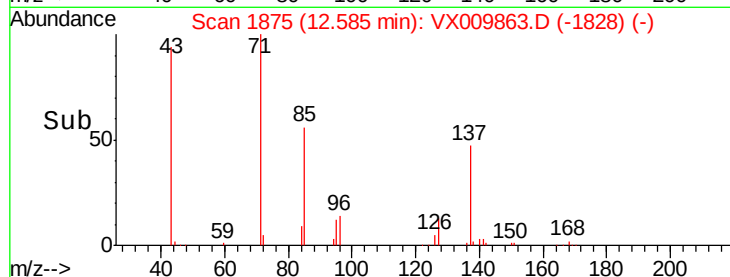
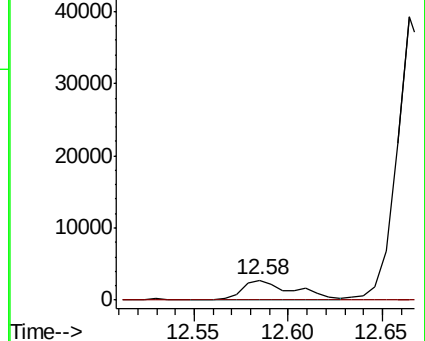
117 100

201 0.0 42.3 126.9#



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: 3.151 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

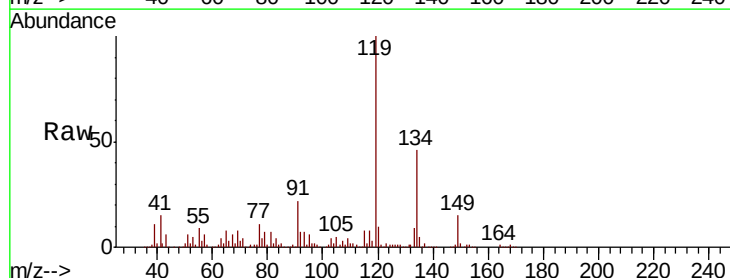
Tgt Ion: 75 Resp: 2119

Ion Ratio Lower Upper

75 100

155 12.5 42.0 126.0#

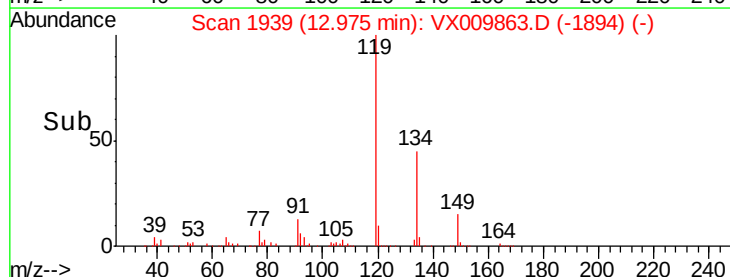
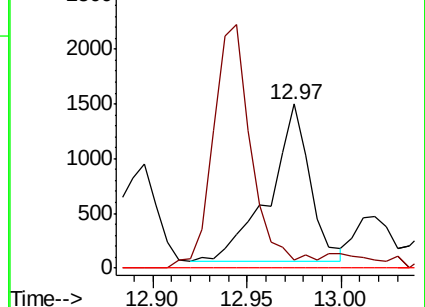
157 0.0 53.2 159.6#

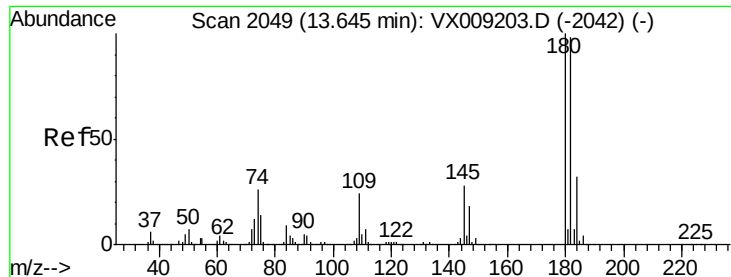


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

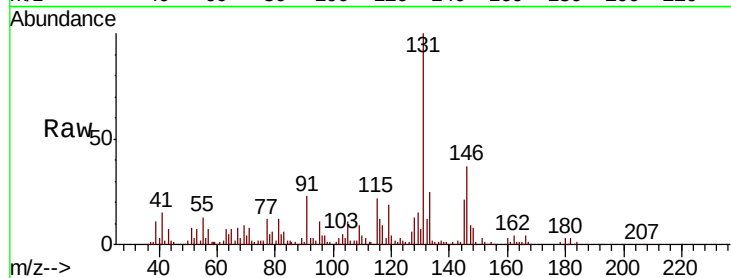




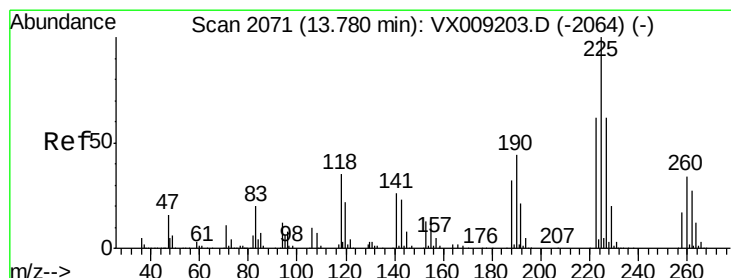
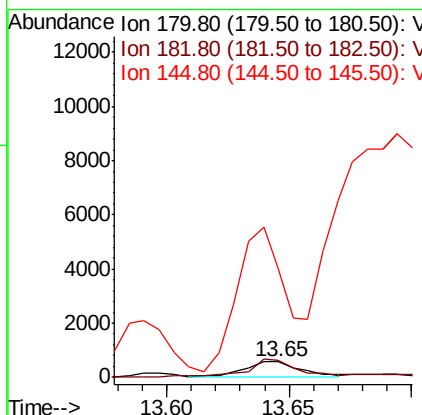
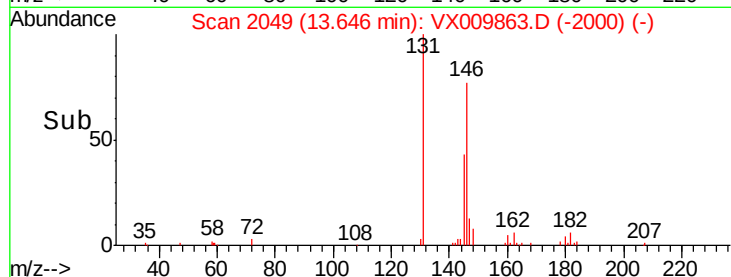
#93
 1,2,4-Trichlorobenzene
 Concen: 0.387 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009863.D
 Acq: 23 May 2019 17:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.2	48.4	145.2
145	843.0	14.6	43.8#

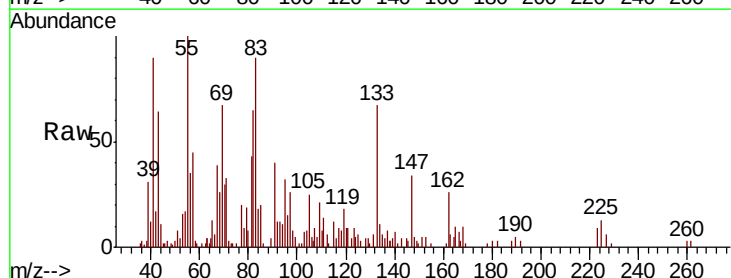


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

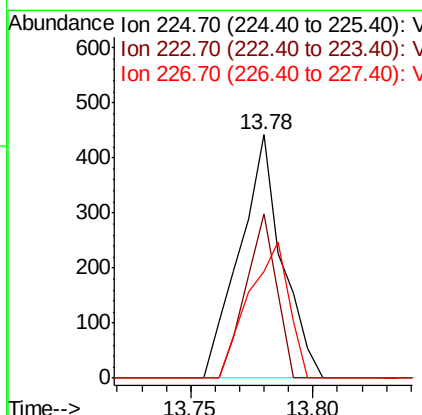
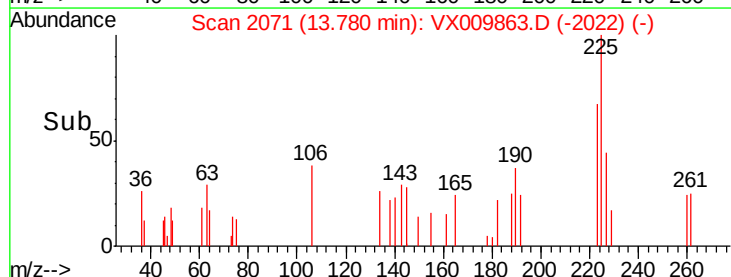


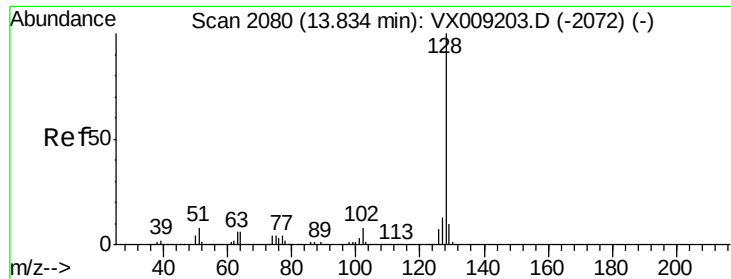
#94
 Hexachlorobutadiene
 Concen: 0.423 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009863.D
 Acq: 23 May 2019 17:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	48.8	31.3	93.8
227	53.3	31.8	95.3



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: 0.380 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

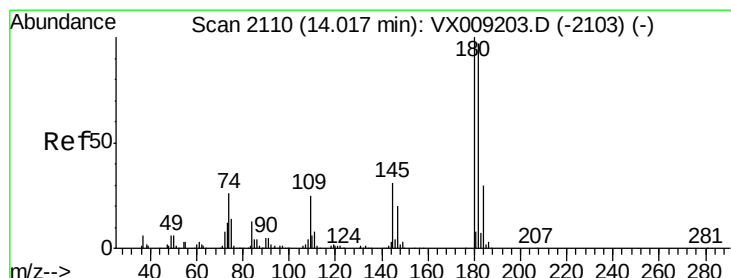
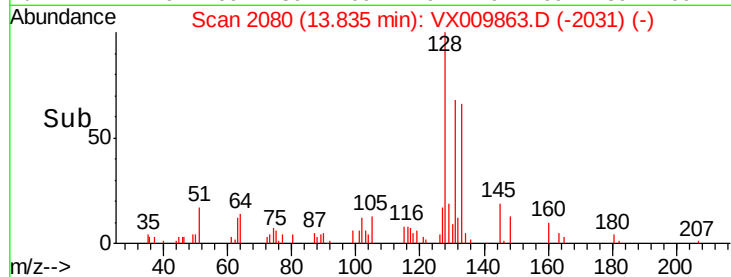
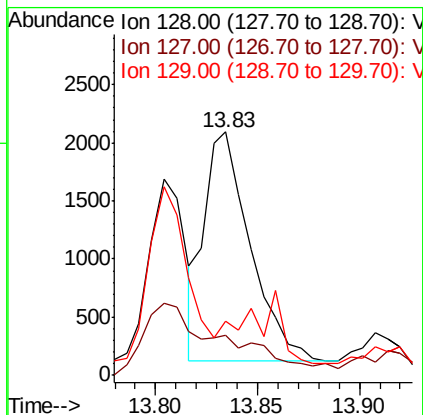
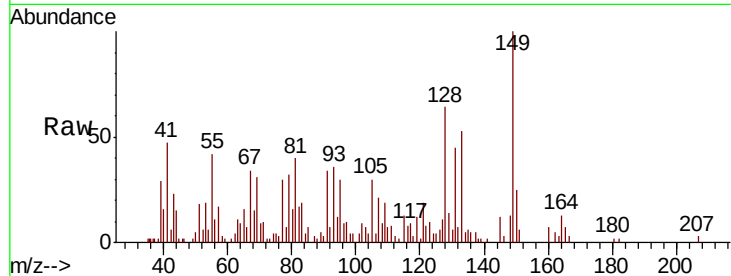
Tot Ion:128 Resp: 3068

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.427 ug/l

RT: 14.01 min Scan# 2109

Delta R.T. -0.01 min

Lab File: VX009863.D

Acq: 23 May 2019 17:04

Tgt Ion:180 Resp: 1073

Ion Ratio Lower Upper

180 100

182 68.8 47.8 143.4

145 376.8 15.4 46.4#

