

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009597.D
 Acq On : 16 May 2019 11:17
 Operator : JC/SP
 Sample : VX0516MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 17 02:03:30 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	183604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123557	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	5.50	113	90693	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	8.71	98	369295	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	120290	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	

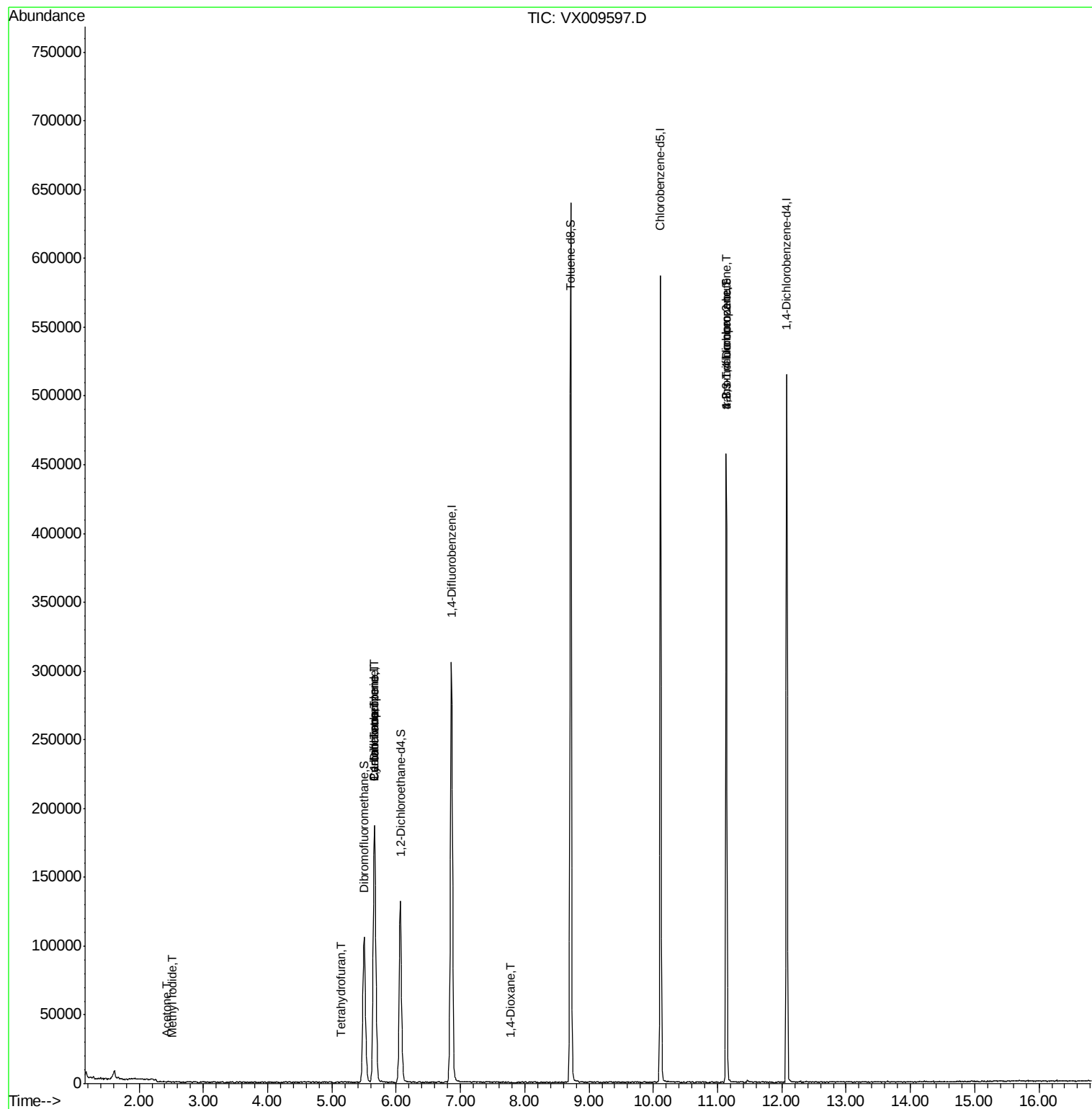
Target Compounds					Qvalue	
10) Methyl Iodide	2.51	142	23	4.604	ug/l #	42
16) Acetone	2.44	43	461	0.343	ug/l #	44
28) Bromochloromethane	4.96	49	86	Below Cal	#	20
29) Tetrahydrofuran	5.14	42	276	0.205	ug/l #	56
31) Cyclohexane	5.67	56	4299	1.160	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14260	5.189	ug/l #	50
38) Carbon Tetrachloride	5.67	117	17335	6.943	ug/l #	15
49) 1,4-Dioxane	7.78	88	19	0.308	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	61126	24.888	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61126	63.680	ug/l #	10

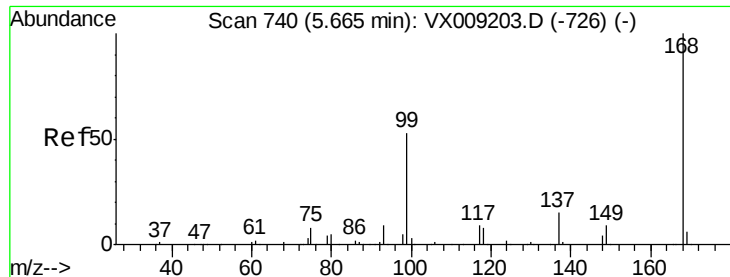
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051619\
Data File : VX009597.D
Acq On : 16 May 2019 11:17
Operator : JC/SP
Sample : VX0516MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 17 02:03:30 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

Instrument :

MSVOA_X

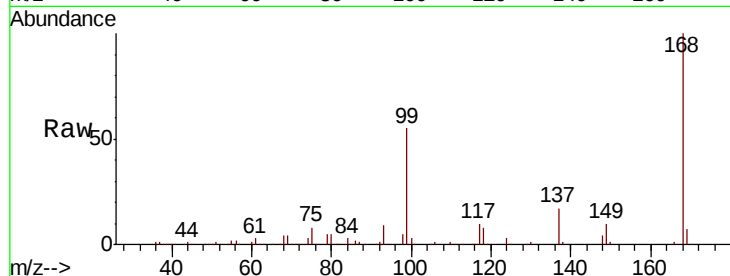
ClientSampleId :

Tot Ion:168 Resp: 183604

Ion Ratio Lower Upper

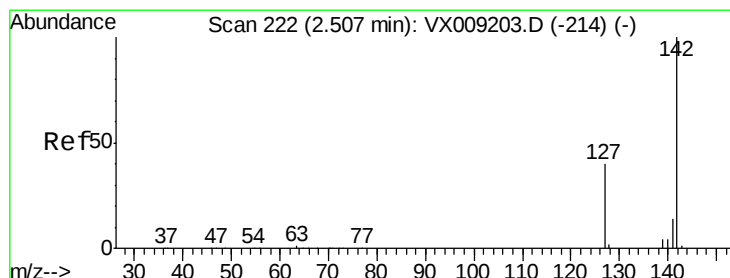
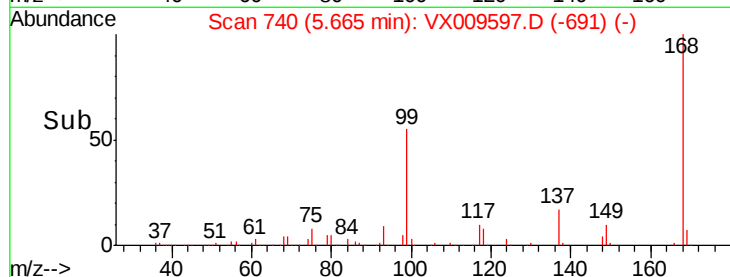
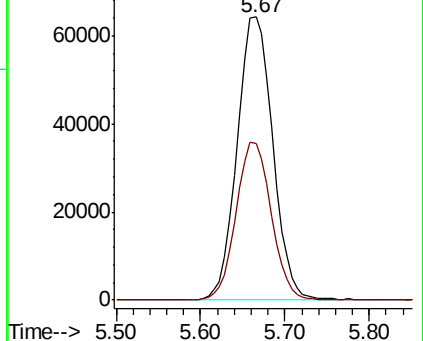
168 100

99 55.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 4.604 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

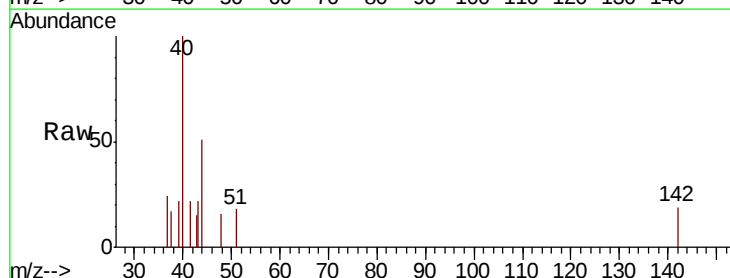
Tgt Ion:142 Resp: 23

Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

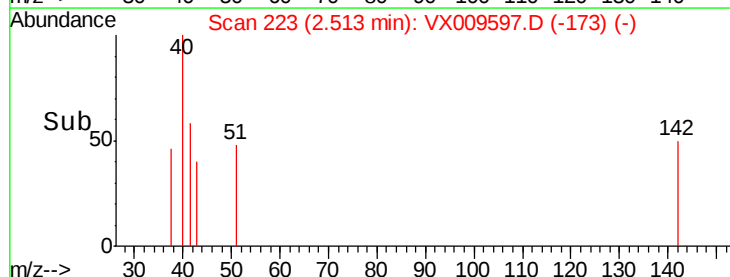
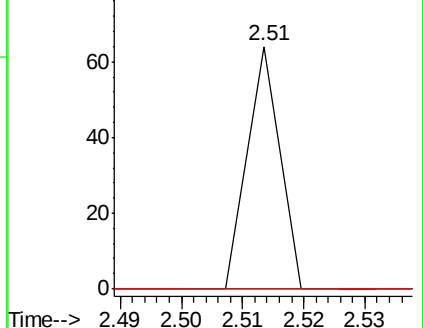
141 0.0 11.5 17.3#

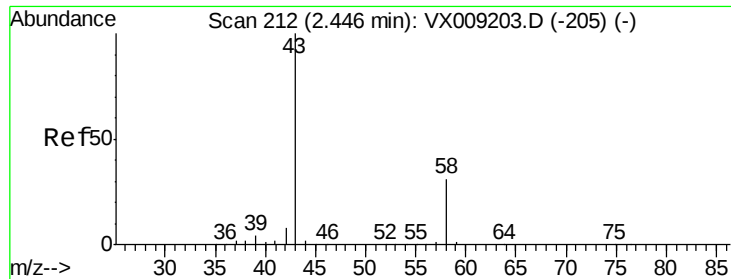


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 0.343 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

Instrument :

MSVOA_X

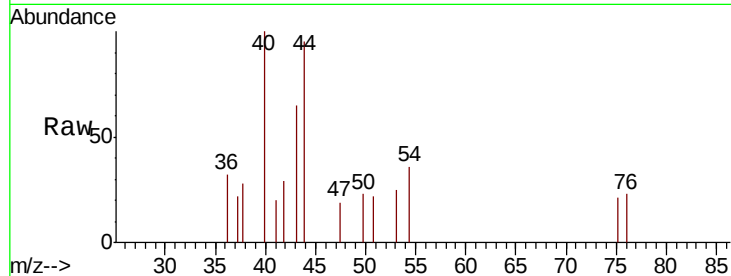
ClientSampled :

Tot Ion: 43 Resp: 461

Ion Ratio Lower Upper

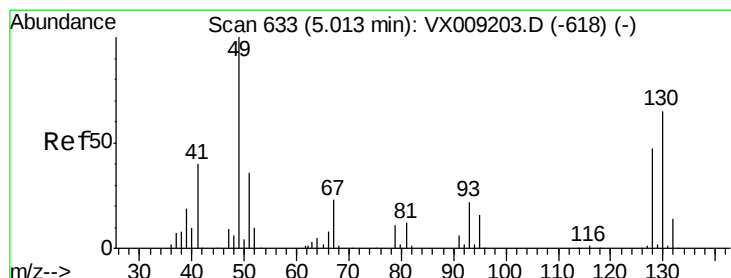
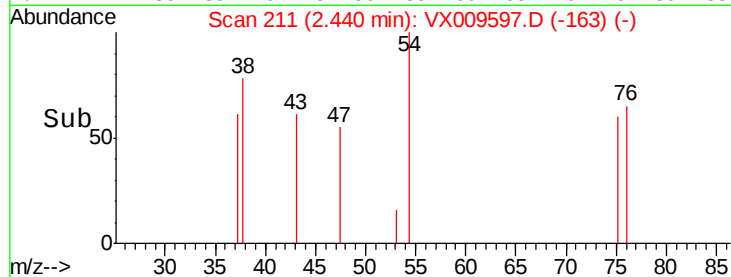
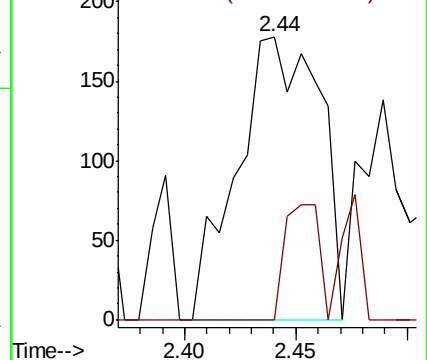
43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 4.96 min Scan# 625

Delta R.T. -0.05 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

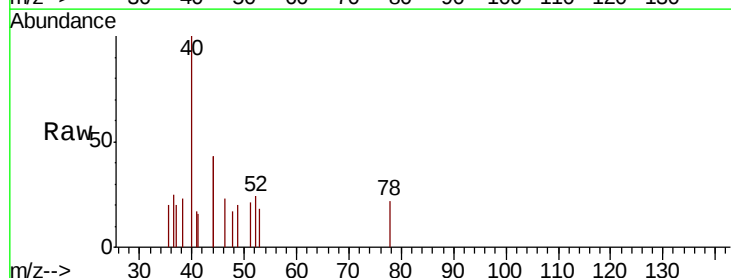
Tgt Ion: 49 Resp: 86

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

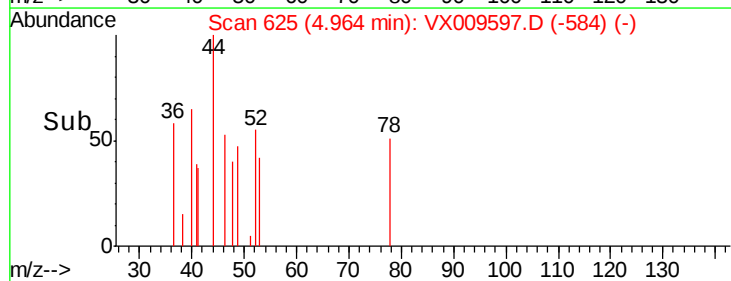
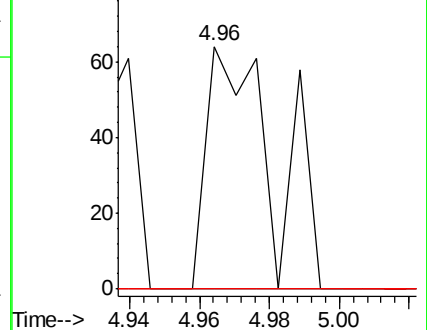
130 0.0 51.2 76.8#

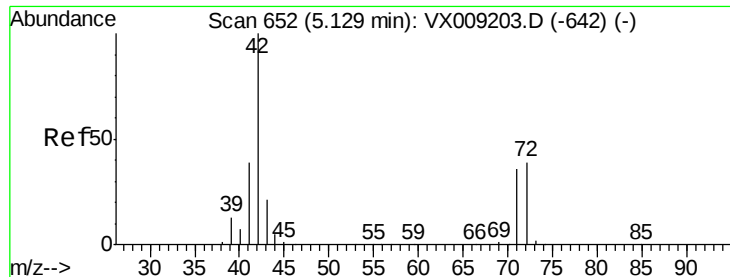


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

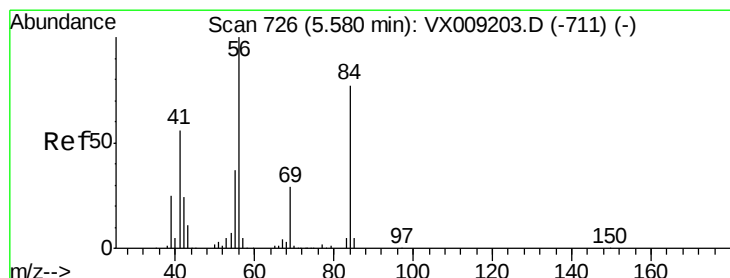
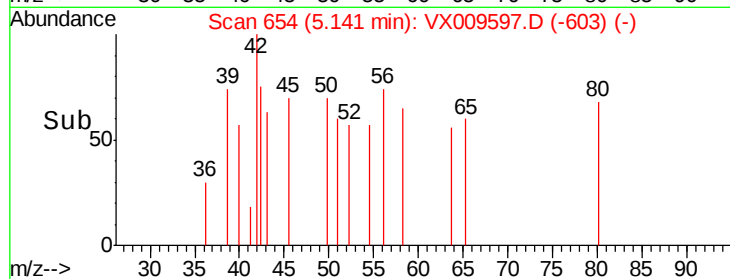
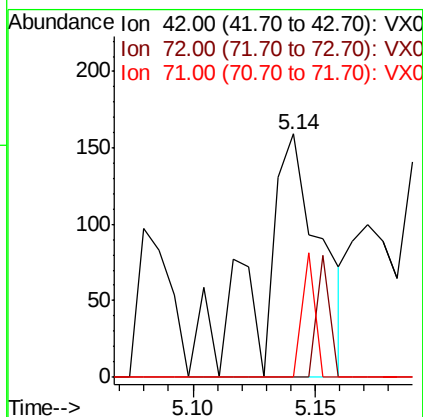
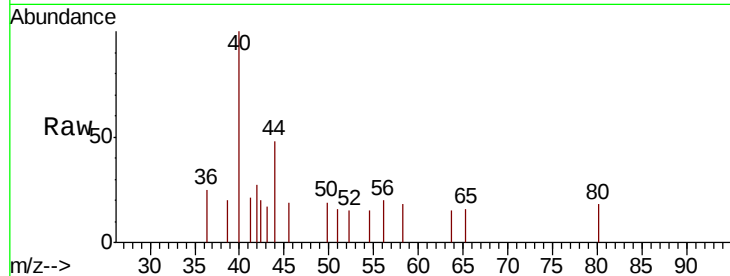




#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX009597.D
Acq: 16 May 2019 11:17

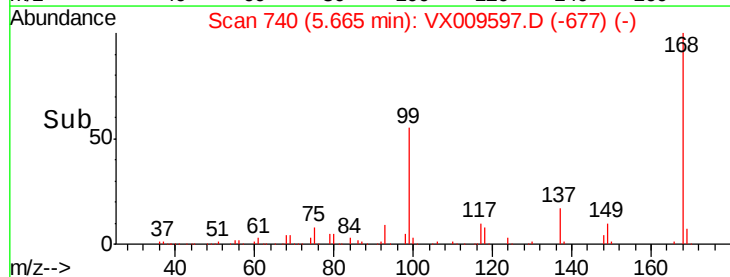
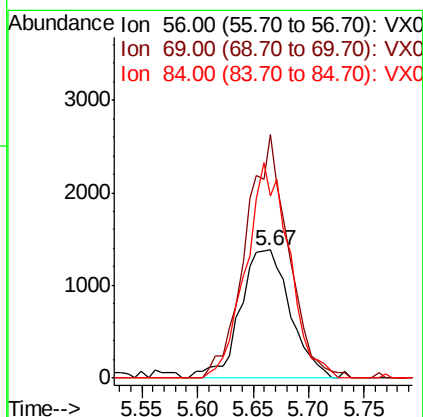
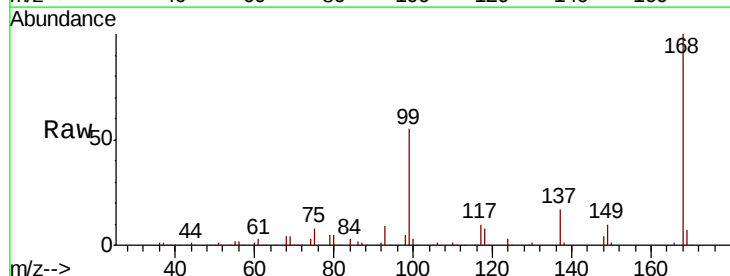
Instrument :
MSVOA_X
ClientSampled :

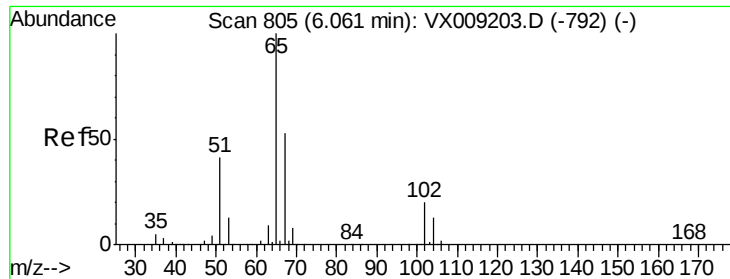
Tot Ion: 42 Resp: 276
Ion Ratio Lower Upper
42 100
72 10.5 30.4 45.6#
71 10.9 28.6 43.0#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX009597.D
Acq: 16 May 2019 11:17

Tgt Ion: 56 Resp: 4299
Ion Ratio Lower Upper
56 100
69 190.2 23.4 35.0#
84 141.9 61.9 92.9#

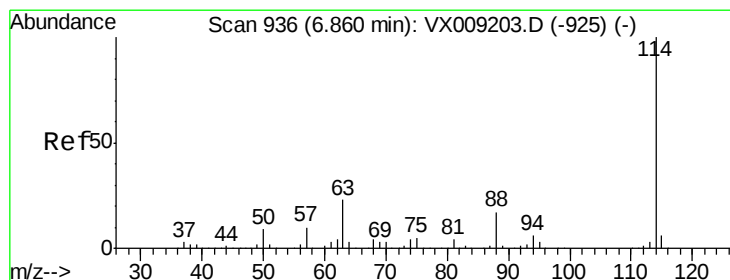
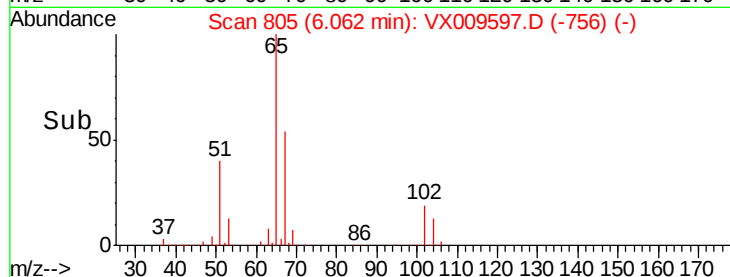
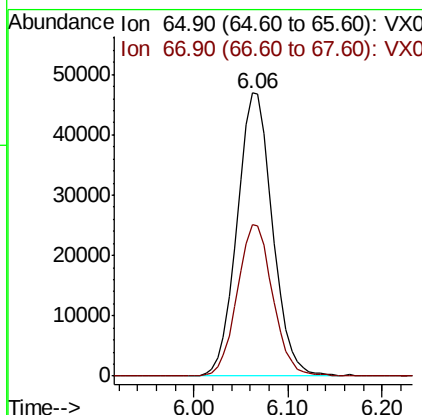
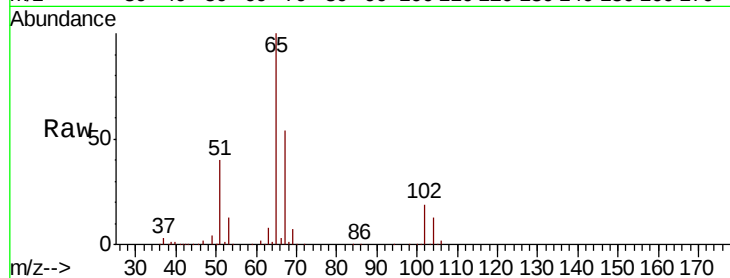




#33
 1,2-Dichloroethane-d4
 Concen: 49.296 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009597.D
 Acq: 16 May 2019 11:17

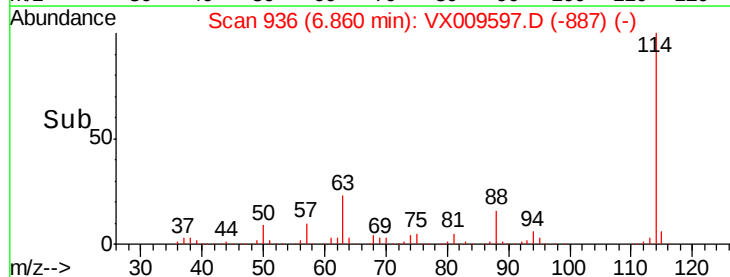
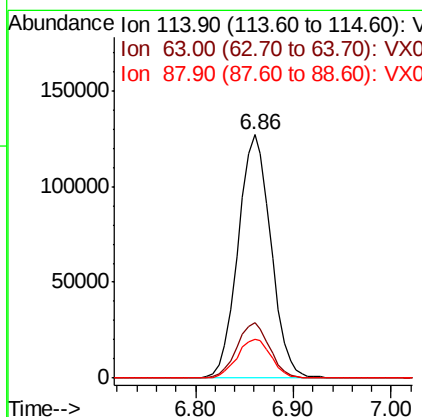
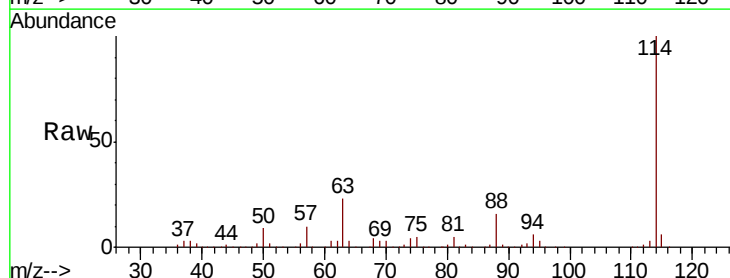
Instrument :
 MSVOA_X
 ClientSampleId :

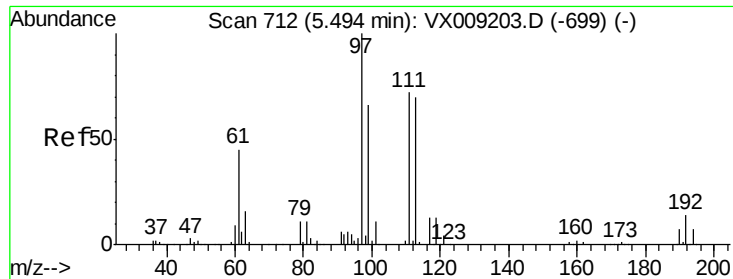
Tot Ion: 65 Resp: 123557
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009597.D
 Acq: 16 May 2019 11:17

Tgt Ion: 114 Resp: 295709
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.0 0.0 33.2

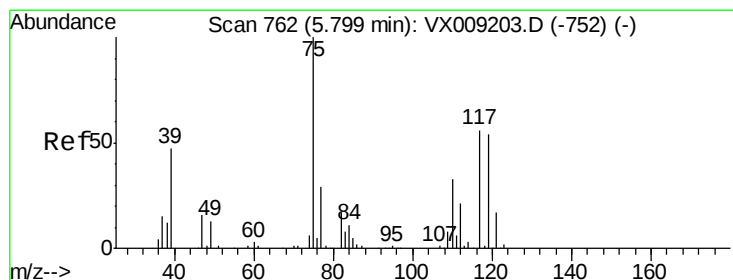
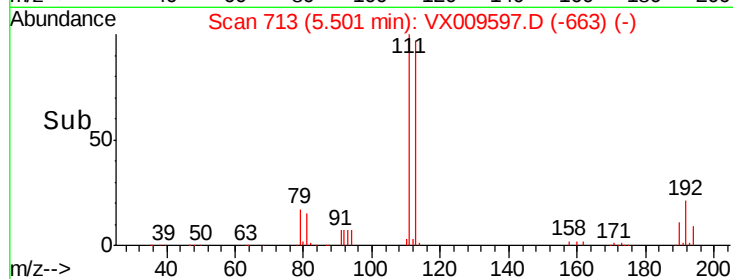
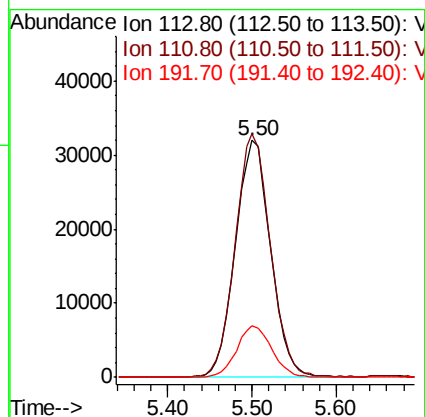
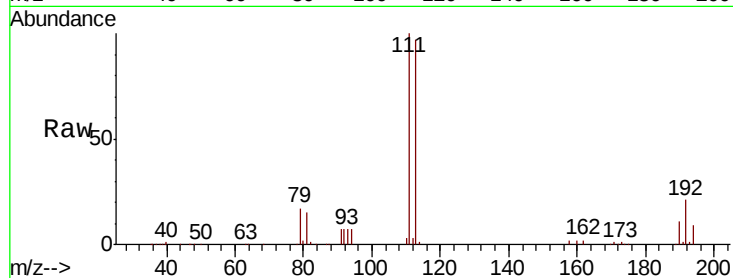




#35
 Dibromofluoromethane
 Concen: 48.787 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009597.D
 Acq: 16 May 2019 11:17

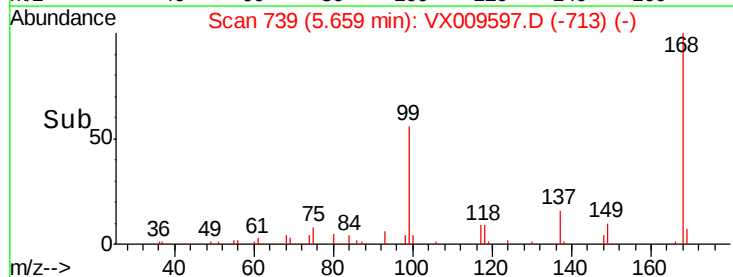
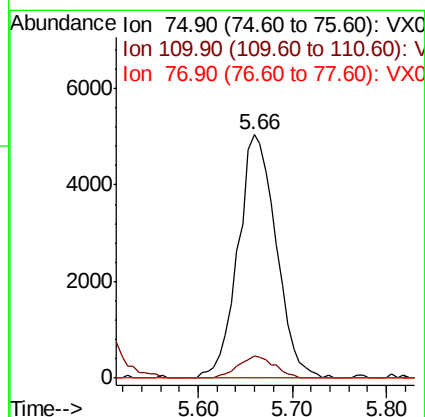
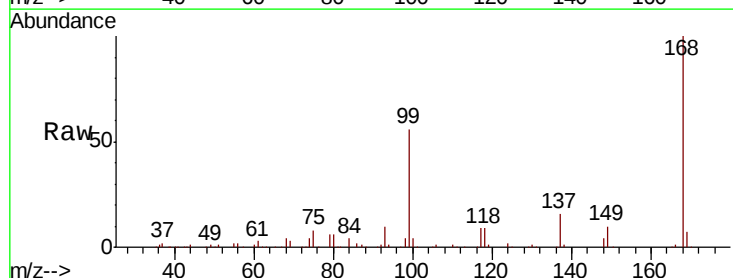
Instrument :
 MSVOA_X
 ClientSampleId :

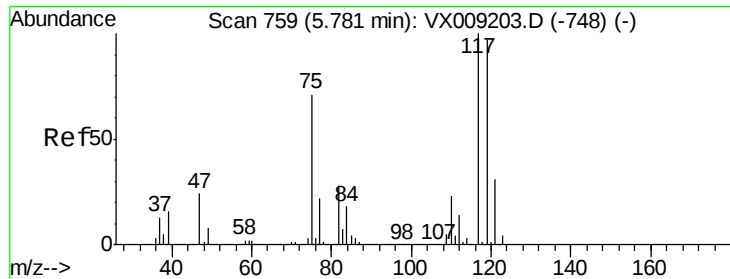
Tot Ion:113 Resp: 90693
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.8 124.2
 192 21.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.189 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009597.D
 Acq: 16 May 2019 11:17

Tgt Ion: 75 Resp: 14260
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.9 50.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.943 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

Instrument :

MSVOA_X

ClientSampled :

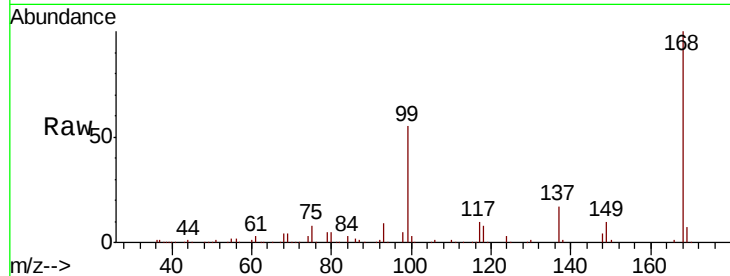
Tot Ion:117 Resp: 17335

Ion Ratio Lower Upper

117 100

119 4.9 77.5 116.3#

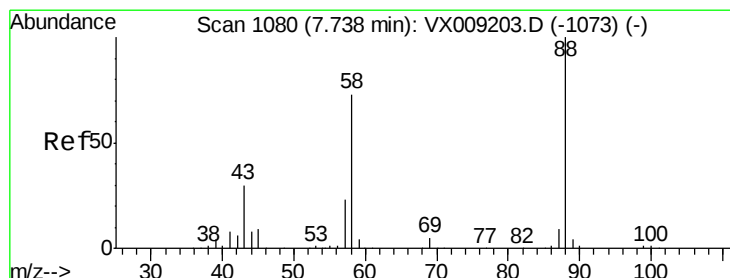
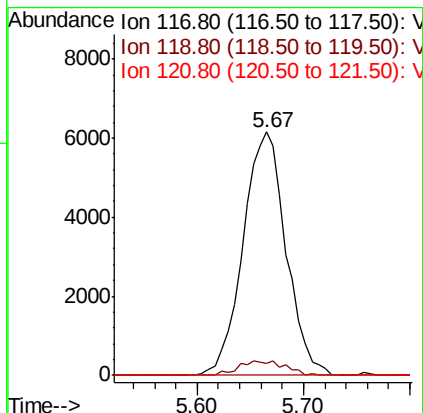
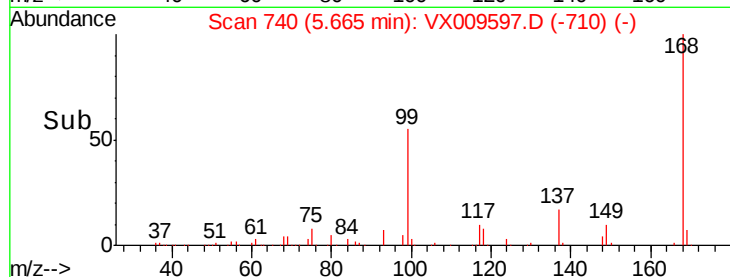
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 0.308 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.04 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

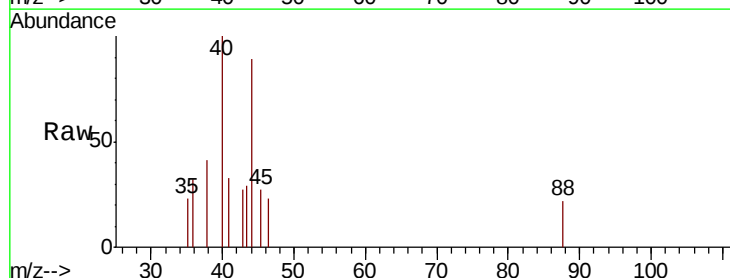
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 705.3 28.6 42.8#

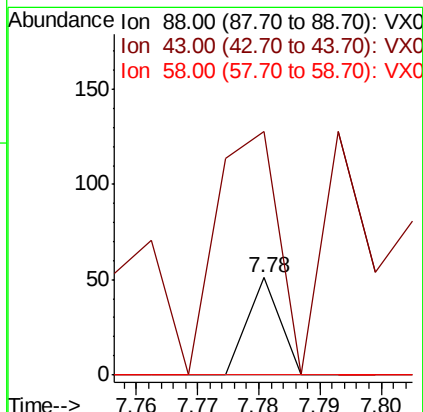
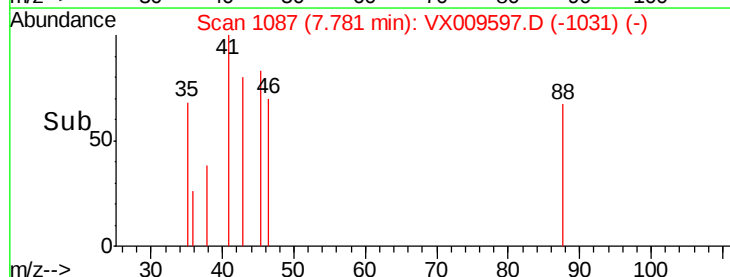
58 0.0 61.7 92.5#

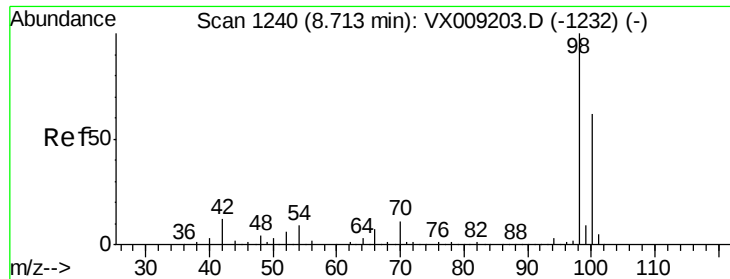


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.206 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

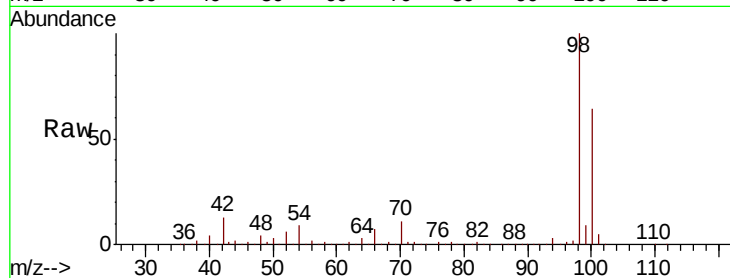
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 369295

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX009597.D (-1191) (-)

Ion 100.00 (99.70 to 100.70): VX009597.D (-1191) (-)

8.71

250000

200000

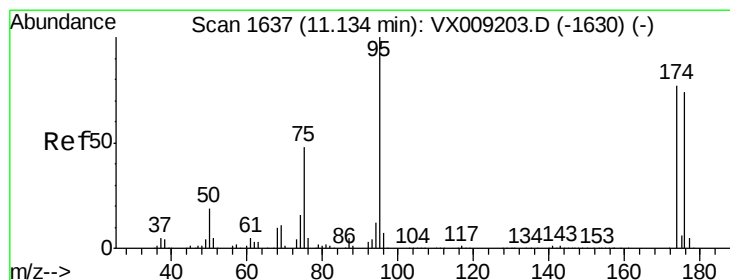
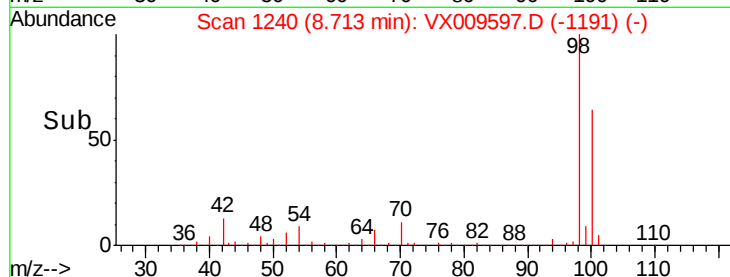
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.110 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

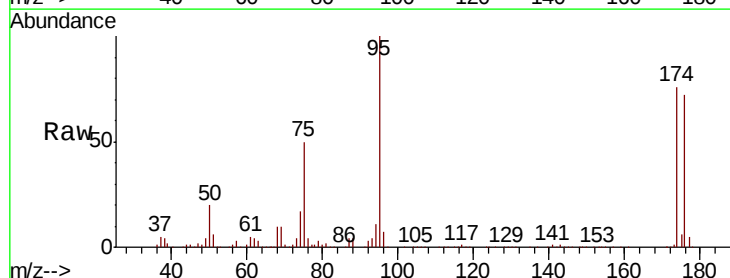
Tgt Ion: 95 Resp: 120290

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.6

176 78.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009597.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009597.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009597.D (-1588) (-)

11.13

120000

100000

80000

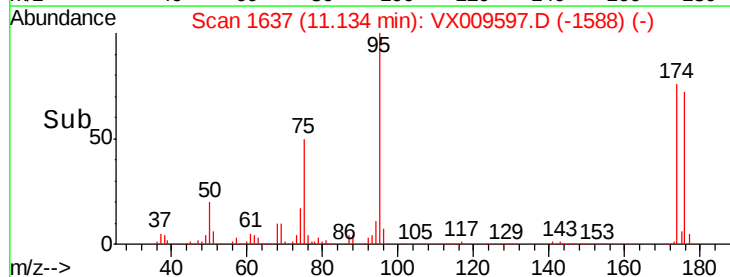
60000

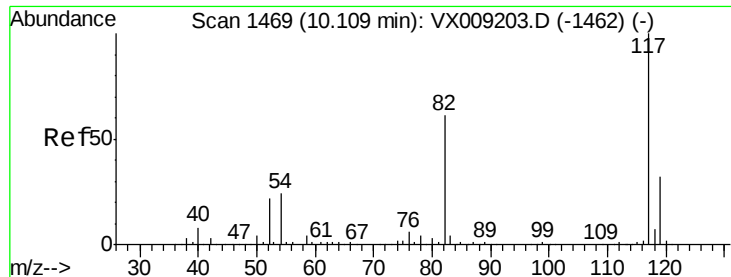
40000

20000

0

Time--> 11.10 11.20 11.30

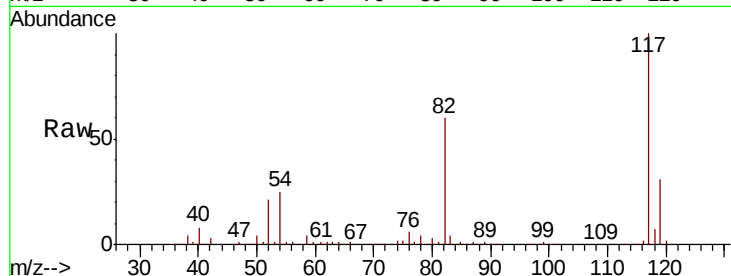




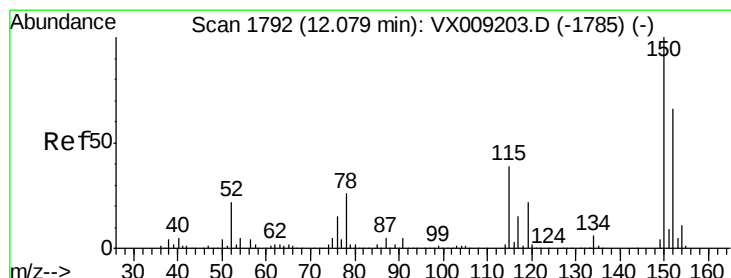
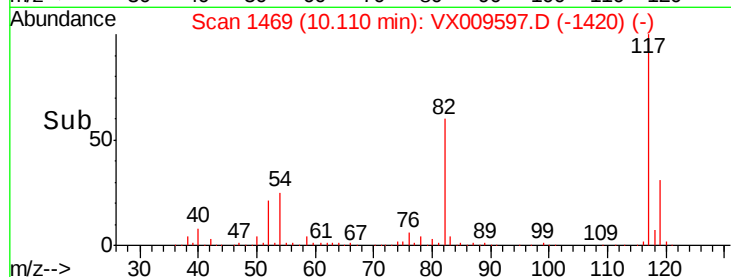
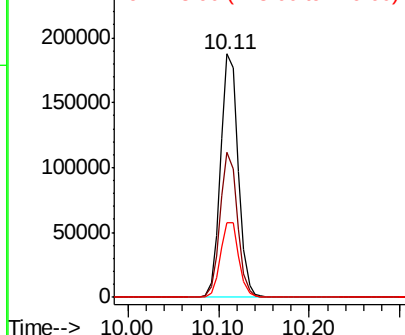
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009597.D
Acq: 16 May 2019 11:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 255202
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 30.7 25.8 38.6

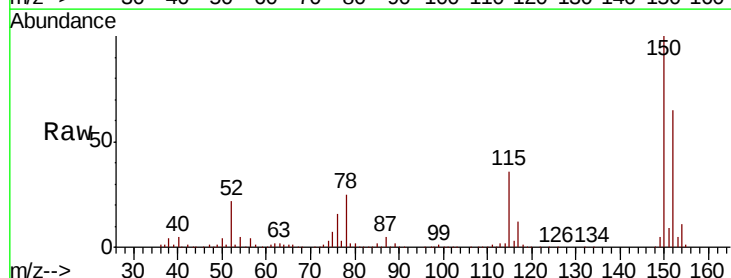


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

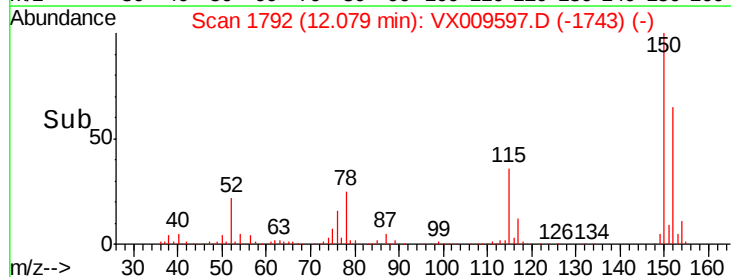
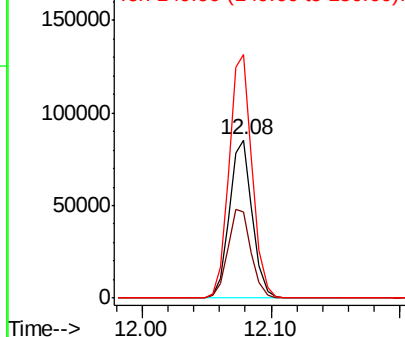


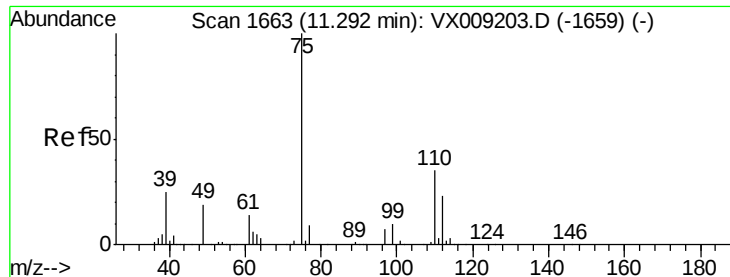
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009597.D
Acq: 16 May 2019 11:17

Tgt Ion:152 Resp: 105880
Ion Ratio Lower Upper
152 100
115 57.7 41.2 123.6
150 155.8 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





#76

1,2,3-Trichloropropane

Concen: 24.888 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

Instrument :

MSVOA_X

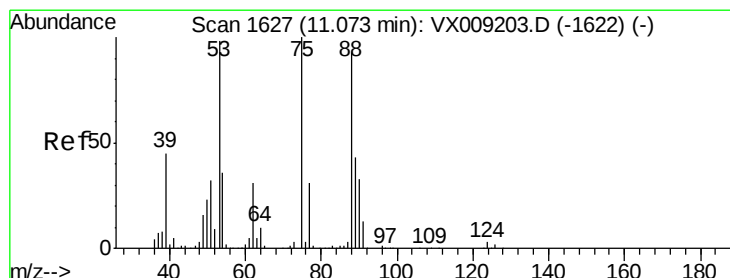
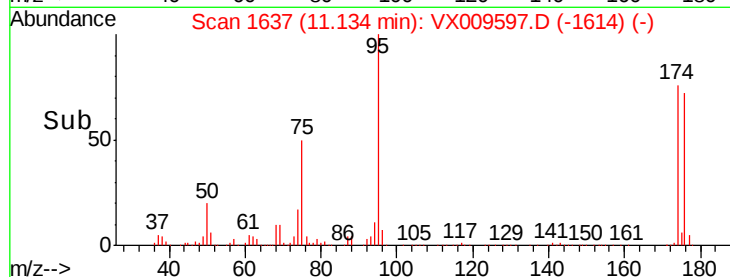
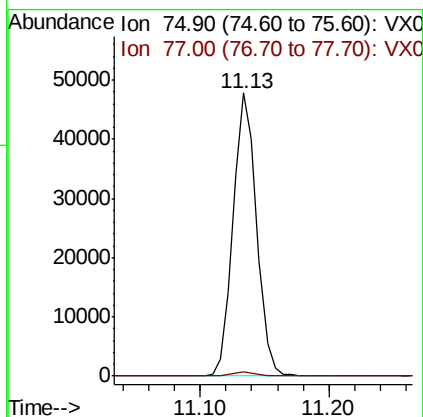
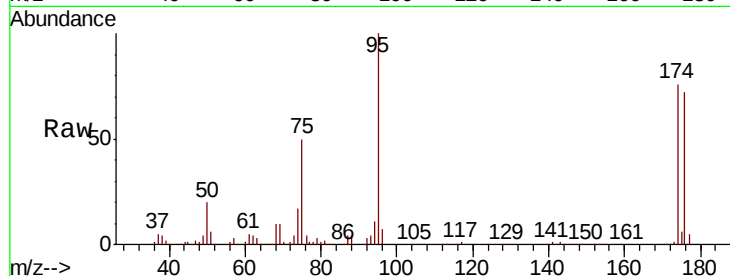
ClientSampled :

Tot Ion: 75 Resp: 61126

Ion Ratio Lower Upper

75 100

77 1.5 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.680 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009597.D

Acq: 16 May 2019 11:17

Tgt Ion: 75 Resp: 61126

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

