

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009445.D
 Acq On : 09 May 2019 22:47
 Operator : JC/SP
 Sample : VX0509WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 07:10:39 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	191177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117062	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	124567	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	5.50	113	93384	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	8.71	98	382326	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	128495	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	

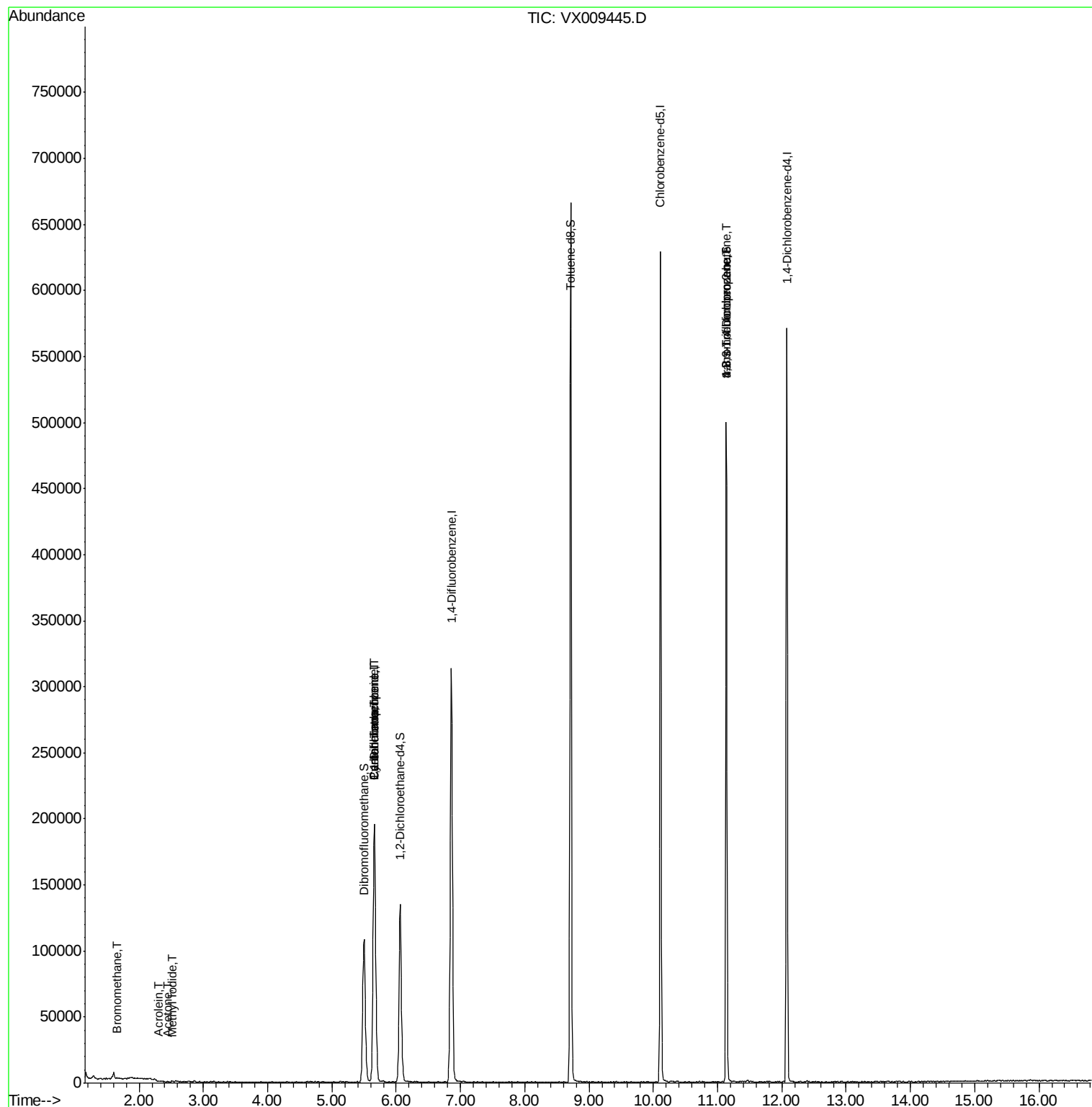
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	438	0.311	ug/l	100
10) Methyl Iodide	2.52	142	444	4.788	ug/l #	70
13) Acrolein	2.30	56	187	0.342	ug/l	97
16) Acetone	2.44	43	503	0.359	ug/l	95
28) Bromochloromethane	5.01	49	38	Below Cal	#	20
31) Cyclohexane	5.67	56	4337	1.124	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14639	5.109	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17589	6.756	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	65007	23.940	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	65007	61.254	ug/l #	10

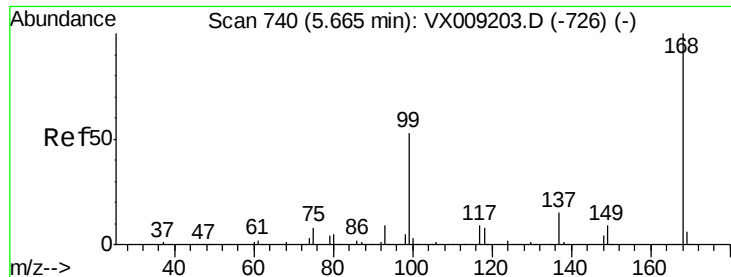
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050919\
Data File : VX009445.D
Acq On : 09 May 2019 22:47
Operator : JC/SP
Sample : VX0509WBL02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 10 07:10:39 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009445.D

Acq: 09 May 2019 22:47

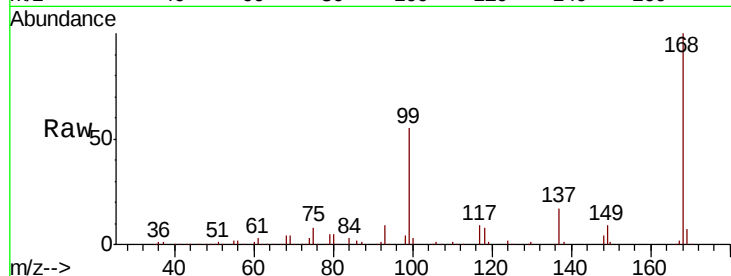
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 191177

Ion Ratio Lower Upper

168 100

99 54.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

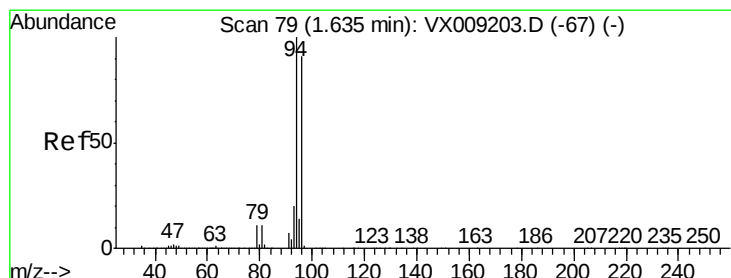
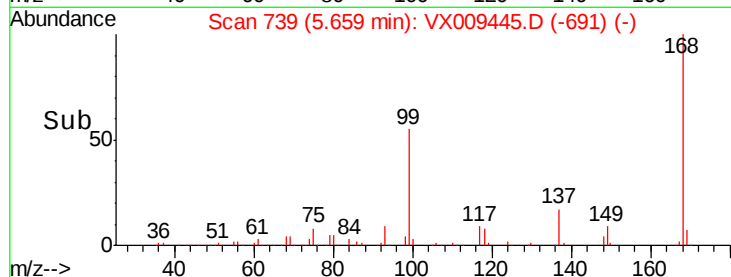
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.311 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009445.D

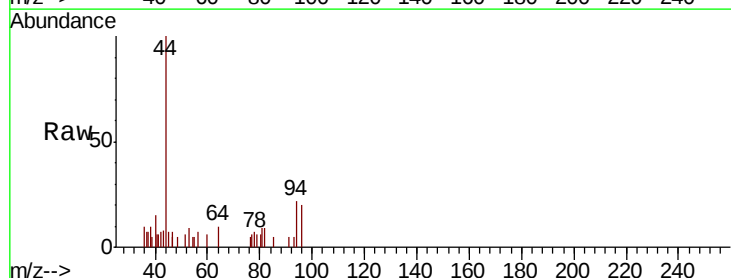
Acq: 09 May 2019 22:47

Tgt Ion: 94 Resp: 438

Ion Ratio Lower Upper

94 100

96 91.8 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

250

200

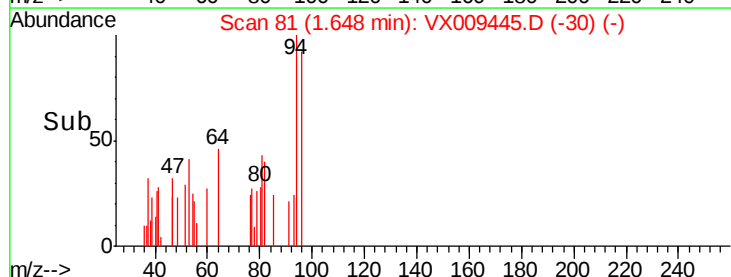
150

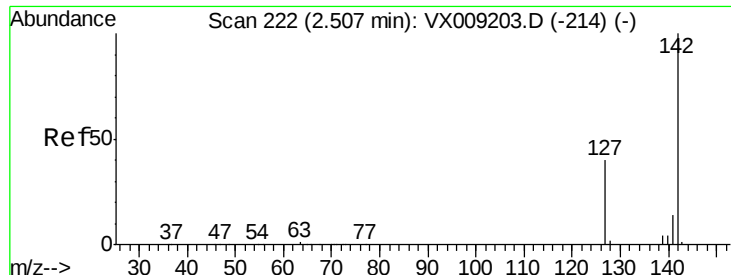
100

50

0

Time--> 1.60 1.65 1.70

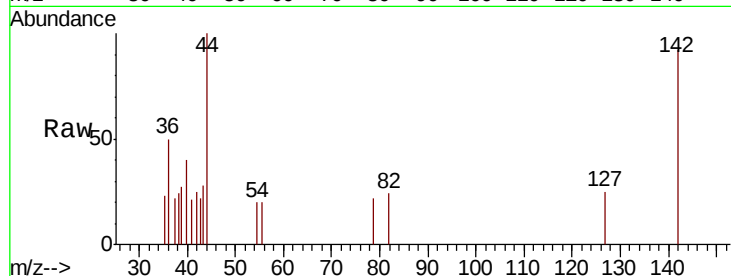




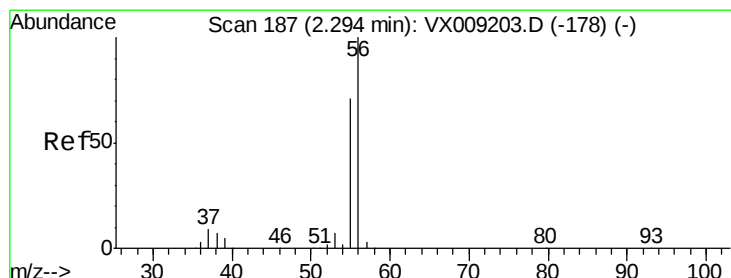
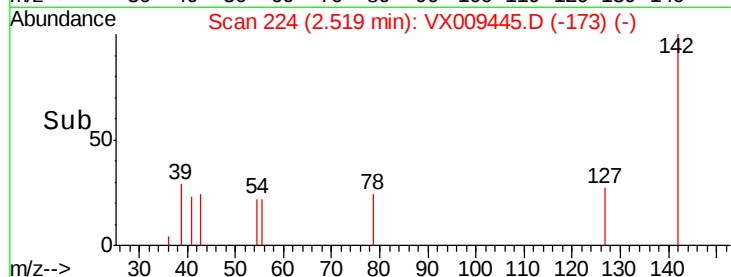
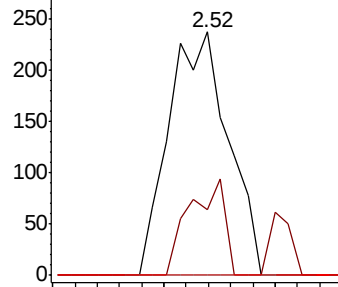
#10
Methvl Iodide
Concen: 4.788 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009445.D
Acq: 09 May 2019 22:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 444
Ion Ratio Lower Upper
142 100
127 23.6 32.7 49.1#
141 0.0 11.5 17.3#

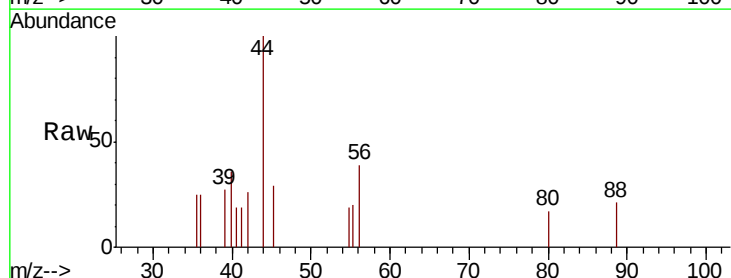


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

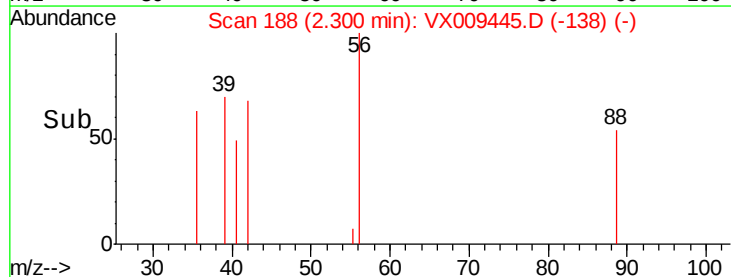
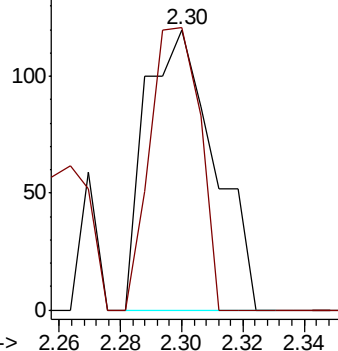


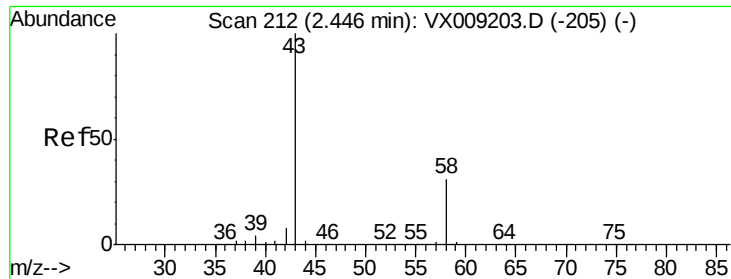
#13
Acrolein
Concen: 0.342 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX009445.D
Acq: 09 May 2019 22:47

Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 73.3 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

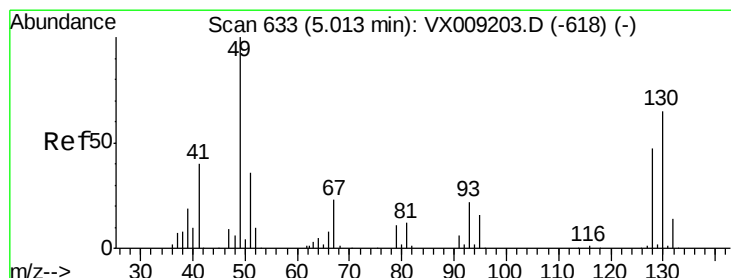
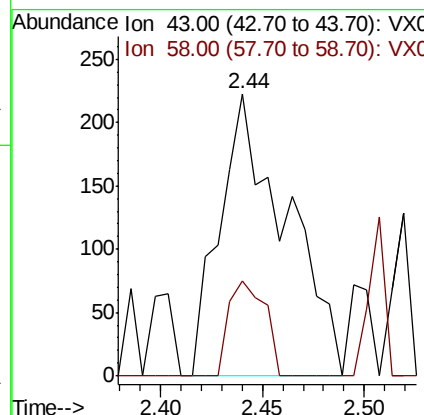
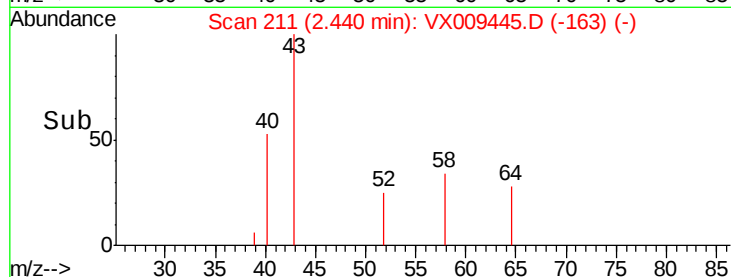
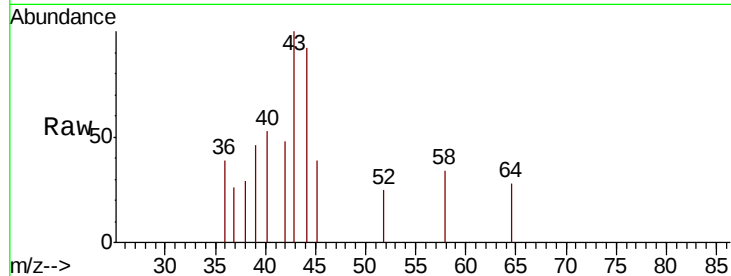




#16
Acetone
Concen: 0.359 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009445.D
Acq: 09 May 2019 22:47

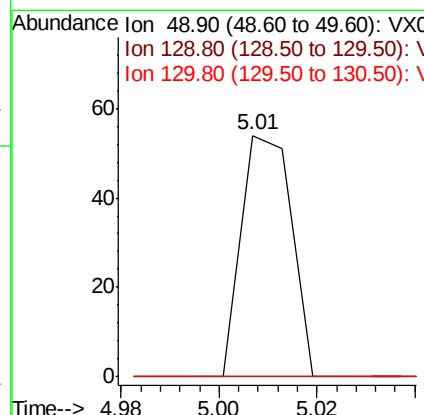
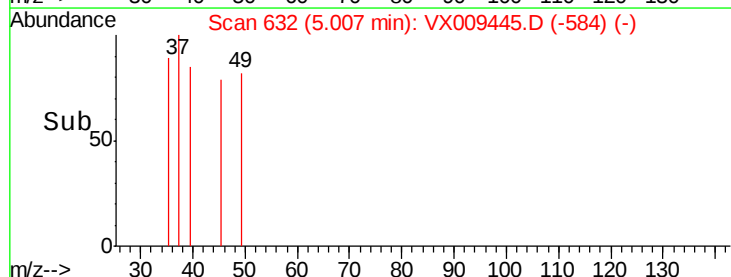
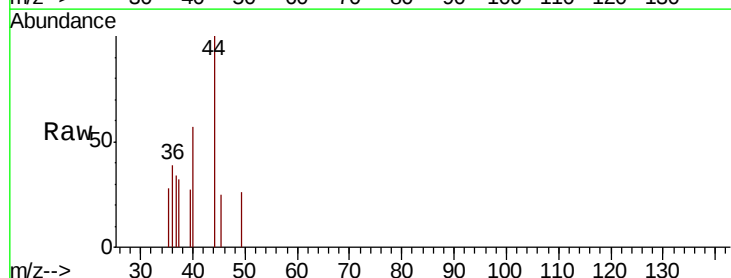
Instrument :
MSVOA_X
ClientSampleId :

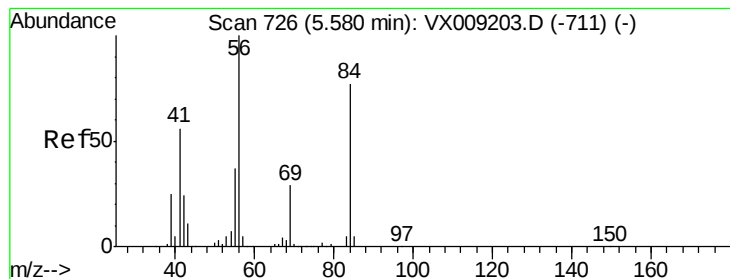
Tot Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
58 33.6 24.9 37.3



#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX009445.D
Acq: 09 May 2019 22:47

Tgt Ion: 49 Resp: 38
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 51.2 76.8#





#31

Cyclohexane

Concen: 1.124 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX009445.D

Acq: 09 May 2019 22:47

Instrument :
MSVOA_X
ClientSampleId :

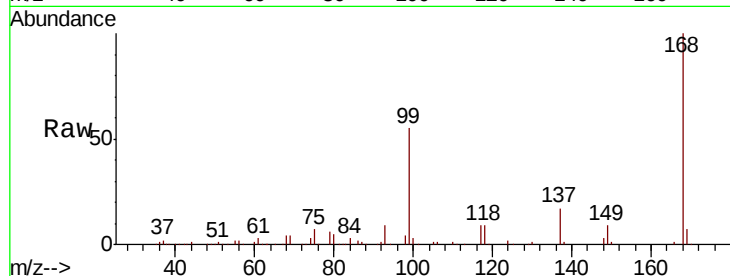
Tot Ion: 56 Resp: 4337

Ion Ratio Lower Upper

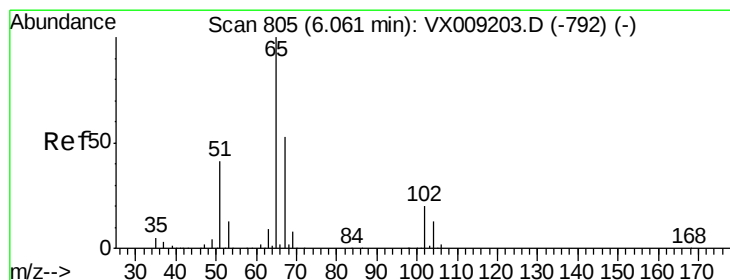
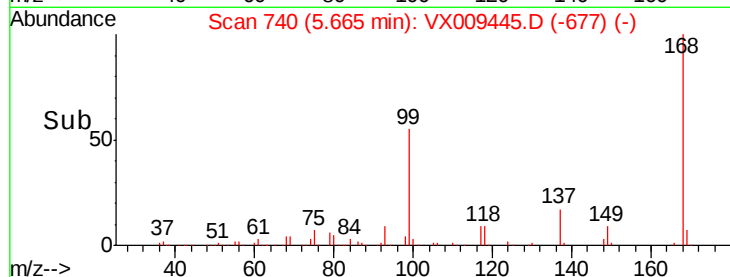
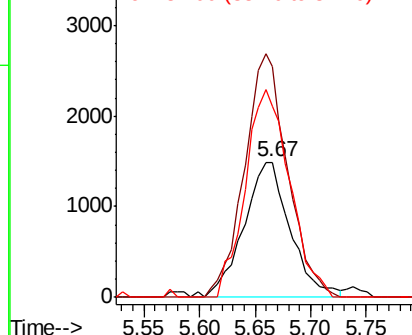
56 100

69 171.0 23.4 35.0#

84 141.5 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: 47.731 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009445.D

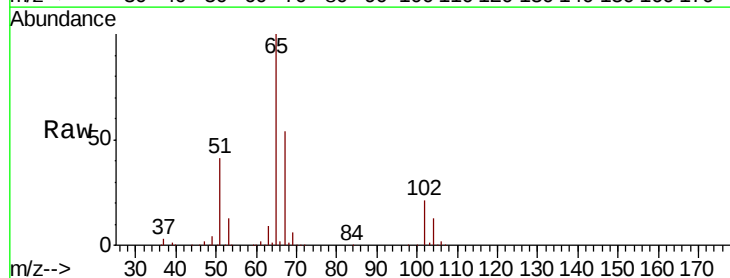
Acq: 09 May 2019 22:47

Tgt Ion: 65 Resp: 124567

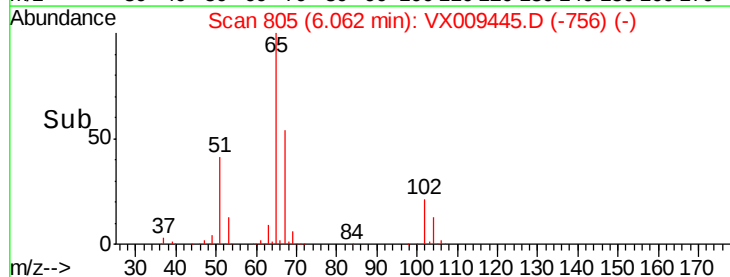
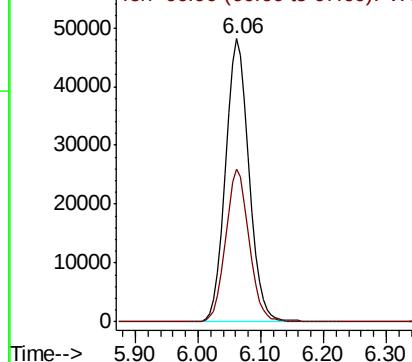
Ion Ratio Lower Upper

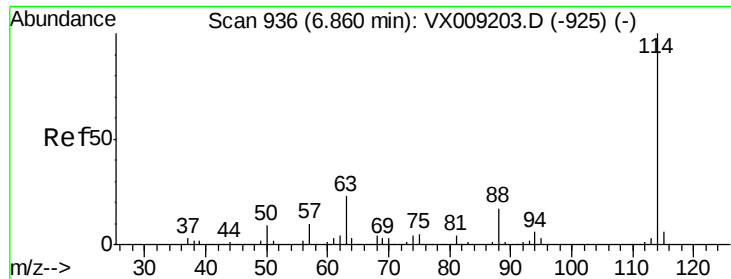
65 100

67 53.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

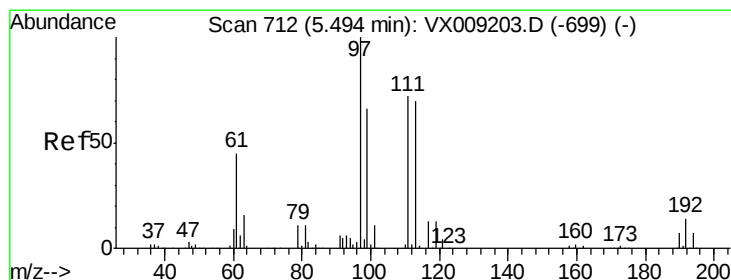
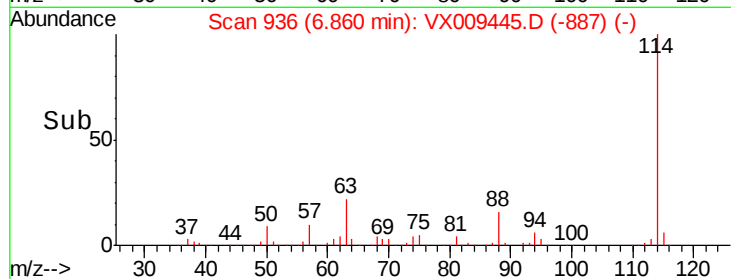
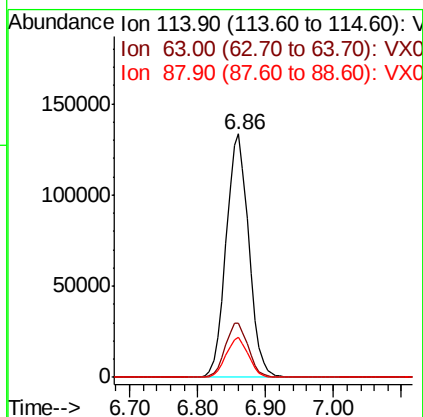
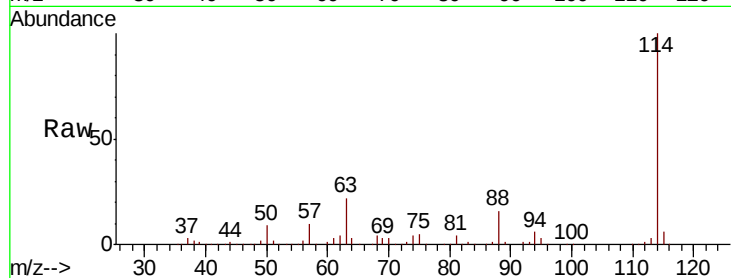




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009445.D
 Acq: 09 May 2019 22:47

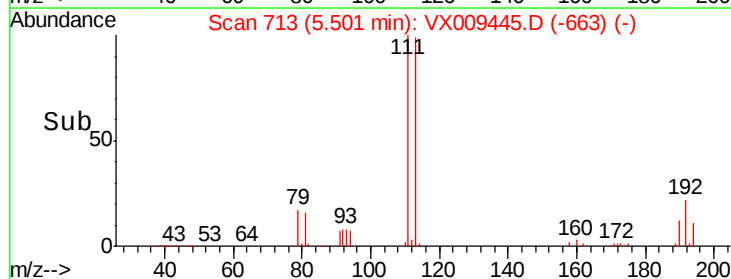
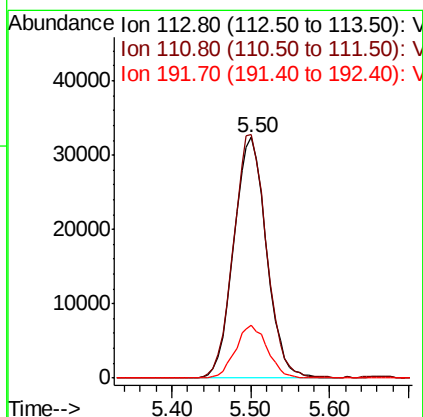
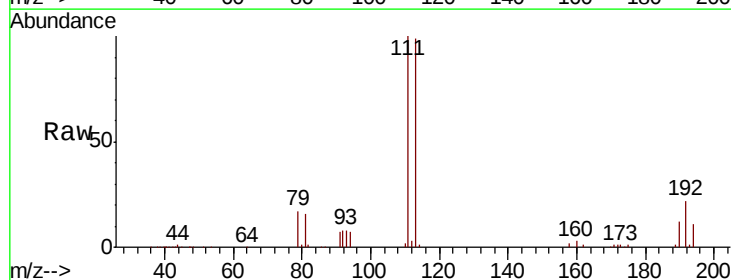
Instrument :
 MSVOA_X
 ClientSampleId :

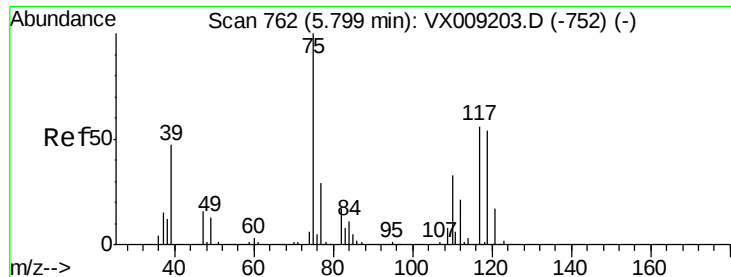
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.6
88	16.3	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 48.174 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009445.D
 Acq: 09 May 2019 22:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	21.6	17.0	25.6





#36

1,1-Dichloropropene

Concen: 5.109 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009445.D

Acq: 09 May 2019 22:47

Instrument :

MSVOA_X

ClientSampleId :

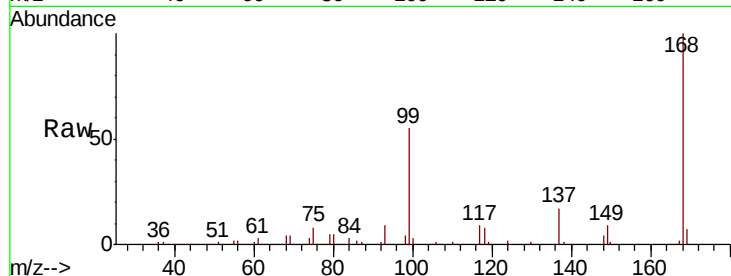
Tot Ion: 75 Resp: 14639

Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.6#

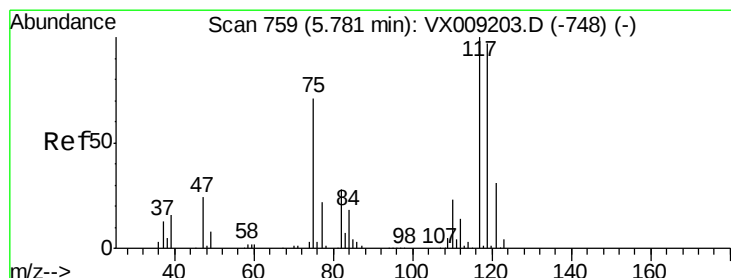
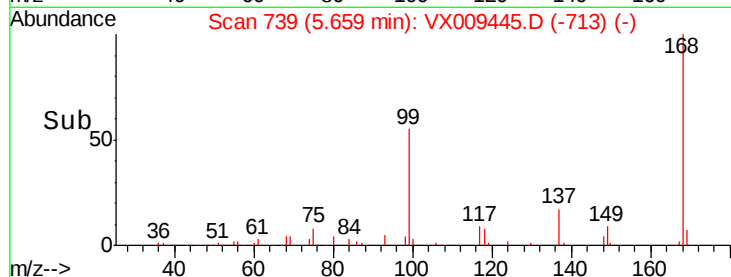
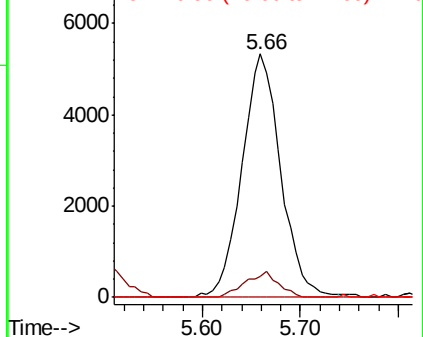
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.756 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009445.D

Acq: 09 May 2019 22:47

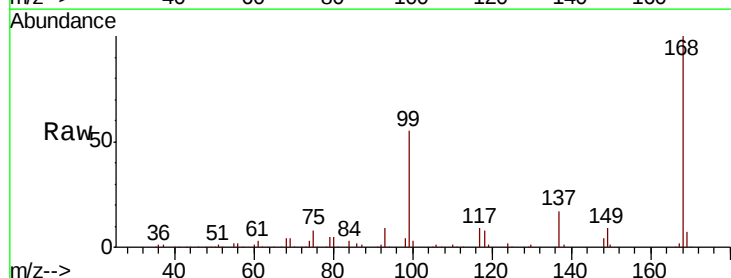
Tgt Ion: 117 Resp: 17589

Ion Ratio Lower Upper

117 100

119 5.5 77.5 116.3#

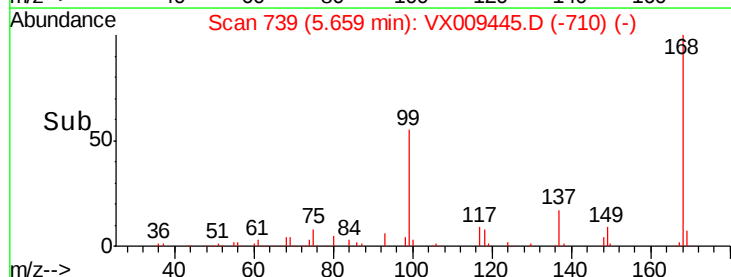
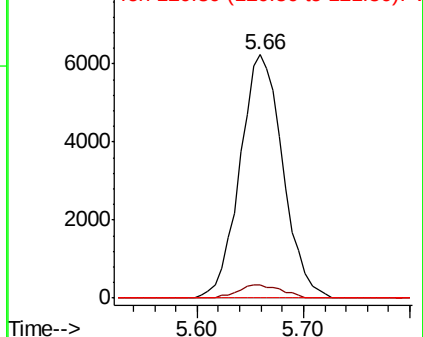
121 0.0 24.7 37.1#

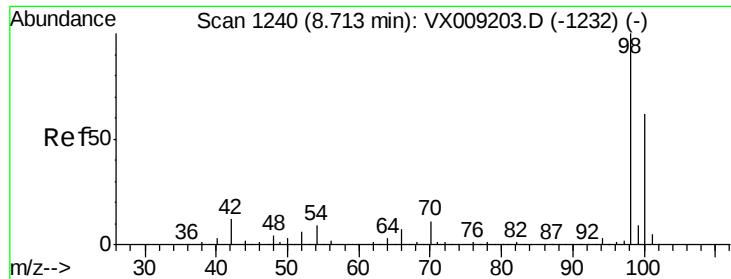


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 48.853 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009445.D

Acq: 09 May 2019 22:47

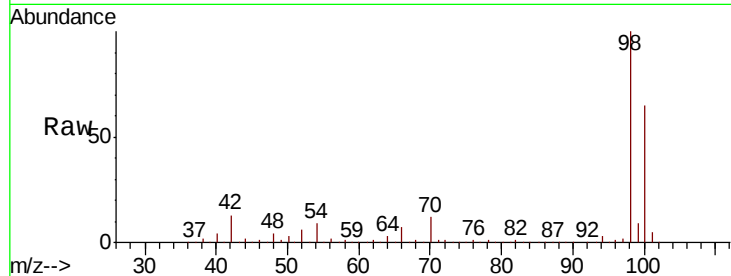
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 382326

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

100000

50000

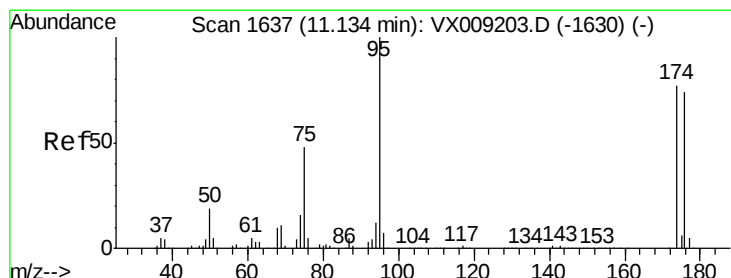
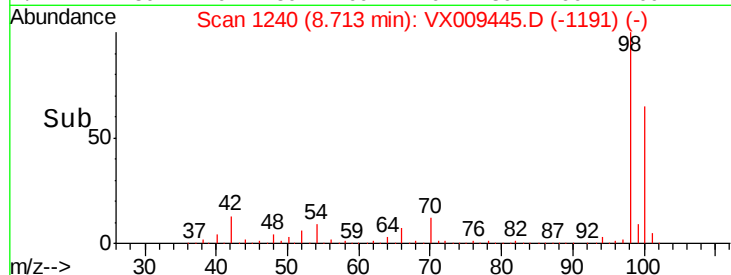
0

8.60

8.71

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 45.186 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009445.D

Acq: 09 May 2019 22:47

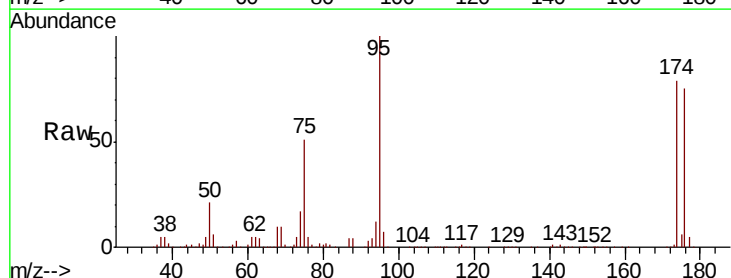
Tgt Ion: 95 Resp: 128495

Ion Ratio Lower Upper

95 100

174 82.8 0.0 161.6

176 79.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

50000

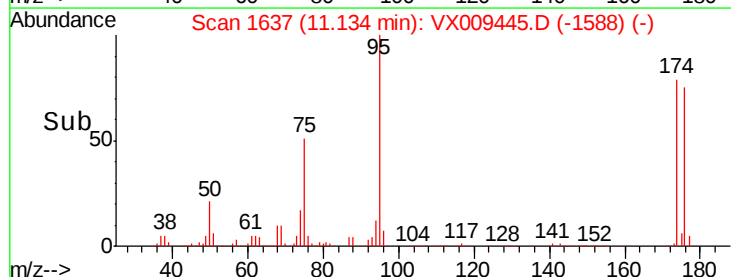
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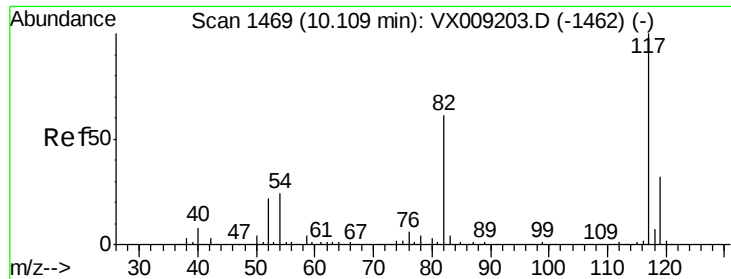
11.10

11.13

11.20

Time-->

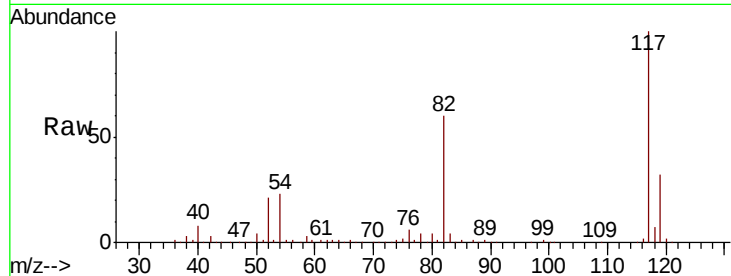




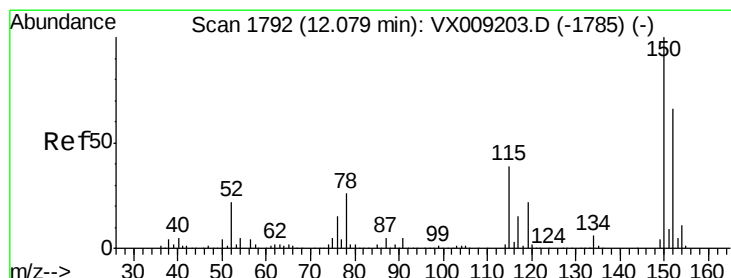
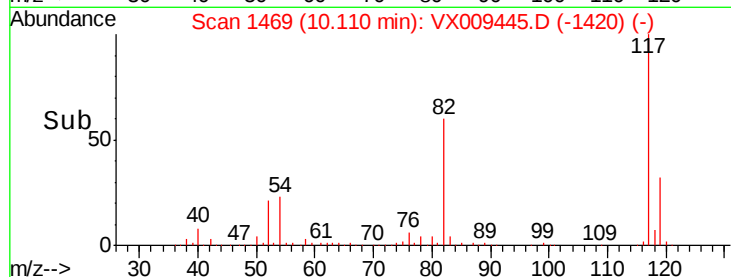
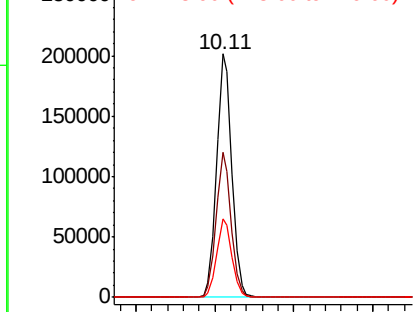
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009445.D
Acq: 09 May 2019 22:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 270666
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 32.2 25.8 38.6

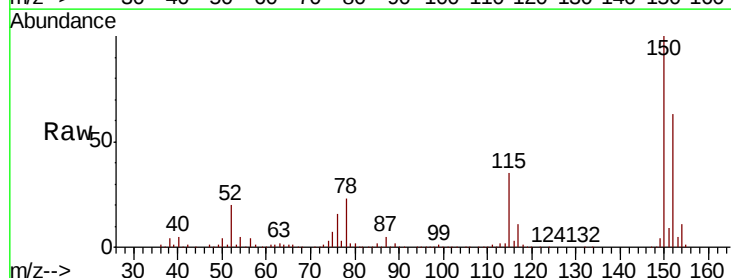


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

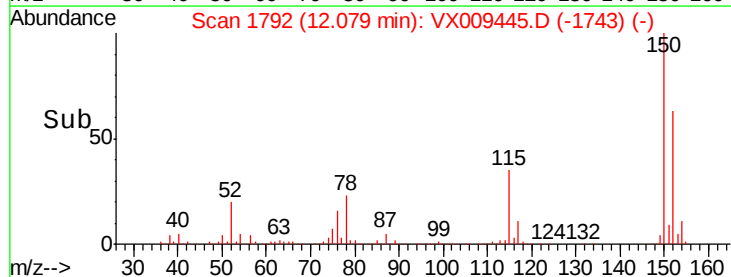
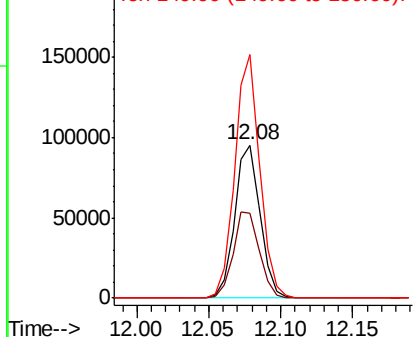


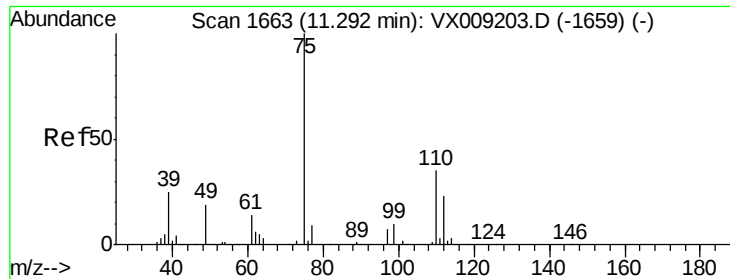
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009445.D
Acq: 09 May 2019 22:47

Tgt Ion:152 Resp: 117062
Ion Ratio Lower Upper
152 100
115 58.4 41.2 123.6
150 156.7 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: 23.940 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009445.D

Acq: 09 May 2019 22:47

Instrument :

MSVOA_X

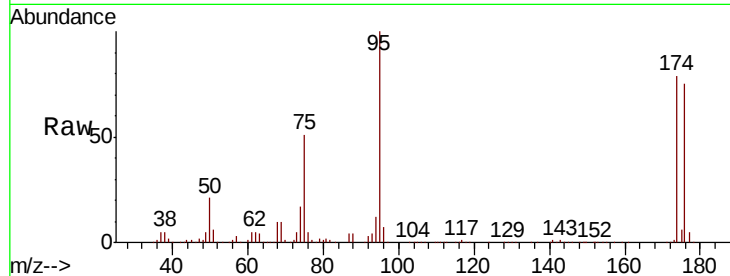
ClientSampleId :

Tot Ion: 75 Resp: 65007

Ion Ratio Lower Upper

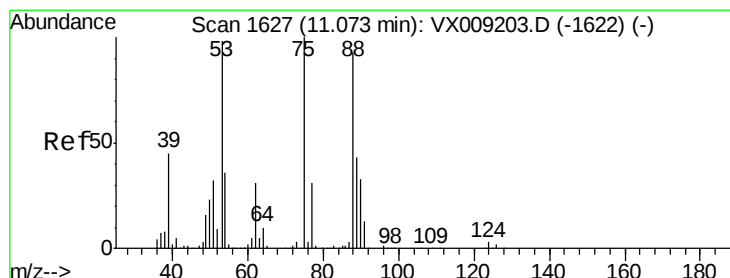
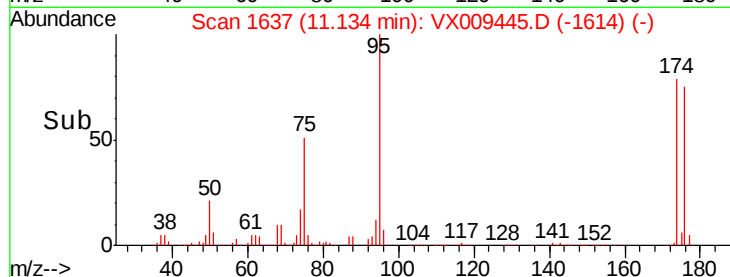
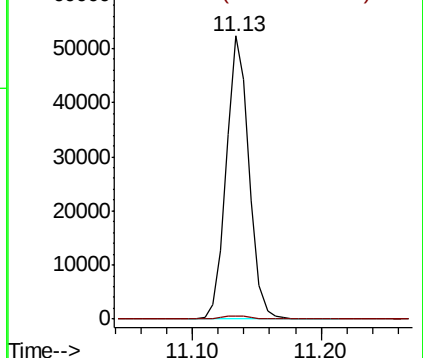
75 100

77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 61.254 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009445.D

Acq: 09 May 2019 22:47

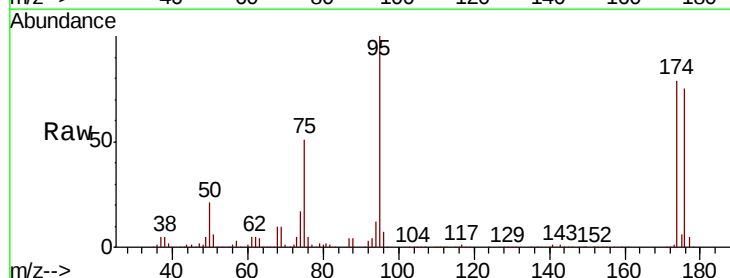
Tgt Ion: 75 Resp: 65007

Ion Ratio Lower Upper

75 100

53 0.2 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

