

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041619\
 Data File : VX008977.D
 Acq On : 16 Apr 2019 11:12
 Operator : JC/SP
 Sample : VX0416MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416MBL01

Quant Time: Apr 16 11:34:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 14:18:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	405923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144192	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	163450	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	
35) Dibromofluoromethane	5.49	113	121759	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
50) Toluene-d8	8.71	98	504577	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.13	95	163481	44.58	ug/l	0.00
Spiked Amount			Recovery	=	89.16%	

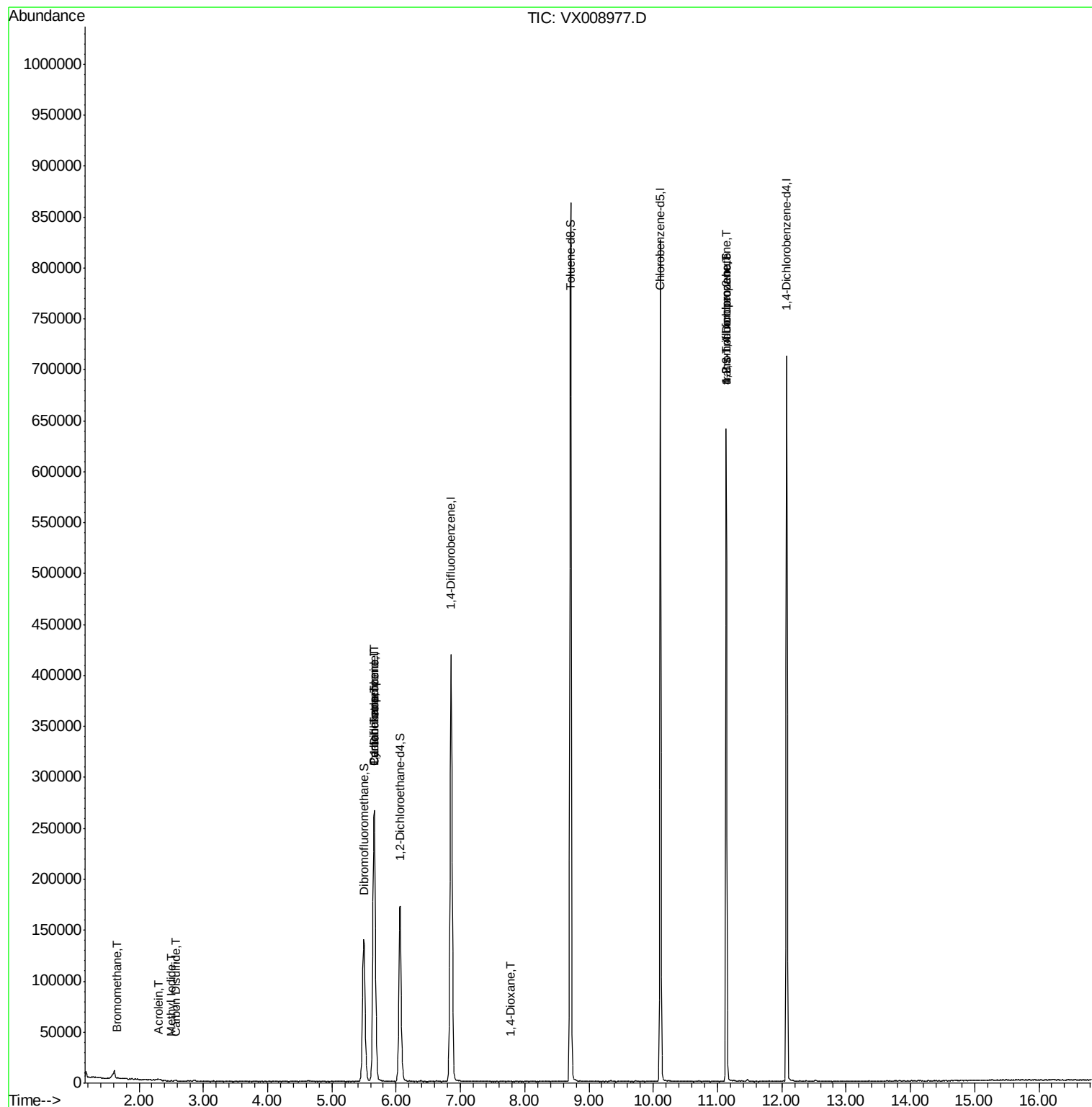
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	238	3.947	ug/l	83
10) Methyl Iodide	2.51	142	234	4.488	ug/l #	80
13) Acrolein	2.29	56	230	0.329	ug/l #	82
17) Carbon Disulfide	2.57	76	975	1.369	ug/l #	72
28) Bromochloromethane	5.01	49	180	Below Cal	#	22
31) Cyclohexane	5.65	56	5608	0.944	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	20423	4.865	ug/l #	46
38) Carbon Tetrachloride	5.66	117	24480	6.878	ug/l #	16
49) 1,4-Dioxane	7.78	88	22	0.273	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	83168	18.120	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	83168	60.643	ug/l #	9

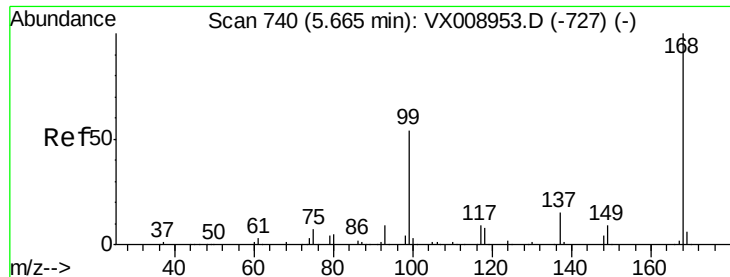
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX041619\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008977.D

Acq: 16 Apr 2019 11:12

Instrument :

MSVOA_X

ClientSampled :

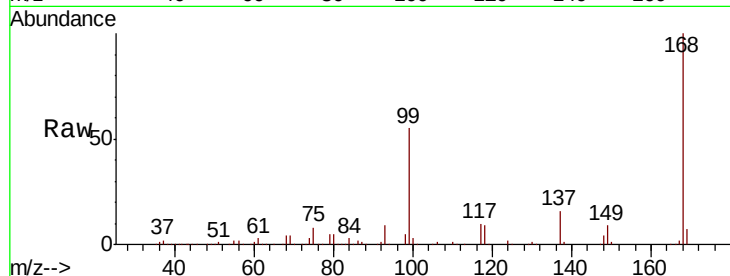
VX0416MBL01

Tgt Ion:168 Resp: 258571

Ion Ratio Lower Upper

168 100

99 55.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

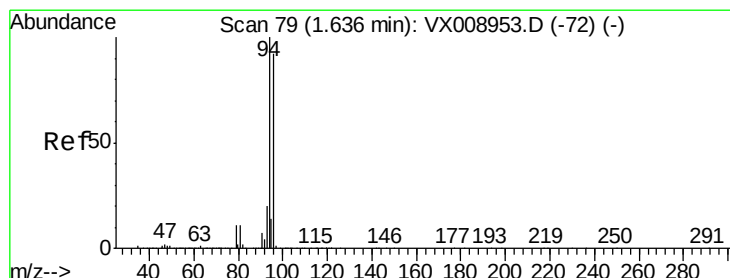
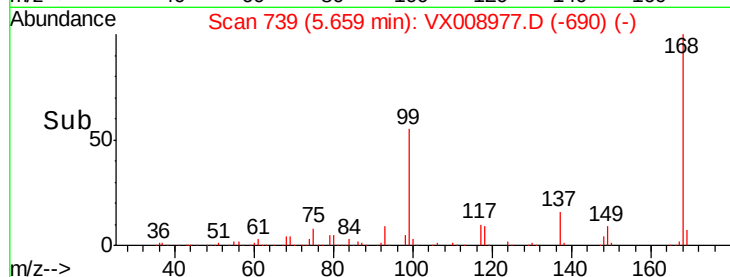
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 3.947 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX008977.D

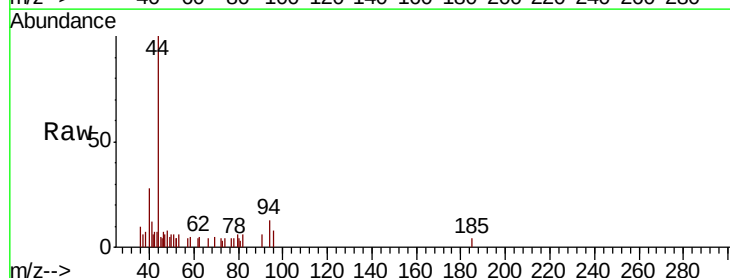
Acq: 16 Apr 2019 11:12

Tgt Ion: 94 Resp: 238

Ion Ratio Lower Upper

94 100

96 77.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

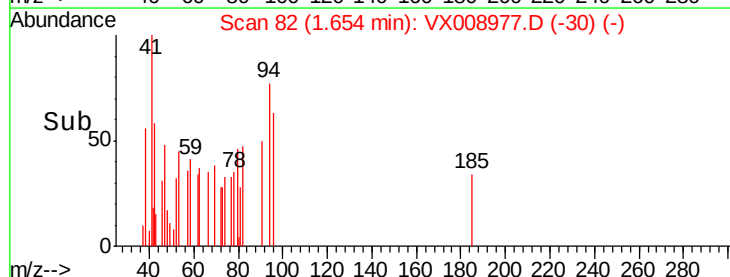
100

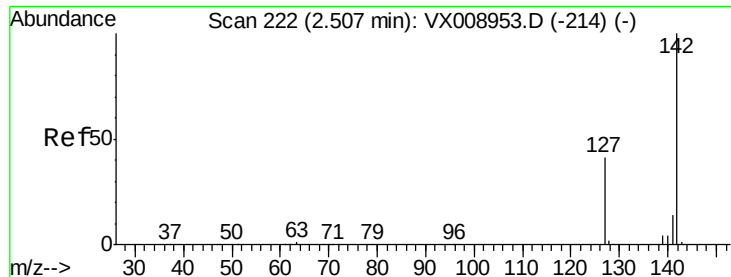
50

0

Time-->

1.65 1.70

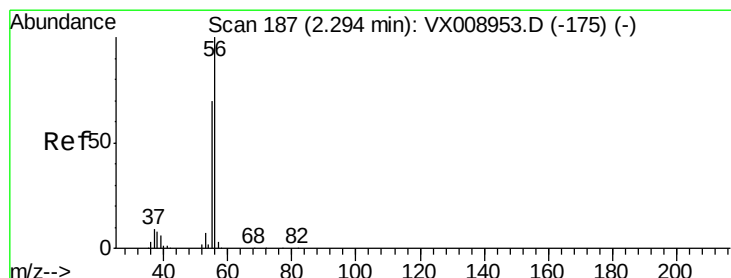
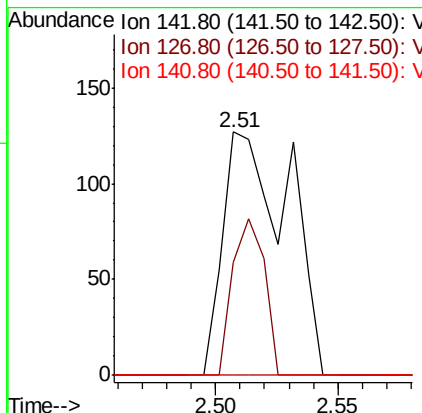
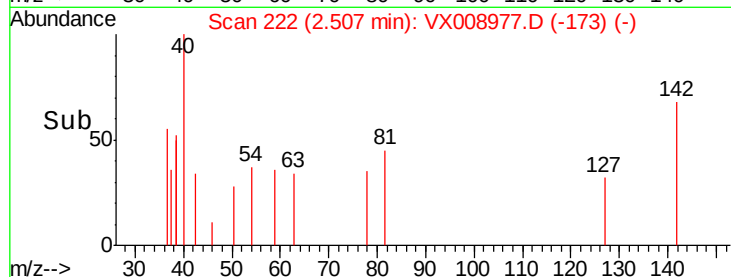
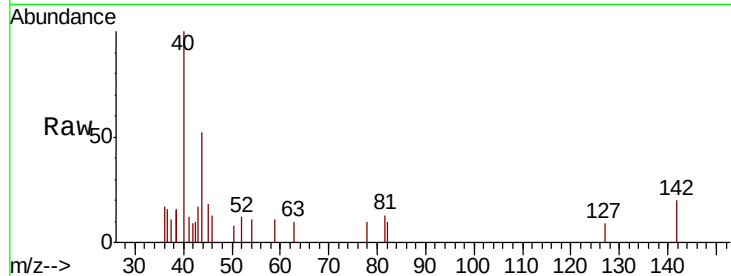




#10
Methyl Iodide
Concen: 4.488 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX008977.D
Acq: 16 Apr 2019 11:12

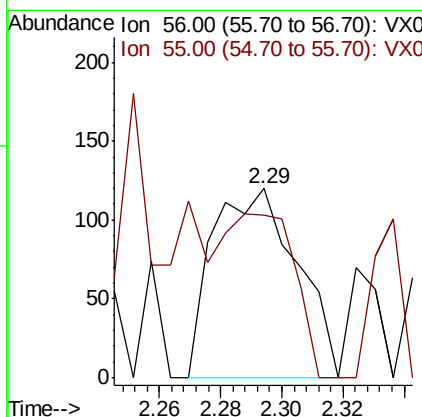
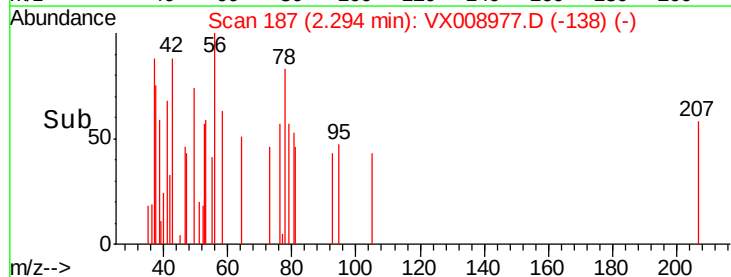
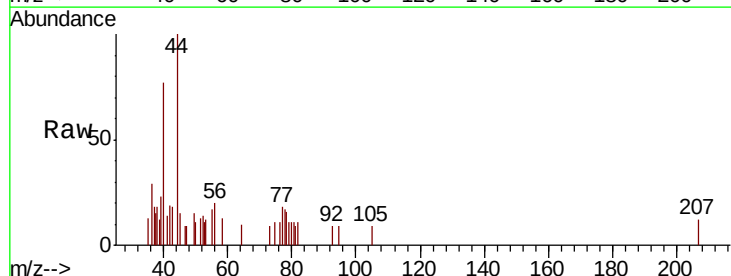
Instrument :
MSVOA_X
ClientSampleId :
VX0416MBL01

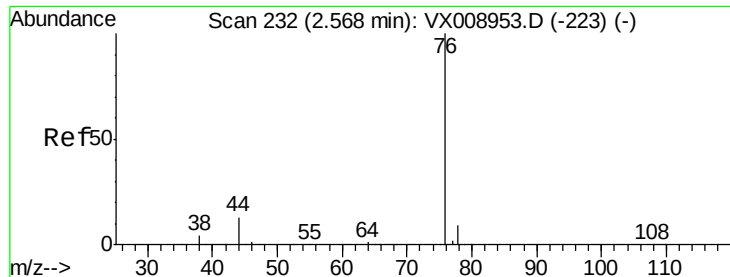
Tgt Ion: 142 Resp: 234
Ion Ratio Lower Upper
142 100
127 31.6 33.0 49.6#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 0.329 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008977.D
Acq: 16 Apr 2019 11:12

Tgt Ion: 56 Resp: 230
Ion Ratio Lower Upper
56 100
55 57.8 58.0 87.0#





#17

Carbon Disulfide

Concen: 1.369 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX008977.D

Acq: 16 Apr 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

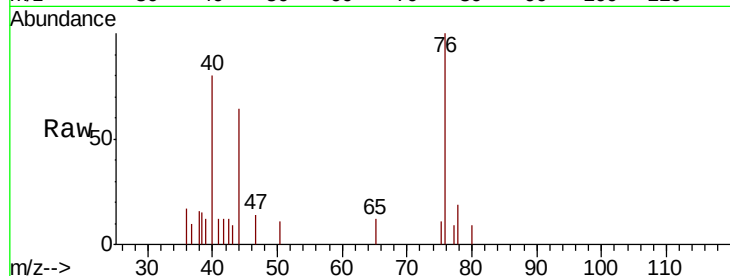
VX0416MBL01

Tgt Ion: 76 Resp: 975

Ion Ratio Lower Upper

76 100

78 19.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

600

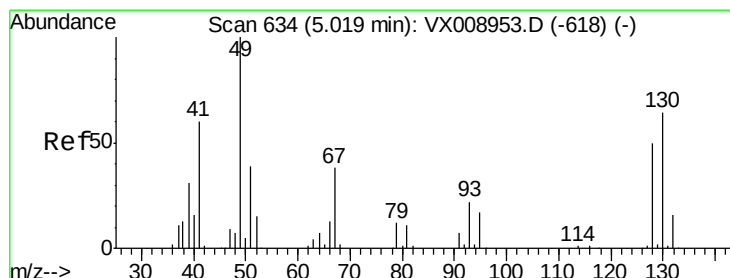
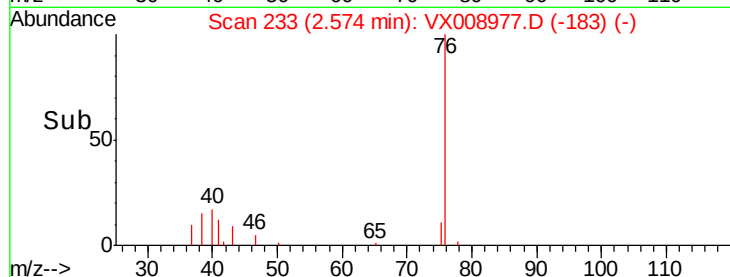
400

200

0

2.55 2.60

Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX008977.D

Acq: 16 Apr 2019 11:12

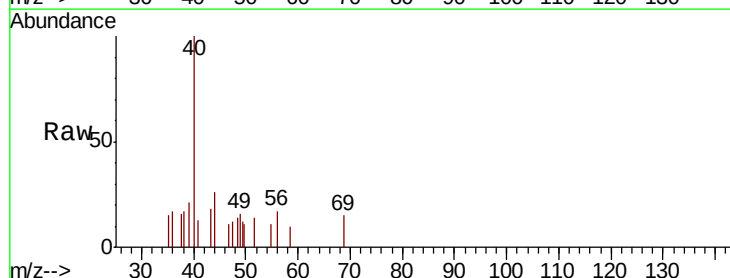
Tgt Ion: 49 Resp: 180

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 49.3 73.9#



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

150

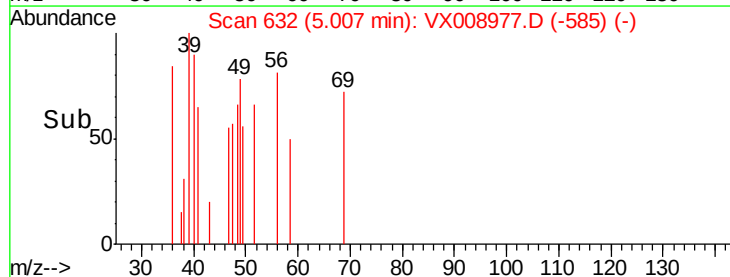
100

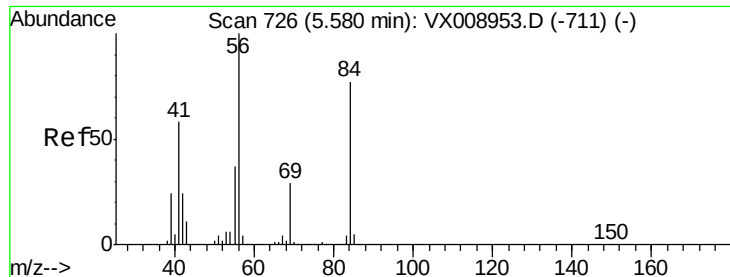
50

0

4.98 5.00 5.02 5.04

Time-->

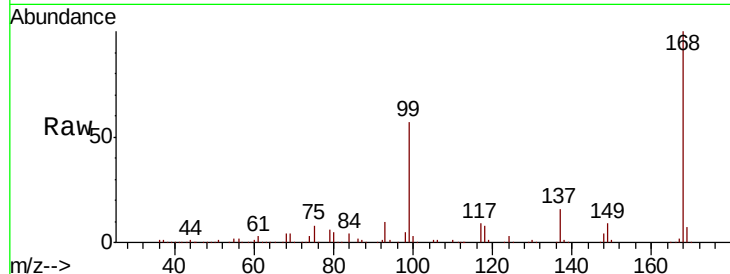




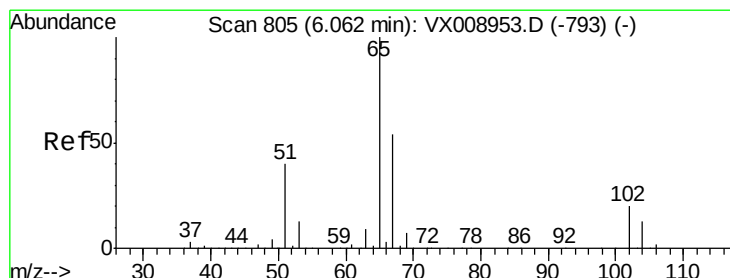
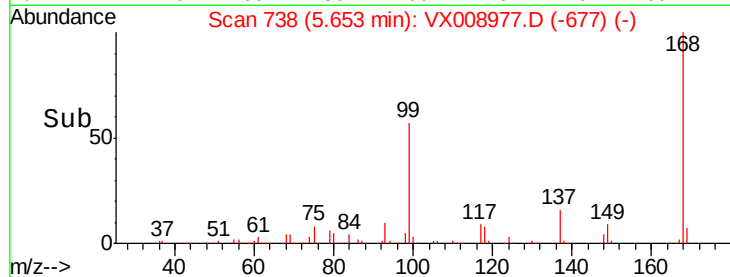
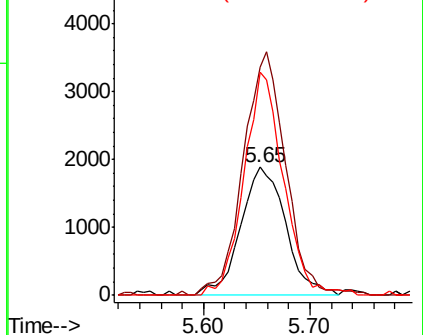
#31
Cyclohexane
Concen: 0.944 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX008977.D
Acq: 16 Apr 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0416MBL01

Tgt Ion: 56 Resp: 5608
Ion Ratio Lower Upper
56 100
69 178.3 22.6 33.8#
84 173.9 59.3 88.9#

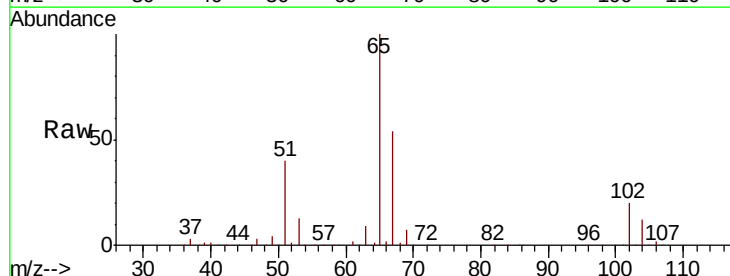


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

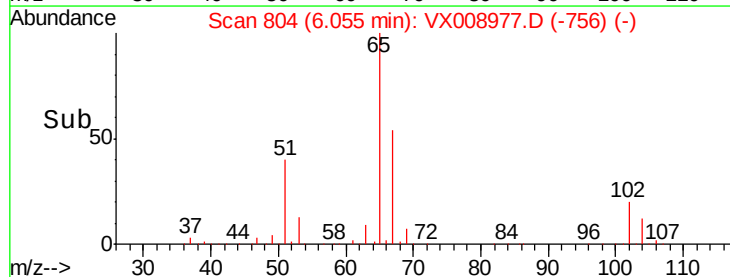
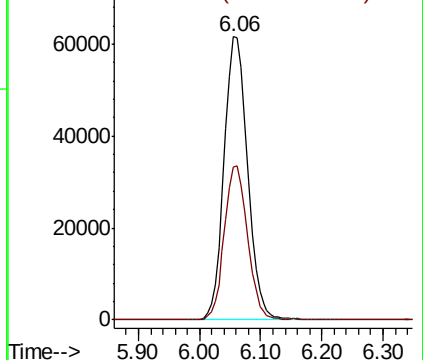


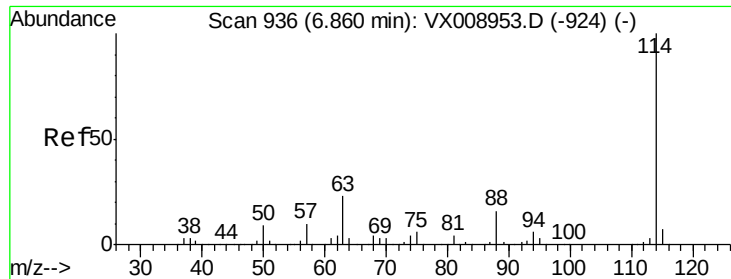
#33
1,2-Dichloroethane-d4
Concen: 44.855 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX008977.D
Acq: 16 Apr 2019 11:12

Tgt Ion: 65 Resp: 163450
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2



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

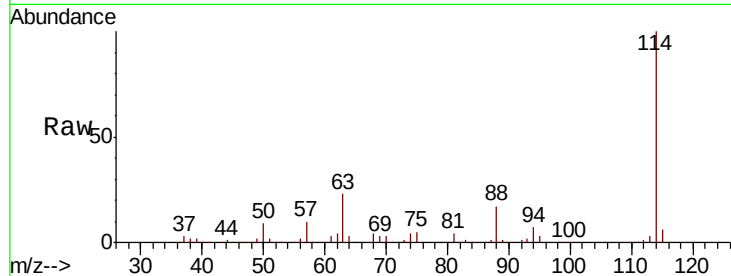




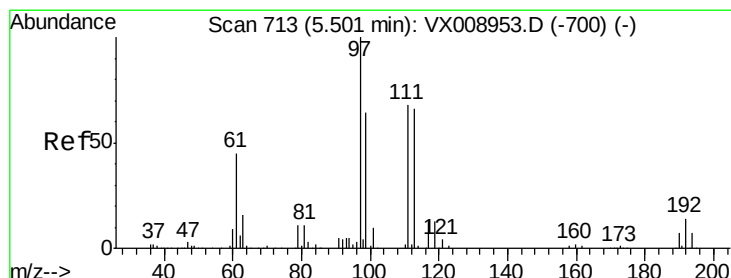
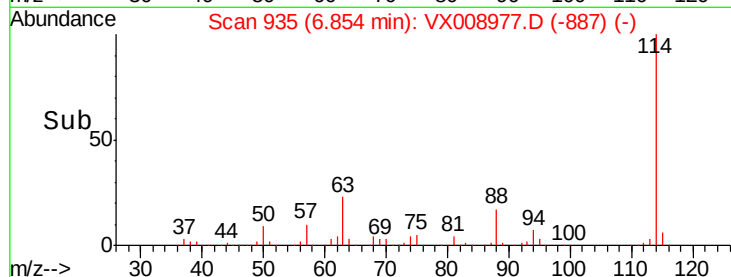
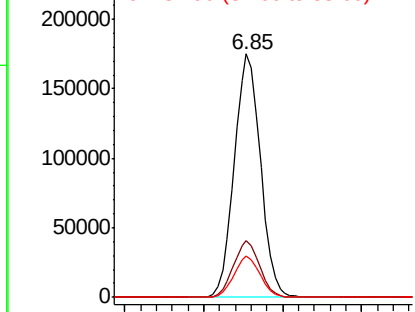
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX008977.D
Acq: 16 Apr 2019 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0416MBL01

Tgt Ion:114 Resp: 405923
Ion Ratio Lower Upper
114 100
63 23.3 0.0 47.2
88 16.9 0.0 34.0

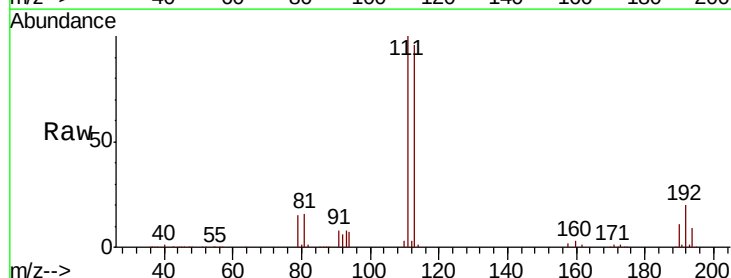


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

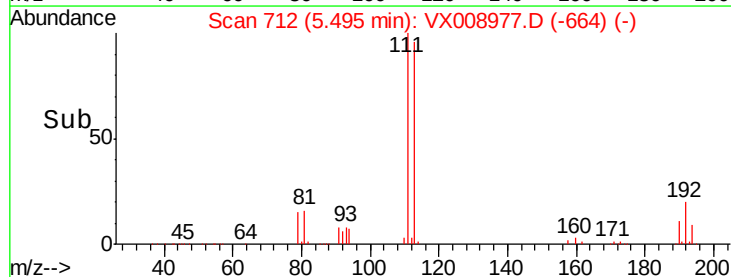
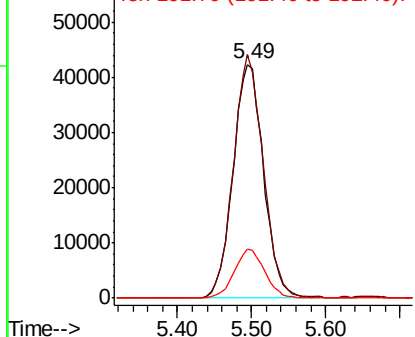


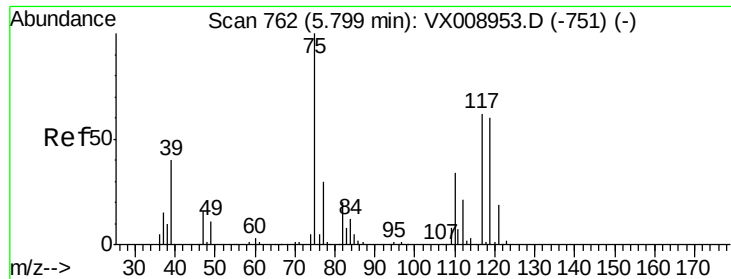
#35
Dibromofluoromethane
Concen: 46.738 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008977.D
Acq: 16 Apr 2019 11:12

Tgt Ion:113 Resp: 121759
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.2
192 20.9 16.1 24.1



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

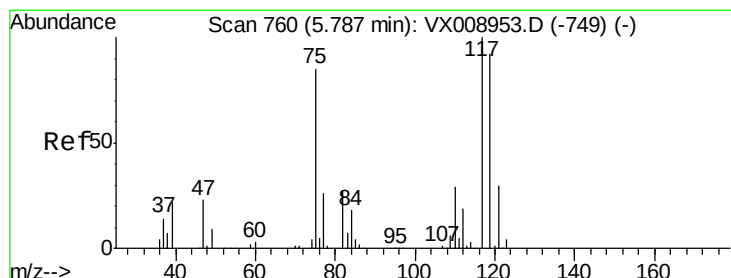
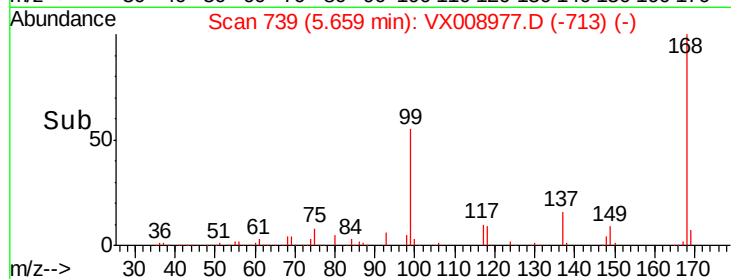
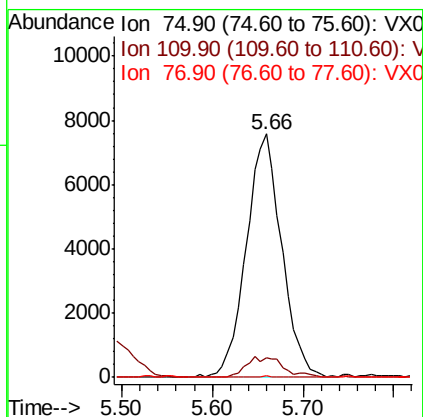
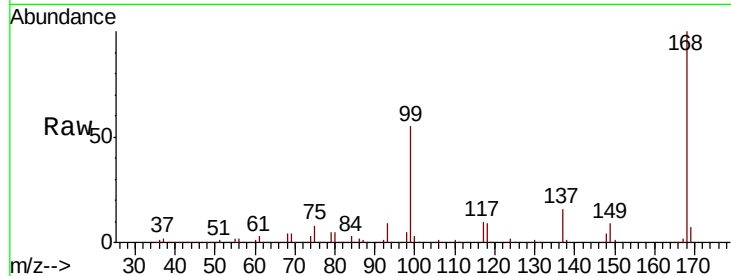




#36
 1,1-Dichloropropene
 Concen: 4.865 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008977.D
 Acq: 16 Apr 2019 11:12

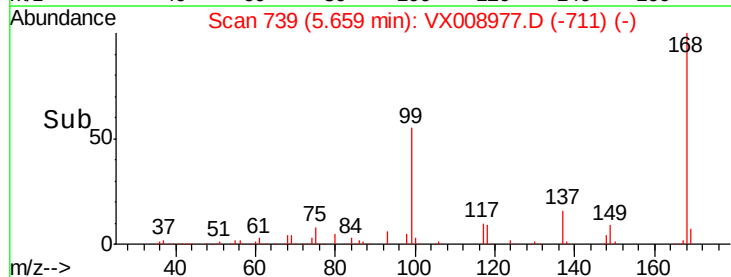
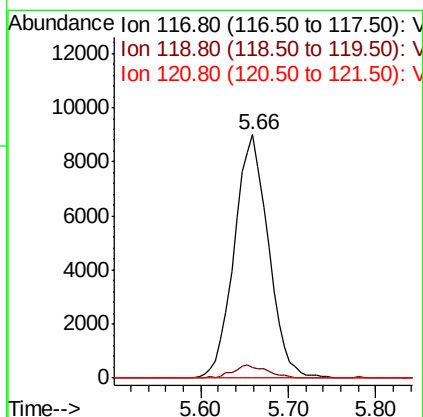
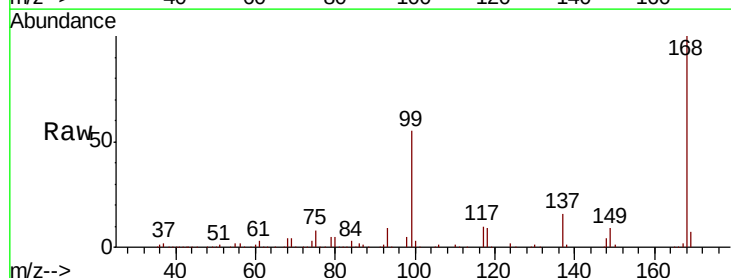
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416MBL01

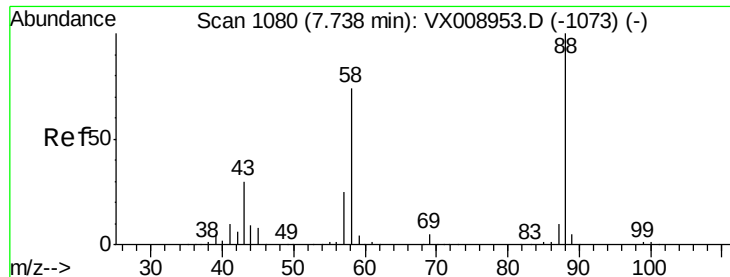
Tgt Ion: 75 Resp: 20423
 Ion Ratio Lower Upper
 75 100
 110 3.9 16.4 49.2#
 77 0.1 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.878 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX008977.D
 Acq: 16 Apr 2019 11:12

Tgt Ion: 117 Resp: 24480
 Ion Ratio Lower Upper
 117 100
 119 4.2 75.0 112.6#
 121 0.0 24.3 36.5#





#49

1,4-Dioxane

Concen: 0.273 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.04 min

Lab File: VX008977.D

Acq: 16 Apr 2019 11:12

Instrument :

MSVOA_X

ClientSampled :

VX0416MBL01

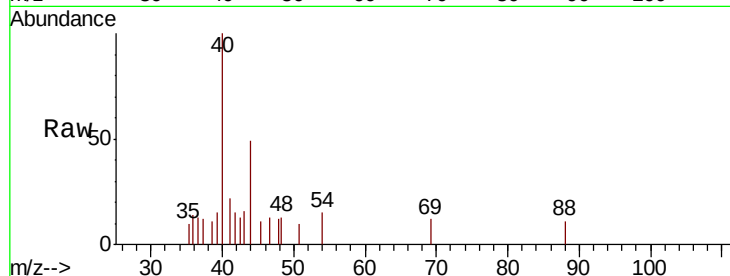
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 418.2 28.6 43.0#

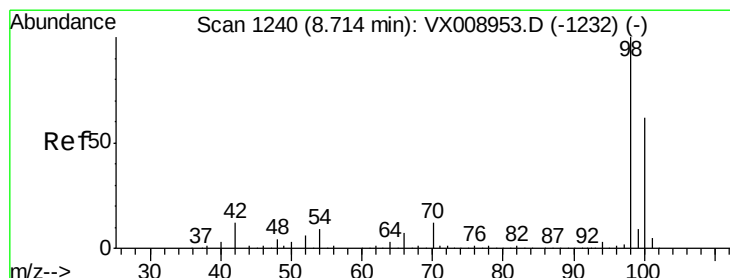
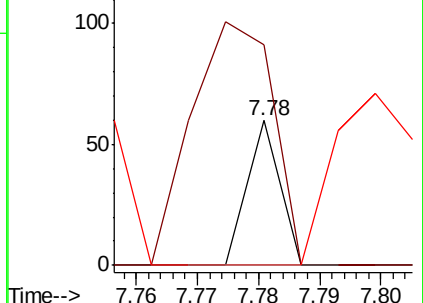
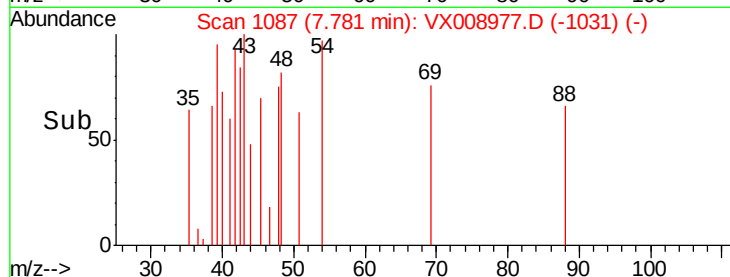
58 0.0 62.2 93.2#



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: 48.567 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008977.D

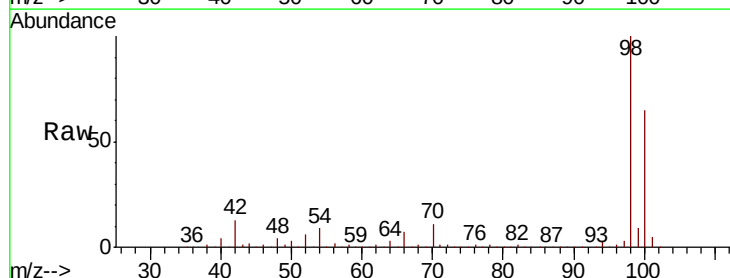
Acq: 16 Apr 2019 11:12

Tgt Ion: 98 Resp: 504577

Ion Ratio Lower Upper

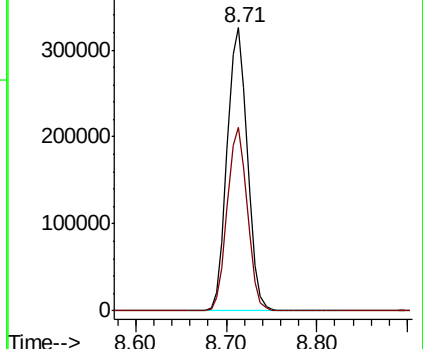
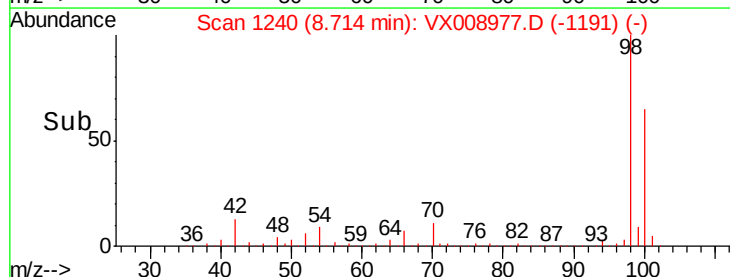
98 100

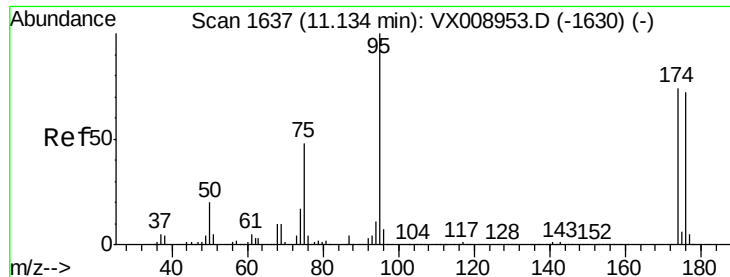
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.576 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008977.D

Acq: 16 Apr 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX0416MBL01

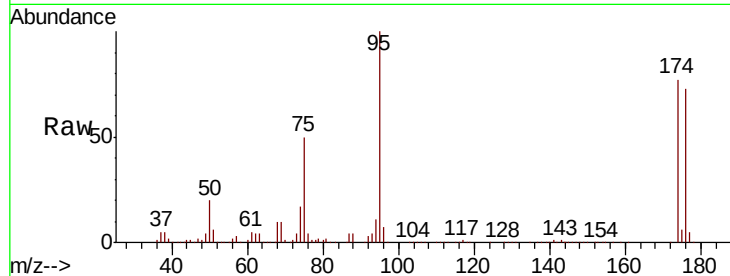
Tgt Ion: 95 Resp: 163481

Ion Ratio Lower Upper

95 100

174 80.4 0.0 151.8

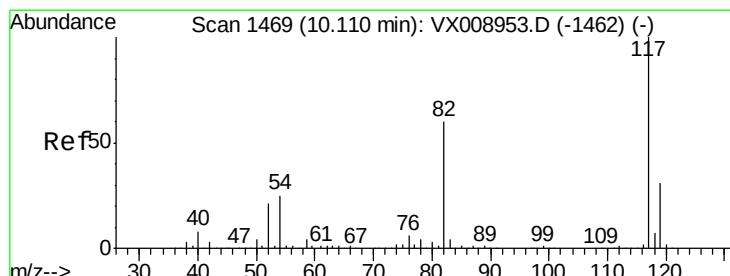
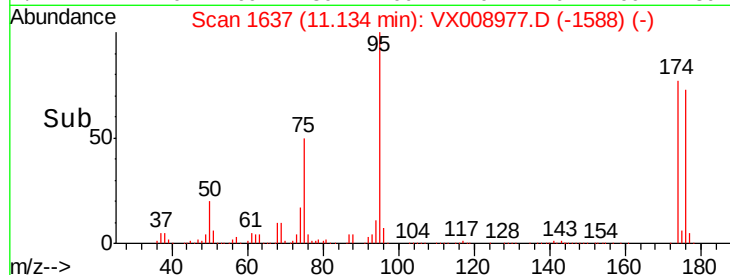
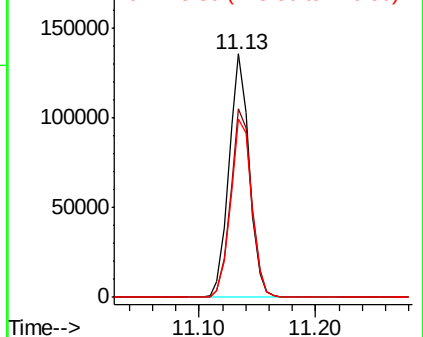
176 76.6 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008977.D

Acq: 16 Apr 2019 11:12

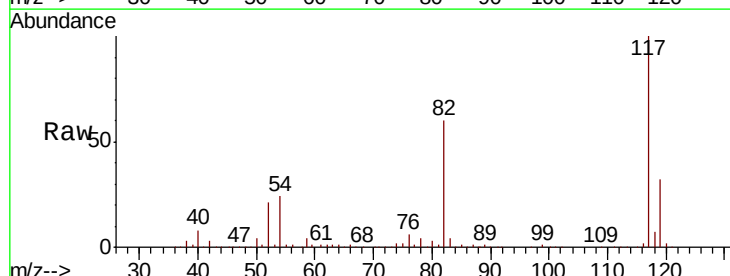
Tgt Ion: 117 Resp: 347533

Ion Ratio Lower Upper

117 100

82 59.6 49.6 74.4

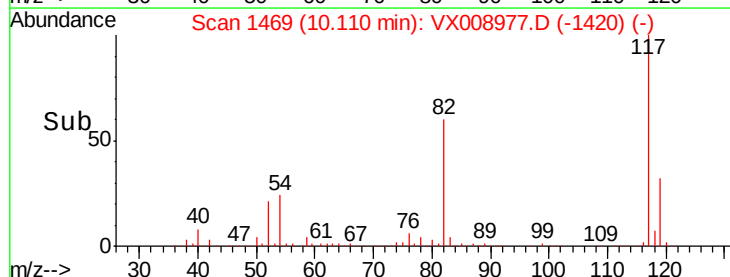
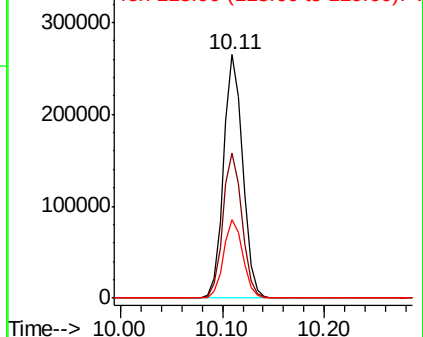
119 32.4 25.0 37.4

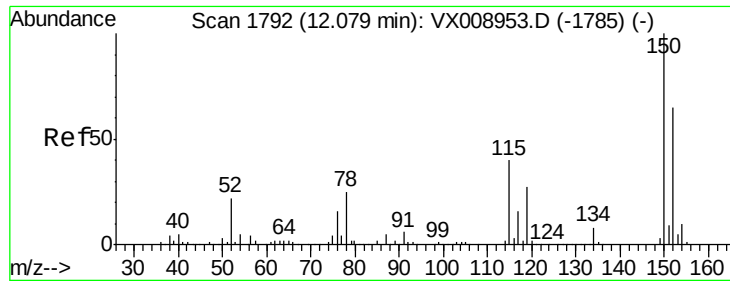


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX008977.D

Acq: 16 Apr 2019 11:12

Instrument :

MSVOA_X

ClientSampled :

VX0416MBL01

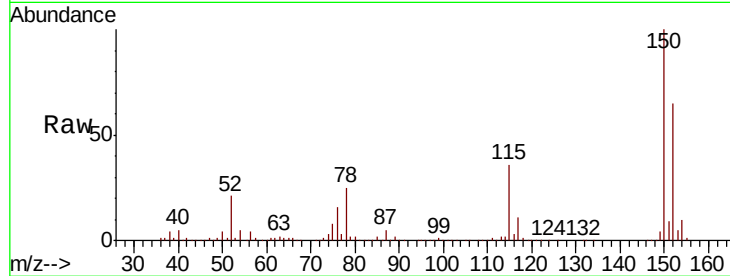
Tgt Ion: 152 Resp: 144192

Ion Ratio Lower Upper

152 100

115 59.1 43.5 130.5

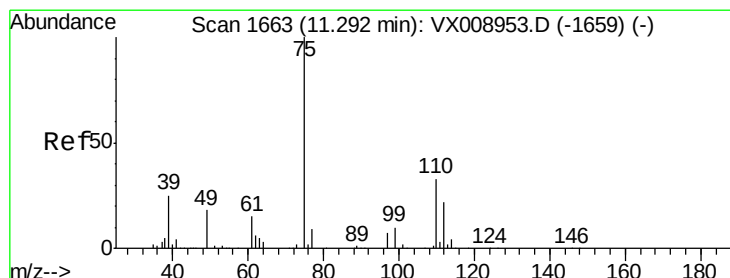
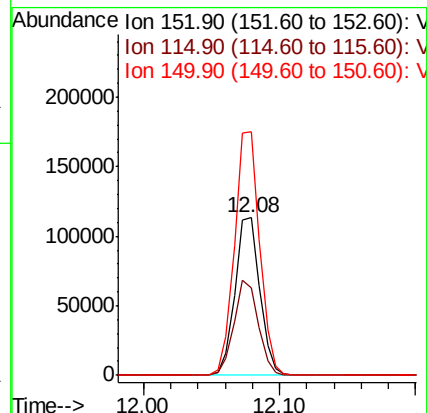
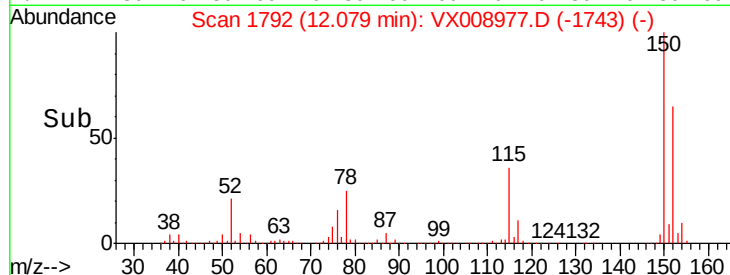
150 156.0 0.0 348.8



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: 18.120 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008977.D

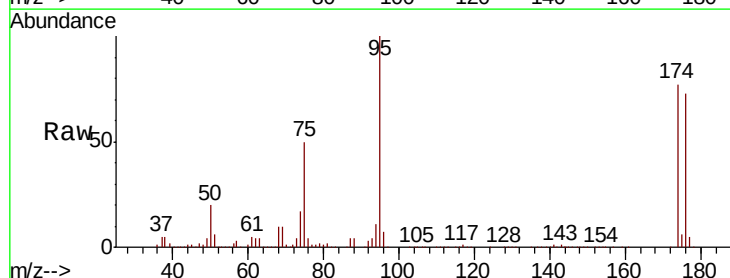
Acq: 16 Apr 2019 11:12

Tgt Ion: 75 Resp: 83168

Ion Ratio Lower Upper

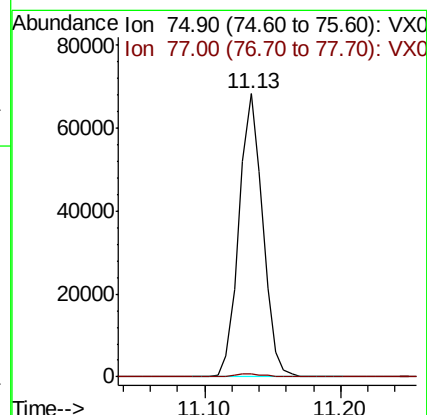
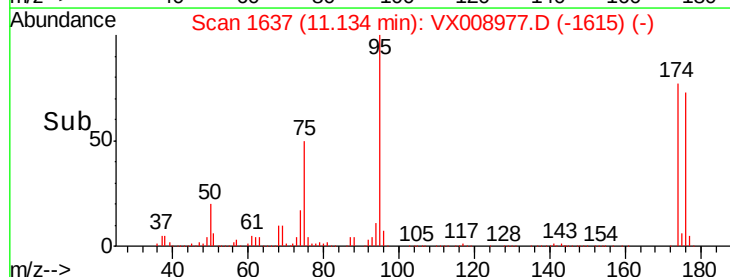
75 100

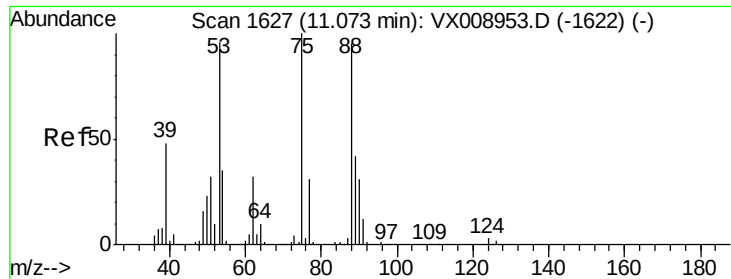
77 1.3 22.3 66.8#



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: 60.643 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008977.D

Acq: 16 Apr 2019 11:12

Instrument :

MSVOA_X

ClientSampleId :

VX0416MBL01

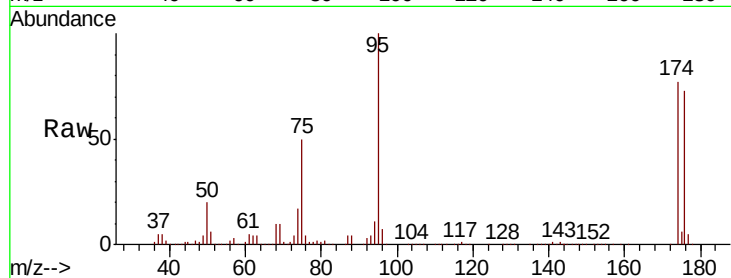
Tgt Ion: 75 Resp: 83168

Ion Ratio Lower Upper

75 100

53 0.1 81.3 121.9#

89 0.0 35.6 53.4#



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

