

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001764.D
 Acq On : 16 May 2018 14:57
 Operator : JC/MD
 Sample : VX0516WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL02

Quant Time: May 17 02:54:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165422	50.00	ug/l	0.00

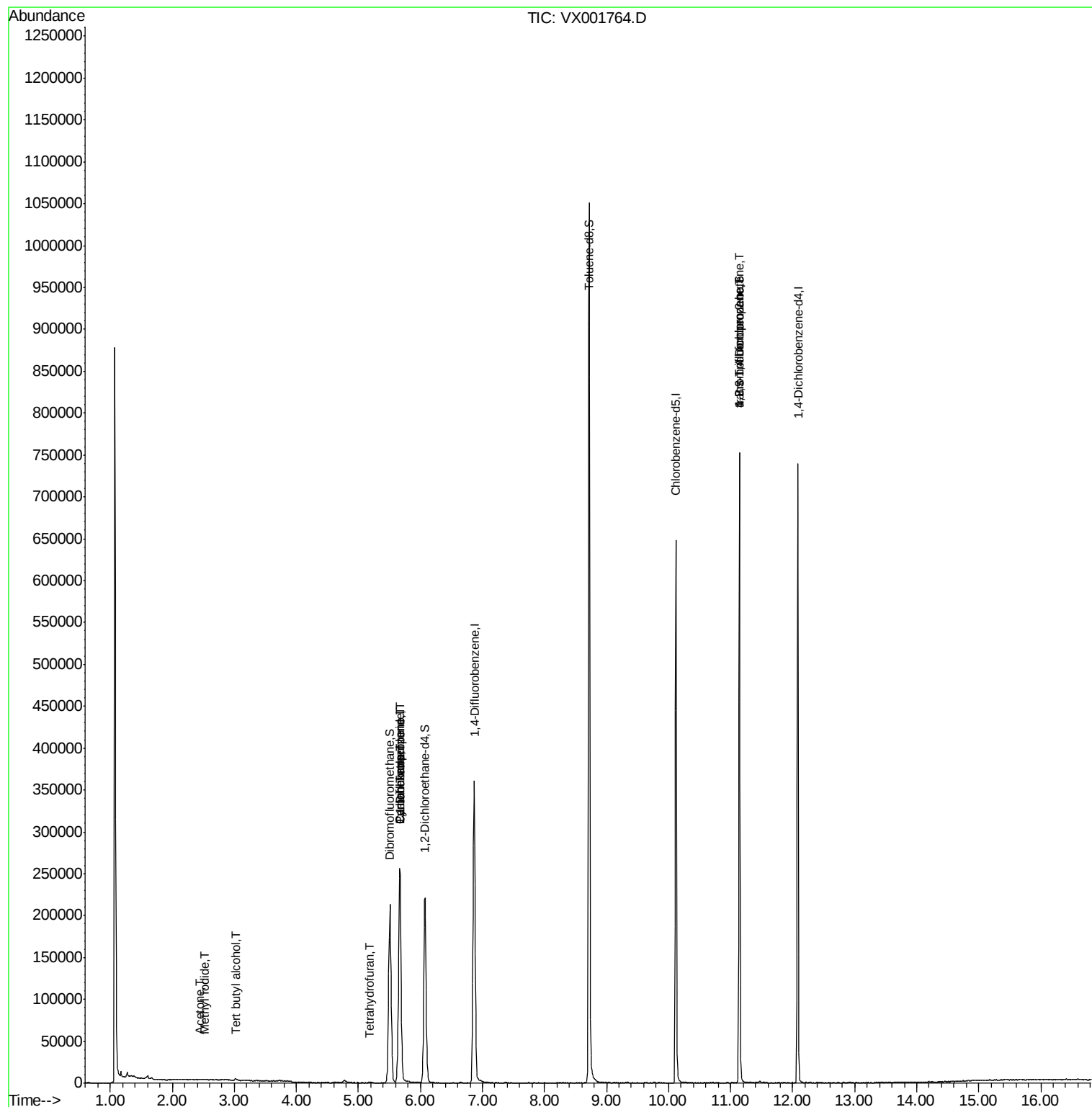
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210824	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	
35) Dibromofluoromethane	5.51	113	175669	54.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.86%	
50) Toluene-d8	8.72	98	626762	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
62) 4-Bromofluorobenzene	11.14	95	184230	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.61	94	262	Below Cal	#	1
10) Methyl Iodide	2.52	142	985	0.38	ug/l	94
11) Tert butyl alcohol	3.02	59	1200	1.82	ug/l	# 85
16) Acetone	2.45	43	725	0.50	ug/l	# 83
29) Tetrahydrofuran	5.17	42	654	0.45	ug/l	# 61
31) Cyclohexane	5.66	56	4300	0.92	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	16892	3.87	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	23179	5.07	ug/l	# 15
76) 1,2,3-Trichloropropane	11.14	75	87700	27.88	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	87700	80.90	ug/l	# 10

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

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL02

Quant Time: May 17 02:54:56 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001764.D

Acq: 16 May 2018 14:57

Instrument :

MSVOA_X

ClientSampled :

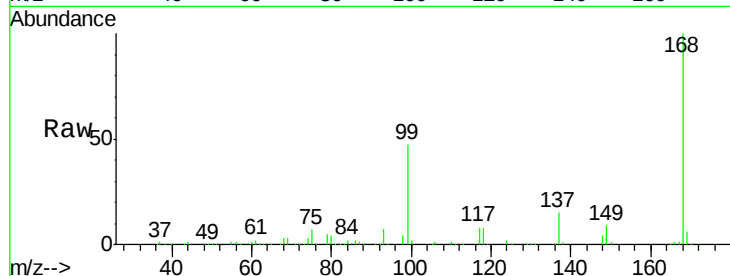
VX0516WBL02

Tgt Ion:168 Resp: 276692

Ion Ratio Lower Upper

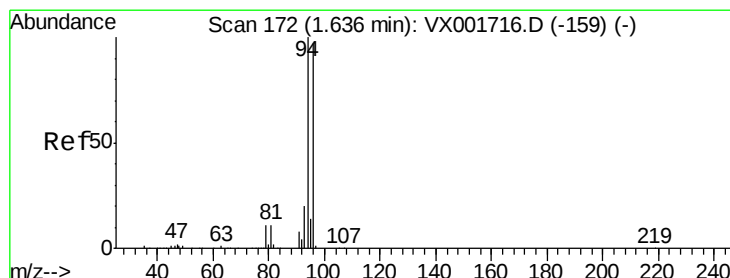
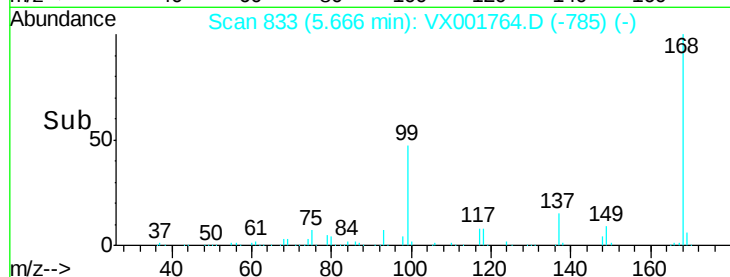
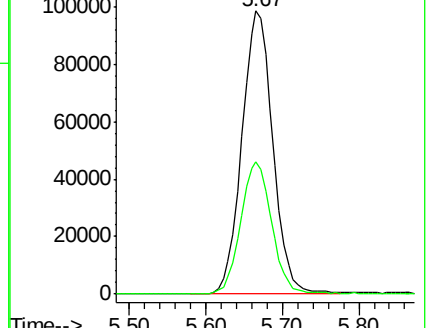
168 100

99 46.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VX001764.D

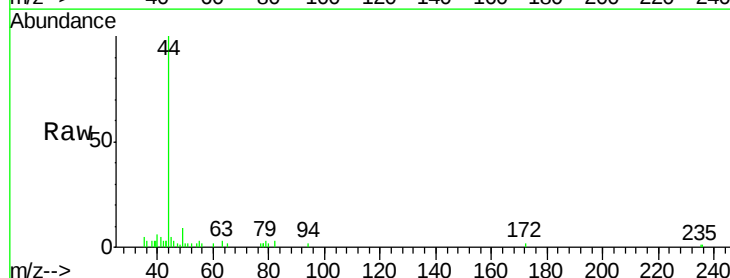
Acq: 16 May 2018 14:57

Tgt Ion: 94 Resp: 262

Ion Ratio Lower Upper

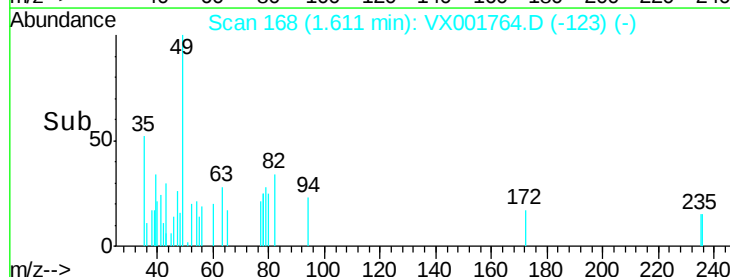
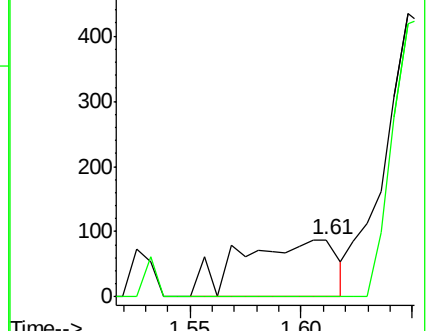
94 100

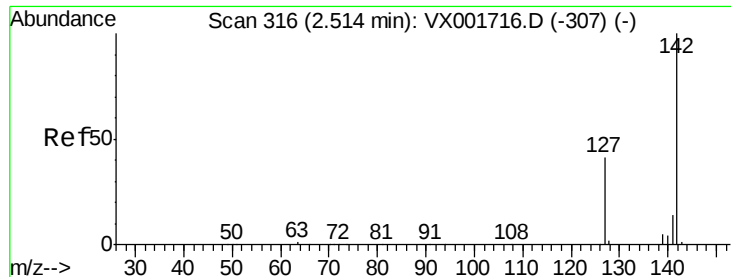
96 0.0 77.4 116.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

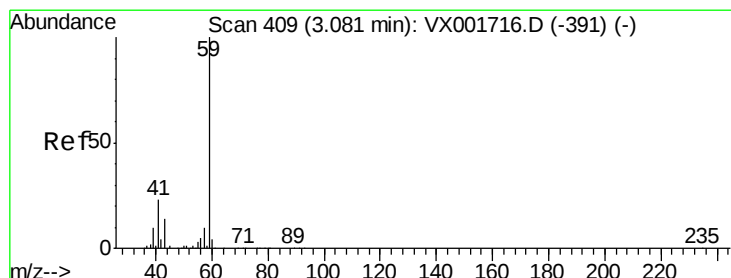
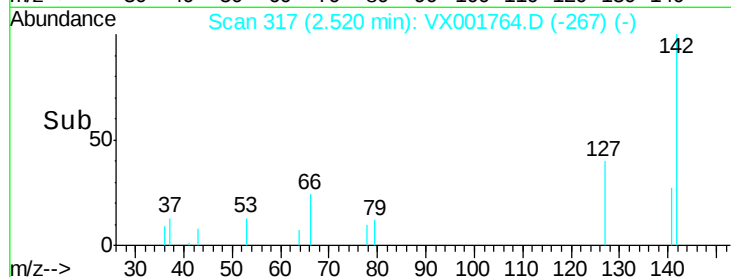
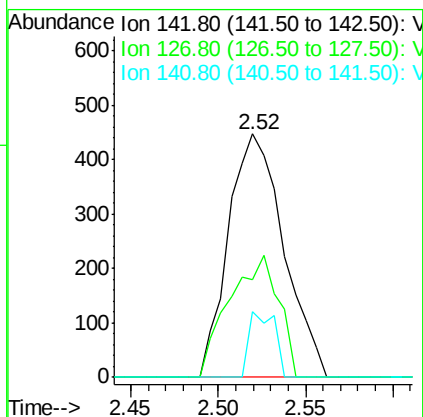
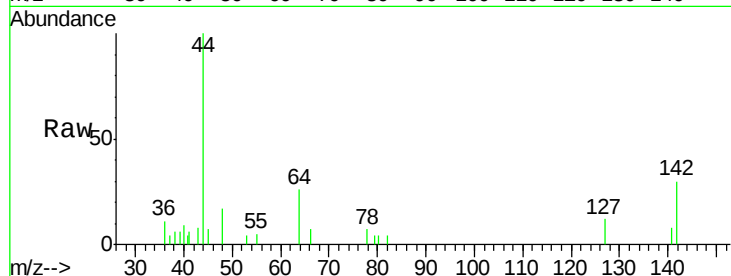




#10
Methyl Iodide
Concen: 0.38 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001764.D
Acq: 16 May 2018 14:57

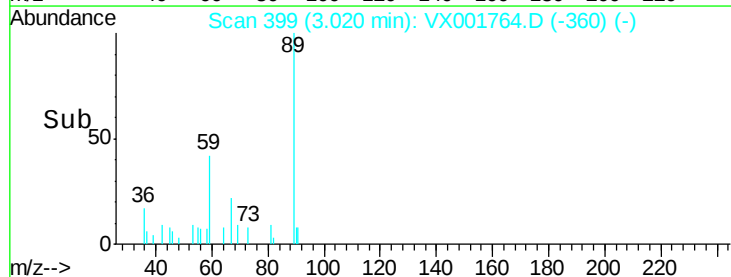
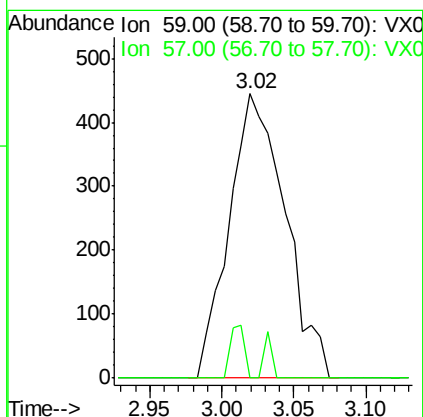
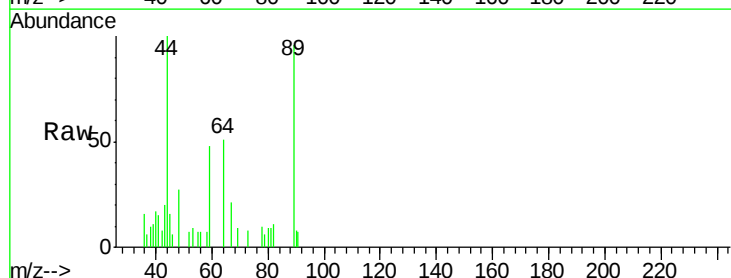
Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL02

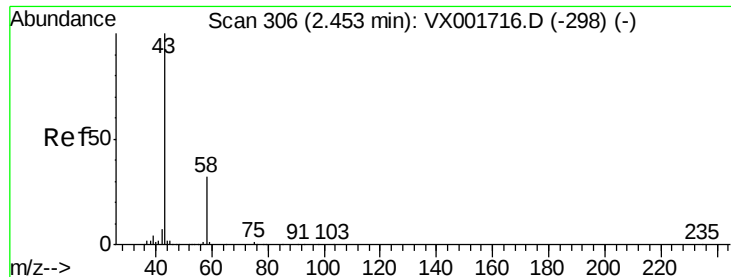
Tgt Ion: 142 Resp: 985
Ion Ratio Lower Upper
142 100
127 45.0 32.5 48.7
141 12.4 11.4 17.0



#11
Tert butyl alcohol
Concen: 1.82 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX001764.D
Acq: 16 May 2018 14:57

Tgt Ion: 59 Resp: 1200
Ion Ratio Lower Upper
59 100
57 4.8 8.5 12.7#





#16

Acetone

Concen: 0.50 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001764.D

Acq: 16 May 2018 14:57

Instrument :

MSVOA_X

ClientSampleId :

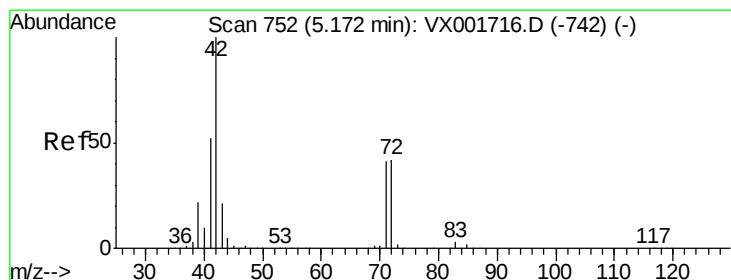
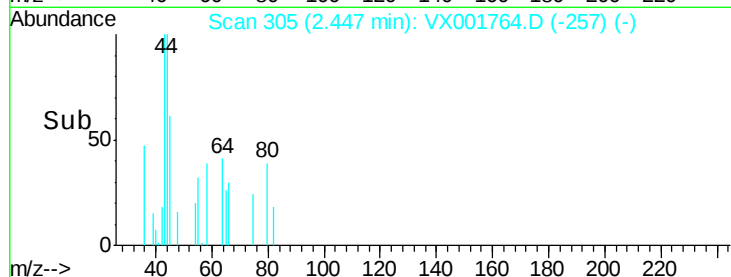
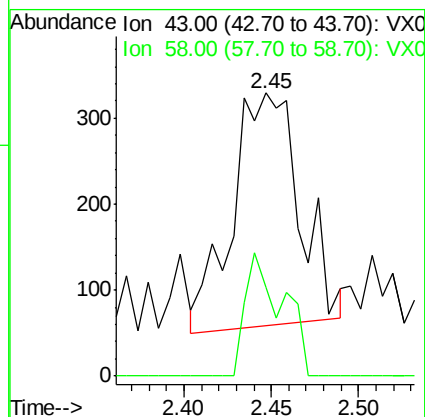
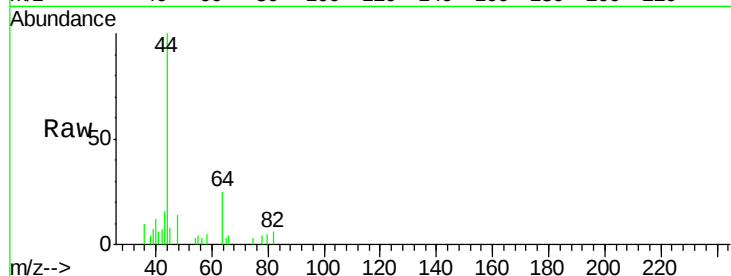
VX0516WBL02

Tgt Ion: 43 Resp: 725

Ion Ratio Lower Upper

43 100

58 40.9 25.3 37.9#



#29

Tetrahydrofuran

Concen: 0.45 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX001764.D

Acq: 16 May 2018 14:57

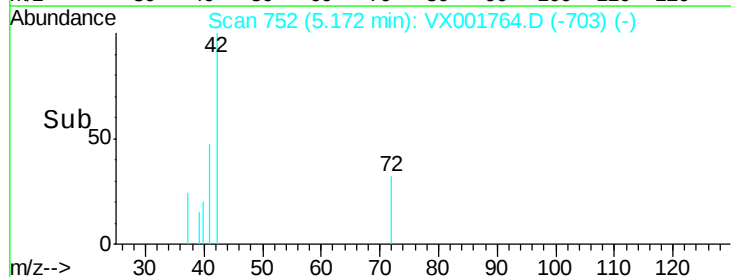
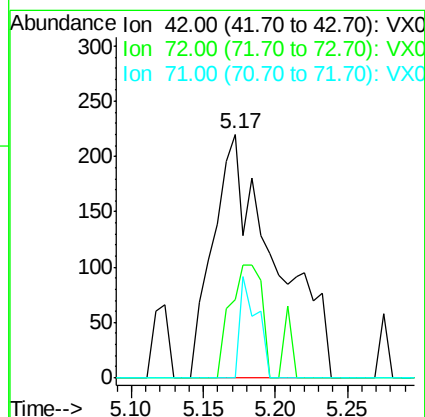
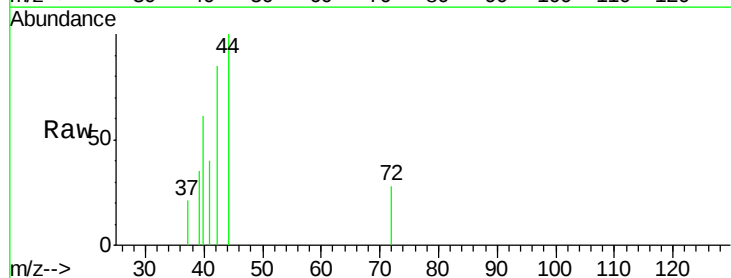
Tgt Ion: 42 Resp: 654

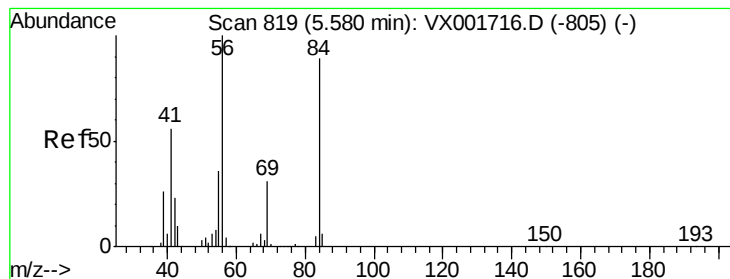
Ion Ratio Lower Upper

42 100

72 23.7 35.4 53.2#

71 11.6 33.2 49.8#





#31

Cyclohexane

Concen: 0.92 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001764.D

Acq: 16 May 2018 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBL02

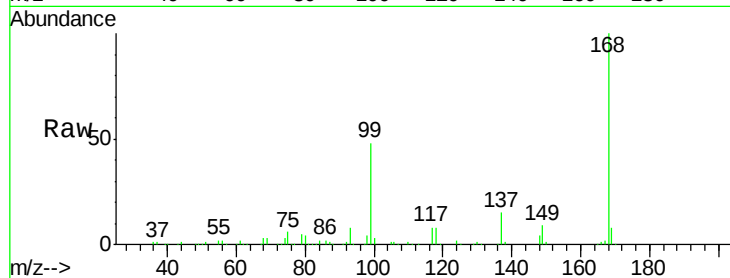
Tgt Ion: 56 Resp: 4300

Ion Ratio Lower Upper

56 100

69 181.2 25.0 37.6#

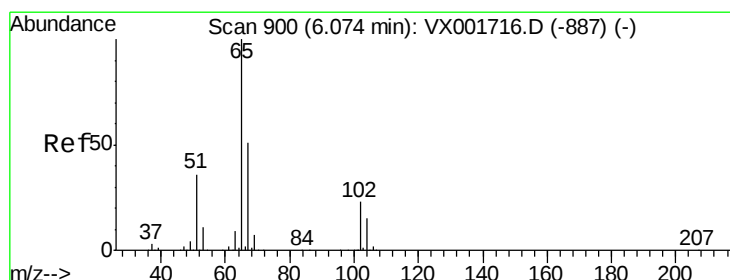
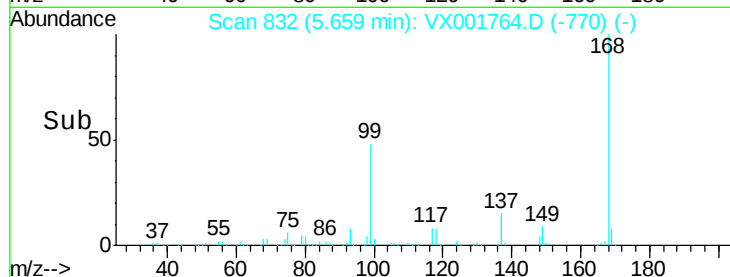
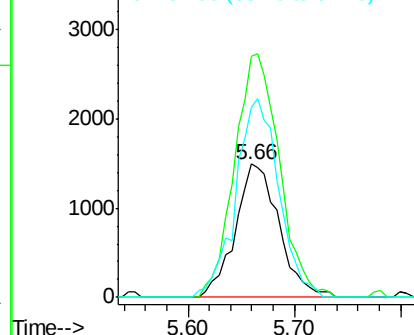
84 142.5 71.0 106.4#



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: 56.85 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001764.D

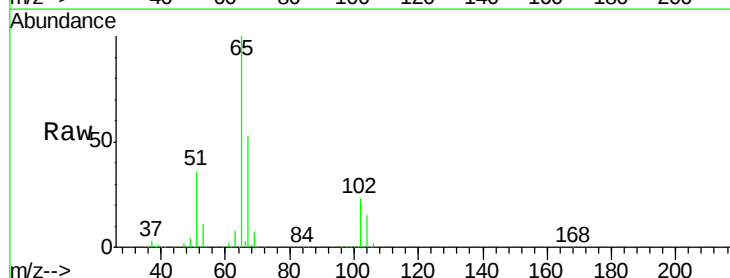
Acq: 16 May 2018 14:57

Tgt Ion: 65 Resp: 210824

Ion Ratio Lower Upper

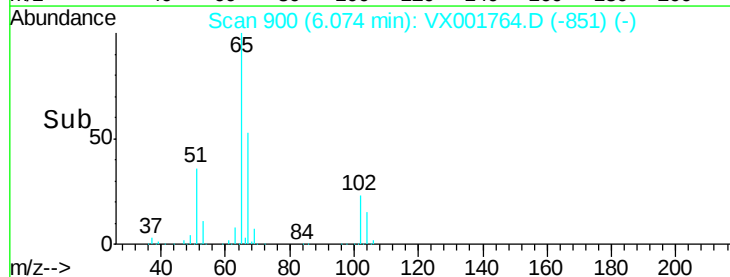
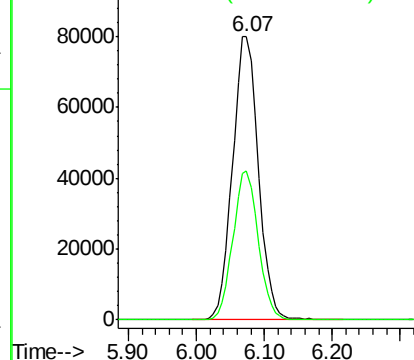
65 100

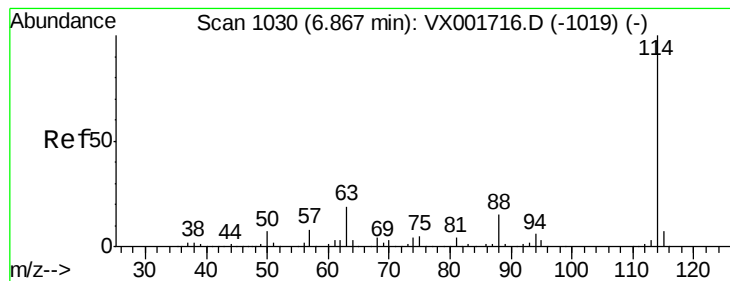
67 51.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001764.D

Acq: 16 May 2018 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBL02

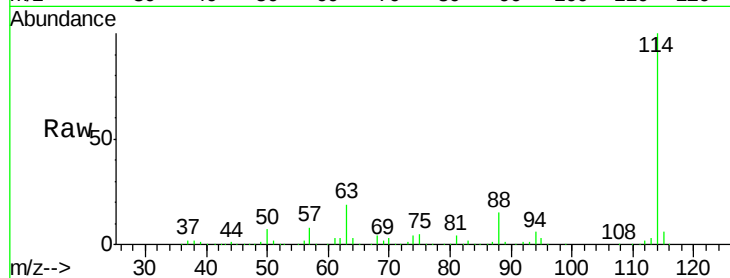
Tgt Ion:114 Resp: 378981

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

88 15.0 0.0 29.8



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

200000

150000

100000

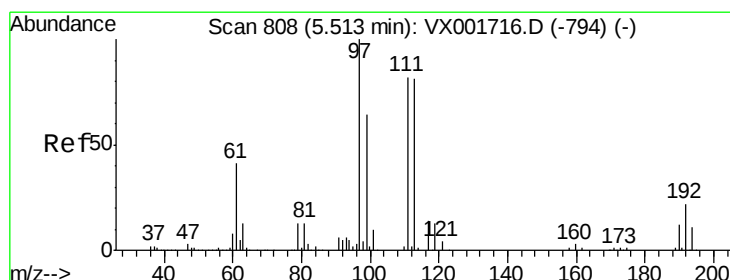
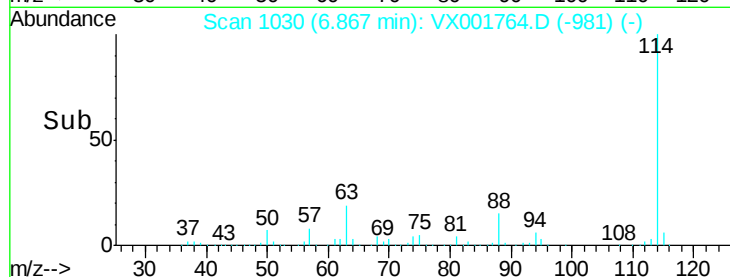
50000

0

6.87

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 54.93 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001764.D

Acq: 16 May 2018 14:57

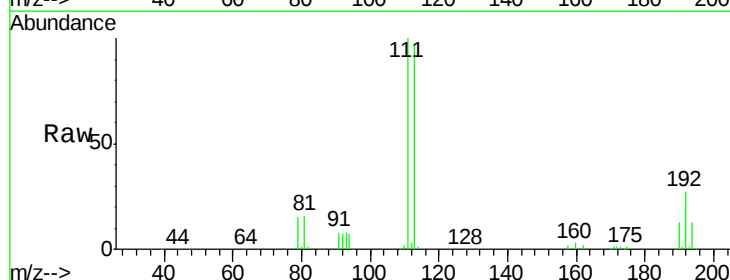
Tgt Ion:113 Resp: 175669

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 26.9 21.6 32.4



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

80000

60000

40000

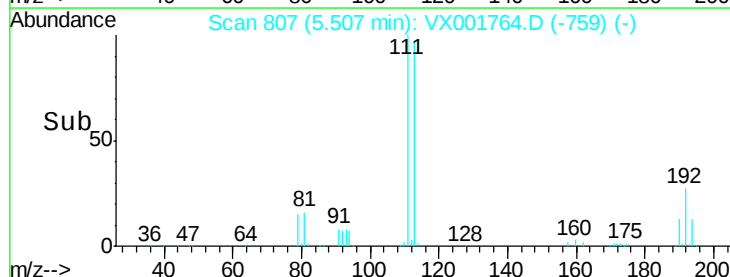
20000

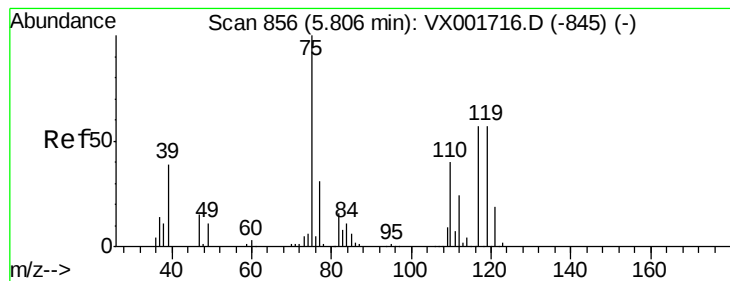
0

5.51

5.40 5.50 5.60

Time-->





#36

1,1-Dichloropropene

Concen: 3.87 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001764.D

Acq: 16 May 2018 14:57

Instrument :

MSVOA_X

ClientSampleId :

VX0516WBL02

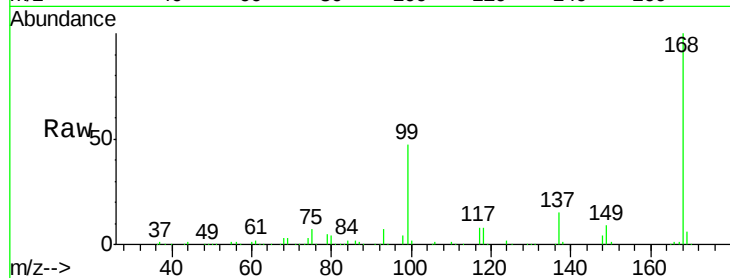
Tgt Ion: 75 Resp: 16892

Ion Ratio Lower Upper

75 100

110 11.0 19.1 57.1#

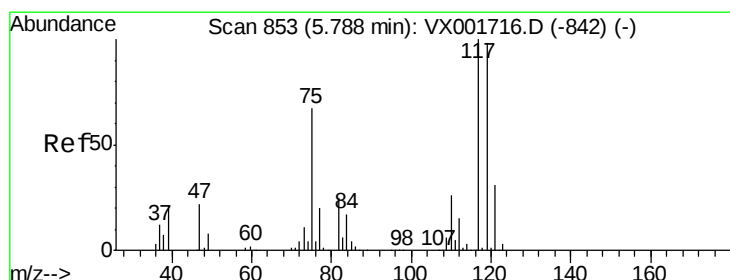
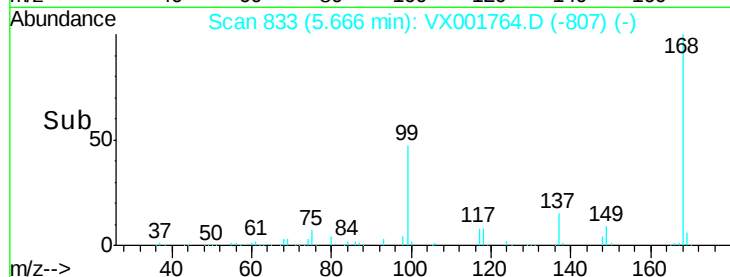
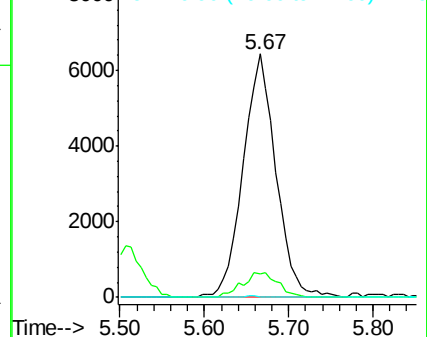
77 0.2 24.6 37.0#



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: 5.07 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001764.D

Acq: 16 May 2018 14:57

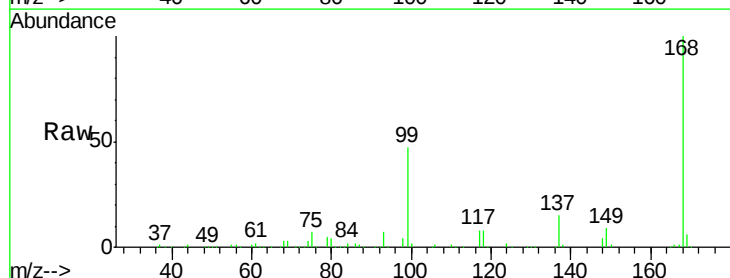
Tgt Ion: 117 Resp: 23179

Ion Ratio Lower Upper

117 100

119 4.6 77.6 116.4#

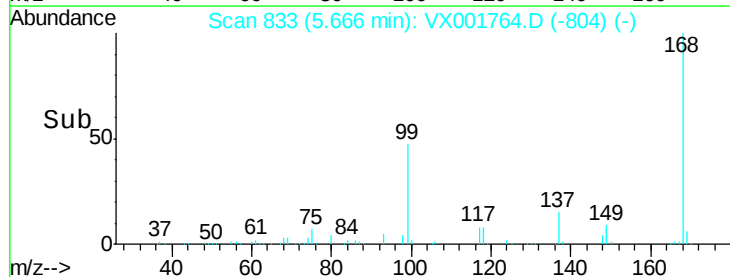
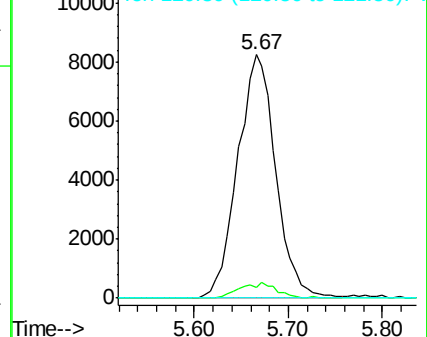
121 0.0 24.6 36.8#

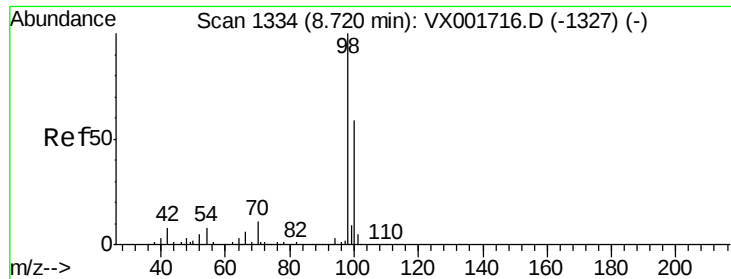


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 54.72 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001764.D

Acq: 16 May 2018 14:57

Instrument :

MSVOA_X

ClientSampleId :

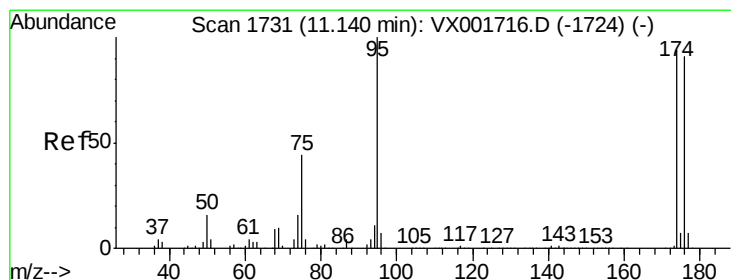
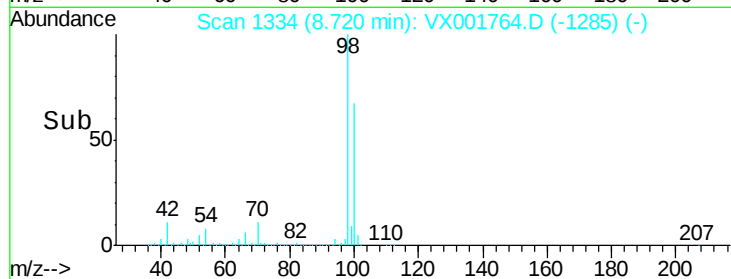
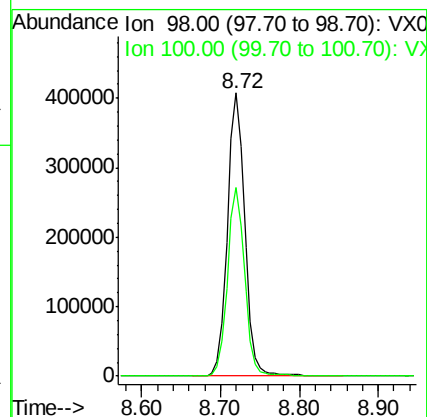
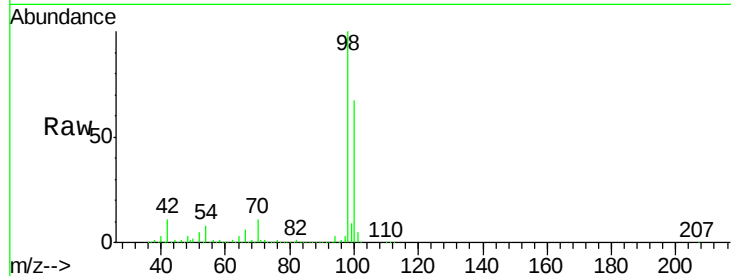
VX0516WBL02

Tgt Ion: 98 Resp: 626762

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 44.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001764.D

Acq: 16 May 2018 14:57

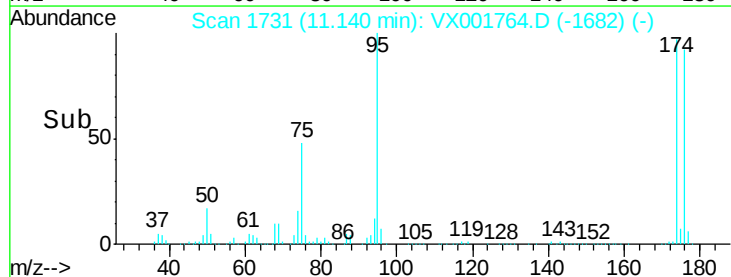
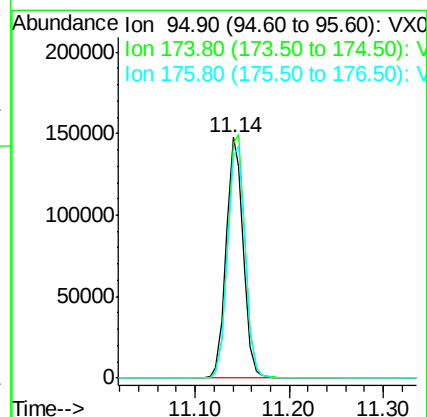
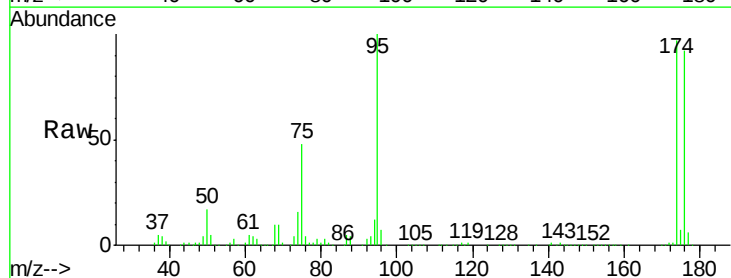
Tgt Ion: 95 Resp: 184230

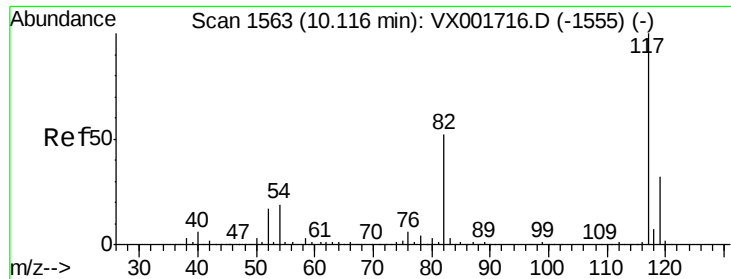
Ion Ratio Lower Upper

95 100

174 104.2 0.0 201.8

176 99.7 0.0 196.8

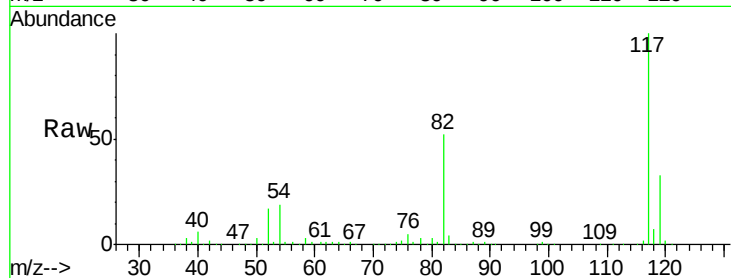




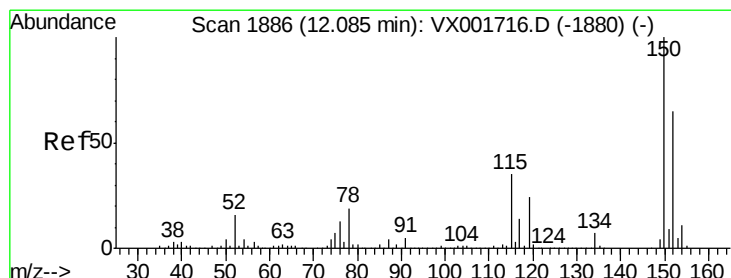
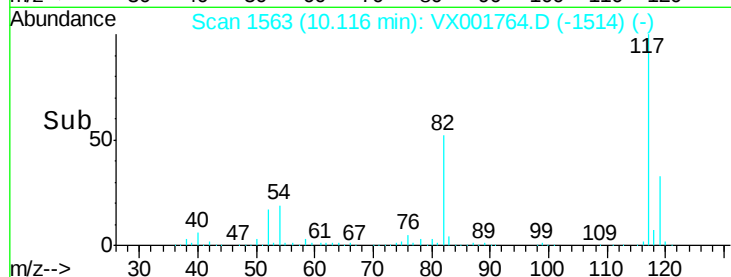
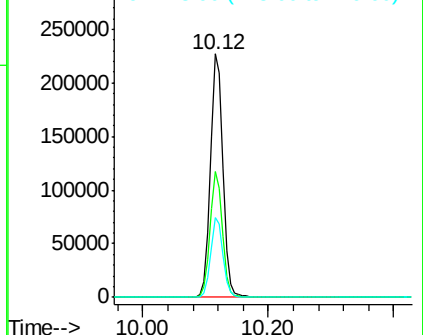
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001764.D
Acq: 16 May 2018 14:57

Instrument :
MSVOA_X
ClientSampleId :
VX0516WBL02

Tgt Ion:117 Resp: 312414
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 32.8 25.6 38.4

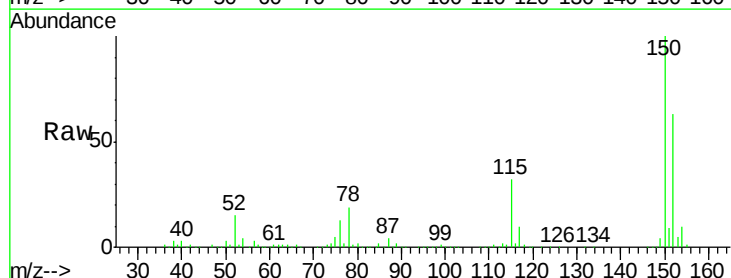


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

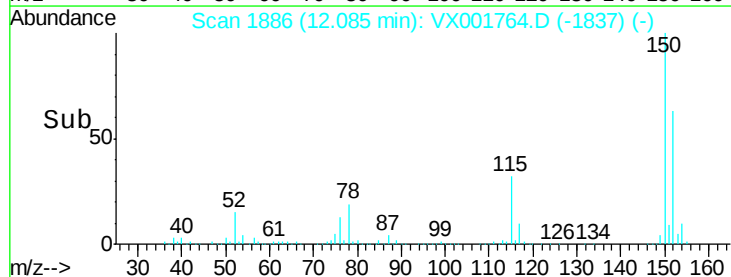
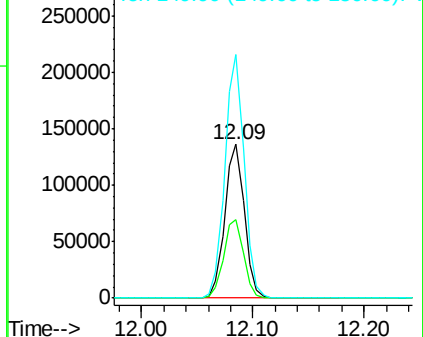


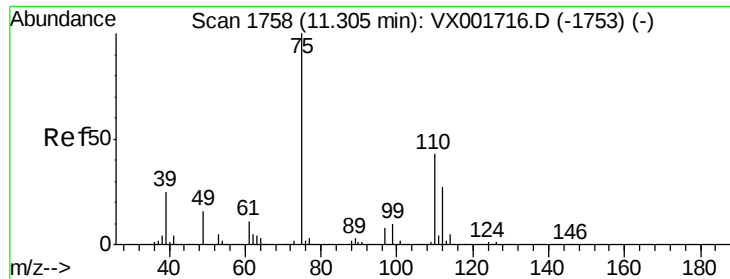
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001764.D
Acq: 16 May 2018 14:57

Tgt Ion:152 Resp: 165422
Ion Ratio Lower Upper
152 100
115 52.0 37.4 112.2
150 156.8 0.0 344.8



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

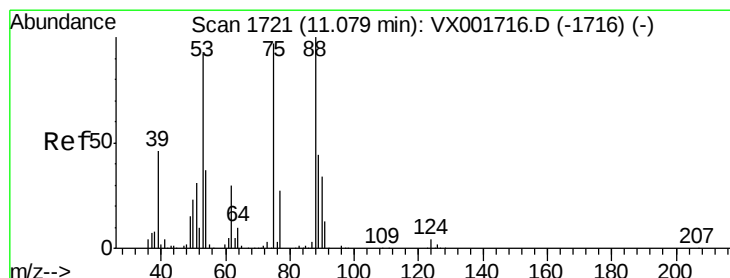
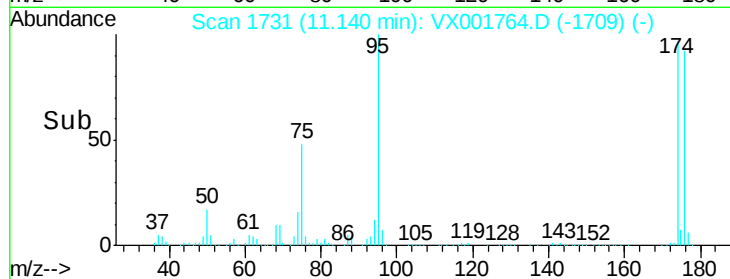
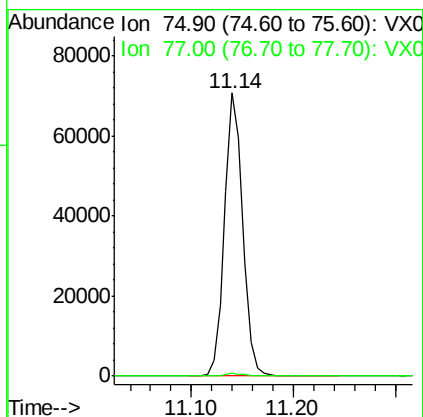
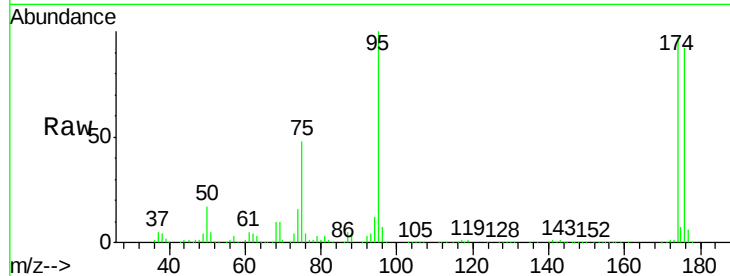




#76
 1,2,3-Trichloropropane
 Concen: 27.88 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001764.D
 Acq: 16 May 2018 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516WBL02

Tgt Ion: 75 Resp: 87700
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.90 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001764.D
 Acq: 16 May 2018 14:57

Tgt Ion: 75 Resp: 87700
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.4 119.2#
 89 0.0 38.8 58.2#

