

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000915.D
 Acq On : 16 Apr 2018 13:42
 Operator : JC/MD
 Sample : VX0416MBL01
 Misc : 5.00µ/5.0mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 15:11:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	371198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	220901	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	163731	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
35) Dibromofluoromethane	5.51	113	132767	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	
50) Toluene-d8	8.72	98	515862	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.14	95	198567	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	

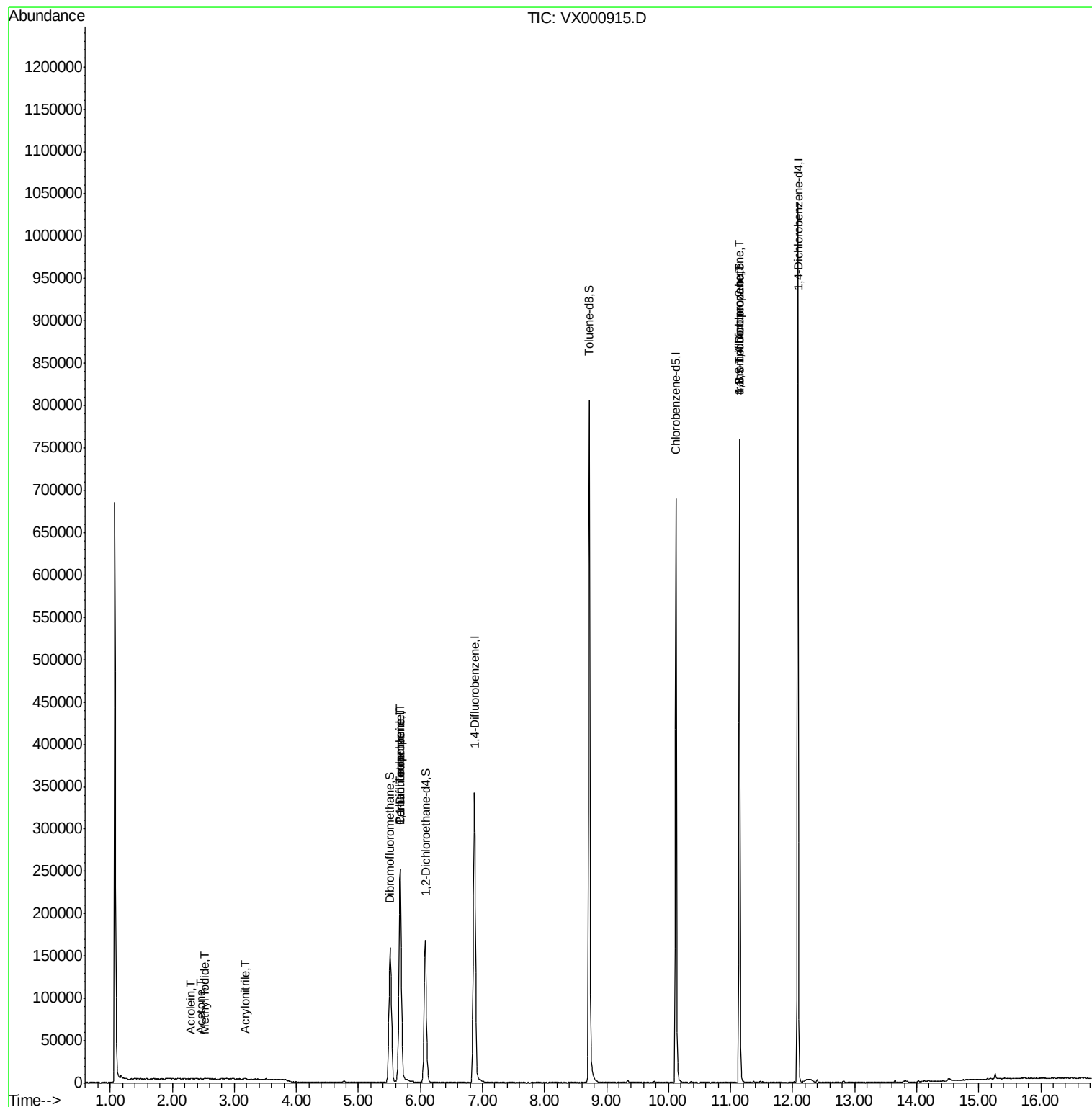
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	217	Below Cal		97
10) Methyl Iodide	2.52	142	117	8.28 ug/l	#	42
13) Acrolein	2.29	56	177	0.59 ug/l		85
15) Acrylonitrile	3.16	53	432	0.33 ug/l	#	70
16) Acetone	2.45	43	481	0.40 ug/l	#	44
36) 1,1-Dichloropropene	5.67	75	16293	3.99 ug/l	#	48
38) Carbon Tetrachloride	5.67	117	23103	5.05 ug/l	#	15
76) 1,2,3-Trichloropropane	11.14	75	97229	25.52 ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	97229	70.20 ug/l	#	11

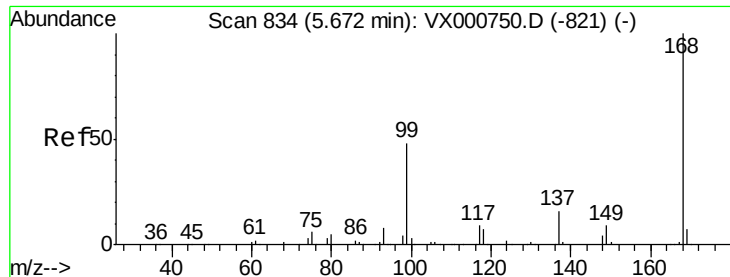
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
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Misc : 5.00µ/5.0mL/100µL/5mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 16 15:11:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000915.D

Acq: 16 Apr 2018 13:42

Instrument :

MSVOA_X

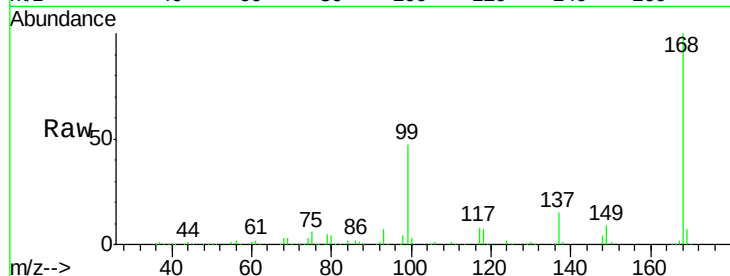
ClientSampleId :

Tot Ion:168 Resp: 277706

Ion Ratio Lower Upper

168 100

99 47.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

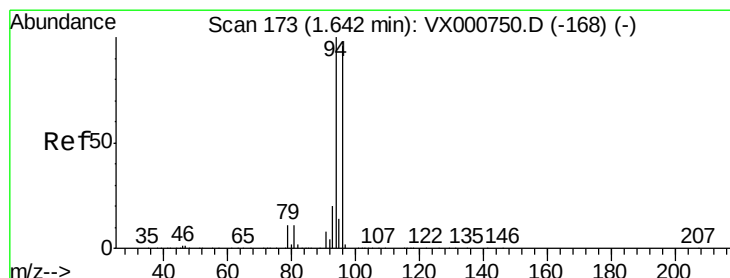
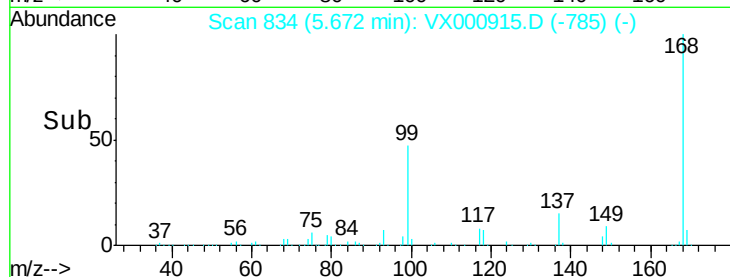
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000915.D

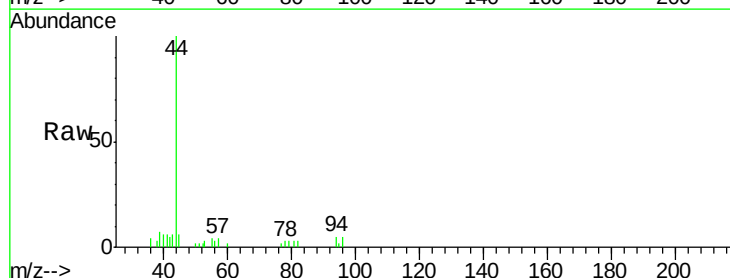
Acq: 16 Apr 2018 13:42

Tgt Ion: 94 Resp: 217

Ion Ratio Lower Upper

94 100

96 93.8 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

150

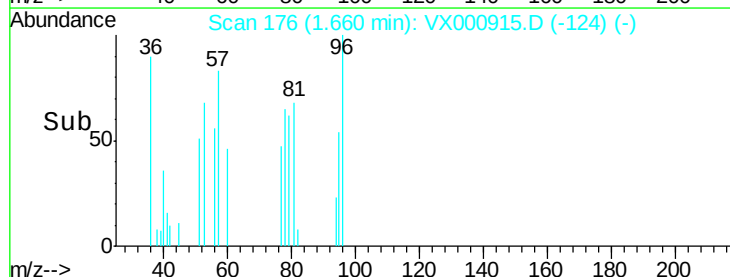
100

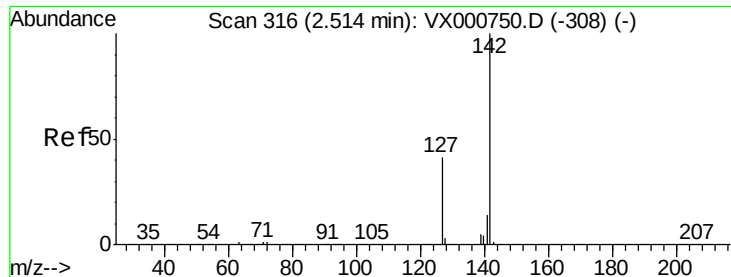
50

0

Time-->

1.62 1.64 1.66 1.68 1.70

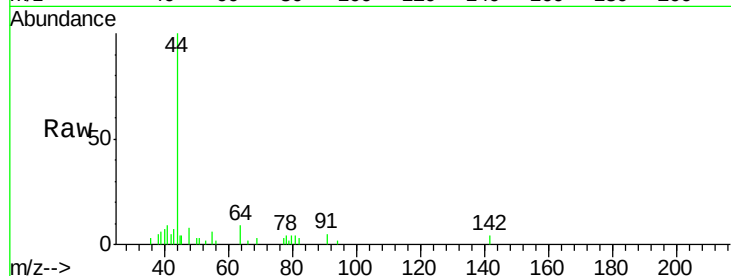




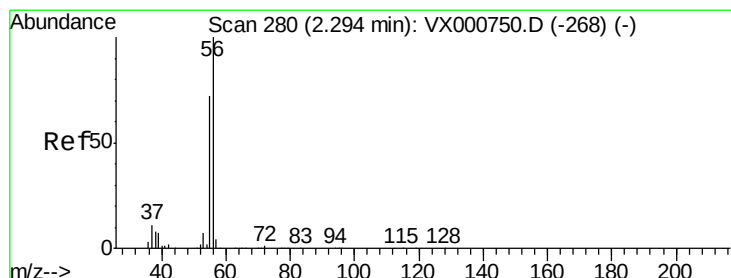
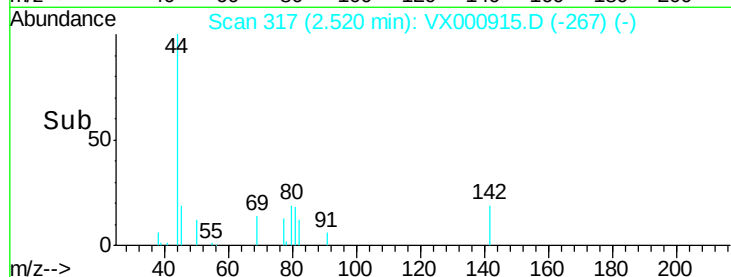
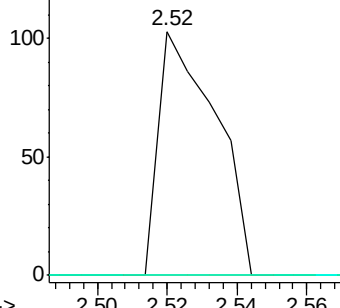
#10
Methyl Iodide
Concen: 8.28 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000915.D
Acq: 16 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 117
Ion Ratio Lower Upper
142 100
127 0.0 32.6 49.0#
141 0.0 11.5 17.3#

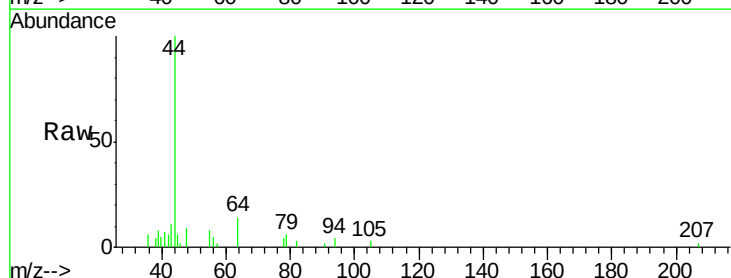


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

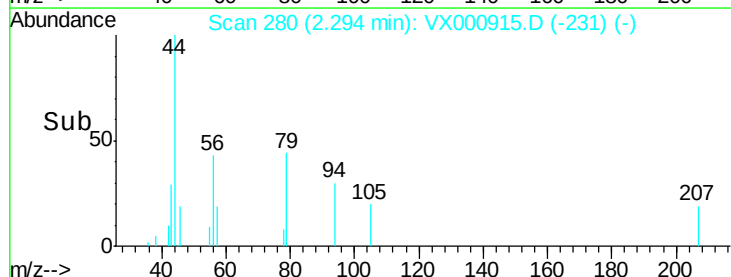
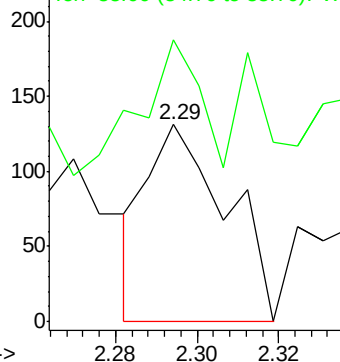


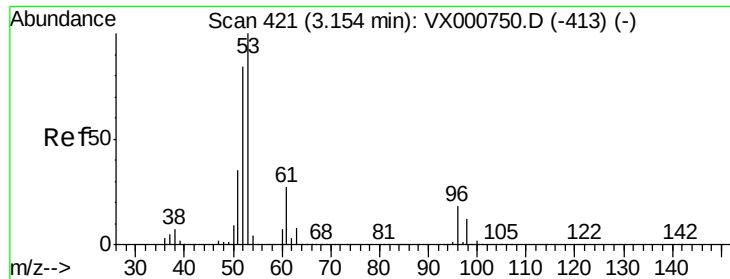
#13
Acrolein
Concen: 0.59 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX000915.D
Acq: 16 Apr 2018 13:42

Tgt Ion: 56 Resp: 177
Ion Ratio Lower Upper
56 100
55 61.0 58.7 88.1



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





#15

Acrylonitrile

Concen: 0.33 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

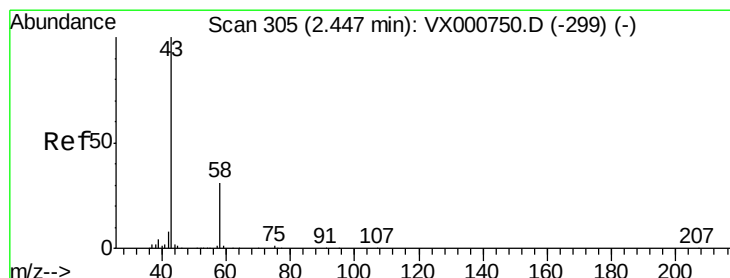
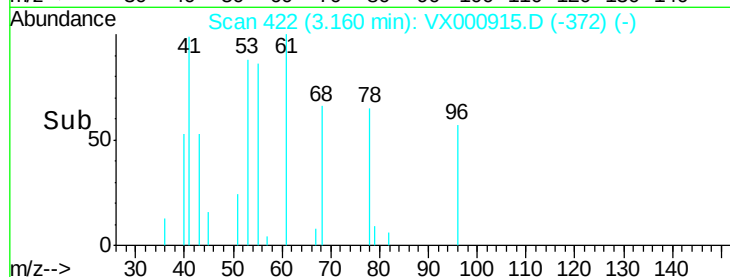
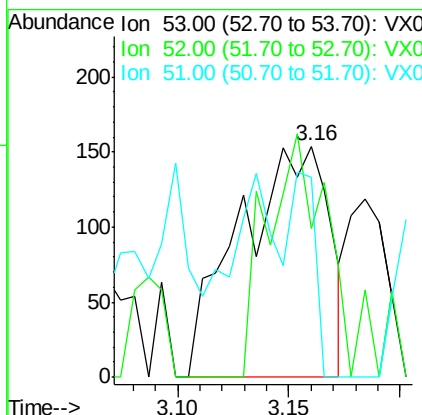
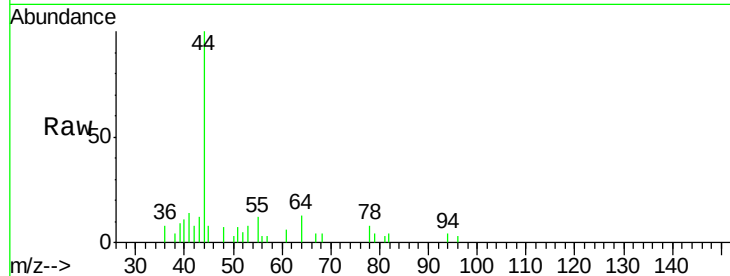
Lab File: VX000915.D

Acq: 16 Apr 2018 13:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 432

Ion	Ratio	Lower	Upper
53	100		
52	67.8	66.5	99.7
51	0.0	28.8	43.2#



#16

Acetone

Concen: 0.40 ug/l

RT: 2.45 min Scan# 306

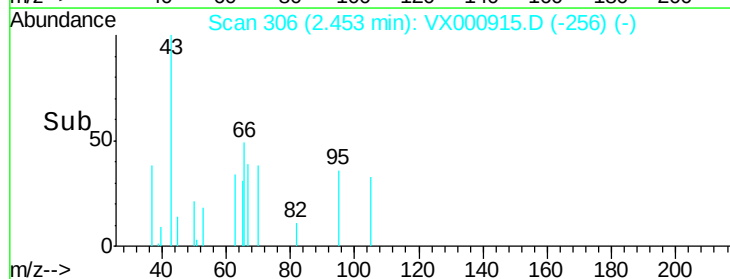
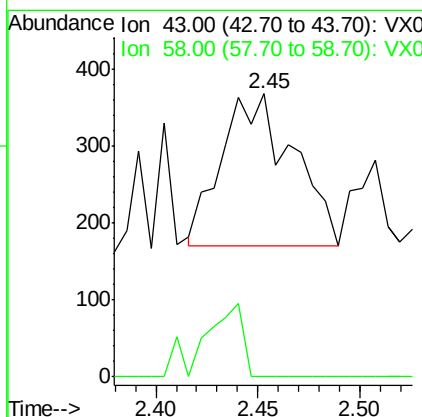
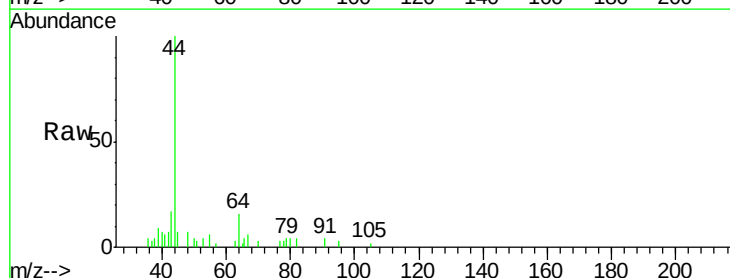
Delta R.T. 0.01 min

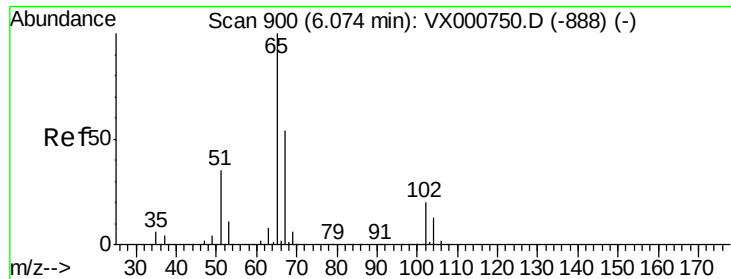
Lab File: VX000915.D

Acq: 16 Apr 2018 13:42

Tgt Ion: 43 Resp: 481

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.6	37.0#

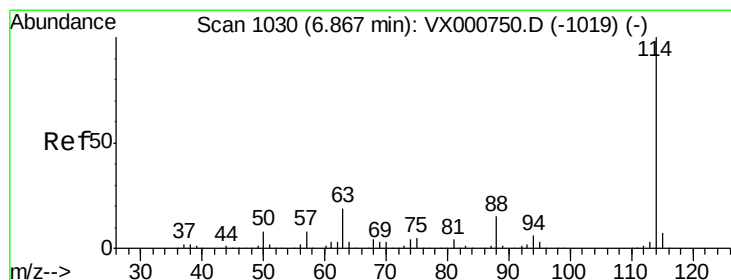
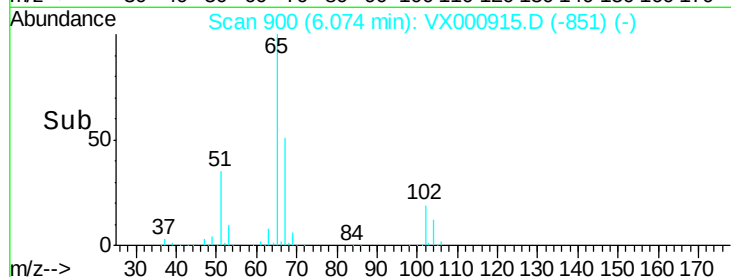
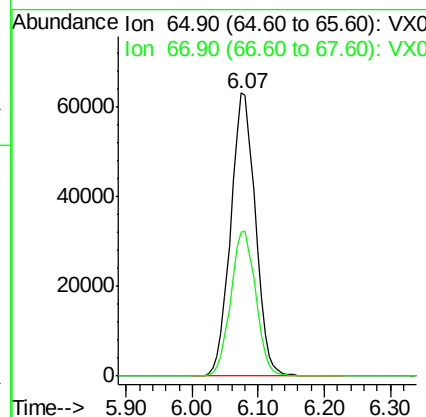
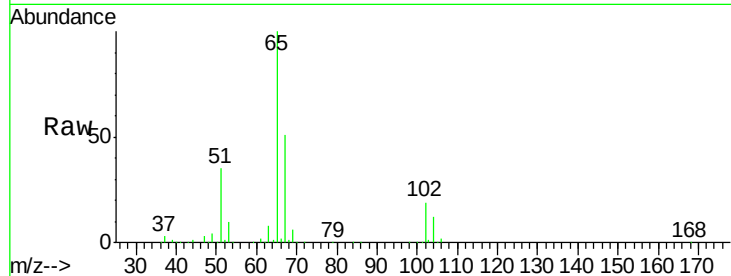




#33
 1,2-Dichloroethane-d4
 Concen: 46.76 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000915.D
 Acq: 16 Apr 2018 13:42

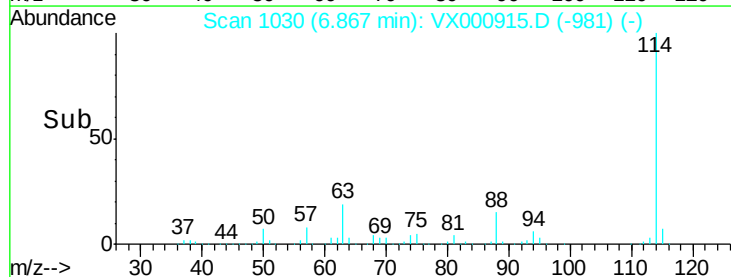
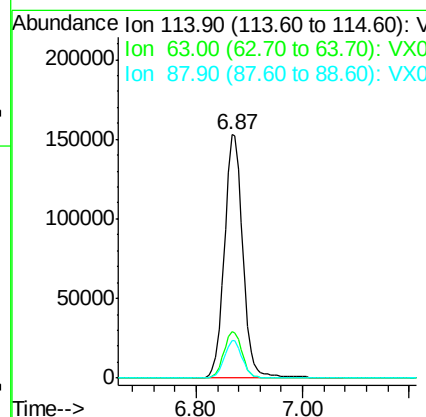
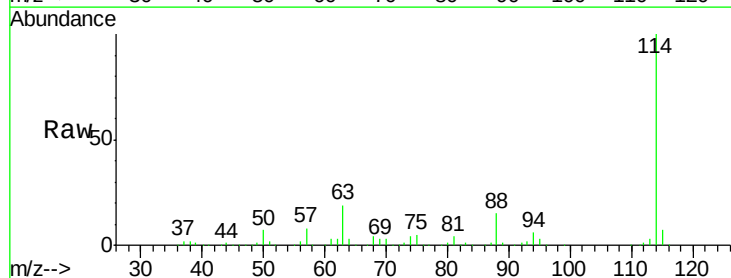
Instrument :
 MSVOA_X
 ClientSampleId :

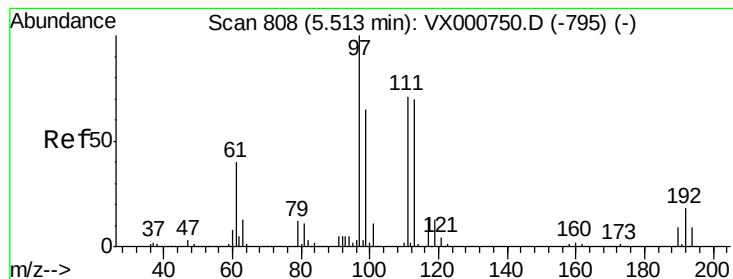
Tot Ion: 65 Resp: 163731
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000915.D
 Acq: 16 Apr 2018 13:42

Tgt Ion: 114 Resp: 371198
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.42 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000915.D

Acq: 16 Apr 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

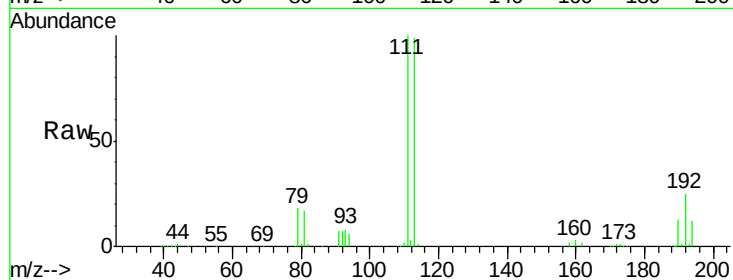
Tot Ion:113 Resp: 132767

Ion Ratio Lower Upper

113 100

111 101.1 81.5 122.3

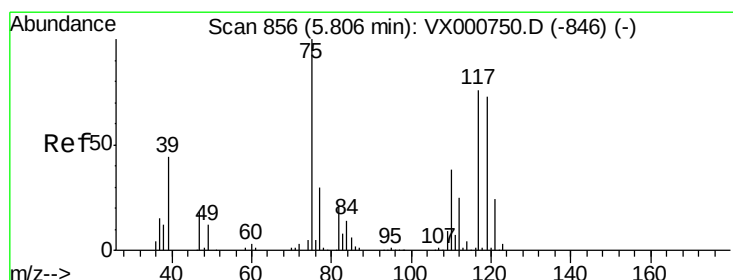
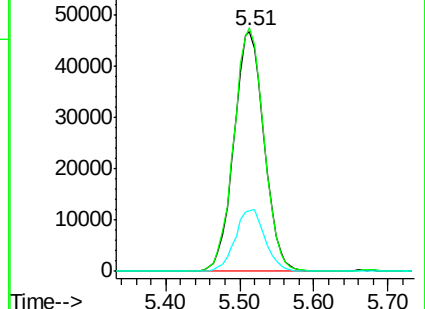
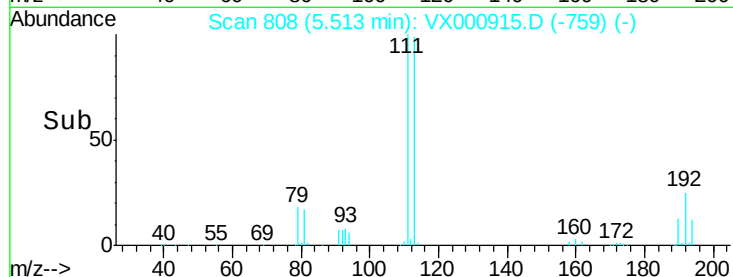
192 25.5 20.4 30.6



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: 3.99 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX000915.D

Acq: 16 Apr 2018 13:42

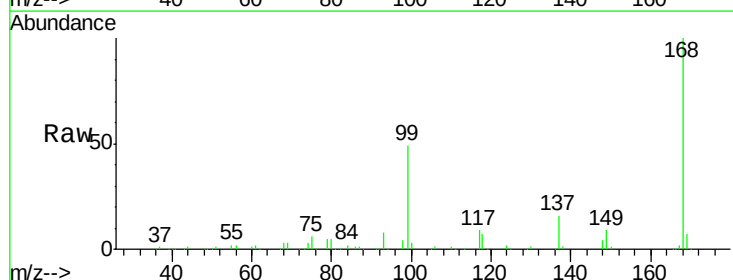
Tgt Ion: 75 Resp: 16293

Ion Ratio Lower Upper

75 100

110 9.9 19.2 57.6#

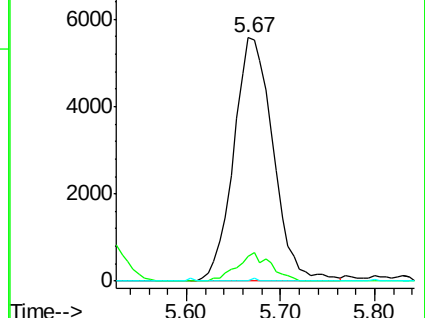
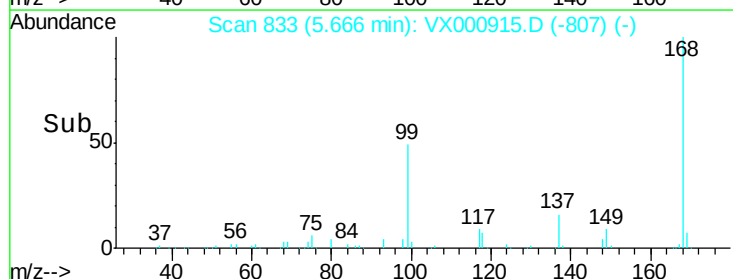
77 0.1 25.4 38.2#

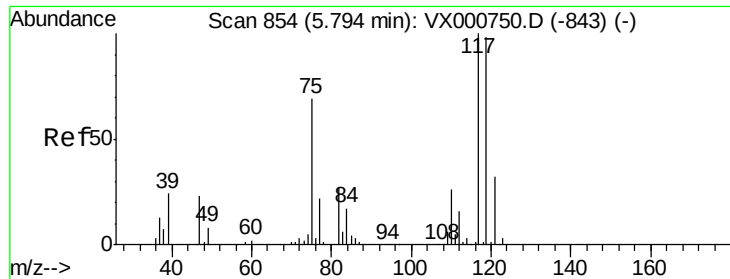


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.05 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000915.D

Acq: 16 Apr 2018 13:42

Instrument :

MSVOA_X

ClientSampled :

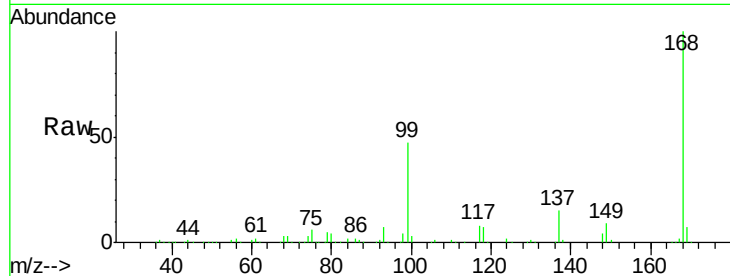
Tot Ion:117 Resp: 23103

Ion Ratio Lower Upper

117 100

119 5.1 78.4 117.6#

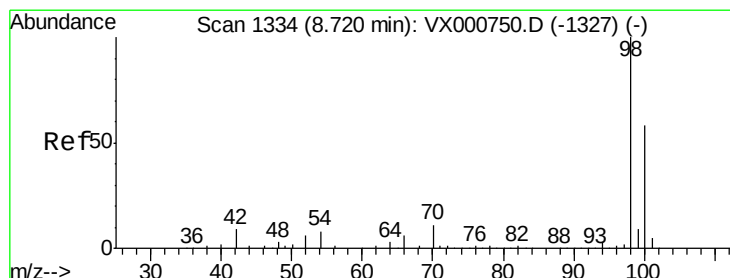
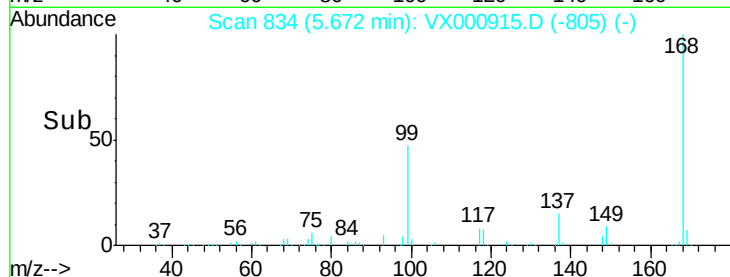
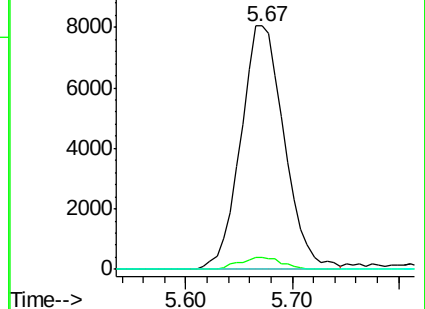
121 0.0 25.4 38.0#



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: 48.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000915.D

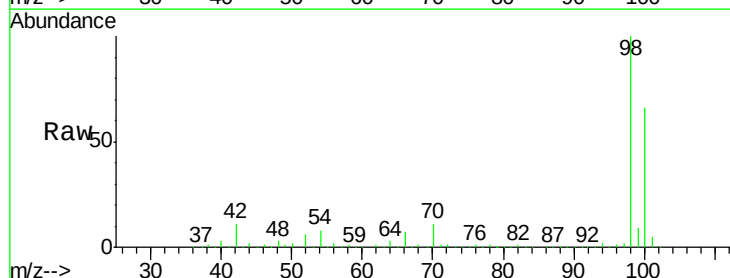
Acq: 16 Apr 2018 13:42

Tgt Ion: 98 Resp: 515862

Ion Ratio Lower Upper

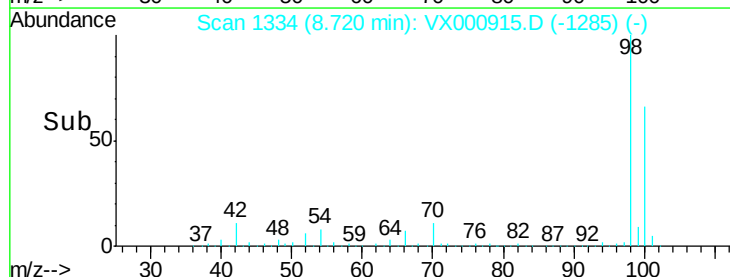
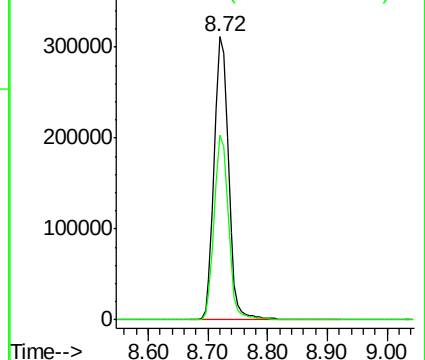
98 100

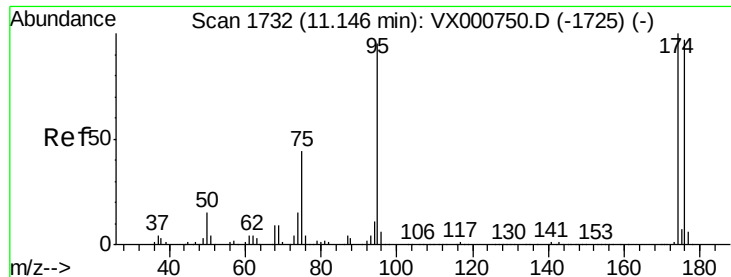
100 64.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

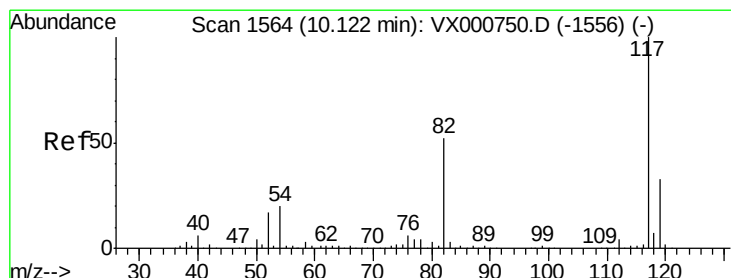
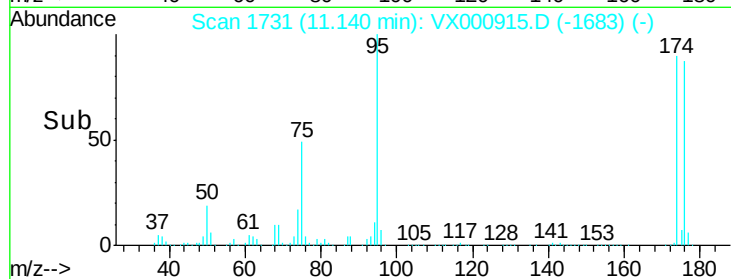
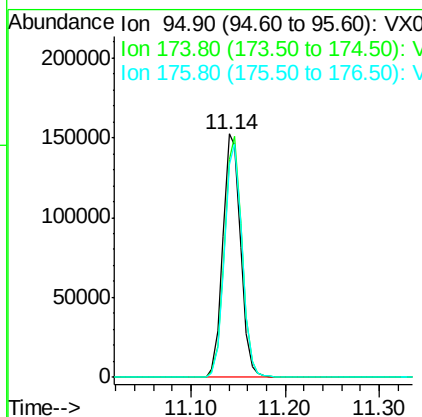
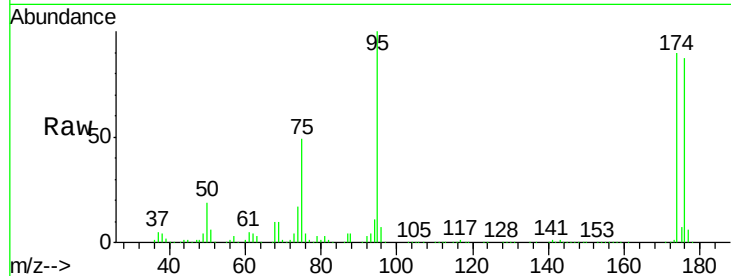




#62
4-Bromofluorobenzene
Concen: 45.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000915.D
Acq: 16 Apr 2018 13:42

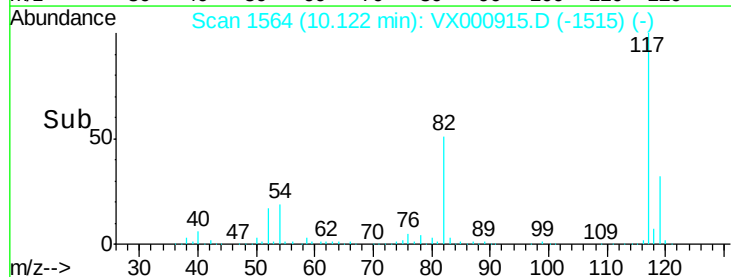
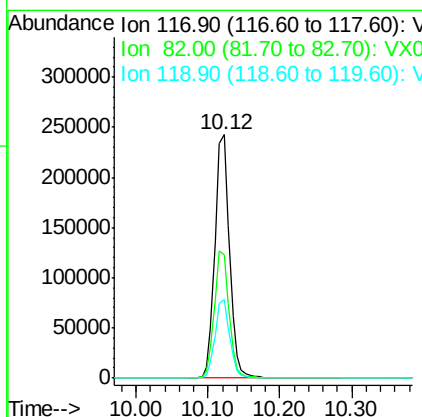
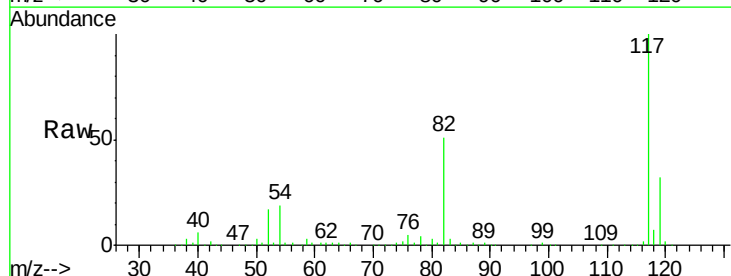
Instrument :
MSVOA_X
ClientSampleId :

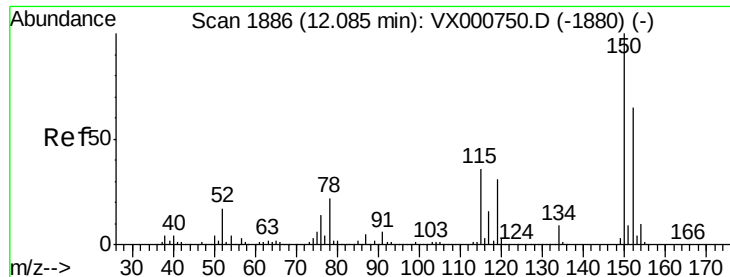
Tot Ion	95	Resp	198567
Ion Ratio	Lower	Upper	
95	100		
174	97.5	0.0	198.4
176	95.1	0.0	194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000915.D
Acq: 16 Apr 2018 13:42

Tgt Ion	117	Resp	340967
Ion Ratio	Lower	Upper	
117	100		
82	50.8	41.9	62.9
119	32.0	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000915.D

Acq: 16 Apr 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

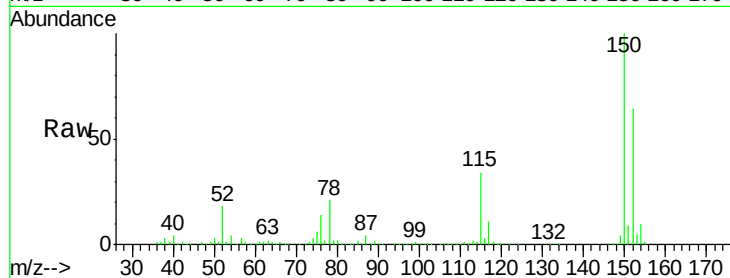
Tot Ion:152 Resp: 220901

Ion Ratio Lower Upper

152 100

115 53.6 37.9 113.7

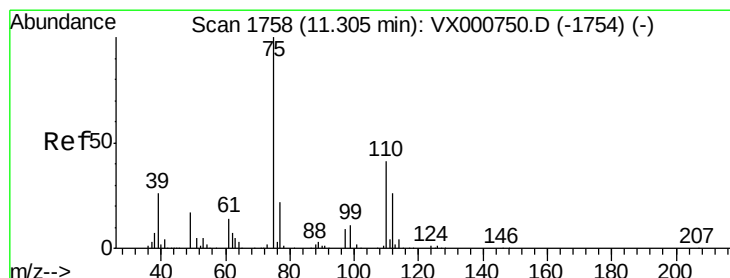
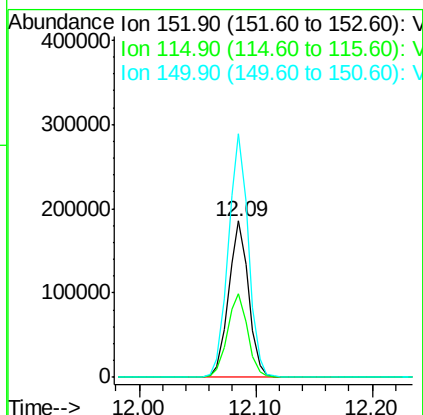
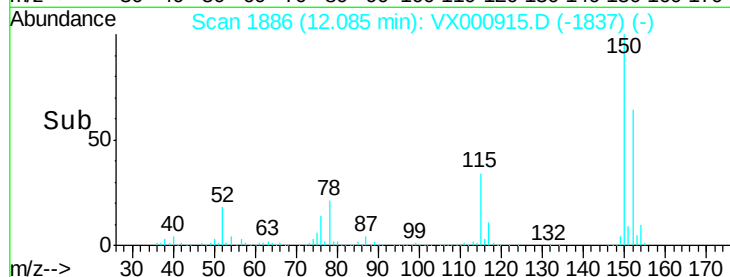
150 156.3 0.0 348.0



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: 25.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000915.D

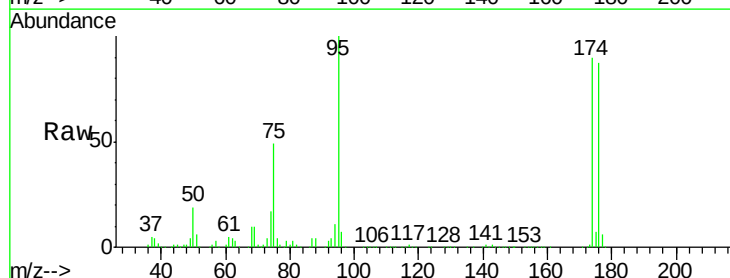
Acq: 16 Apr 2018 13:42

Tgt Ion: 75 Resp: 97229

Ion Ratio Lower Upper

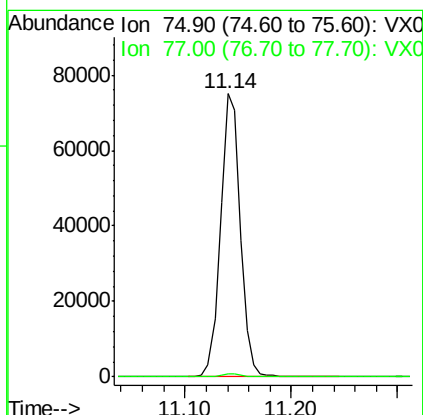
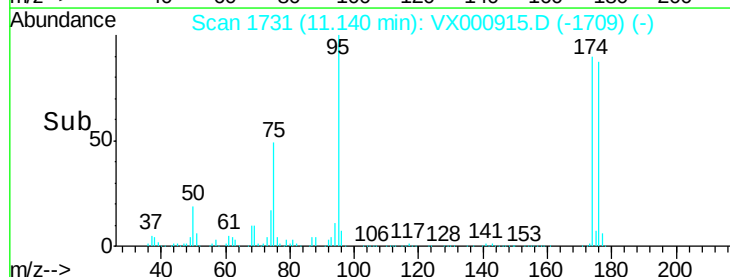
75 100

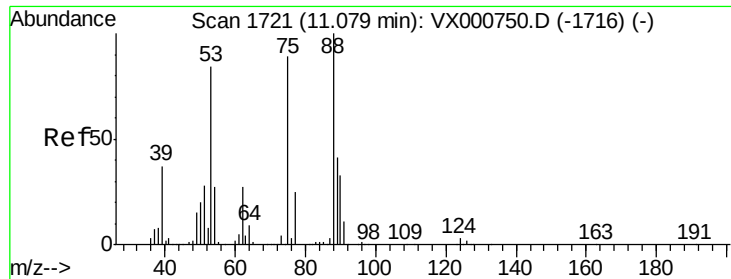
77 1.1 20.5 61.5#



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: 70.20 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX000915.D
 Acq: 16 Apr 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 97229
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 40.9 61.3#

