

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001767.D
 Acq On : 16 May 2018 16:30
 Operator : JC/MD
 Sample : J2796-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180507RE

Quant Time: May 17 02:56:21 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	275174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	142752	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	206133	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
35) Dibromofluoromethane	5.51	113	173184	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
50) Toluene-d8	8.72	98	606412	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
62) 4-Bromofluorobenzene	11.14	95	167943	41.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.66%	

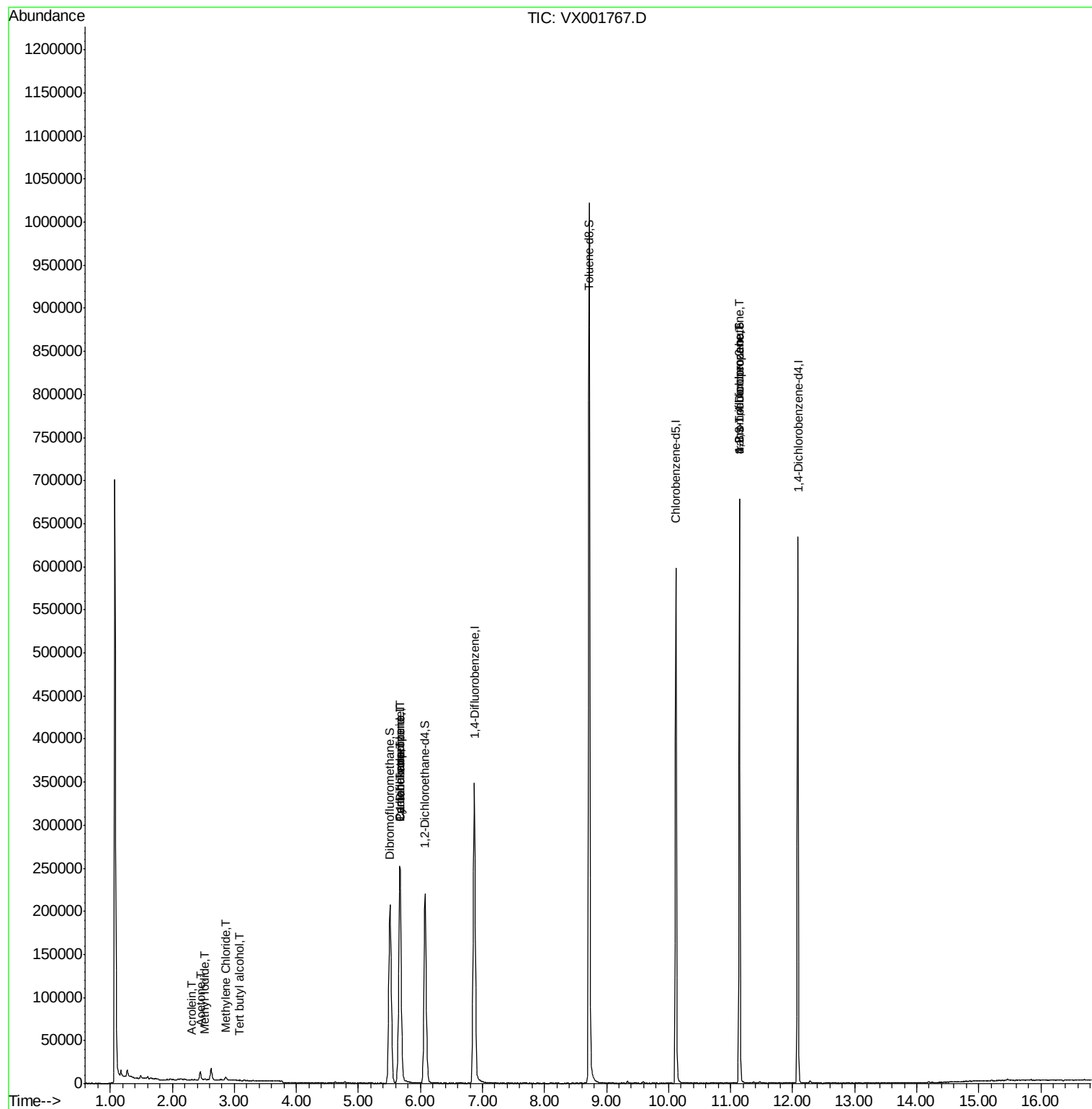
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1139	Below Cal		82
10) Methyl Iodide	2.52	142	1570	0.60	ug/l #	97
11) Tert butyl alcohol	3.07	59	355	0.54	ug/l #	86
13) Acrolein	2.31	56	107	0.23	ug/l #	1
16) Acetone	2.45	43	10762	7.43	ug/l	95
20) Methylene Chloride	2.86	84	1590	0.51	ug/l #	87
31) Cyclohexane	5.67	56	4316	0.93	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16569	3.90	ug/l #	48
38) Carbon Tetrachloride	5.67	117	22831	5.13	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	78795	29.03	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	78795	84.09	ug/l #	10

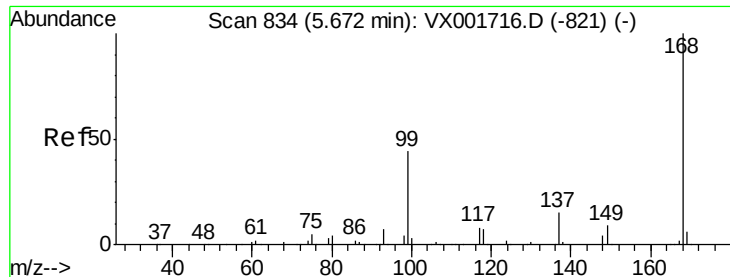
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001767.D

Acq: 16 May 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

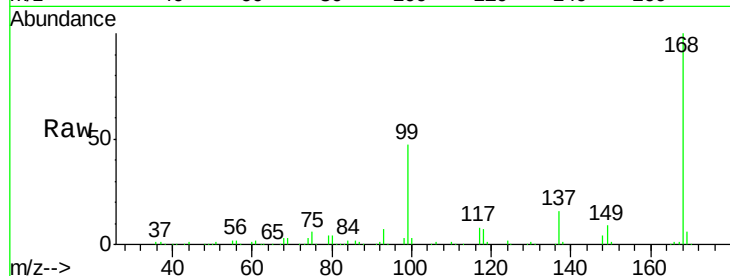
TB-01-180507RE

Tgt Ion:168 Resp: 275174

Ion Ratio Lower Upper

168 100

99 46.7 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

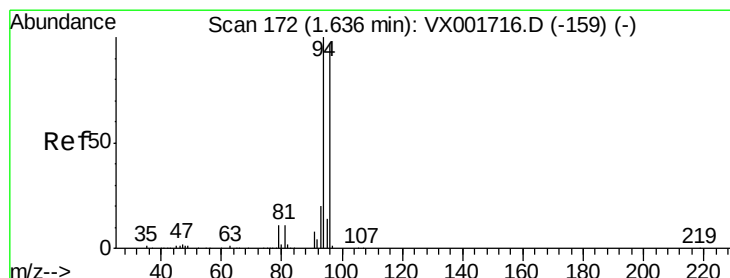
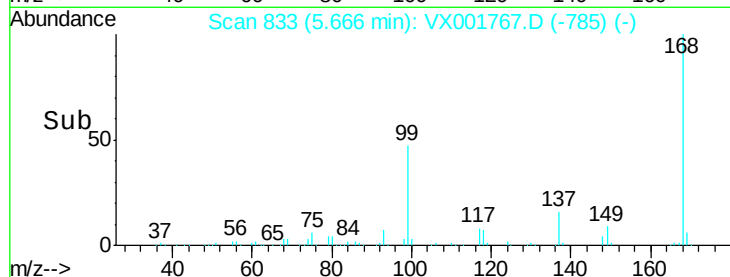
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001767.D

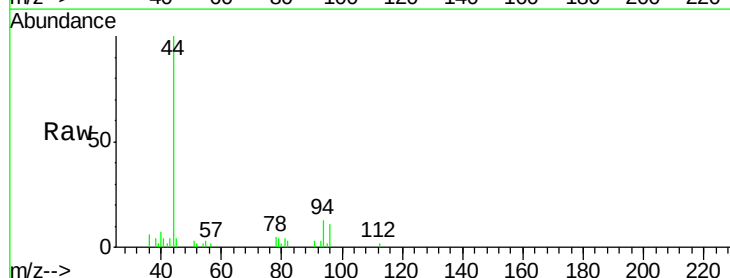
Acq: 16 May 2018 16:30

Tgt Ion: 94 Resp: 1139

Ion Ratio Lower Upper

94 100

96 79.0 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

500

400

300

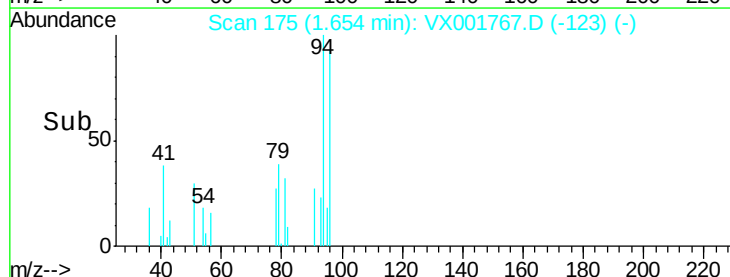
200

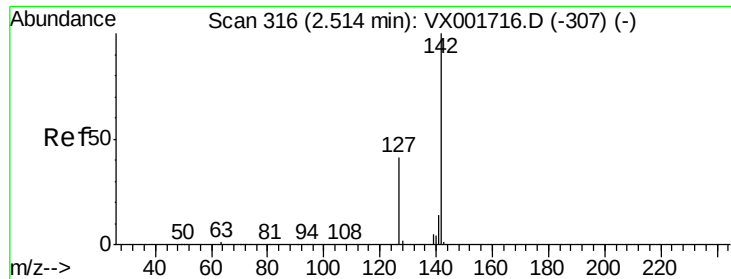
100

0

Time-->

1.60 1.65 1.70

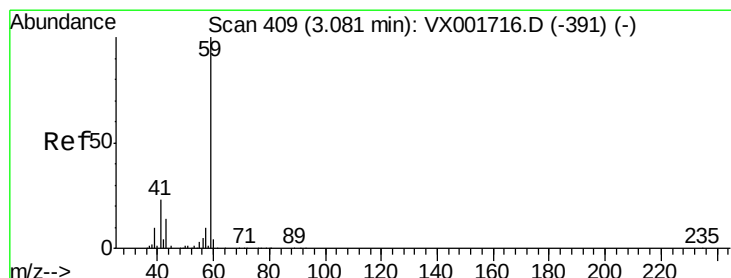
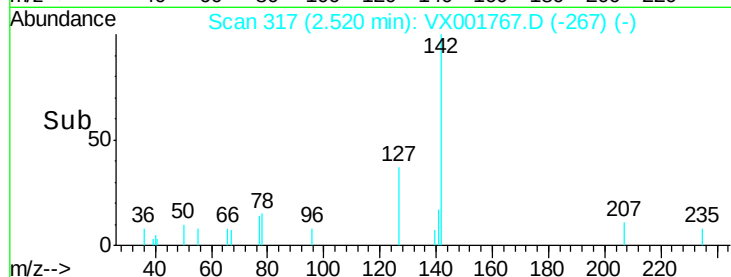
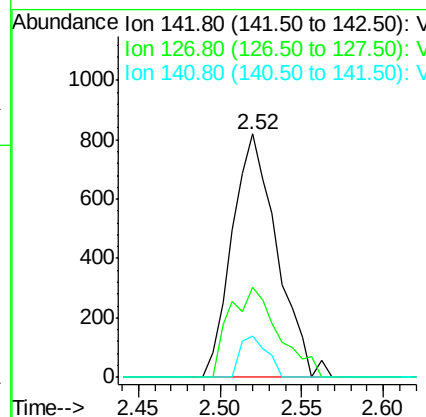
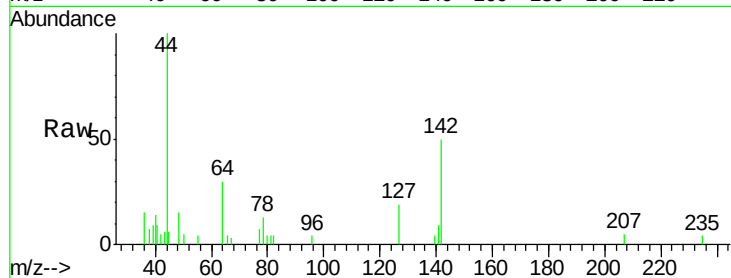




#10
Methyl Iodide
Concen: 0.60 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001767.D
Acq: 16 May 2018 16:30

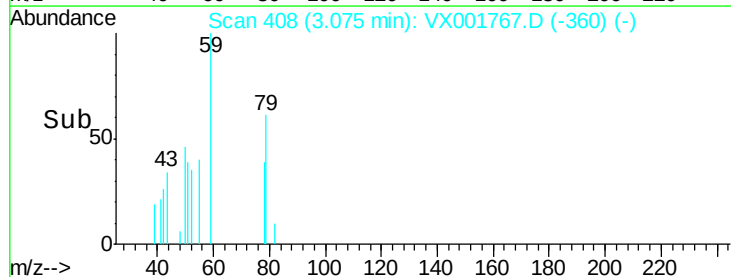
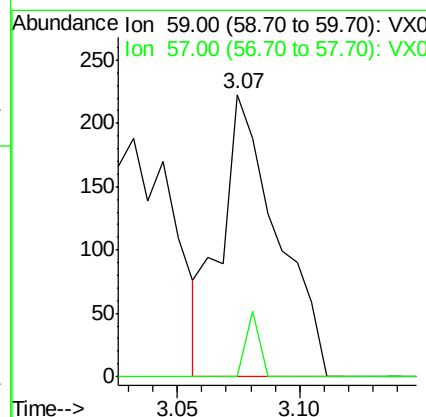
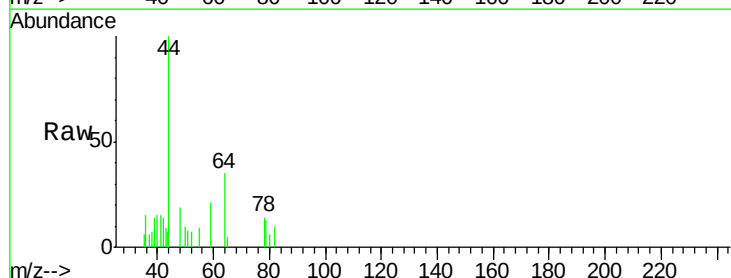
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TB-01-180507RE

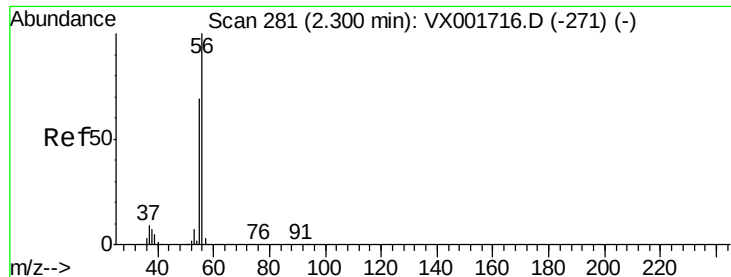
Tgt Ion:142 Resp: 1570
Ion Ratio Lower Upper
142 100
127 40.8 32.5 48.7
141 10.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001767.D
Acq: 16 May 2018 16:30

Tgt Ion: 59 Resp: 355
Ion Ratio Lower Upper
59 100
57 5.4 8.5 12.7#





#13

Acrolein

Concen: 0.23 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001767.D

Acq: 16 May 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

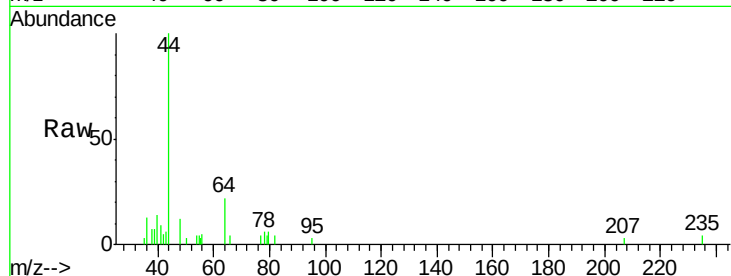
TB-01-180507RE

Tgt Ion: 56 Resp: 107

Ion Ratio Lower Upper

56 100

55 172.0 56.2 84.2#

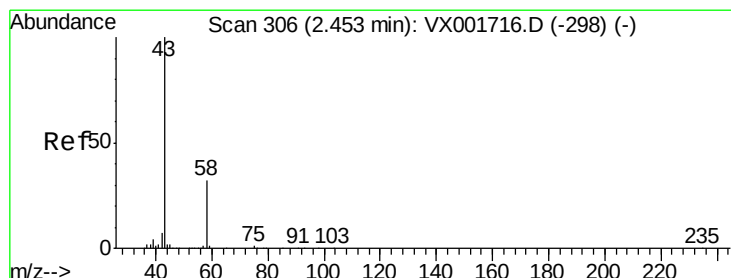
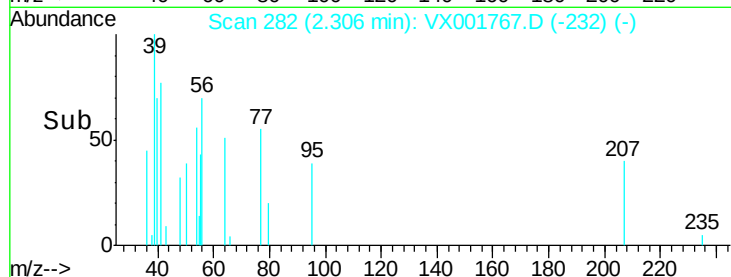


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.31

Time-->



#16

Acetone

Concen: 7.43 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001767.D

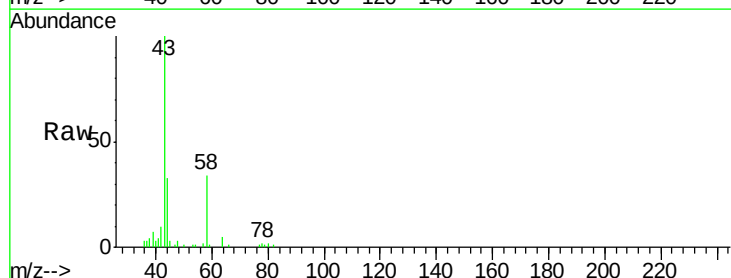
Acq: 16 May 2018 16:30

Tgt Ion: 43 Resp: 10762

Ion Ratio Lower Upper

43 100

58 34.2 25.3 37.9

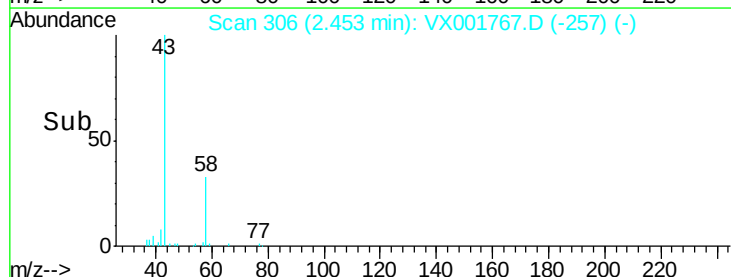


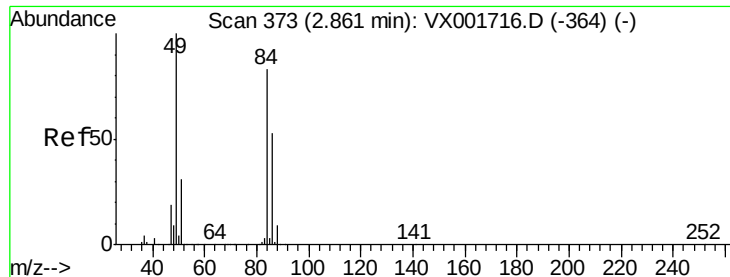
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

Time-->

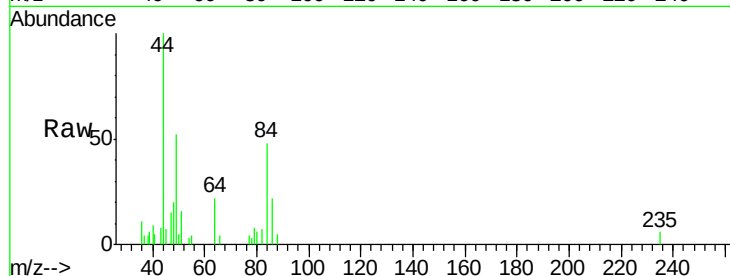




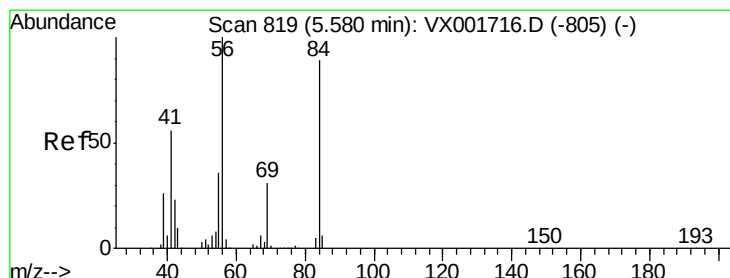
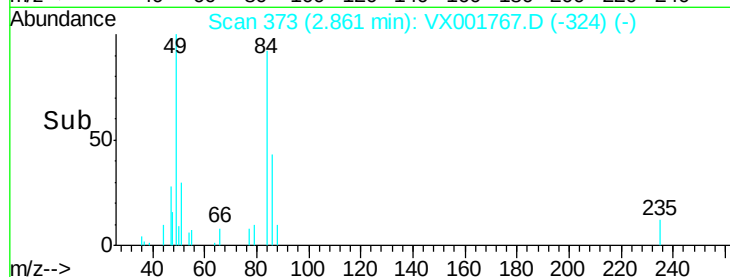
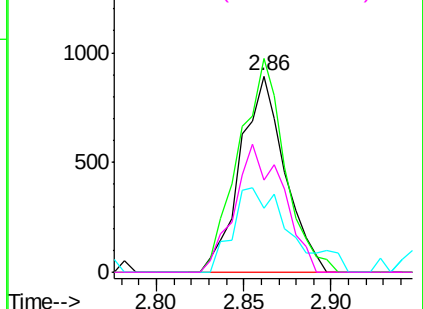
#20
Methylene Chloride
Concen: 0.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001767.D
Acq: 16 May 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
TB-01-180507RE

Tgt Ion:	84	Resp:	1590
Ion	Ratio	Lower	Upper
84	100		
49	109.0	96.3	144.5
51	32.6	29.8	44.6
86	46.8	51.0	76.6#

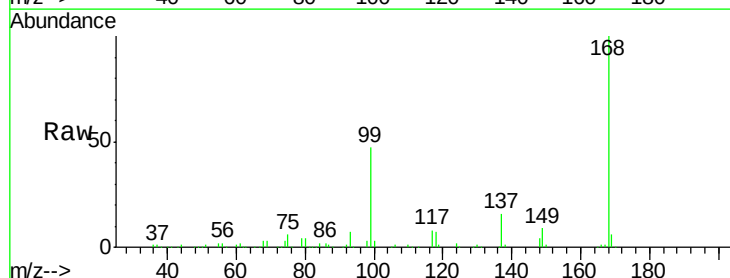


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

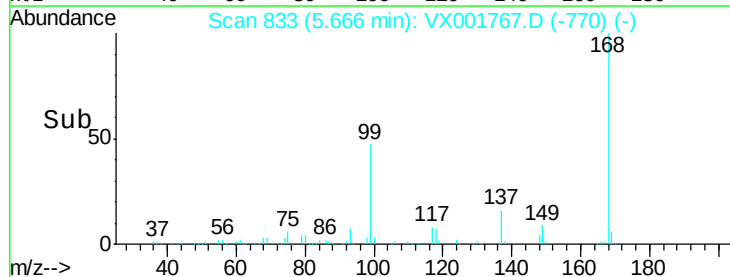
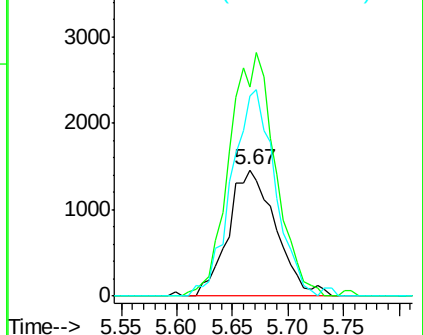


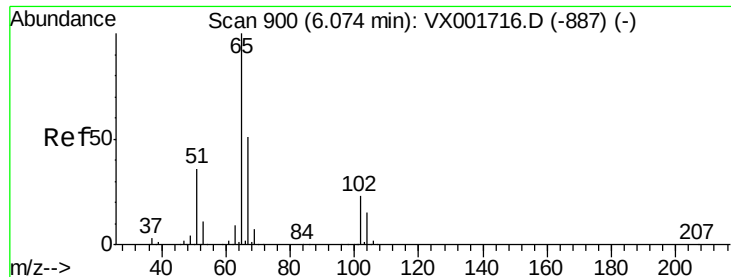
#31
Cyclohexane
Concen: 0.93 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001767.D
Acq: 16 May 2018 16:30

Tgt Ion:	56	Resp:	4316
Ion	Ratio	Lower	Upper
56	100		
69	165.2	25.0	37.6#
84	157.9	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

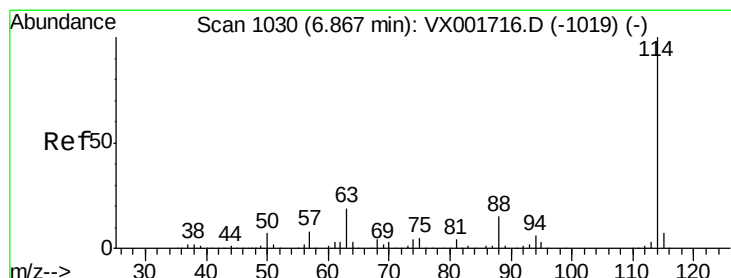
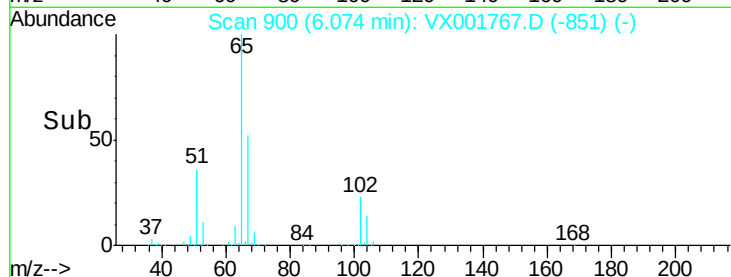
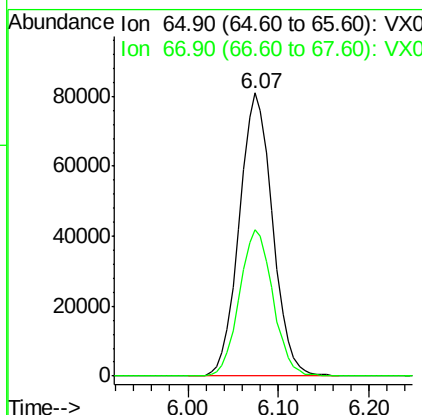
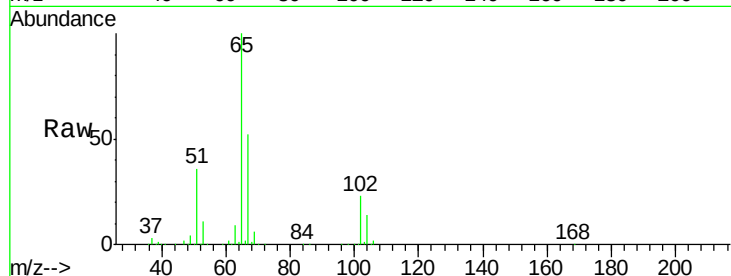




#33
 1,2-Dichloroethane-d4
 Concen: 55.89 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001767.D
 Acq: 16 May 2018 16:30

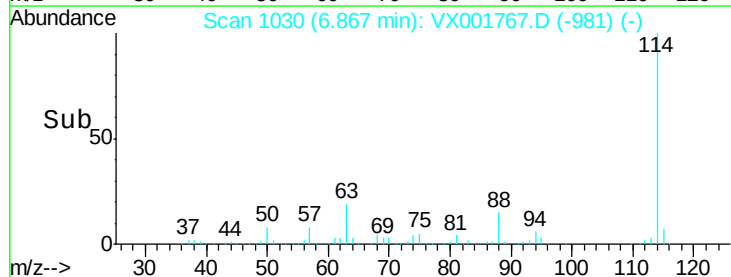
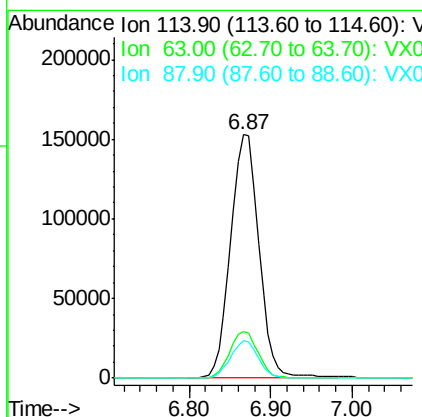
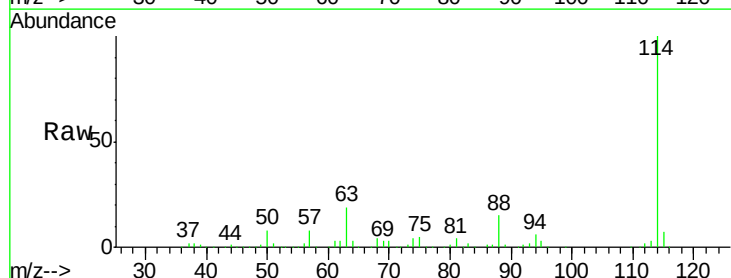
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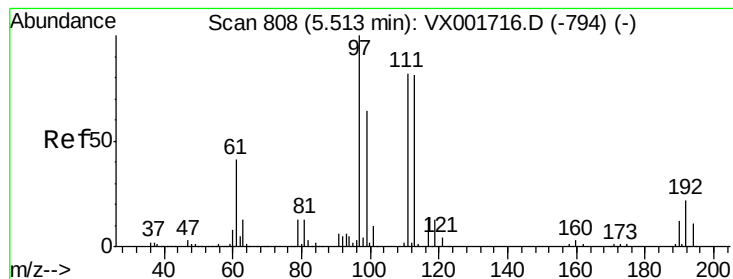
Tgt Ion: 65 Resp: 206133
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001767.D
 Acq: 16 May 2018 16:30

Tgt Ion: 114 Resp: 368946
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.0
 88 15.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 55.62 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001767.D

Acq: 16 May 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

TB-01-180507RE

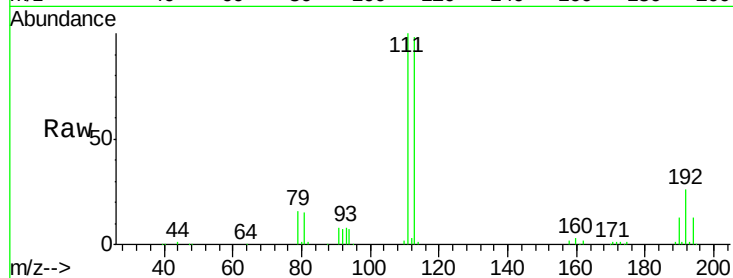
Tgt Ion:113 Resp: 173184

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

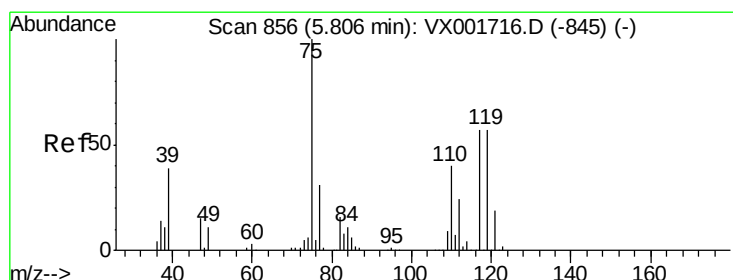
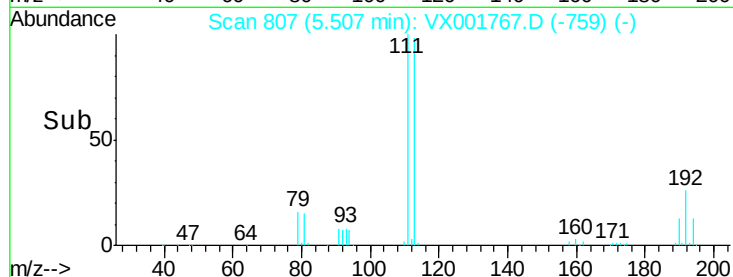
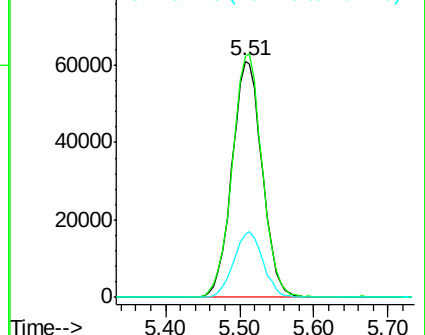
192 27.0 21.6 32.4



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



#36

1,1-Dichloropropene

Concen: 3.90 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001767.D

Acq: 16 May 2018 16:30

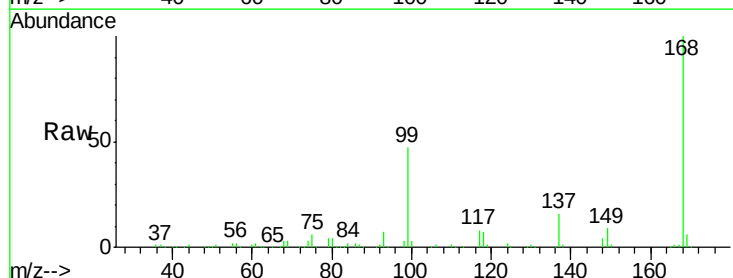
Tgt Ion: 75 Resp: 16569

Ion Ratio Lower Upper

75 100

110 9.1 19.1 57.1#

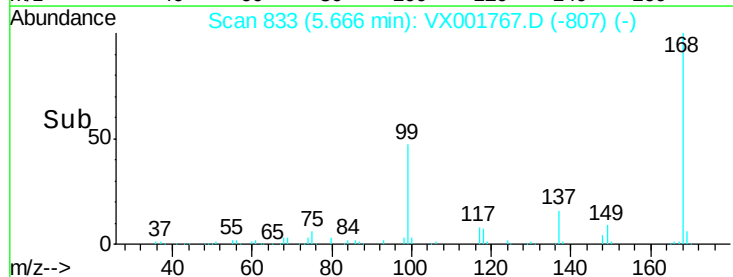
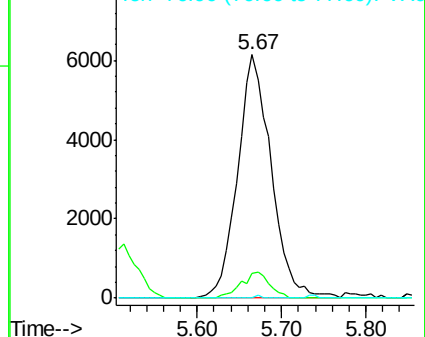
77 0.1 24.6 37.0#

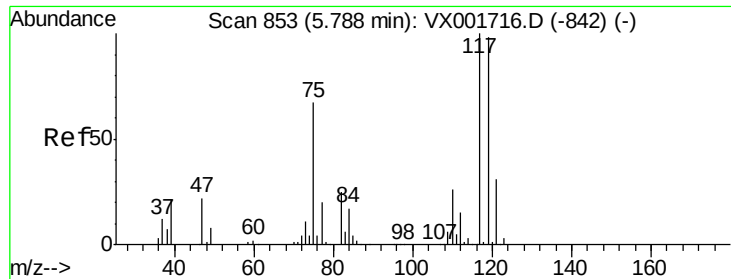


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

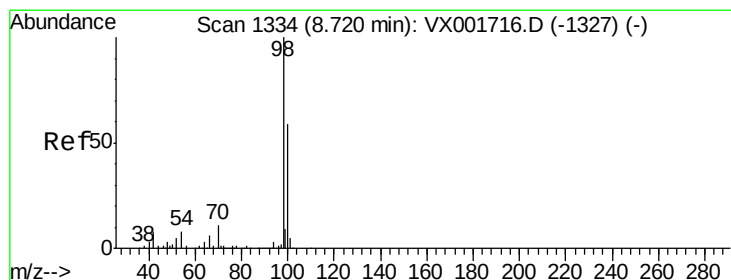
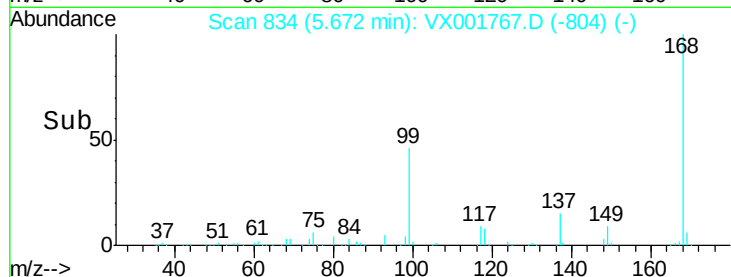
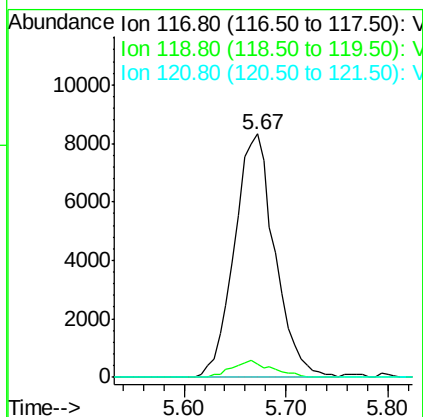
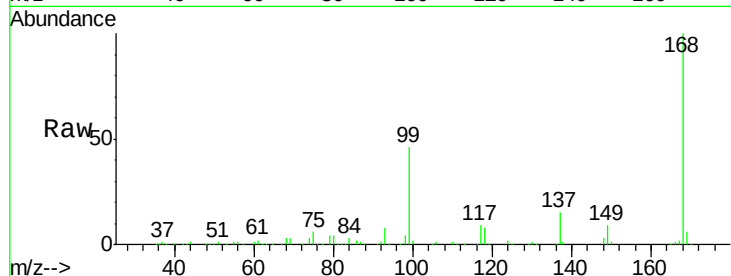




#38
Carbon Tetrachloride
Concen: 5.13 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001767.D
Acq: 16 May 2018 16:30

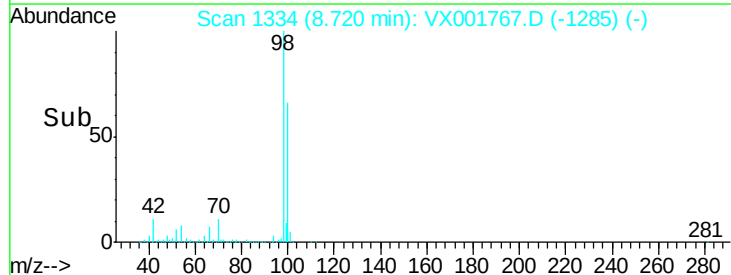
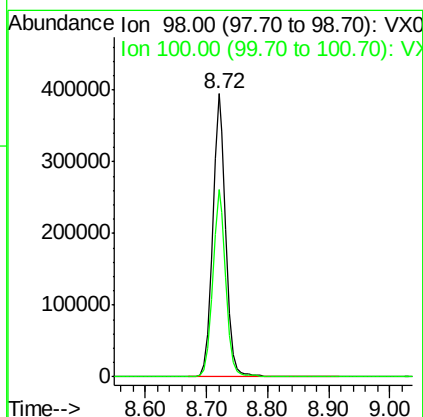
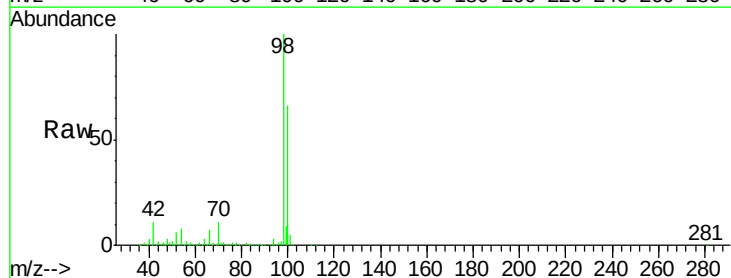
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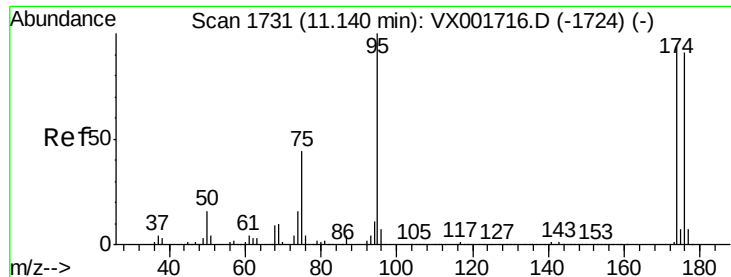
Tgt Ion: 117 Resp: 22831
Ion Ratio Lower Upper
117 100
119 5.3 77.6 116.4#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 54.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001767.D
Acq: 16 May 2018 16:30

Tgt Ion: 98 Resp: 606412
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0

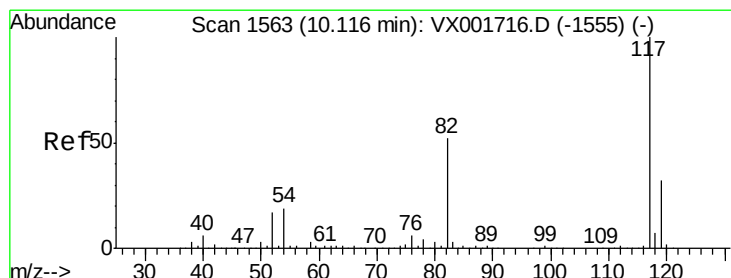
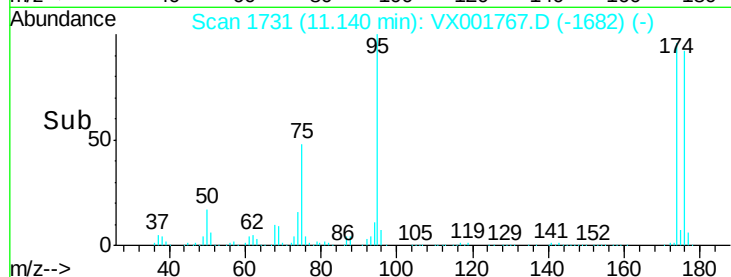
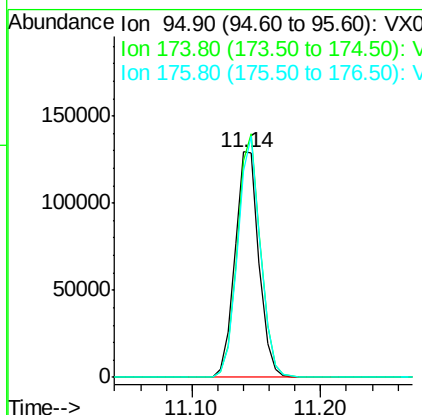
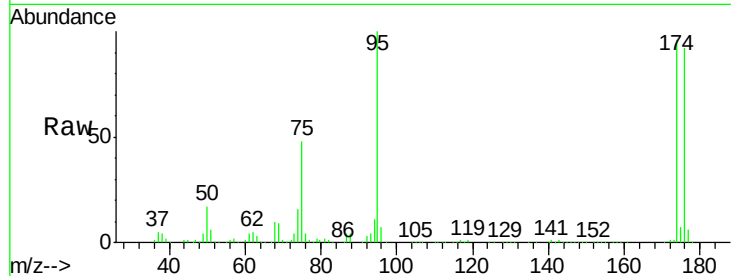




#62
4-Bromofluorobenzene
Concen: 41.83 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001767.D
Acq: 16 May 2018 16:30

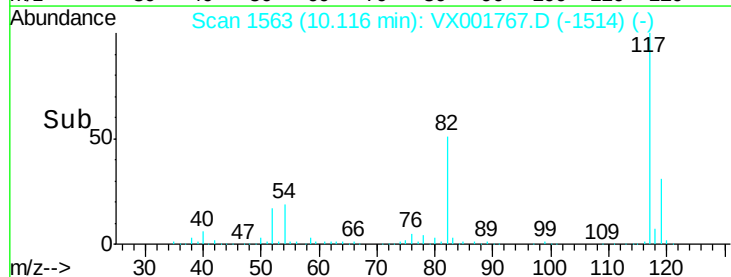
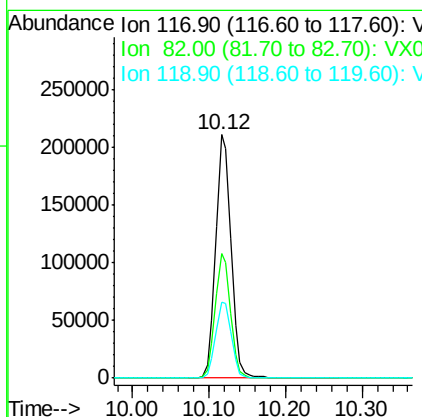
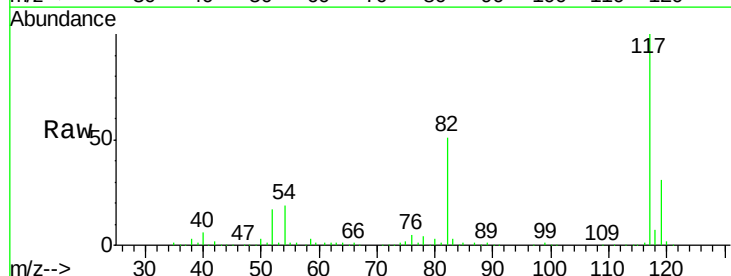
Instrument :
MSVOA_X
ClientSampleId :
TB-01-180507RE

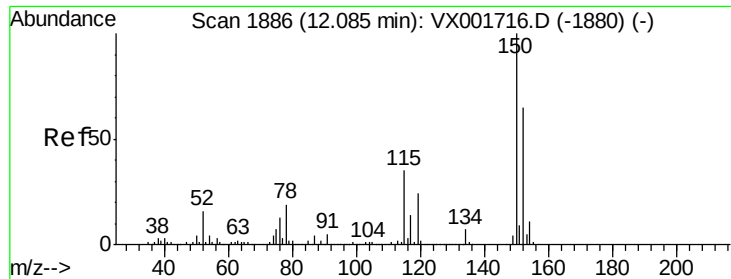
Tgt Ion: 95 Resp: 167943
Ion Ratio Lower Upper
95 100
174 103.4 0.0 201.8
176 100.8 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001767.D
Acq: 16 May 2018 16:30

Tgt Ion: 117 Resp: 293008
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 31.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001767.D

Acq: 16 May 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

TB-01-180507RE

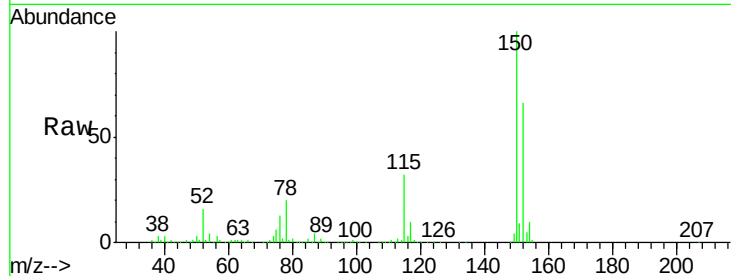
Tgt Ion:152 Resp: 142752

Ion Ratio Lower Upper

152 100

115 51.0 37.4 112.2

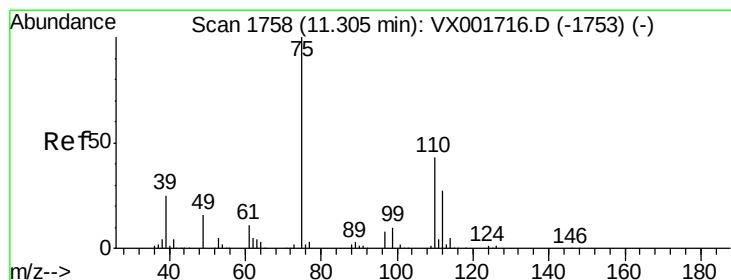
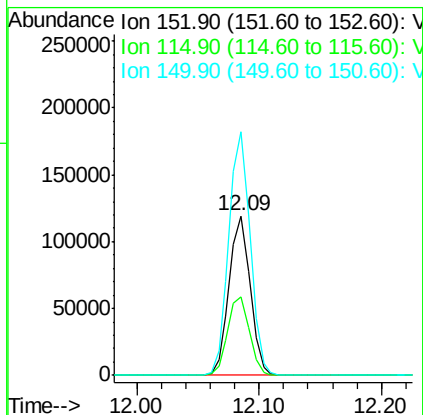
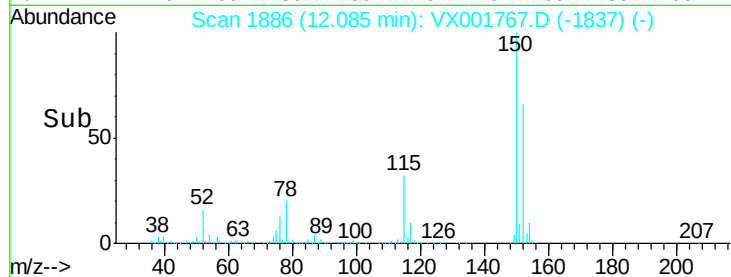
150 154.1 0.0 344.8



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: 29.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001767.D

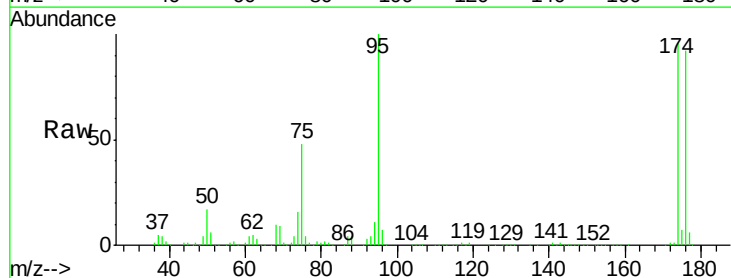
Acq: 16 May 2018 16:30

Tgt Ion: 75 Resp: 78795

Ion Ratio Lower Upper

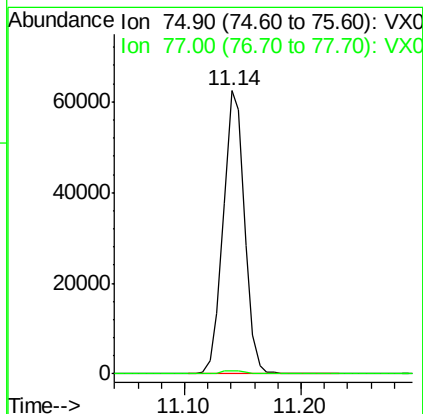
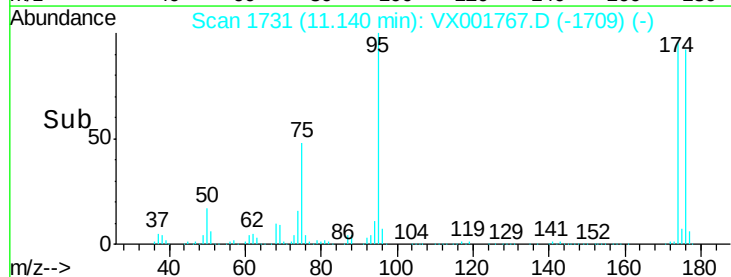
75 100

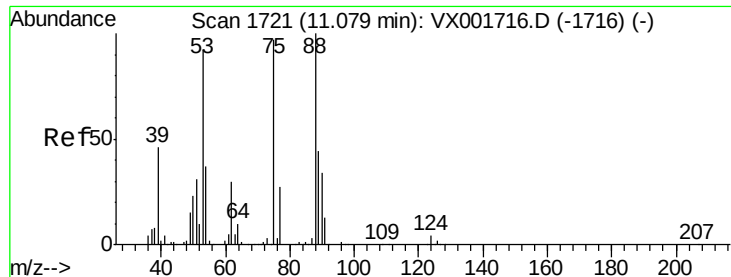
77 1.3 18.9 56.7#



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: 84.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001767.D

Acq: 16 May 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

TB-01-180507RE

Tgt Ion: 75 Resp: 78795

Ion Ratio Lower Upper

75 100

53 0.2 79.4 119.2#

89 0.0 38.8 58.2#

