

Data File : VX001566.D
Acq On : 09 May 2018 20:13
Operator : JC/MD
Sample : J2732-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RAV-MW-6

Quant Time: May 10 04:18:15 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	139738	50.00	ug/l	0.00

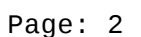
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182804	56.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.16%	
35) Dibromofluoromethane	5.51	113	140873	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	8.72	98	496273	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	160798	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	

Target Compounds				Qvalue		
5) Bromomethane	1.66	94	936	Below Cal		89
10) Methyl Iodide	2.52	142	921	0.24 ug/l	#	94
11) Tert butyl alcohol	3.02	59	2307	3.39 ug/l	#	75
13) Acrolein	2.29	56	86	Below Cal	#	52
16) Acetone	2.45	43	6934	4.73 ug/l		96
20) Methylene Chloride	2.86	84	620	0.21 ug/l	#	92
31) Cyclohexane	5.67	56	3813	0.92 ug/l	#	26
36) 1,1-Dichloropropene	5.67	75	14064	3.66 ug/l	#	49
38) Carbon Tetrachloride	5.67	117	19679	4.80 ug/l	#	16
54) cis-1,3-Dichloropropene	8.96	75	20	2.27 ug/l	#	34
76) 1,2,3-Trichloropropane	11.14	75	80789	28.51 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	80789	87.38 ug/l	#	7

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

ALS Vial : 15 Sample Multiplier: 1

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: VX001566.D

Acq: 09 May 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

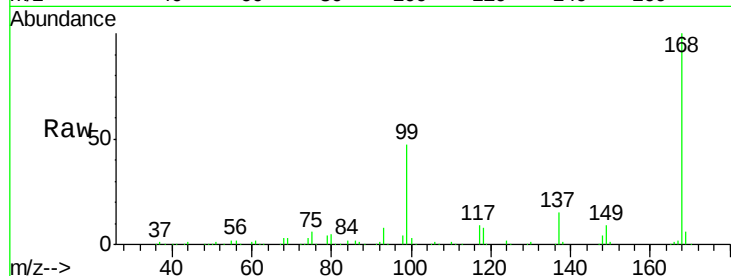
RAV-MW-6

Tgt Ion:168 Resp: 224782

Ion Ratio Lower Upper

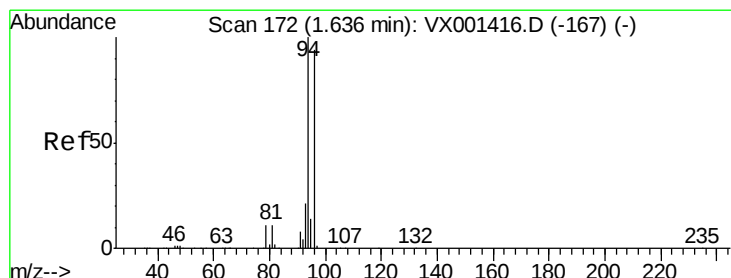
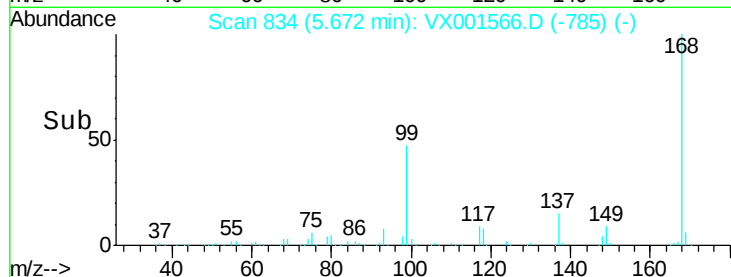
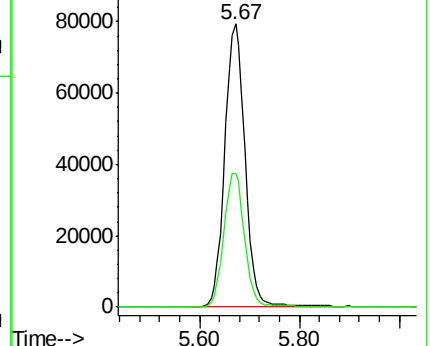
168 100

99 47.2 36.6 54.8



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: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001566.D

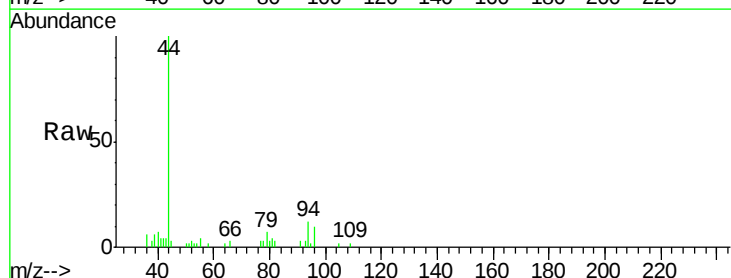
Acq: 09 May 2018 20:13

Tgt Ion: 94 Resp: 936

Ion Ratio Lower Upper

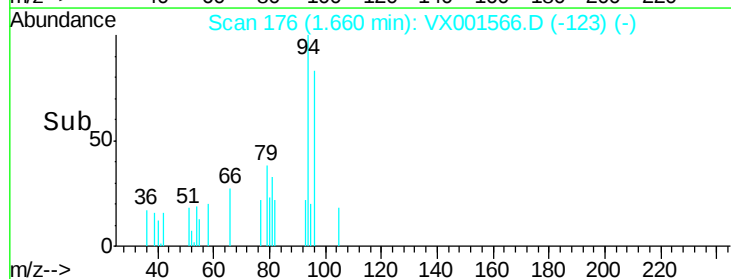
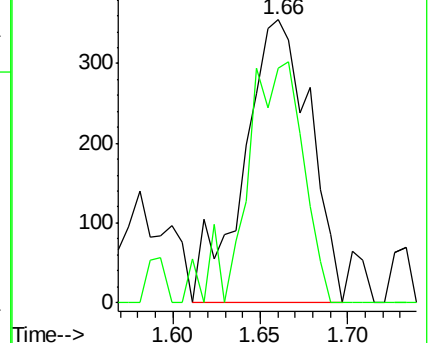
94 100

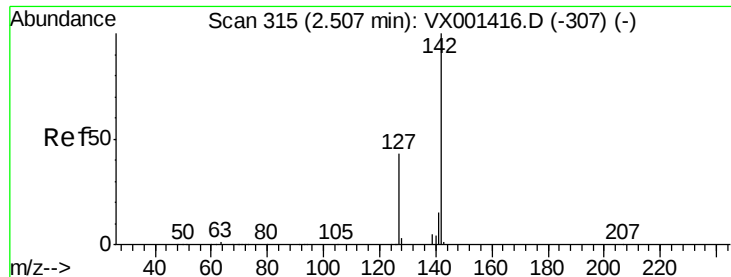
96 83.1 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

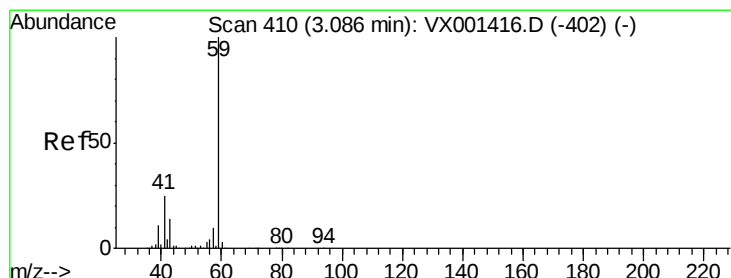
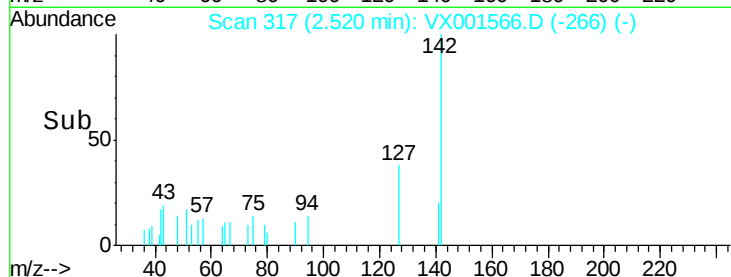
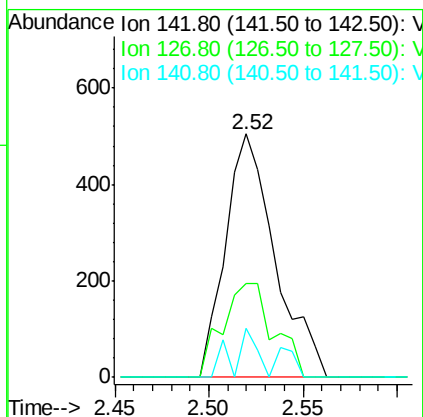
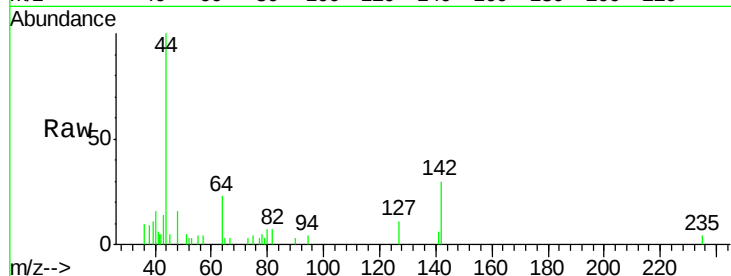




#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001566.D
Acq: 09 May 2018 20:13

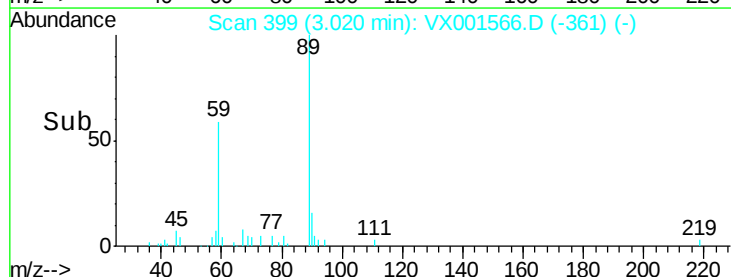
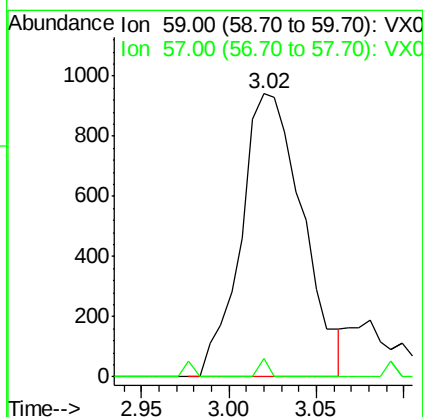
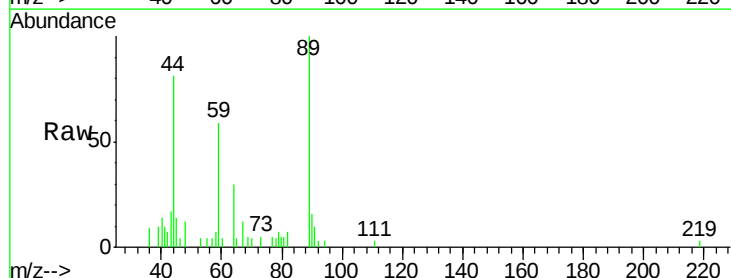
Instrument :
MSVOA_X
ClientSampleId :
RAV-MW-6

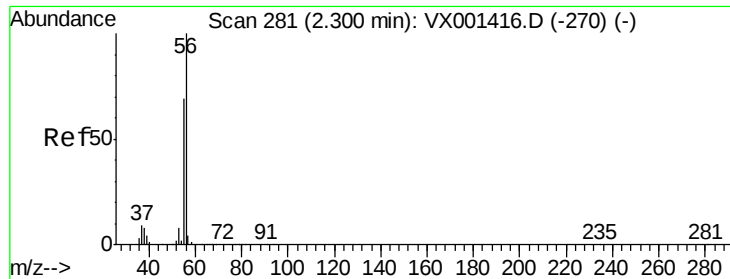
Tgt Ion: 142 Resp: 921
Ion Ratio Lower Upper
142 100
127 39.7 33.6 50.4
141 9.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: 3.39 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.07 min
Lab File: VX001566.D
Acq: 09 May 2018 20:13

Tgt Ion: 59 Resp: 2307
Ion Ratio Lower Upper
59 100
57 1.0 8.2 12.4#

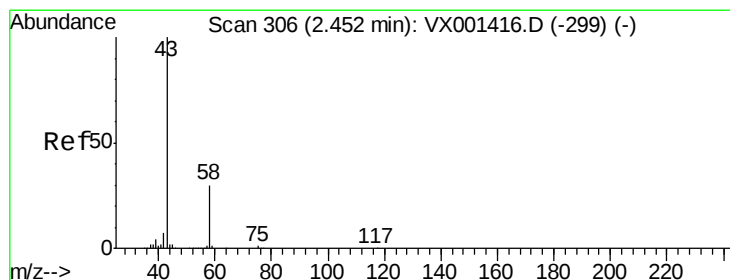
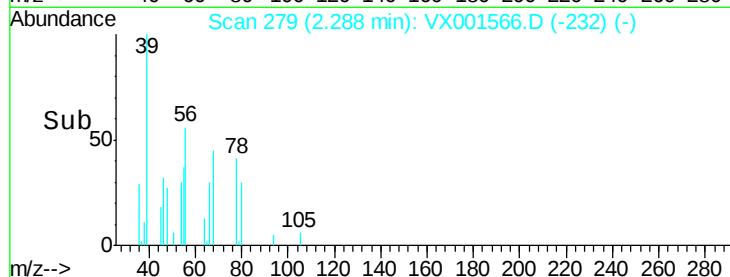
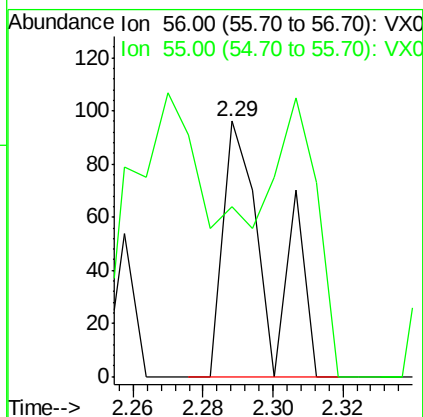
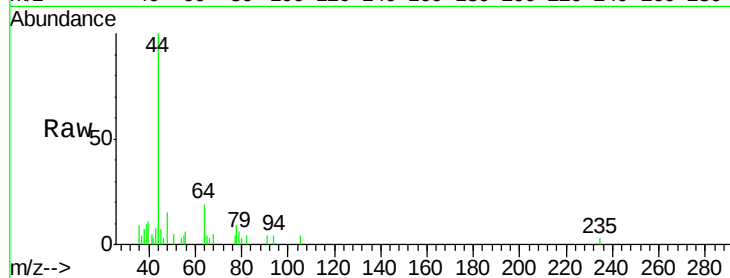




#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001566.D
Acq: 09 May 2018 20:13

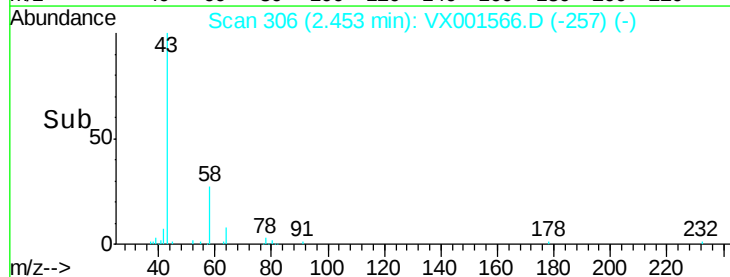
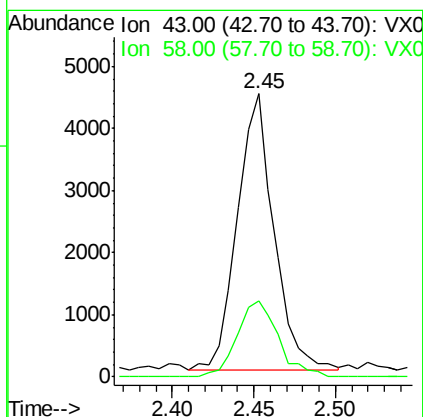
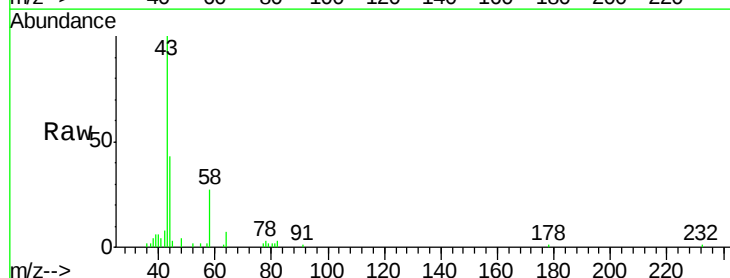
Instrument :
MSVOA_X
ClientSampled :
RAV-MW-6

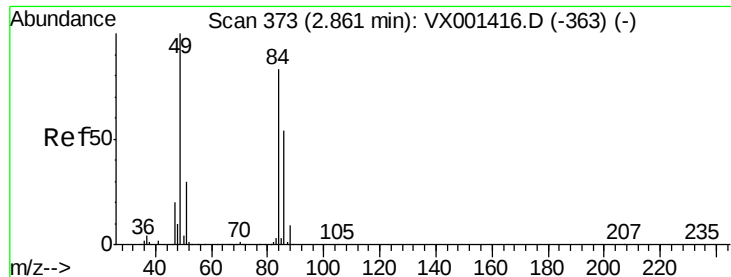
Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 107.0 54.5 81.7#



#16
Acetone
Concen: 4.73 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001566.D
Acq: 09 May 2018 20:13

Tgt Ion: 43 Resp: 6934
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.8



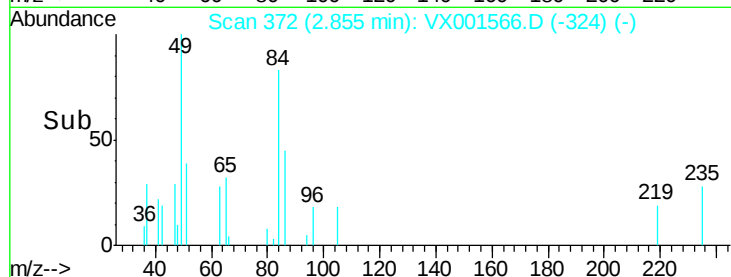
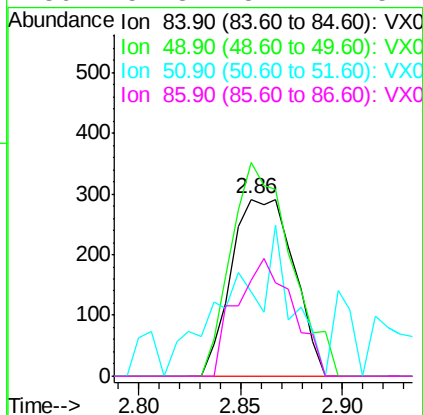
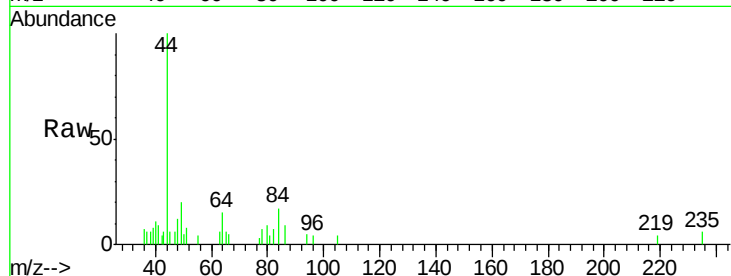


#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001566.D
Acq: 09 May 2018 20:13

Instrument :
MSVOA_X
ClientSampled :
RAV-MW-6

Tgt Ion: 84 Resp: 620

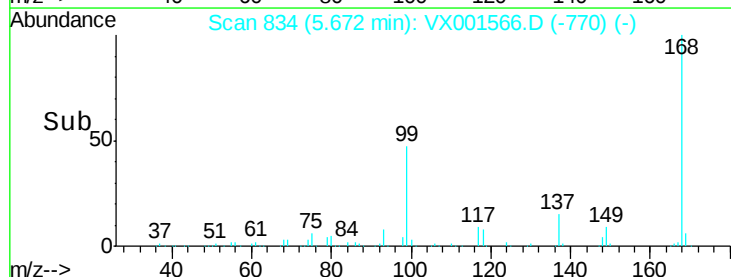
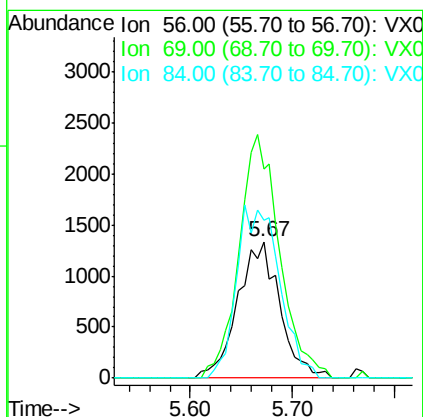
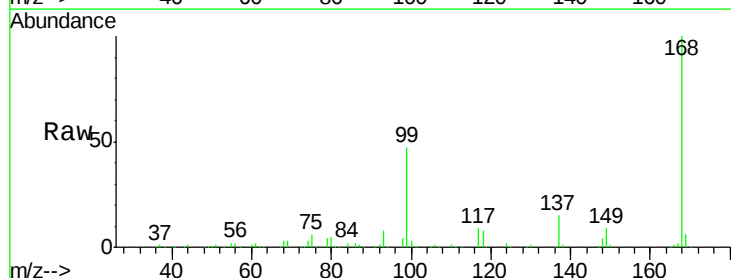
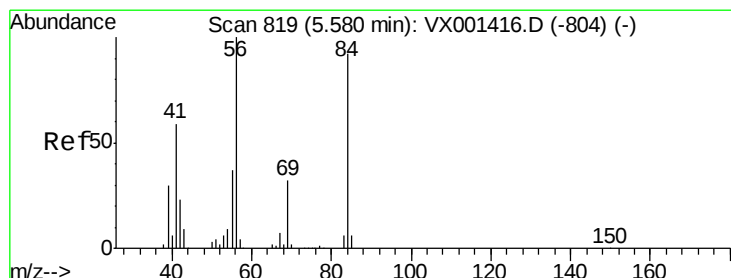
Ion	Ratio	Lower	Upper
84	100		
49	121.0	96.6	144.8
51	22.3	29.0	43.4#
86	54.3	52.2	78.4

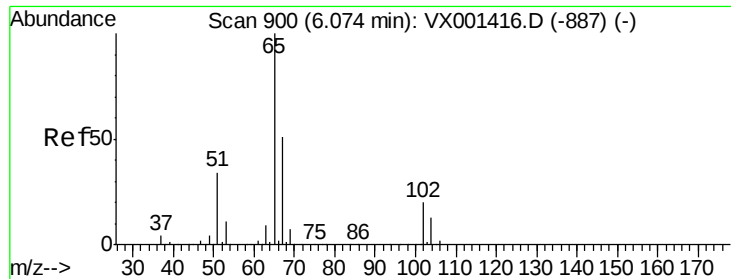


#31
Cyclohexane
Concen: 0.92 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001566.D
Acq: 09 May 2018 20:13

Tgt Ion: 56 Resp: 3813

Ion	Ratio	Lower	Upper
56	100		
69	152.9	25.4	38.0#
84	115.4	73.8	110.8#

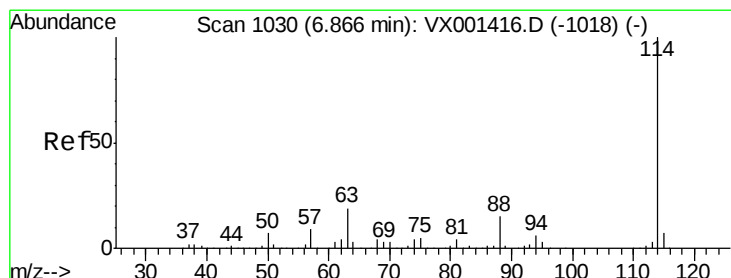
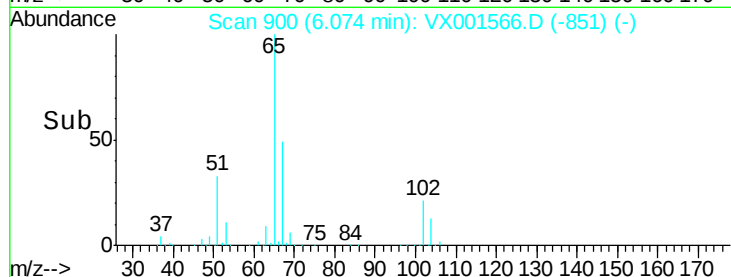
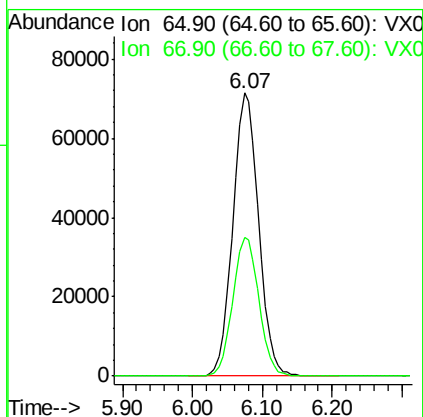
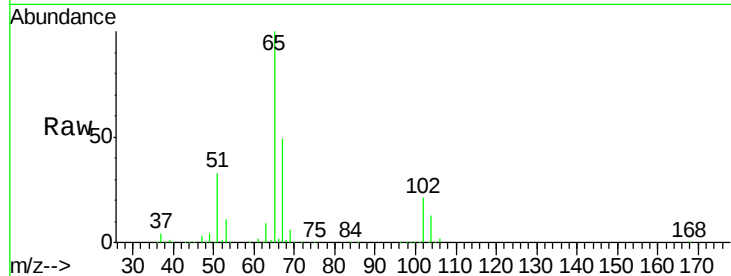




#33
 1,2-Dichloroethane-d4
 Concen: 56.58 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001566.D
 Acq: 09 May 2018 20:13

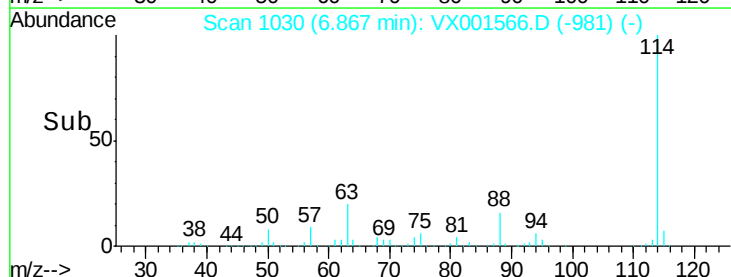
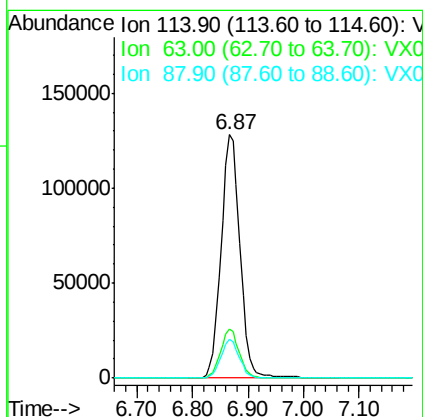
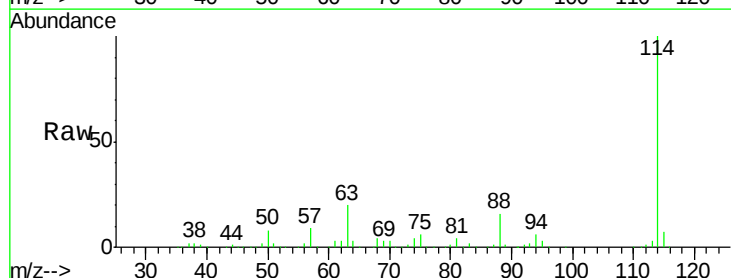
Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-MW-6

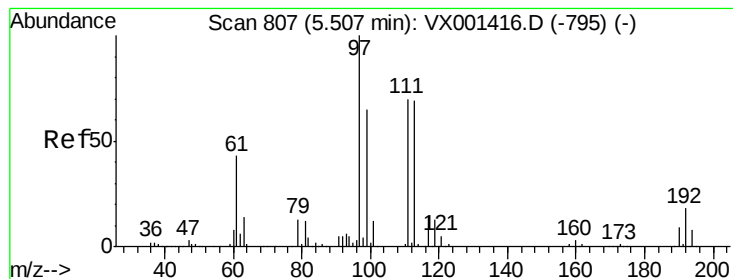
Tgt Ion: 65 Resp: 182804
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001566.D
 Acq: 09 May 2018 20:13

Tgt Ion: 114 Resp: 302297
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.6
 88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.39 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001566.D

Acq: 09 May 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

RAV-MW-6

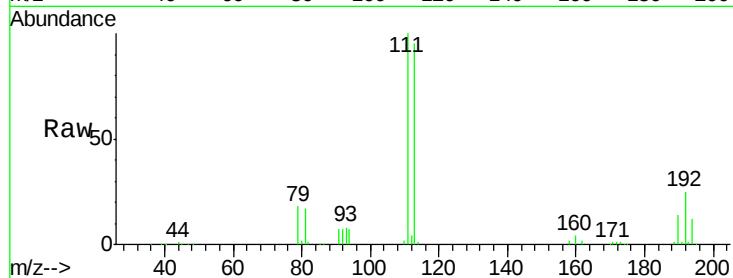
Tgt Ion:113 Resp: 140873

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

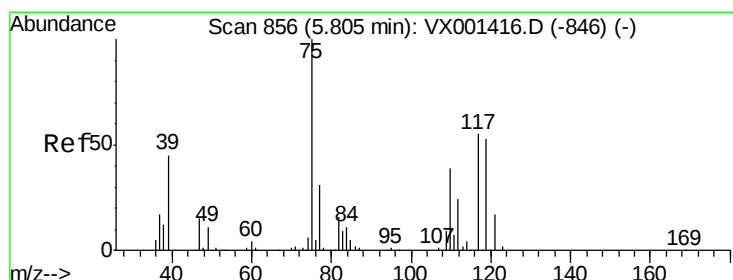
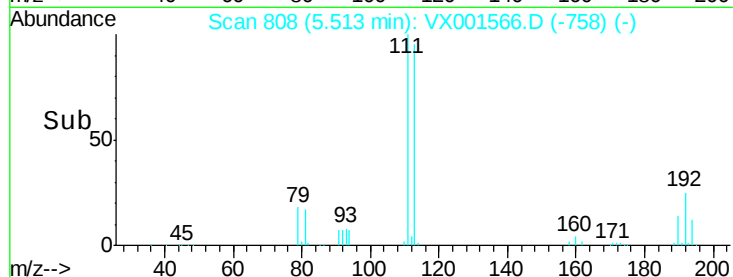
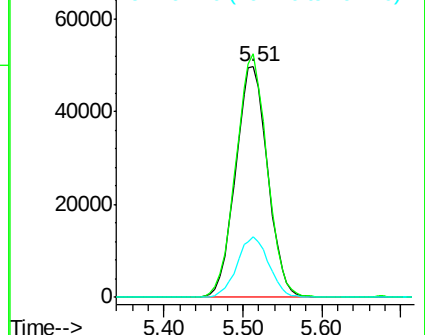
192 26.1 21.4 32.0



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: 3.66 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001566.D

Acq: 09 May 2018 20:13

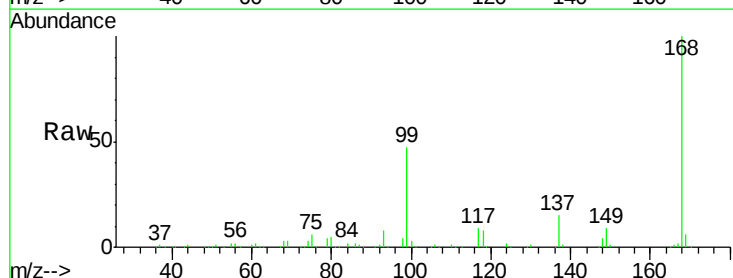
Tgt Ion: 75 Resp: 14064

Ion Ratio Lower Upper

75 100

110 10.3 18.9 56.7#

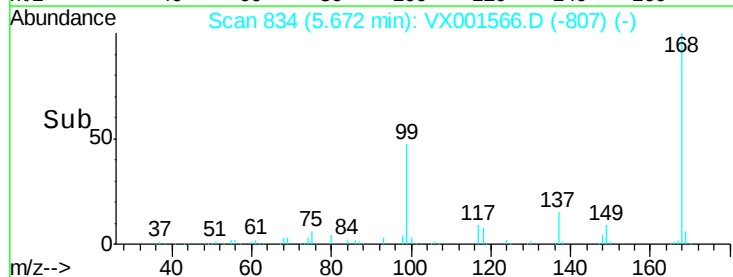
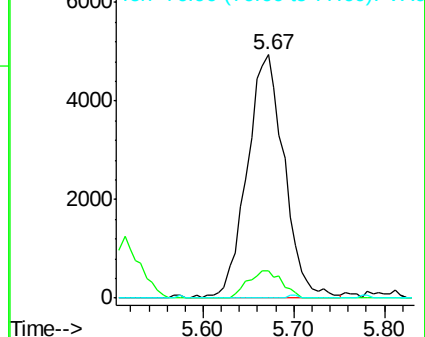
77 0.0 24.9 37.3#

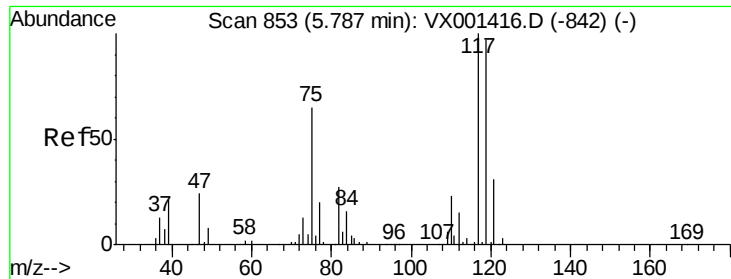


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

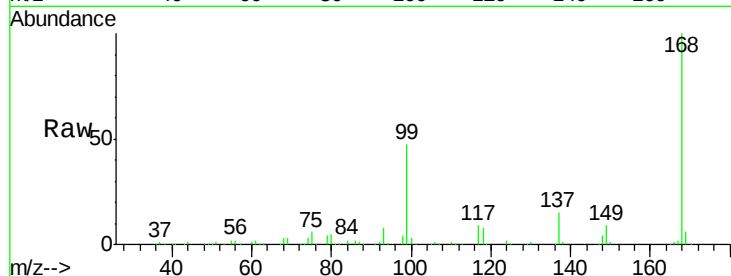




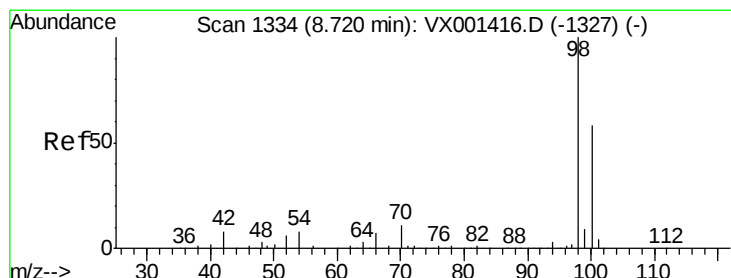
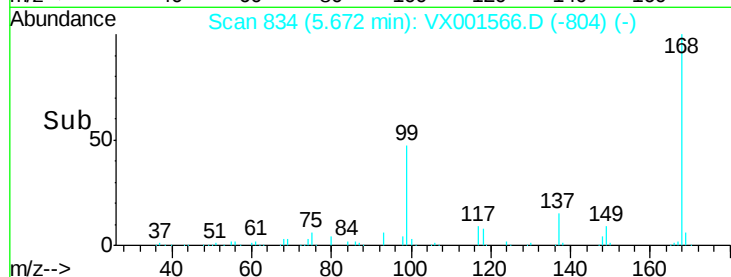
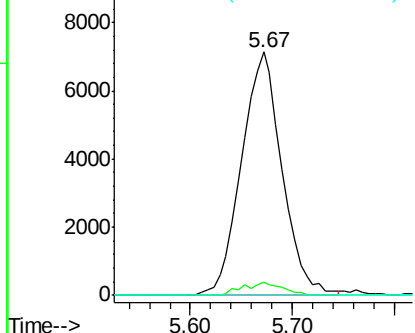
#38
Carbon Tetrachloride
Concen: 4.80 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001566.D
Acq: 09 May 2018 20:13

Instrument :
MSVOA_X
ClientSampleId :
RAV-MW-6

Tgt Ion: 117 Resp: 19679
Ion Ratio Lower Upper
117 100
119 5.3 77.0 115.6#
121 0.0 25.1 37.7#

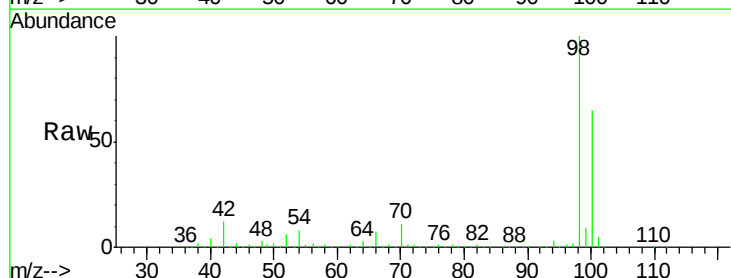


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

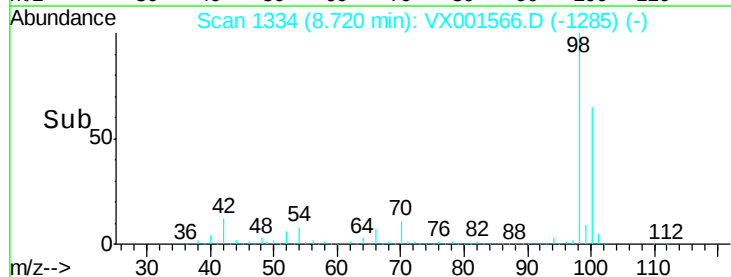
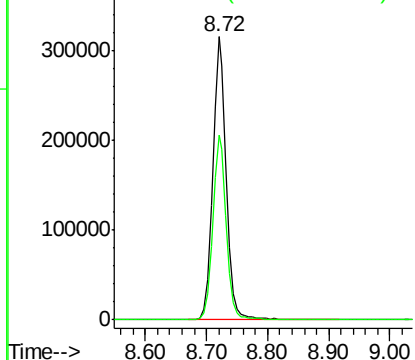


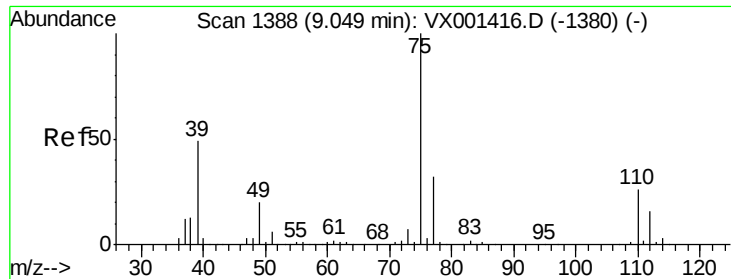
#50
Toluene-d8
Concen: 50.56 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001566.D
Acq: 09 May 2018 20:13

Tgt Ion: 98 Resp: 496273
Ion Ratio Lower Upper
98 100
100 65.8 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

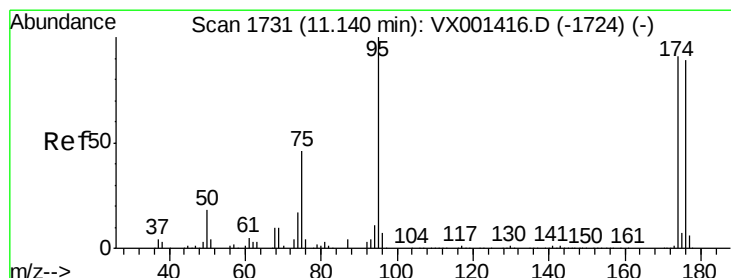
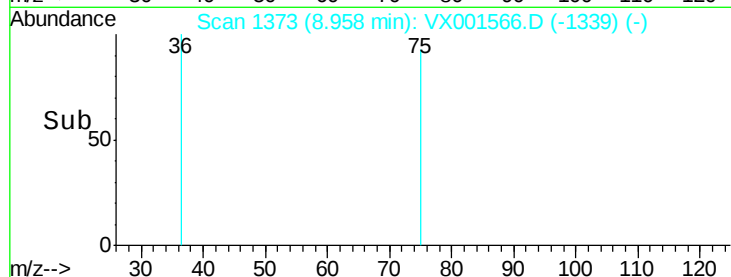
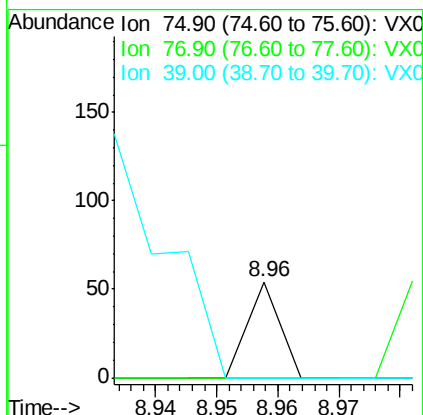
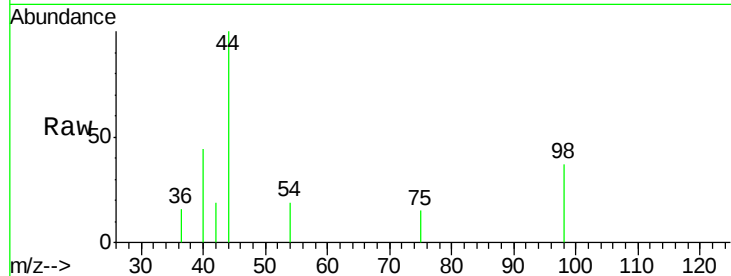




#54
 cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 8.96 min Scan# 1373
 Delta R.T. -0.09 min
 Lab File: VX001566.D
 Acq: 09 May 2018 20:13

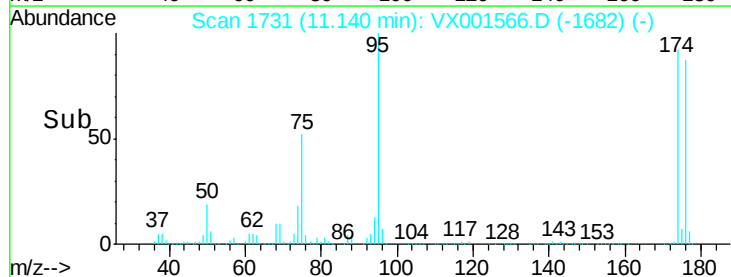
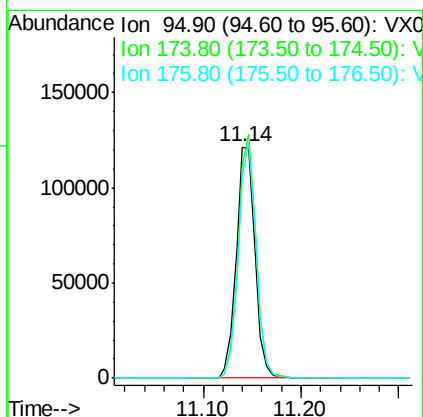
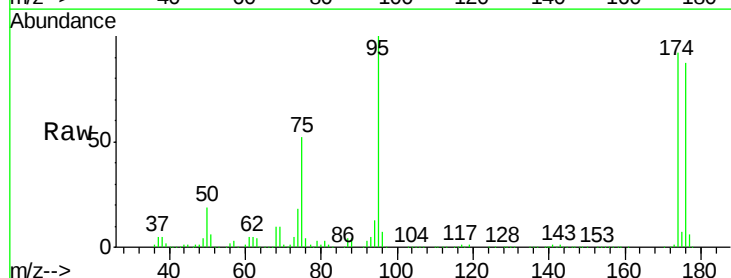
Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-MW-6

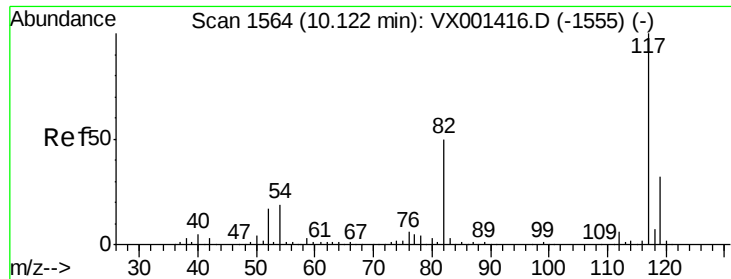
Tgt Ion: 75 Resp: 20
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 0.0 38.9 58.3#



#62
 4-Bromofluorobenzene
 Concen: 42.68 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001566.D
 Acq: 09 May 2018 20:13

Tgt Ion: 95 Resp: 160798
 Ion Ratio Lower Upper
 95 100
 174 100.3 0.0 202.0
 176 96.6 0.0 197.4

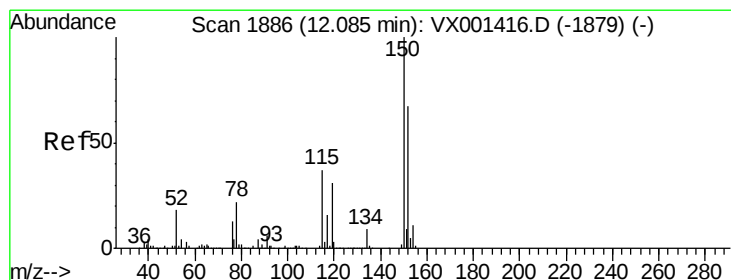
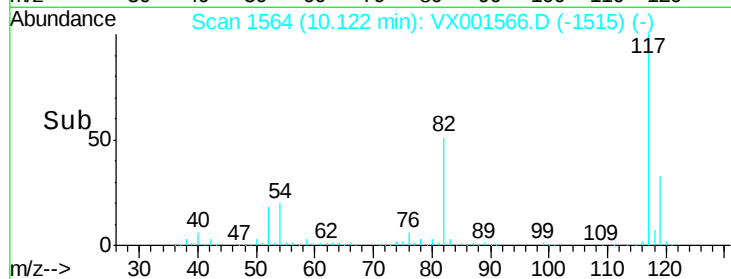
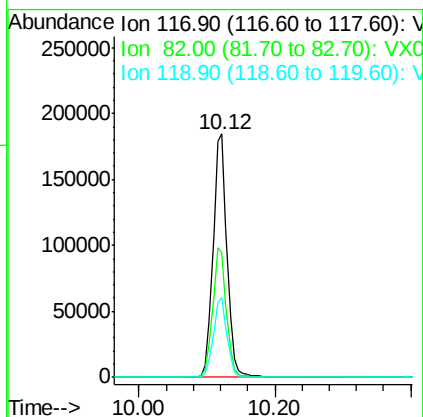
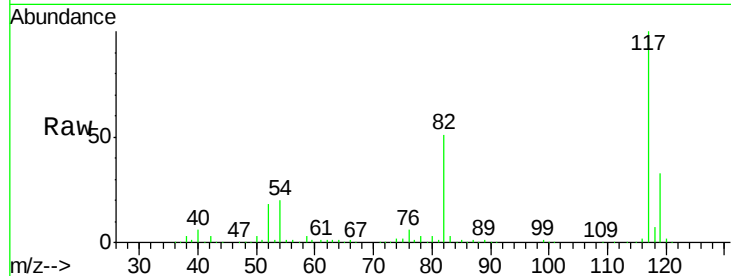




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001566.D
Acq: 09 May 2018 20:13

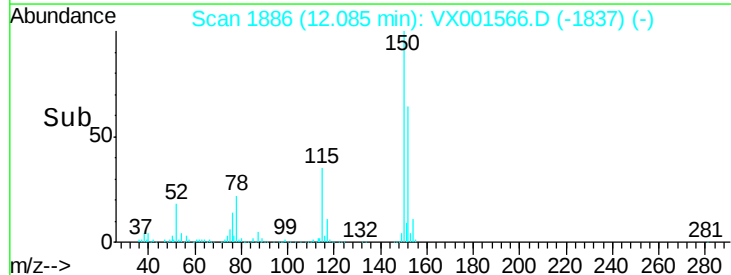
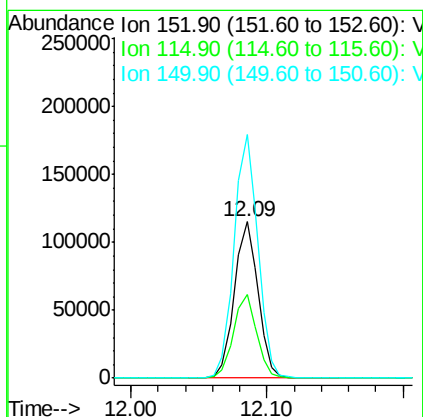
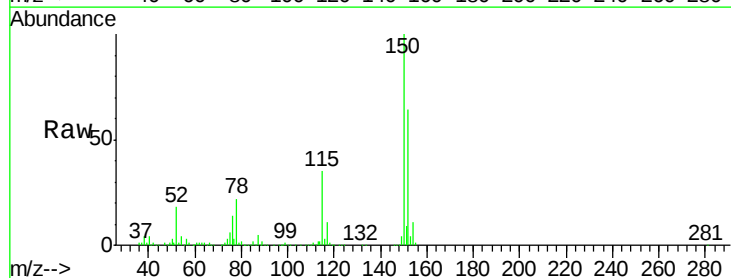
Instrument :
MSVOA_X
ClientSampleId :
RAV-MW-6

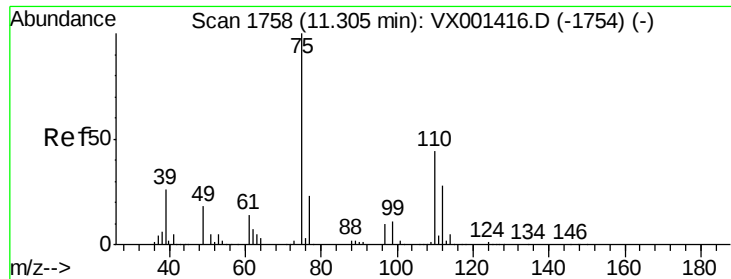
Tgt Ion:117 Resp: 261387
Ion Ratio Lower Upper
117 100
82 50.9 40.0 60.0
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001566.D
Acq: 09 May 2018 20:13

Tgt Ion:152 Resp: 139738
Ion Ratio Lower Upper
152 100
115 52.5 37.7 113.1
150 155.8 0.0 349.4

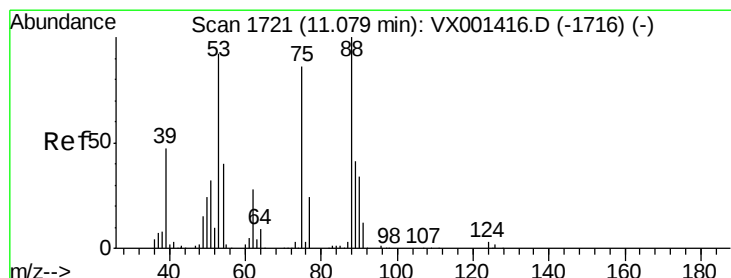
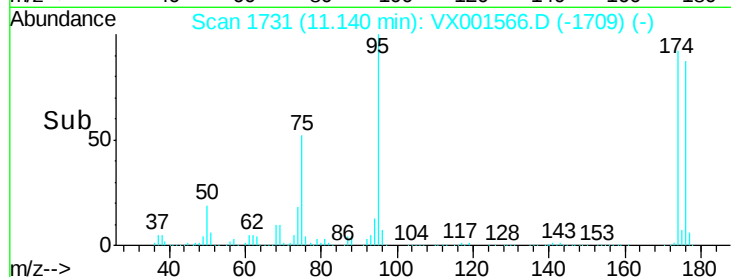
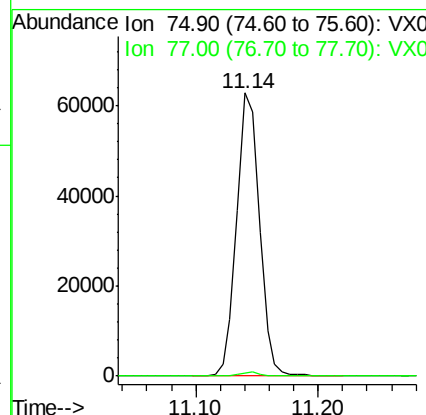
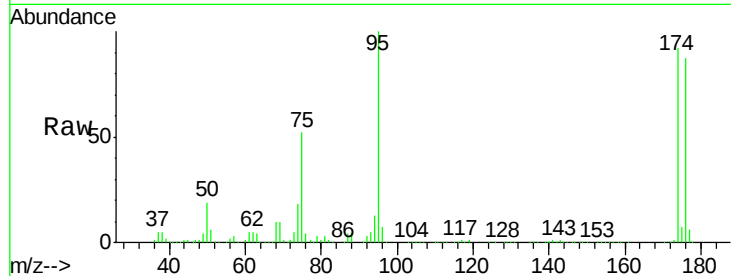




#76
 1,2,3-Trichloropropane
 Concen: 28.51 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001566.D
 Acq: 09 May 2018 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-MW-6

Tgt Ion: 75 Resp: 80789
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.38 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001566.D
 Acq: 09 May 2018 20:13

Tgt Ion: 75 Resp: 80789
 Ion Ratio Lower Upper
 75 100
 53 0.1 84.5 126.7#
 89 0.0 39.5 59.3#

