

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
 Data File : VX001474.D
 Acq On : 07 May 2018 18:54
 Operator : JC/MD
 Sample : J2569-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20180429

Quant Time: May 08 06:08:37 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	257070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159323	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	211401	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.42%	
35) Dibromofluoromethane	5.51	113	165292	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
50) Toluene-d8	8.72	98	578240	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.14	95	187411	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	

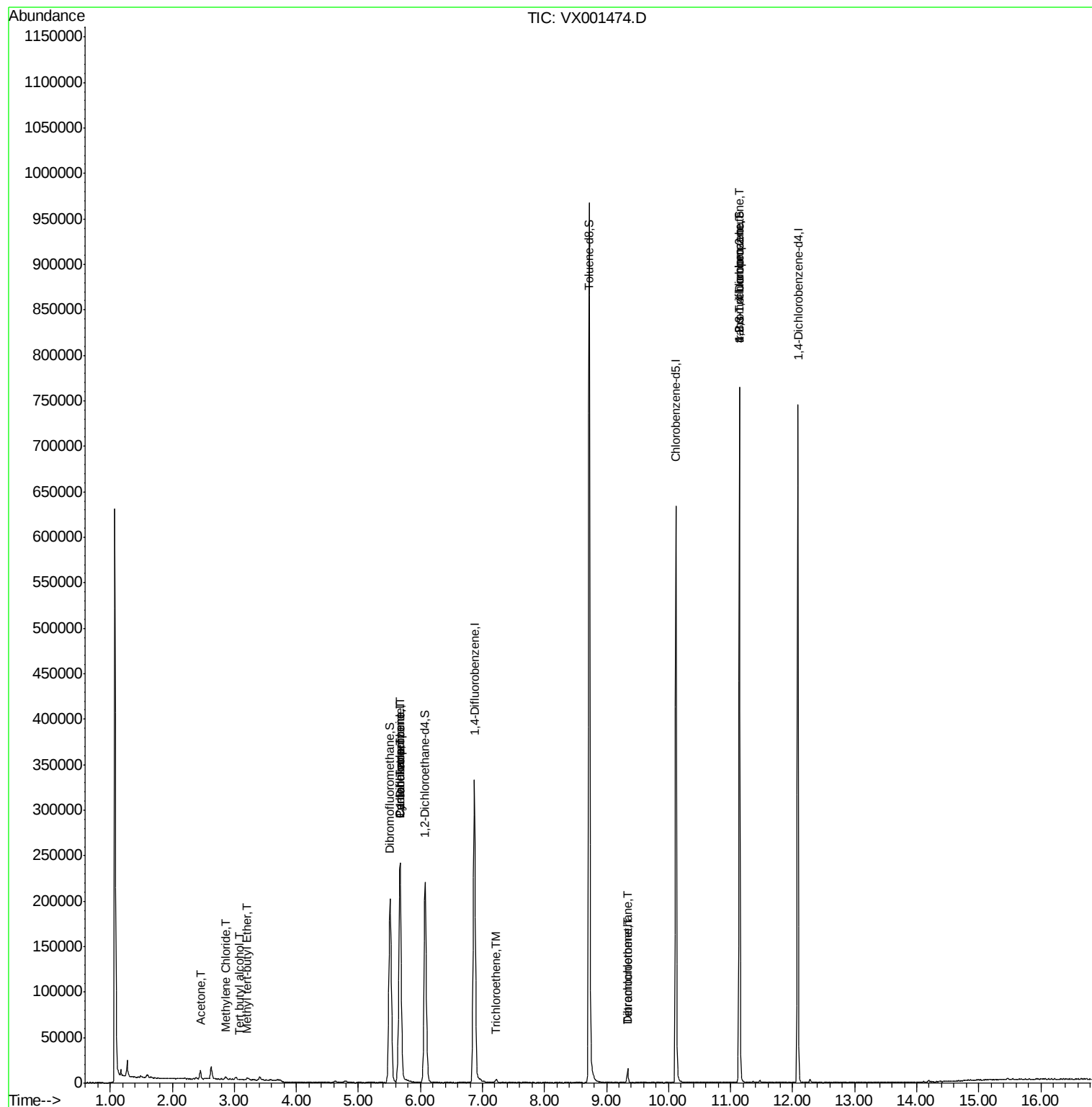
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	774	Below Cal	#	80
11) Tert butyl alcohol	3.08	59	474	0.61	ug/l	96
13) Acrolein	2.29	56	99	Below Cal	#	14
16) Acetone	2.45	43	10414	6.21	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	2534	0.26	ug/l	94
20) Methylene Chloride	2.85	84	1283	0.39	ug/l	# 77
31) Cyclohexane	5.67	56	4419	0.93	ug/l	# 48
36) 1,1-Dichloropropene	5.67	75	15444	3.49	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	21728	4.61	ug/l	# 15
44) Trichloroethene	7.22	130	1500	0.38	ug/l	95
60) Dibromochloromethane	9.34	129	2809	0.81	ug/l	# 11
64) Tetrachloroethene	9.34	164	3241	0.78	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	95153	29.45	ug/l	# 38
81) trans-1,4-Dichloro-2-buten	11.14	75	95153	90.13	ug/l	# 7

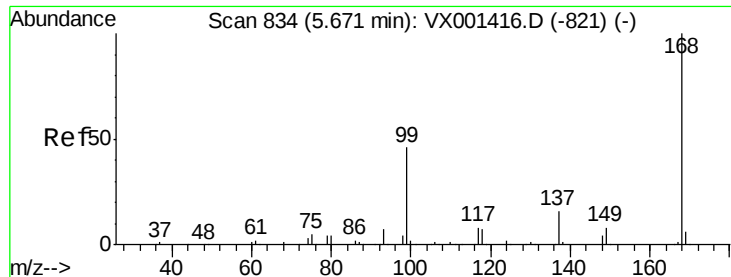
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 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: VX001474.D

Acq: 07 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

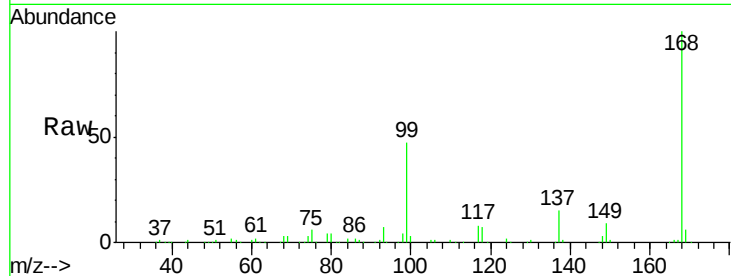
BPS1-TT-MW309D-20180429

Tgt Ion:168 Resp: 257070

Ion Ratio Lower Upper

168 100

99 46.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

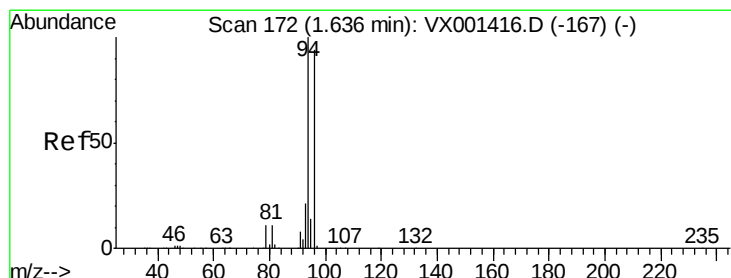
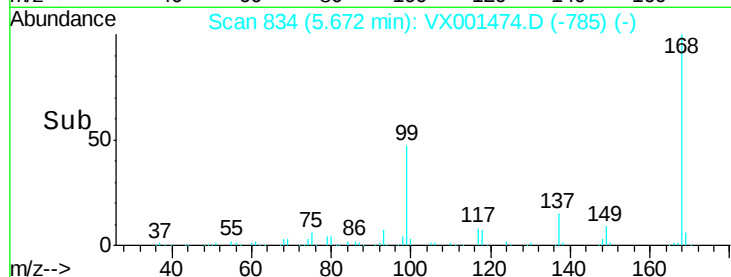
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001474.D

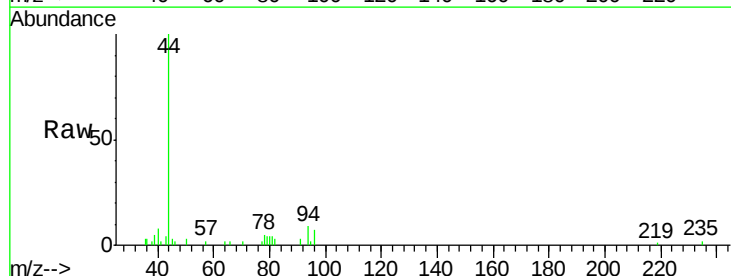
Acq: 07 May 2018 18:54

Tgt Ion: 94 Resp: 774

Ion Ratio Lower Upper

94 100

96 74.6 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

300

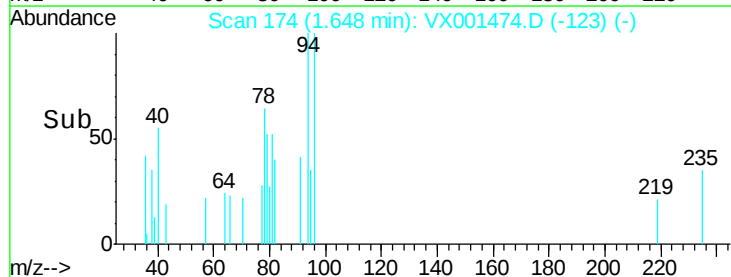
200

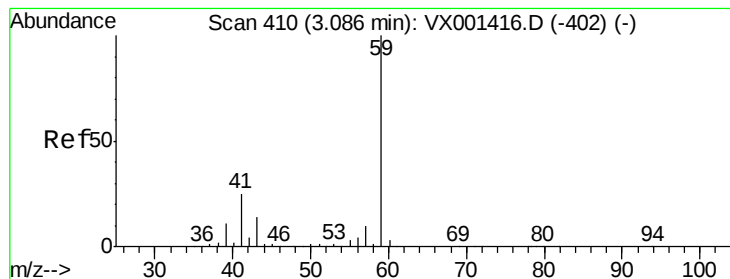
100

0

Time-->

1.60 1.65 1.70



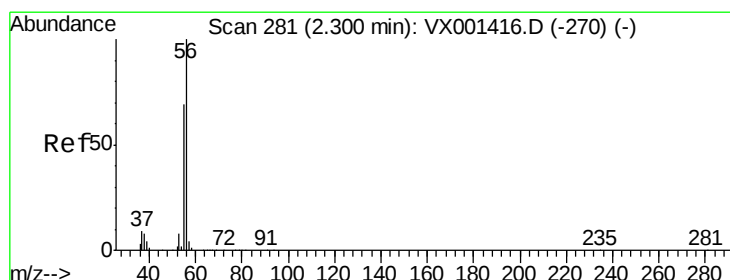
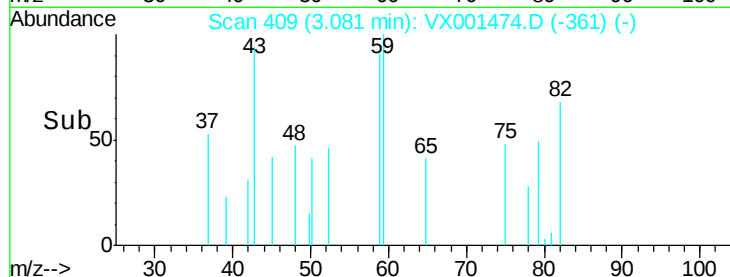
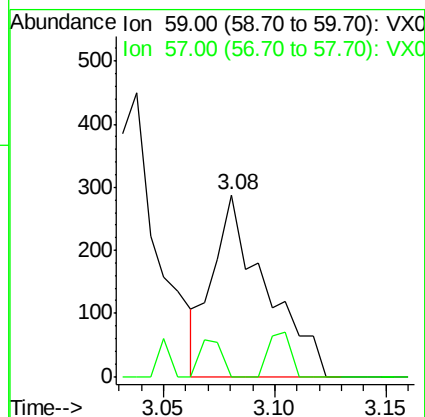
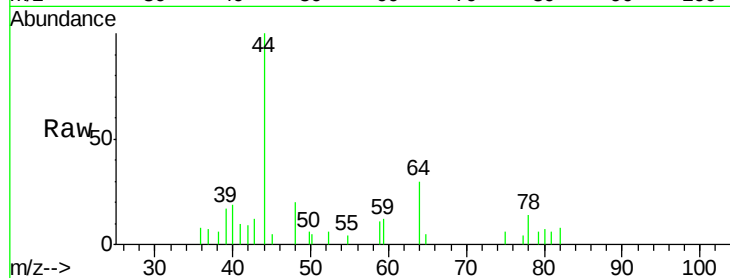


#11

Tert butyl alcohol
 Concen: 0.61 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX001474.D
 Acq: 07 May 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20180429

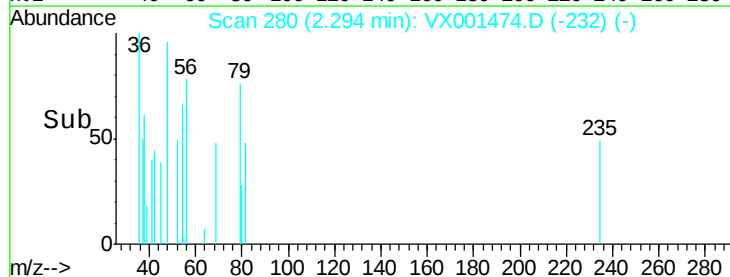
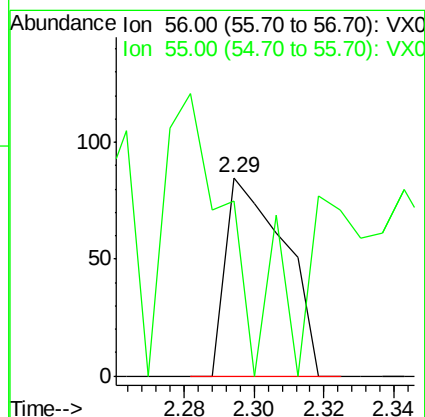
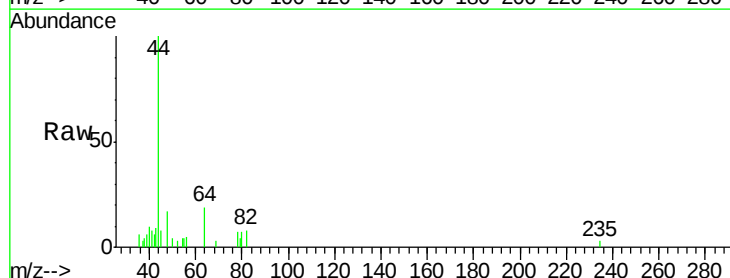
Tgt Ion: 59 Resp: 474
 Ion Ratio Lower Upper
 59 100
 57 8.6 8.2 12.4

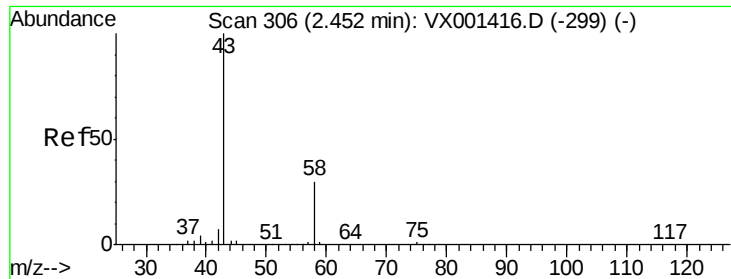


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 280
 Delta R.T. -0.01 min
 Lab File: VX001474.D
 Acq: 07 May 2018 18:54

Tgt Ion: 56 Resp: 99
 Ion Ratio Lower Upper
 56 100
 55 137.4 54.5 81.7#





#16

Acetone

Concen: 6.21 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001474.D

Acq: 07 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

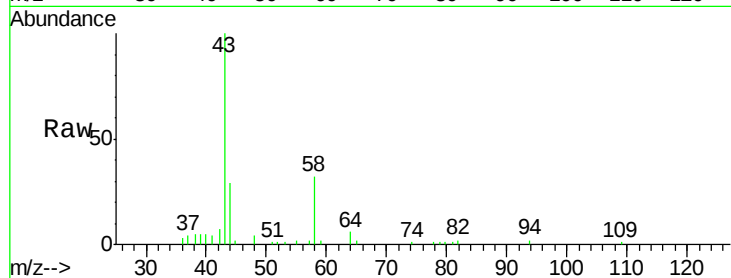
BPS1-TT-MW309D-20180429

Tgt Ion: 43 Resp: 10414

Ion Ratio Lower Upper

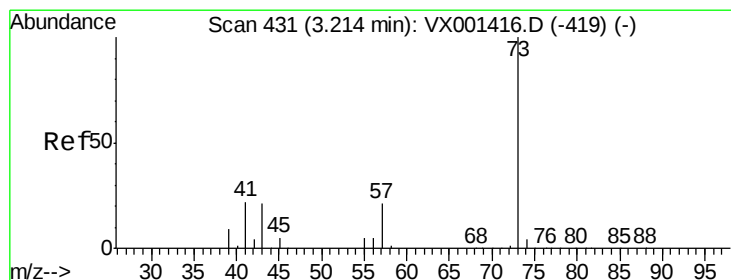
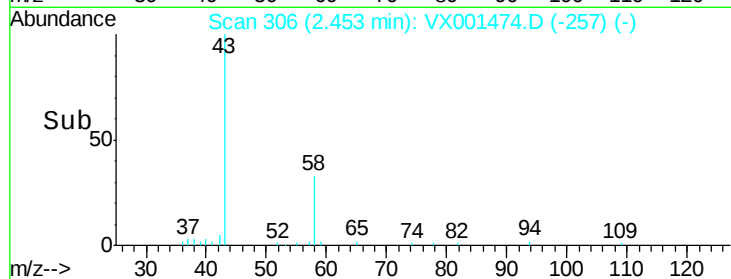
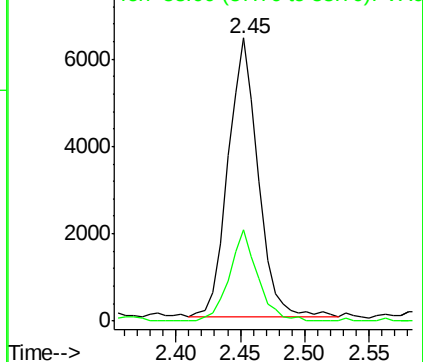
43 100

58 32.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 0.26 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX001474.D

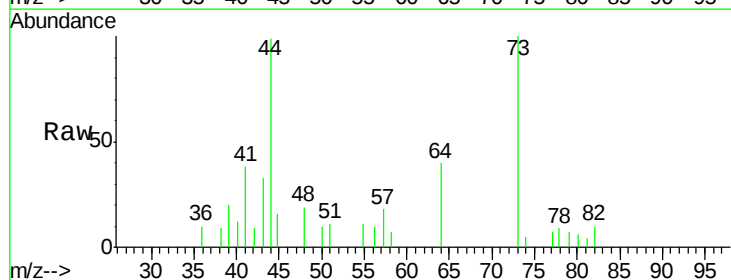
Acq: 07 May 2018 18:54

Tgt Ion: 73 Resp: 2534

Ion Ratio Lower Upper

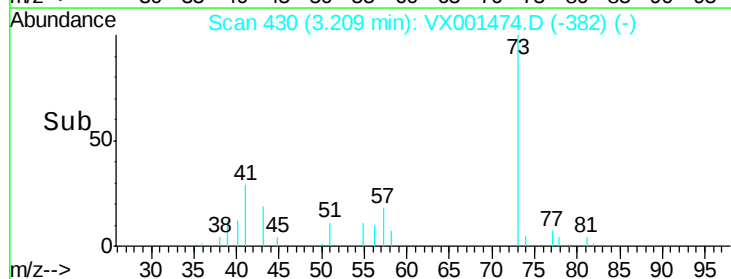
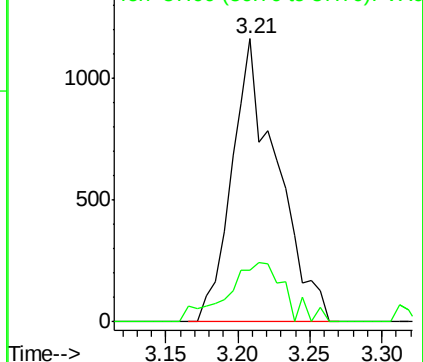
73 100

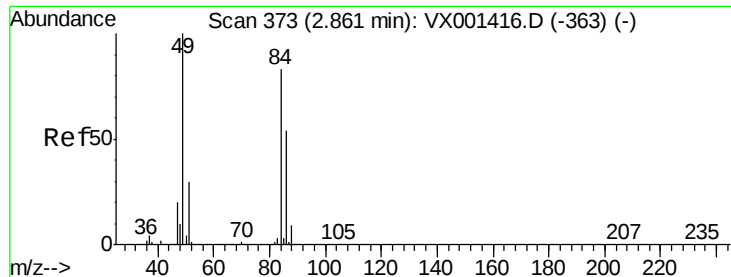
57 18.3 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

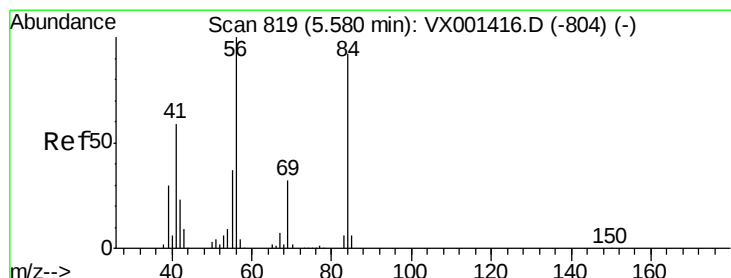
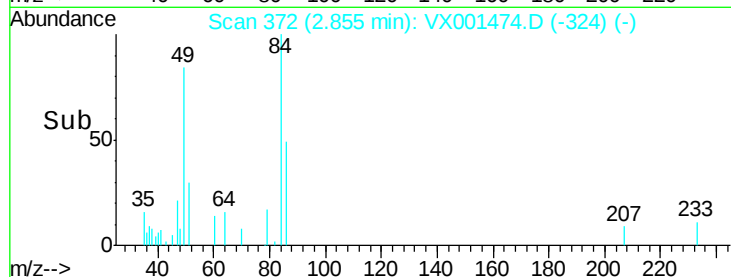
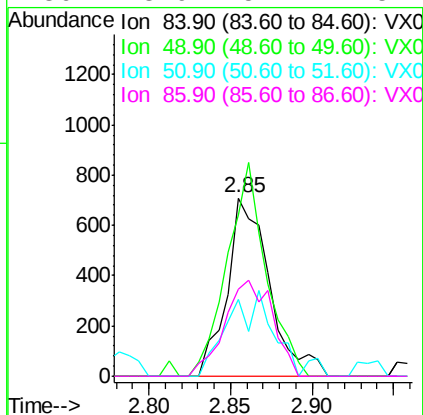
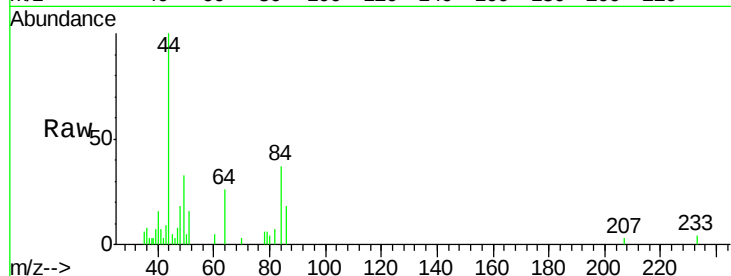




#20
Methylene Chloride
Concen: 0.39 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001474.D
Acq: 07 May 2018 18:54

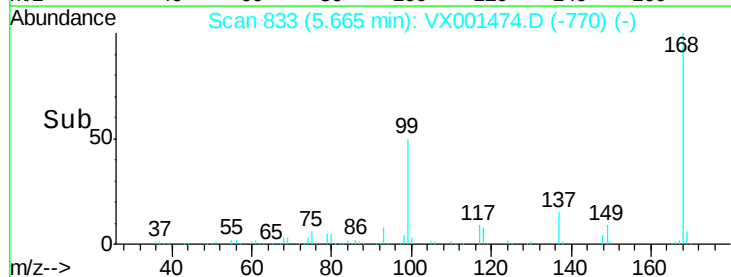
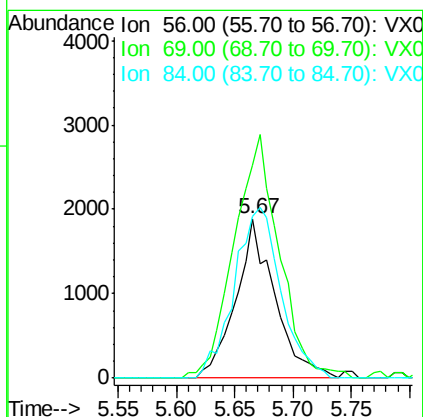
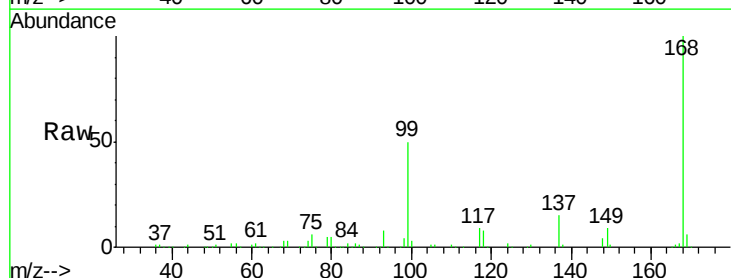
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20180429

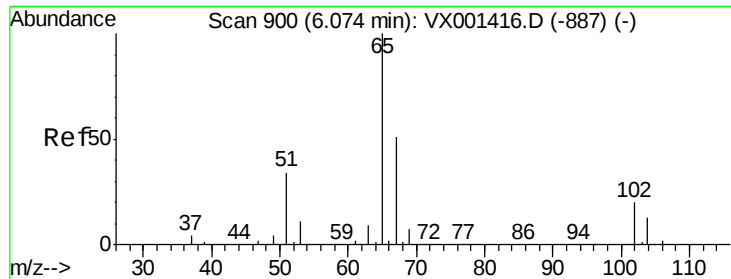
Tgt Ion: 84 Resp: 1283
Ion Ratio Lower Upper
84 100
49 90.7 96.6 144.8#
51 42.7 29.0 43.4
86 48.9 52.2 78.4#



#31
Cyclohexane
Concen: 0.93 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001474.D
Acq: 07 May 2018 18:54

Tgt Ion: 56 Resp: 4419
Ion Ratio Lower Upper
56 100
69 130.6 25.4 38.0#
84 101.1 73.8 110.8

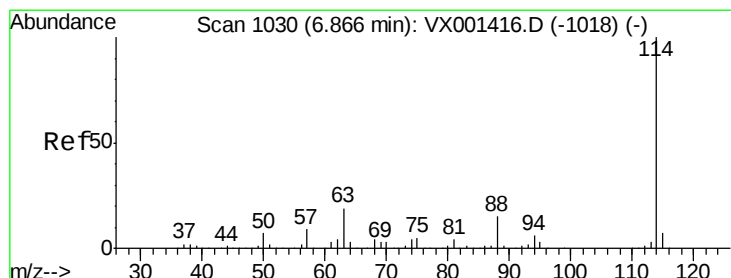
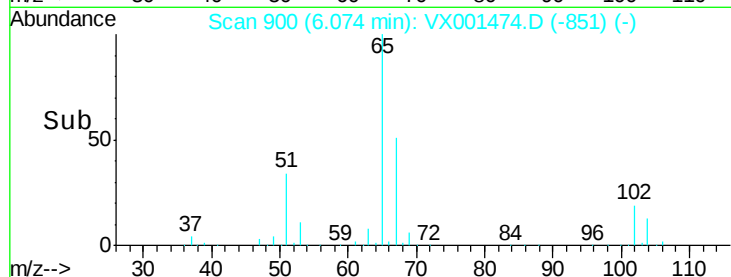
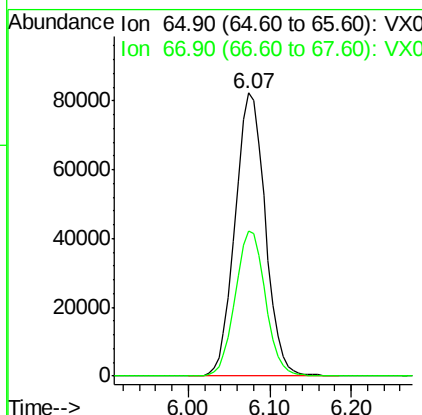
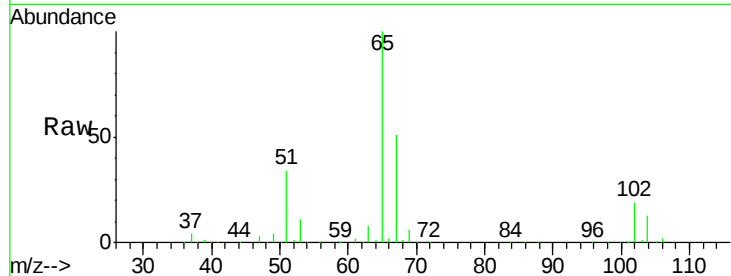




#33
 1,2-Dichloroethane-d4
 Concen: 57.21 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001474.D
 Acq: 07 May 2018 18:54

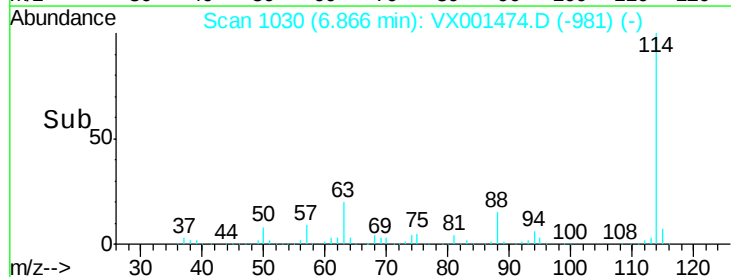
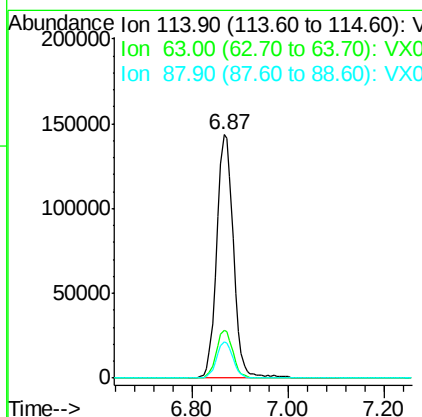
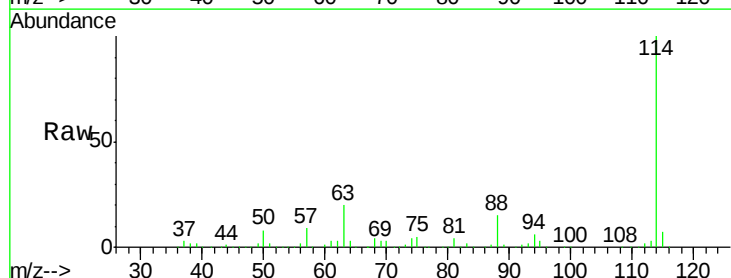
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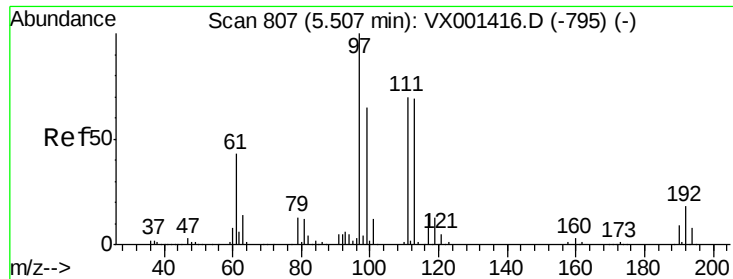
Tgt Ion: 65 Resp: 211401
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001474.D
 Acq: 07 May 2018 18:54

Tgt Ion: 114 Resp: 347670
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 14.9 0.0 30.8

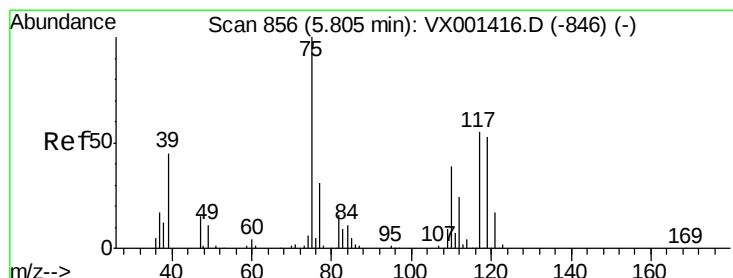
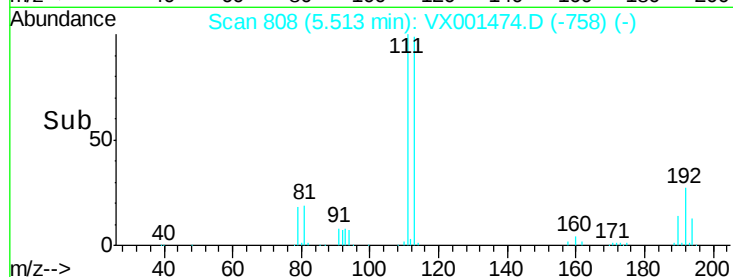
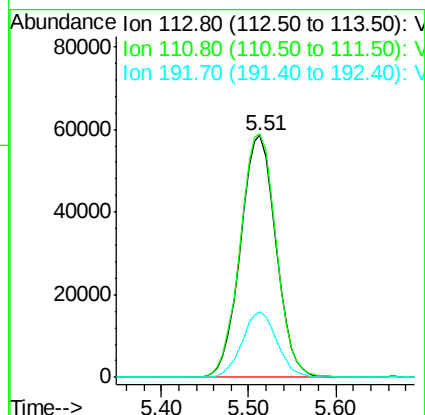
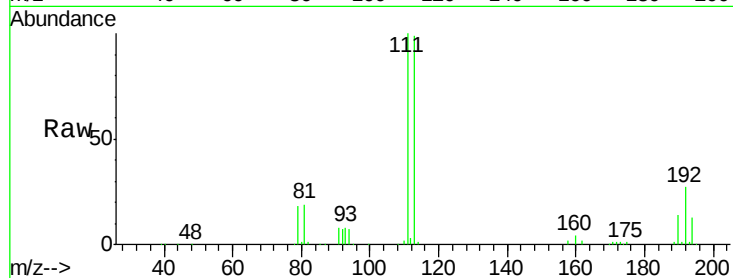




#35
 Dibromofluoromethane
 Concen: 53.45 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001474.D
 Acq: 07 May 2018 18:54

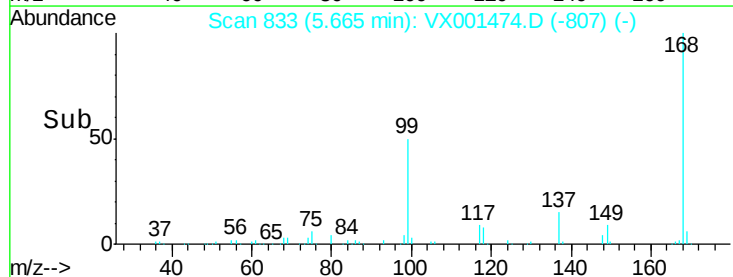
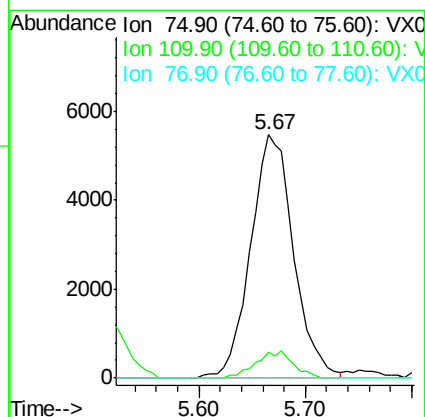
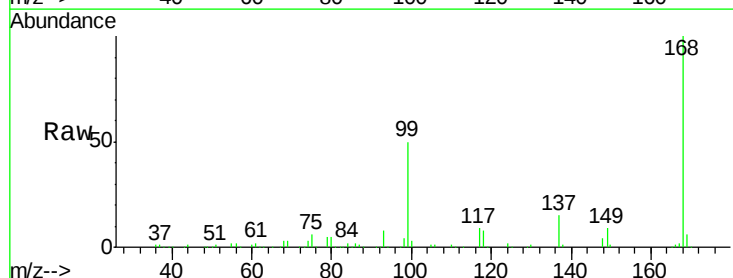
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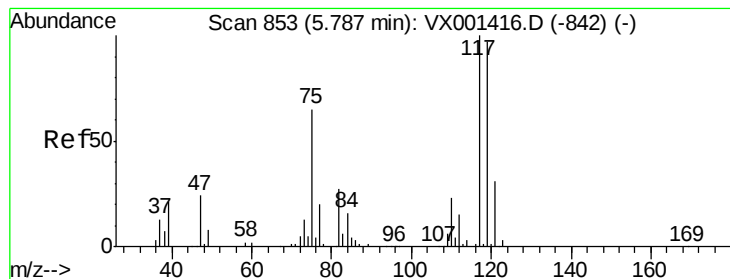
Tgt Ion:113 Resp: 165292
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 26.6 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.49 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001474.D
 Acq: 07 May 2018 18:54

Tgt Ion: 75 Resp: 15444
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.9 56.7#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.61 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001474.D

Acq: 07 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20180429

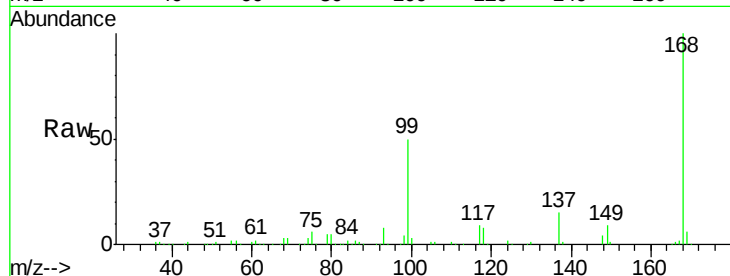
Tgt Ion:117 Resp: 21728

Ion Ratio Lower Upper

117 100

119 4.2 77.0 115.6#

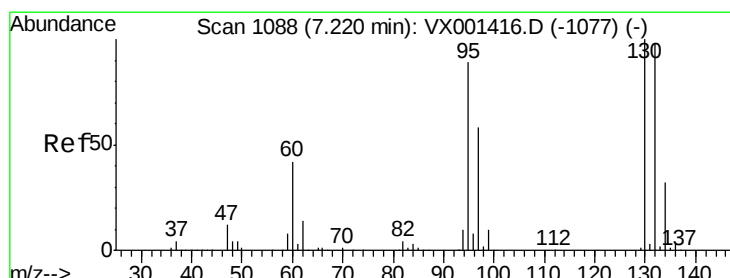
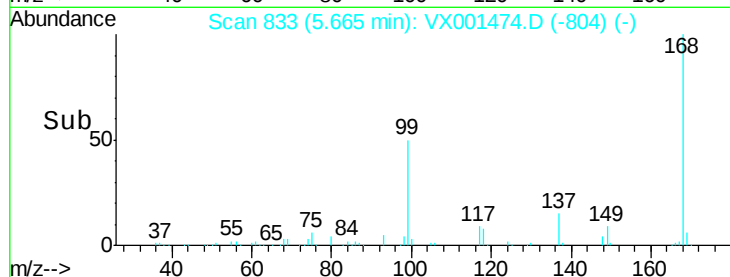
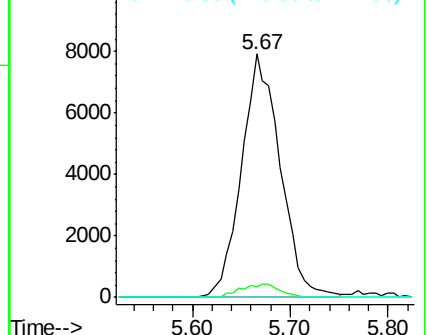
121 0.0 25.1 37.7#



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



#44

Trichloroethene

Concen: 0.38 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001474.D

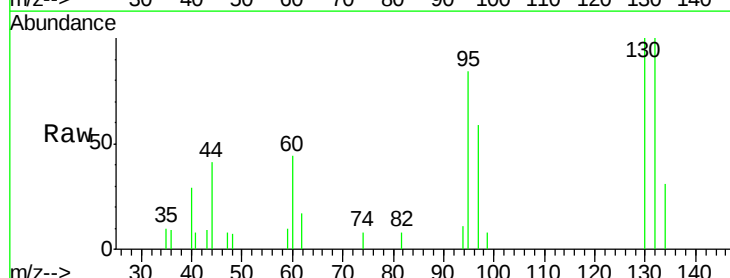
Acq: 07 May 2018 18:54

Tgt Ion:130 Resp: 1500

Ion Ratio Lower Upper

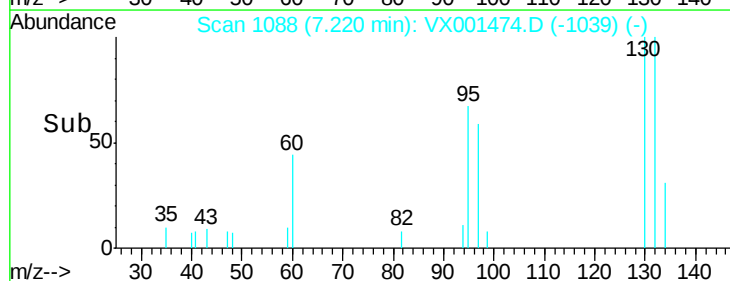
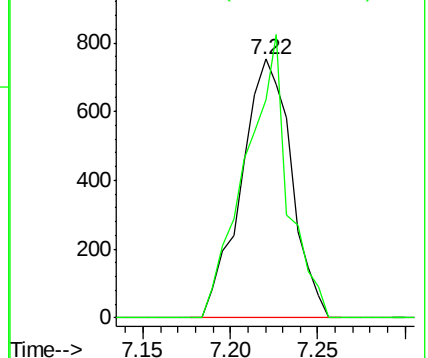
130 100

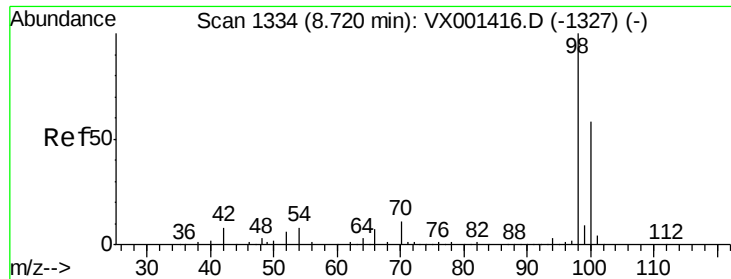
95 84.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

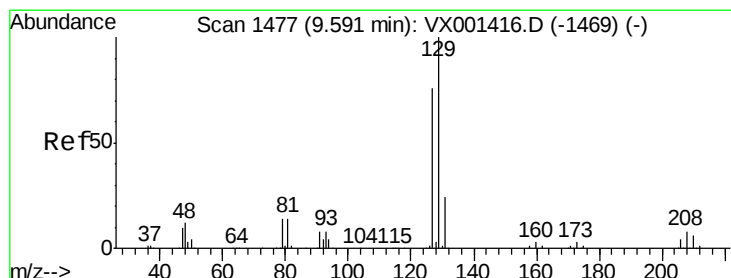
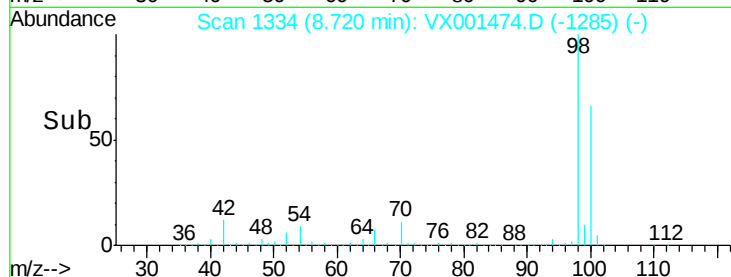
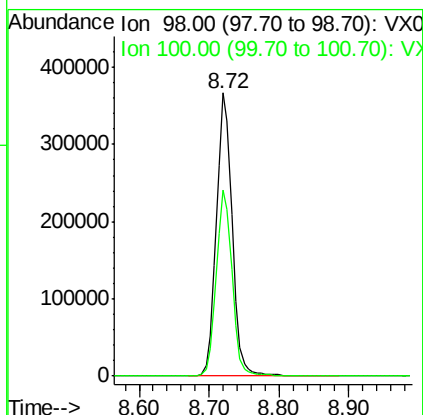
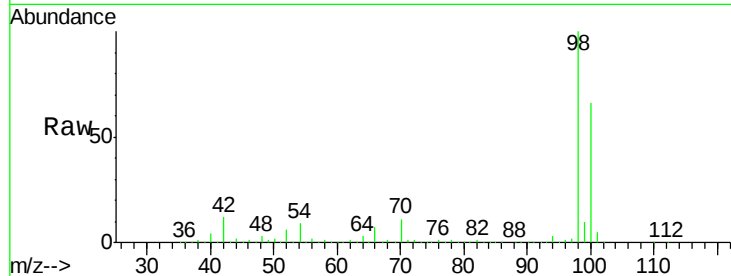




#50
Toluene-d8
Concen: 51.23 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001474.D
Acq: 07 May 2018 18:54

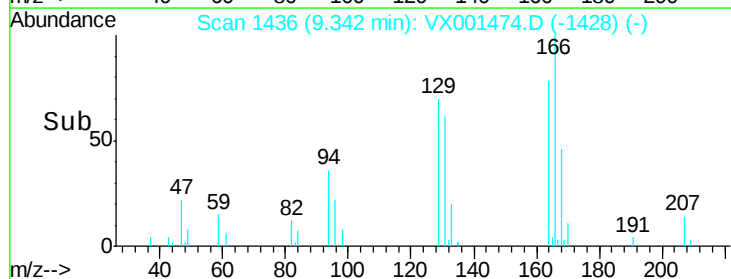
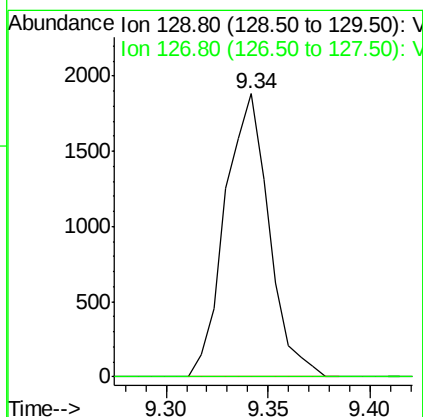
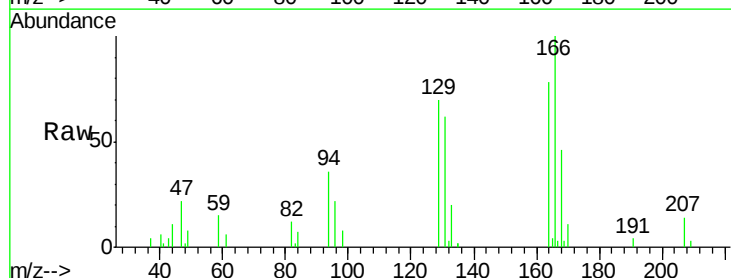
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20180429

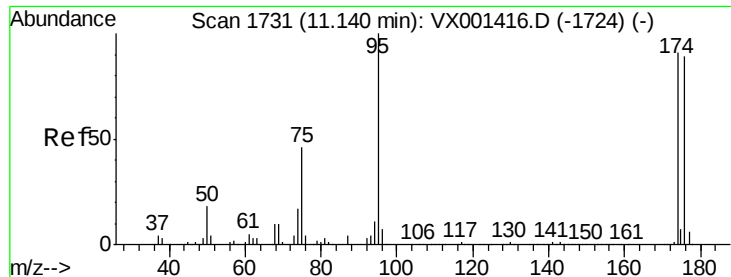
Tgt Ion: 98 Resp: 578240
Ion Ratio Lower Upper
98 100
100 66.0 54.0 81.0



#60
Dibromochloromethane
Concen: 0.81 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX001474.D
Acq: 07 May 2018 18:54

Tgt Ion: 129 Resp: 2809
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.5#

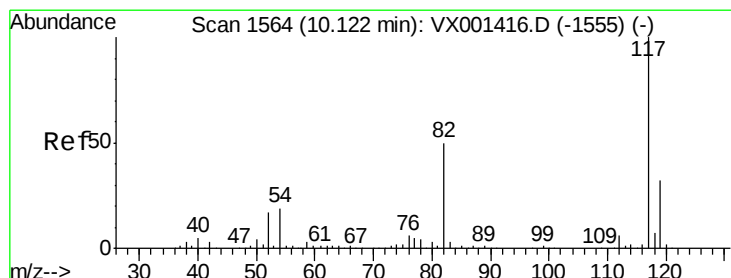
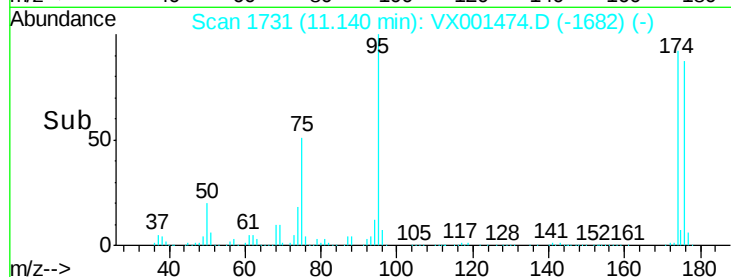
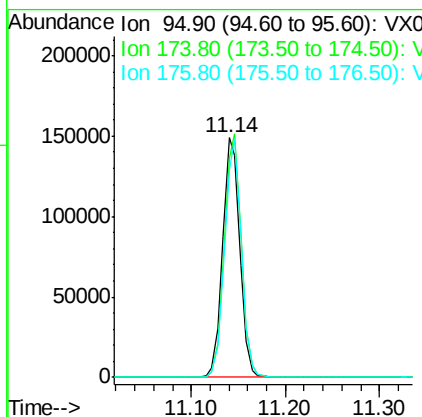
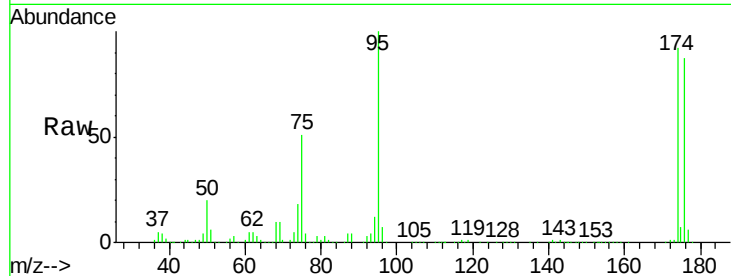




#62
4-Bromofluorobenzene
Concen: 43.25 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001474.D
Acq: 07 May 2018 18:54

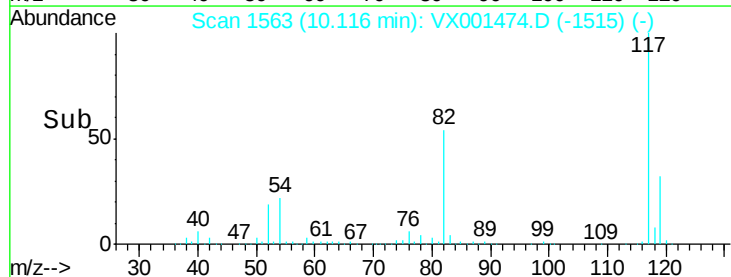
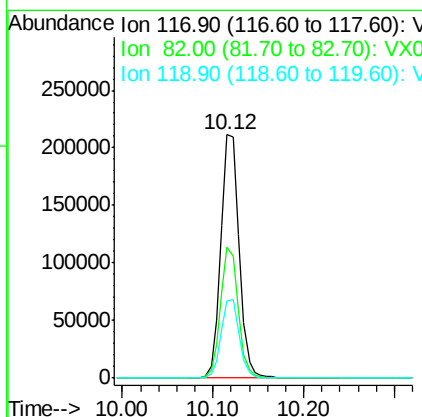
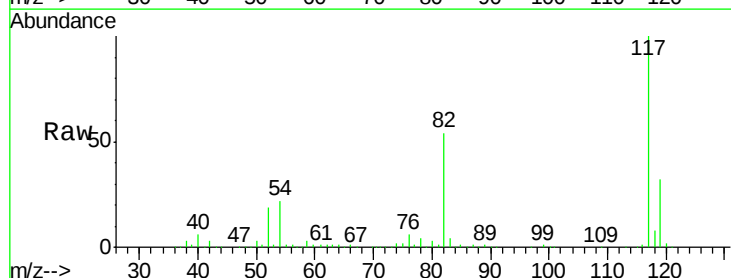
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20180429

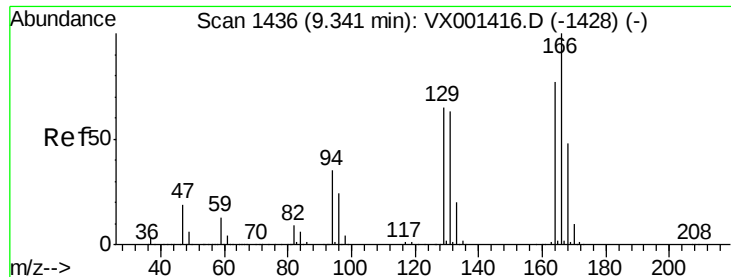
Tgt Ion: 95 Resp: 187411
Ion Ratio Lower Upper
95 100
174 100.5 0.0 202.0
176 96.9 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001474.D
Acq: 07 May 2018 18:54

Tgt Ion: 117 Resp: 298939
Ion Ratio Lower Upper
117 100
82 53.9 40.0 60.0
119 31.9 25.8 38.8





#64

Tetrachloroethene

Concen: 0.78 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001474.D

Acq: 07 May 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20180429

Tgt Ion:164 Resp: 3241

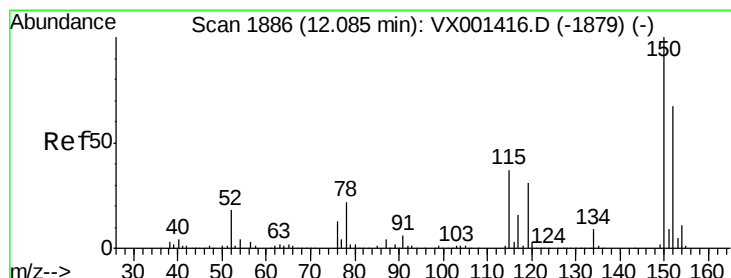
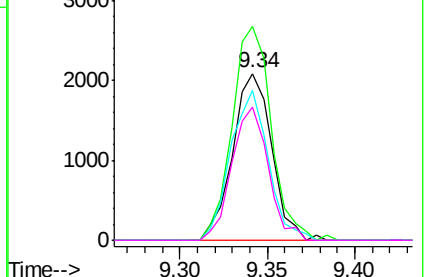
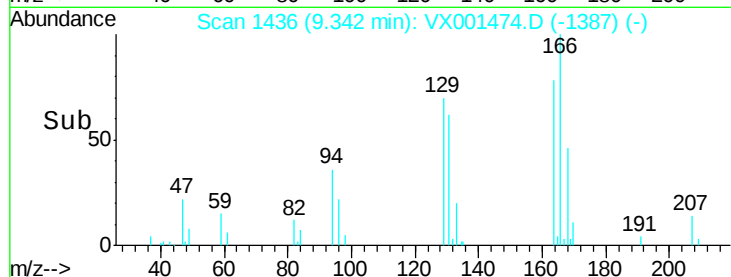
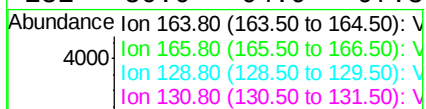
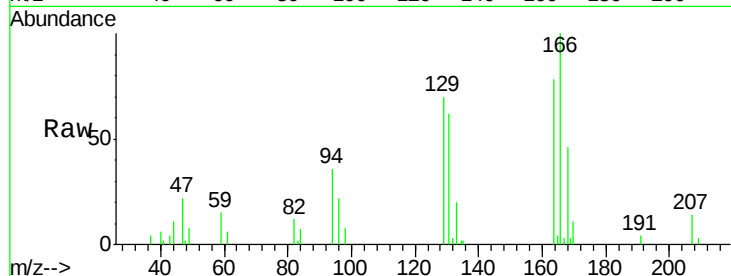
Ion Ratio Lower Upper

164 100

166 128.3 103.5 155.3

129 90.4 66.7 100.1

131 80.0 64.9 97.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001474.D

Acq: 07 May 2018 18:54

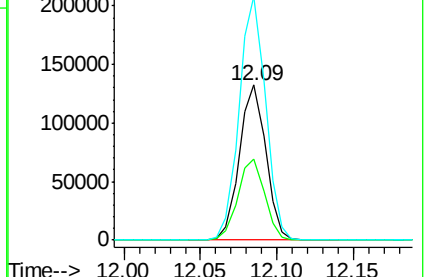
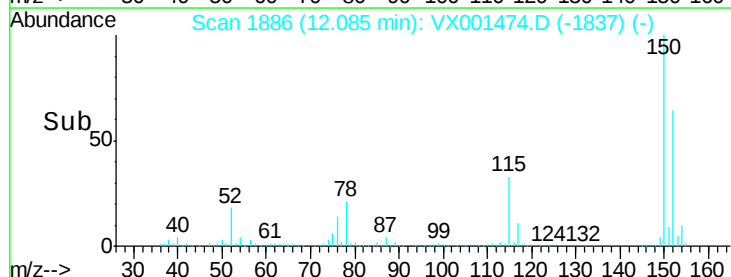
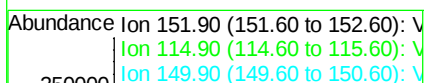
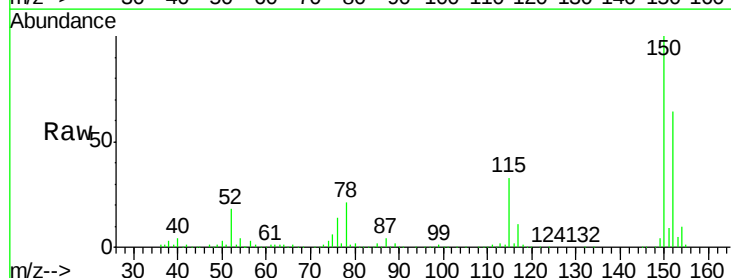
Tgt Ion:152 Resp: 159323

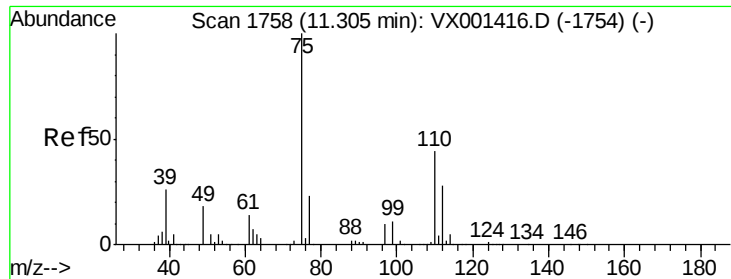
Ion Ratio Lower Upper

152 100

115 52.9 37.7 113.1

150 156.8 0.0 349.4

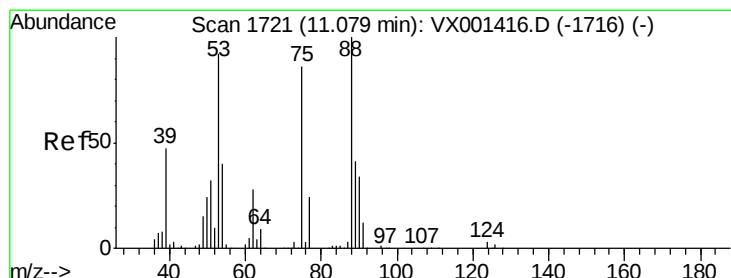
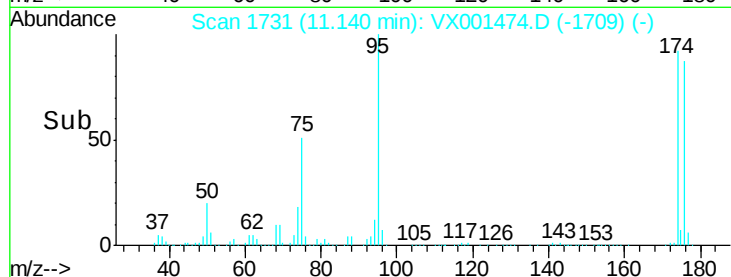
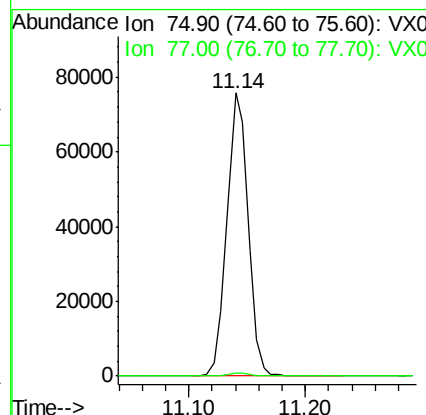
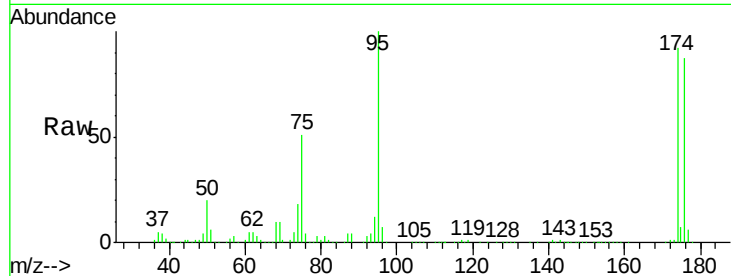




#76
 1,2,3-Trichloropropane
 Concen: 29.45 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001474.D
 Acq: 07 May 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20180429

Tgt Ion: 75 Resp: 95153
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.13 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001474.D
 Acq: 07 May 2018 18:54

Tgt Ion: 75 Resp: 95153
 Ion Ratio Lower Upper
 75 100
 53 0.2 84.5 126.7#
 89 0.0 39.5 59.3#

