

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009516.D
 Acq On : 11 May 2019 11:37
 Operator : JC/SP
 Sample : K2811-01RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB1-20190509

Quant Time: May 12 01:56:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	185436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108471	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120568	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
35) Dibromofluoromethane	5.50	113	88218	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
50) Toluene-d8	8.71	98	364581	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	120171	44.47	ug/l	0.00
Spiked Amount			Recovery	=	88.94%	

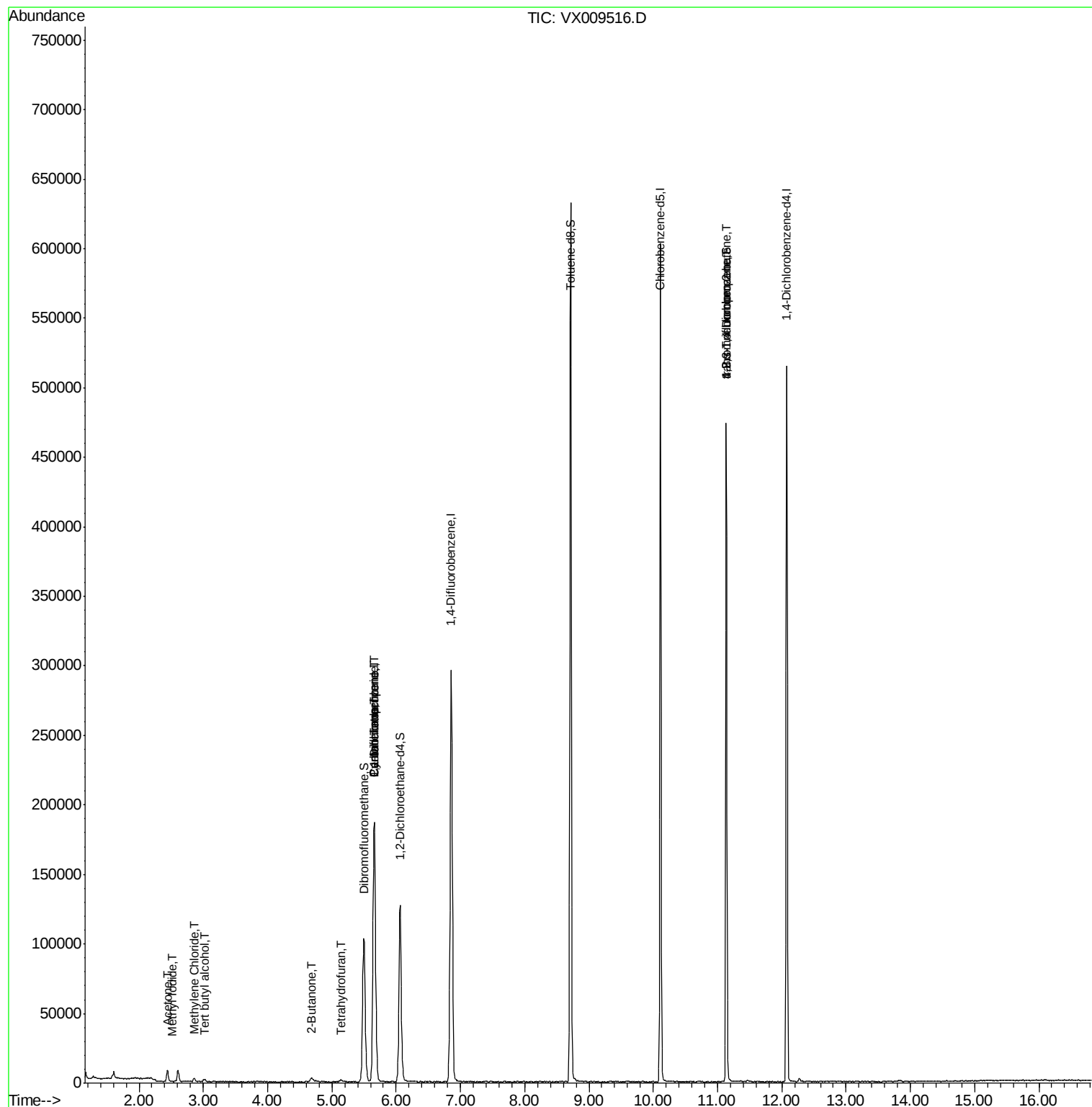
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	215	4.691	ug/l #	53
11) Tert butyl alcohol	3.02	59	1315	2.244	ug/l #	78
16) Acetone	2.44	43	8973	6.601	ug/l	91
20) Methylene Chloride	2.86	84	1062	0.483	ug/l #	96
25) 2-Butanone	4.69	43	1093	0.517	ug/l	100
28) Bromochloromethane	5.06	49	19	Below Cal	#	20
29) Tetrahydrofuran	5.14	42	1556	1.145	ug/l #	83
31) Cyclohexane	5.65	56	3970	1.061	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14199	5.214	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17344	7.010	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	61314	24.368	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61314	62.350	ug/l #	10

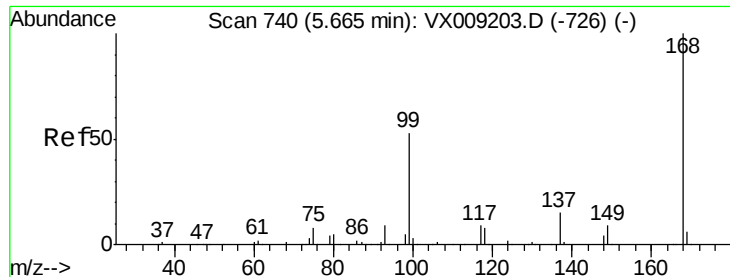
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051119\
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Quant Time: May 12 01:56:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009516.D

Acq: 11 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

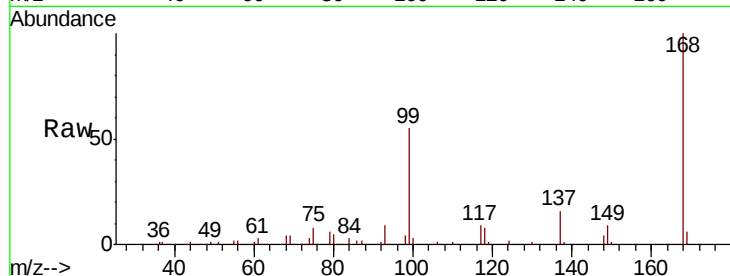
BP-TB1-20190509

Tot Ion:168 Resp: 185436

Ion Ratio Lower Upper

168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

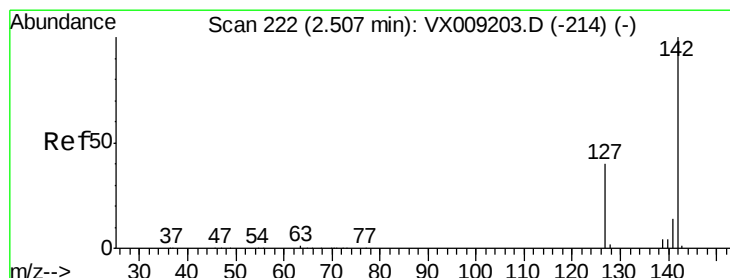
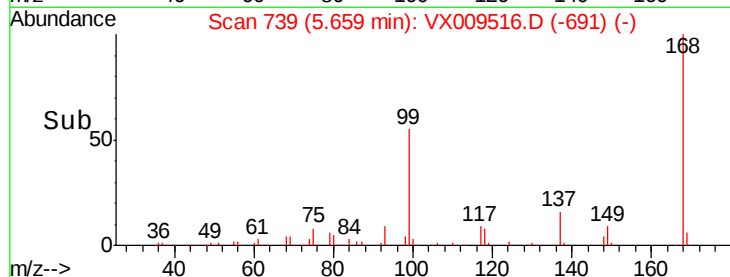
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 4.691 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX009516.D

Acq: 11 May 2019 11:37

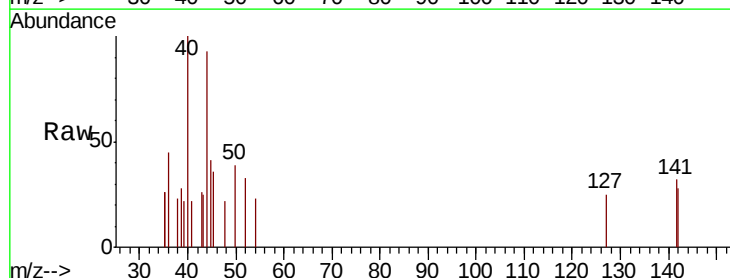
Tgt Ion:142 Resp: 215

Ion Ratio Lower Upper

142 100

127 9.3 32.7 49.1#

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

2.51

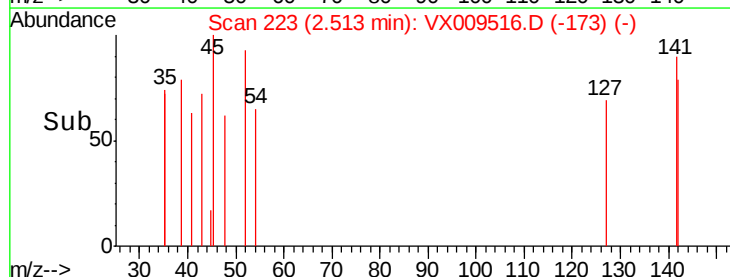
150

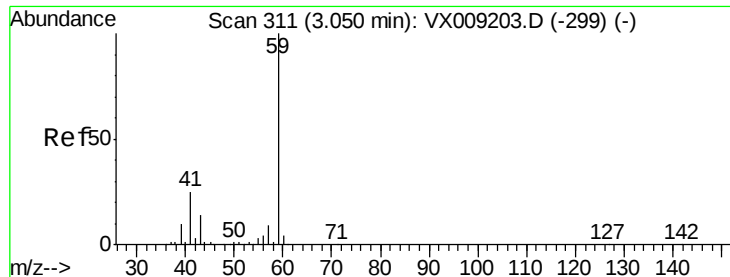
100

50

0

Time--> 2.50 2.55

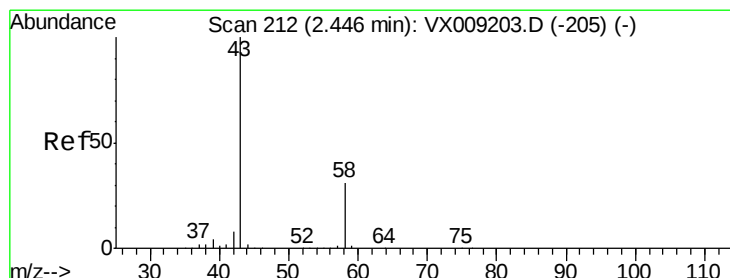
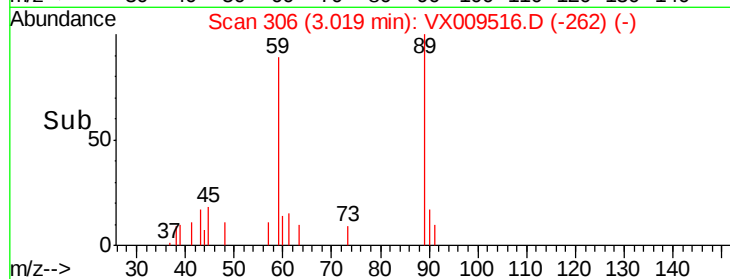
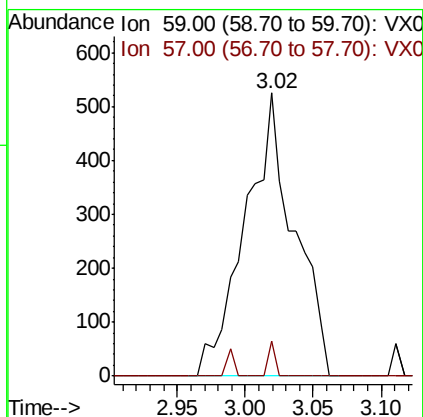
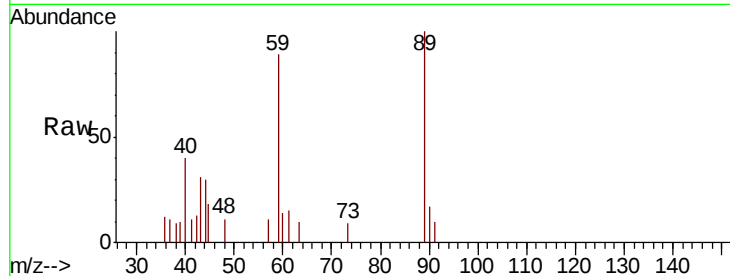




#11
Tert butyl alcohol
Concen: 2.244 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

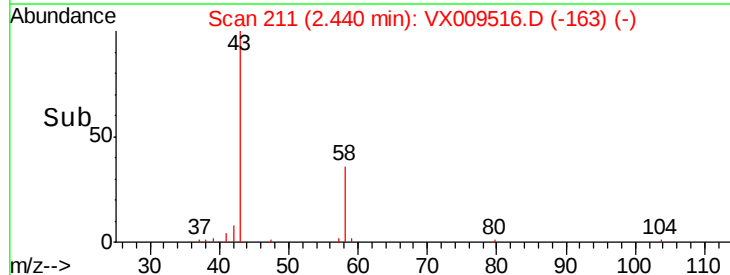
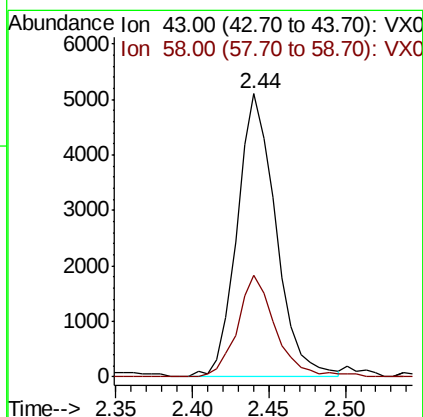
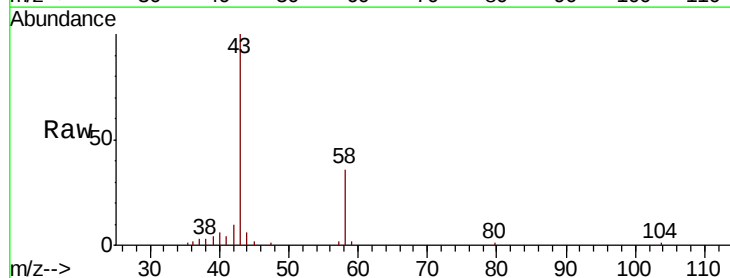
Instrument :
MSVOA_X
ClientSampleId :
BP-TB1-20190509

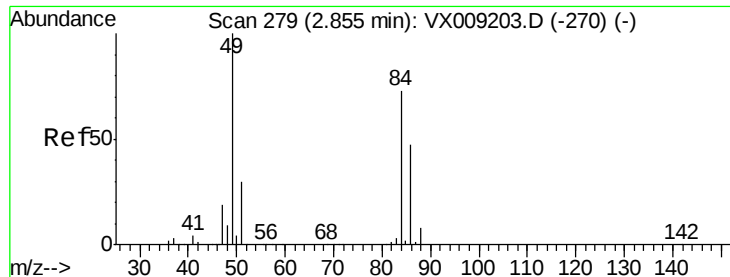
Tot Ion: 59 Resp: 1315
Ion Ratio Lower Upper
59 100
57 1.8 8.2 12.2#



#16
Acetone
Concen: 6.601 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

Tgt Ion: 43 Resp: 8973
Ion Ratio Lower Upper
43 100
58 36.0 24.9 37.3

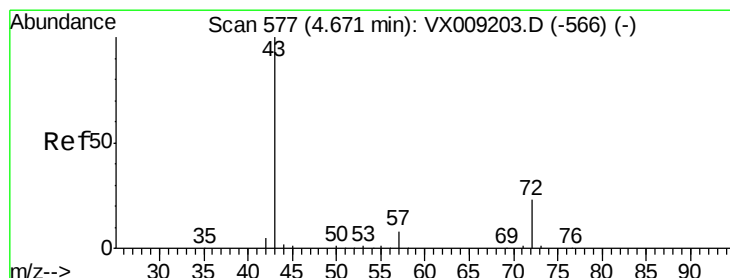
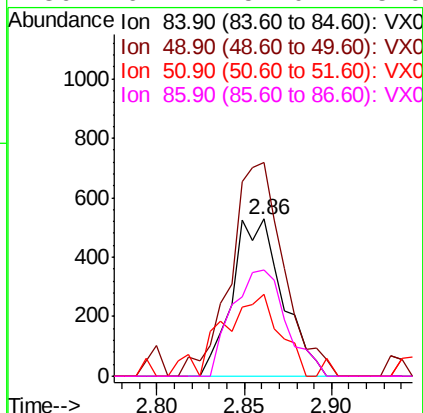
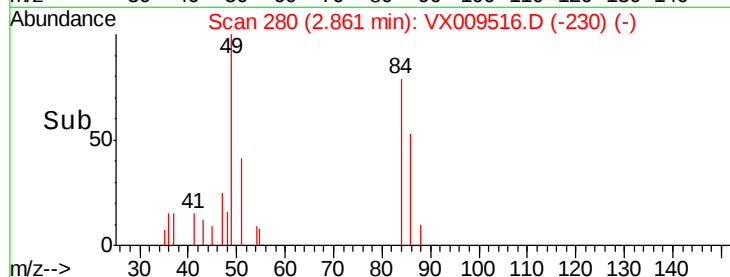
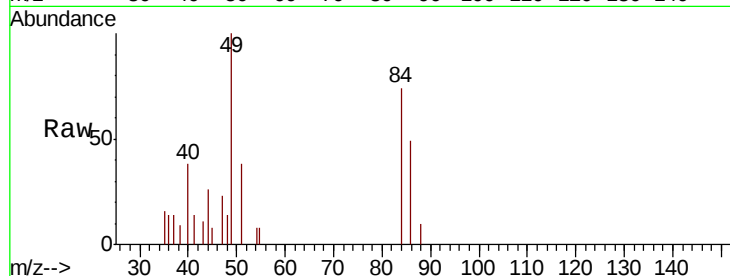




#20
Methvlene Chloride
Concen: 0.483 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

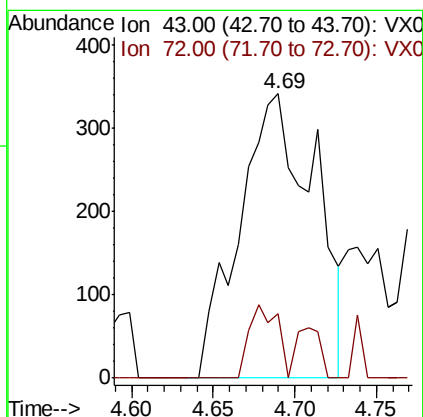
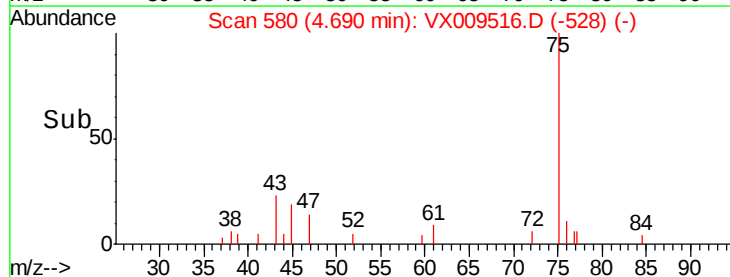
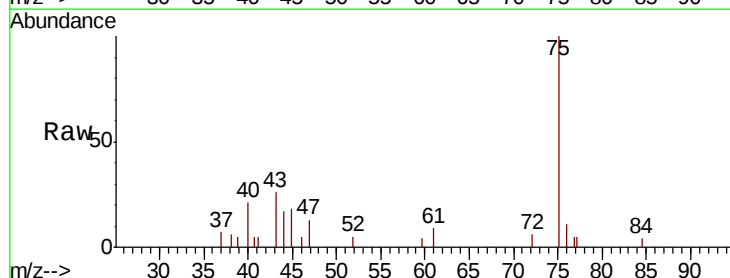
Instrument :
MSVOA_X
ClientSampleId :
BP-TB1-20190509

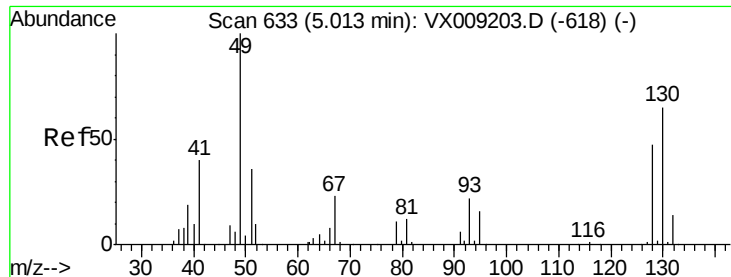
Tot Ion: 84 Resp: 1062
Ion Ratio Lower Upper
84 100
49 136.0 109.9 164.9
51 51.9 32.7 49.1#
86 67.2 52.0 78.0



#25
2-Butanone
Concen: 0.517 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
72 22.6 18.2 27.2





#28

Bromochloromethane

Concen: Below Cal

RT: 5.06 min Scan# 641

Delta R.T. 0.05 min

Lab File: VX009516.D

Acq: 11 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

BP-TB1-20190509

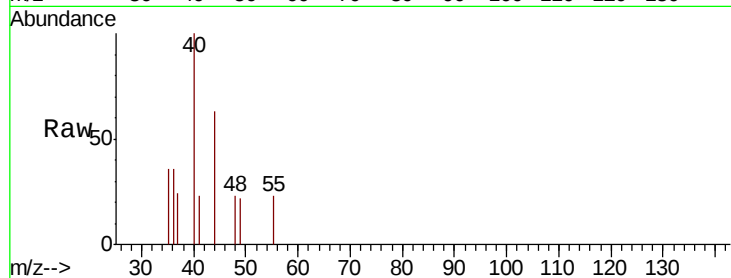
Tot Ion: 49 Resp: 19

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

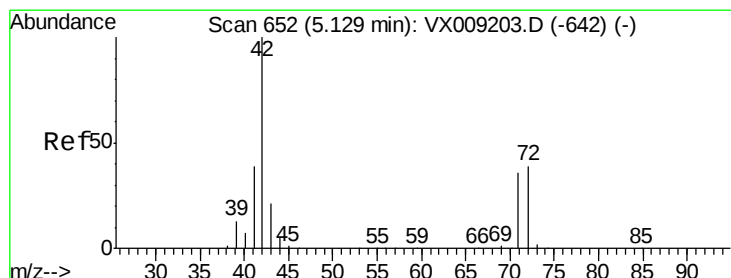
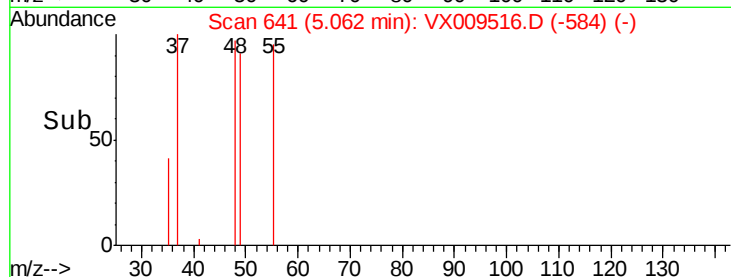
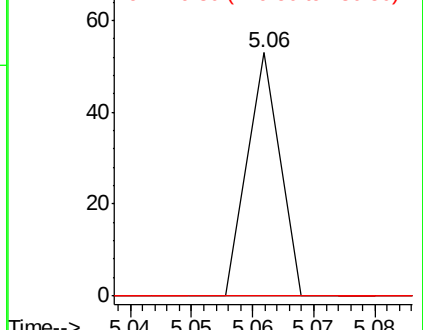
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1.145 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX009516.D

Acq: 11 May 2019 11:37

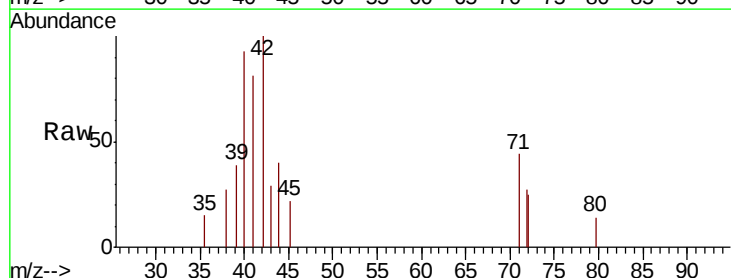
Tgt Ion: 42 Resp: 1556

Ion Ratio Lower Upper

42 100

72 19.3 30.4 45.6#

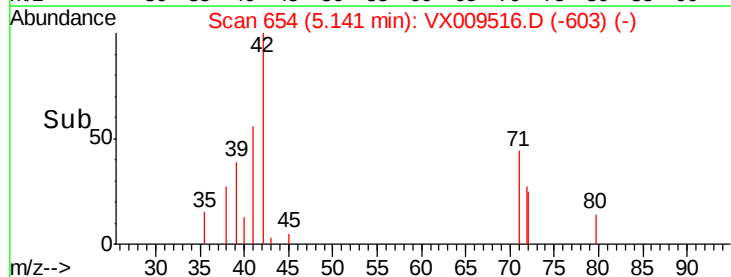
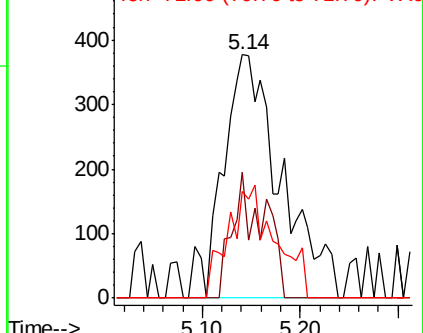
71 37.2 28.6 43.0

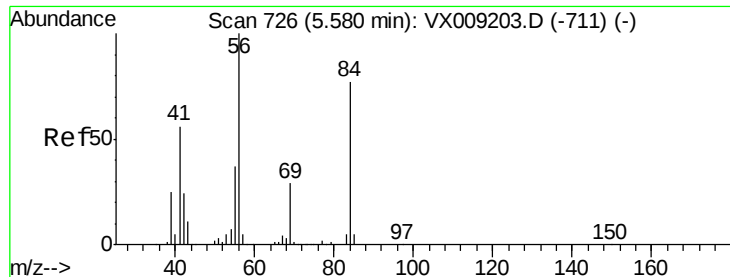


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

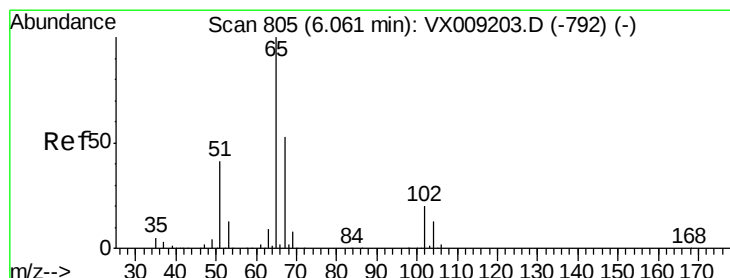
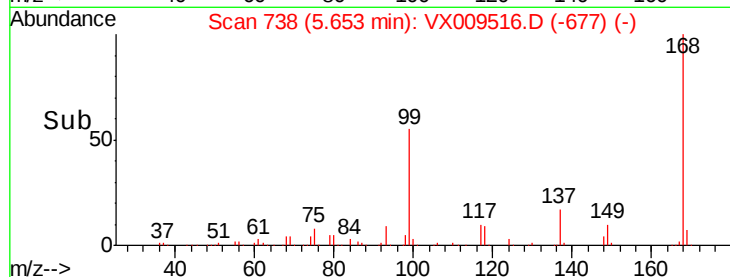
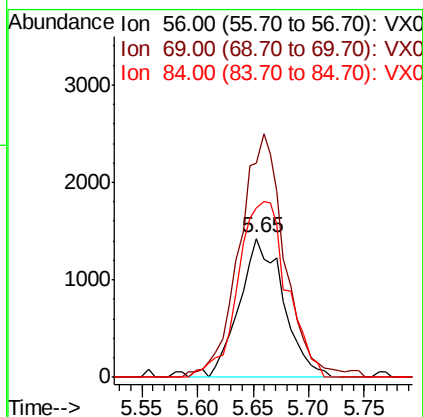
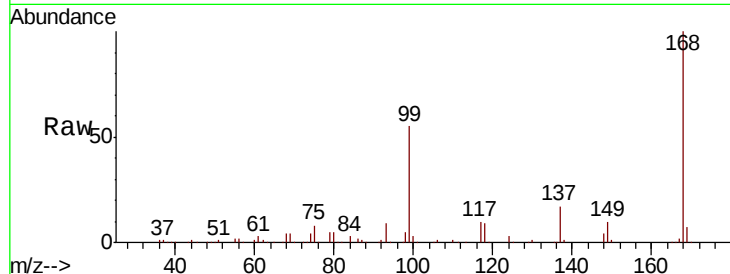




#31
Cyclohexane
Concen: 1.061 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

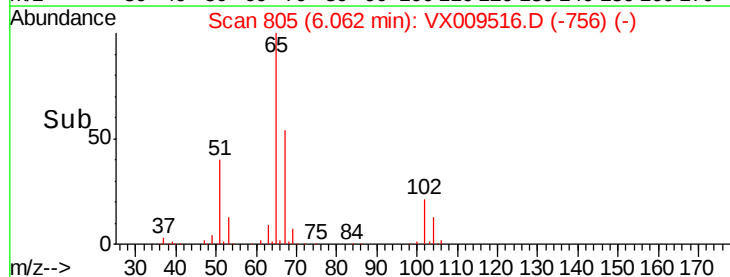
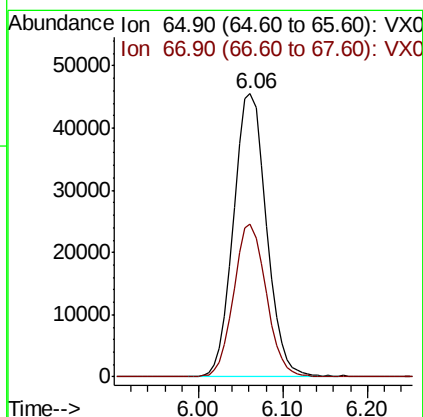
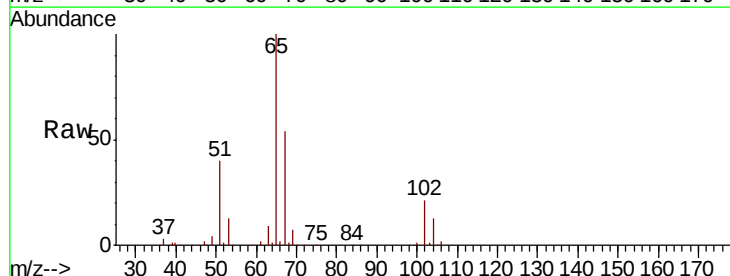
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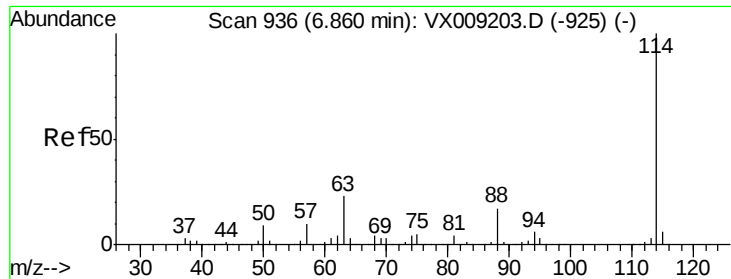
Tot Ion: 56 Resp: 3970
Ion Ratio Lower Upper
56 100
69 151.2 23.4 35.0#
84 121.9 61.9 92.9#



#33
1,2-Dichloroethane-d4
Concen: 47.629 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

Tgt Ion: 65 Resp: 120568
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6

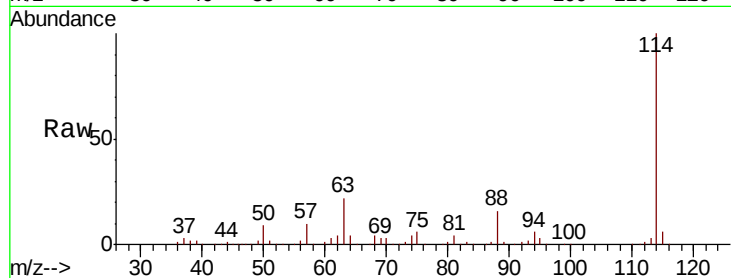




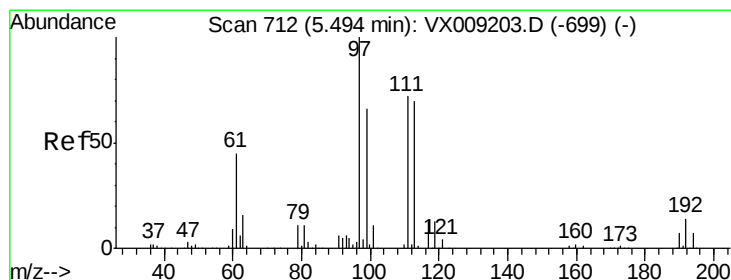
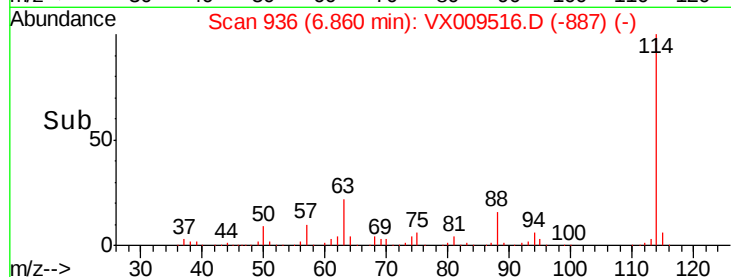
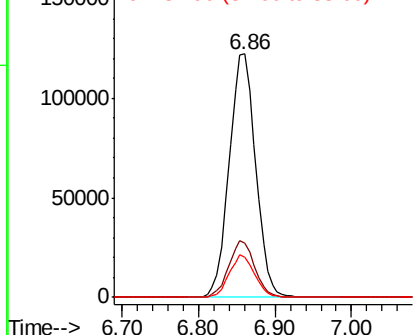
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009516.D
 Acq: 11 May 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB1-20190509

Tot Ion:114 Resp: 293041
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.6
 88 16.5 0.0 33.2

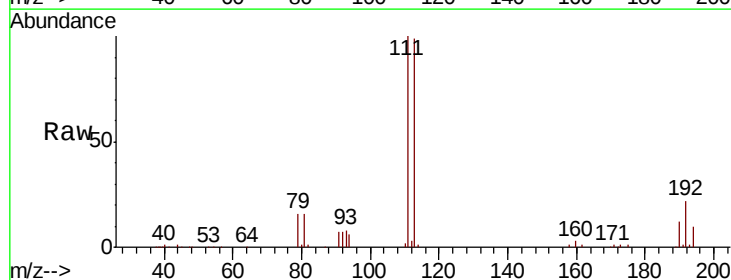


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

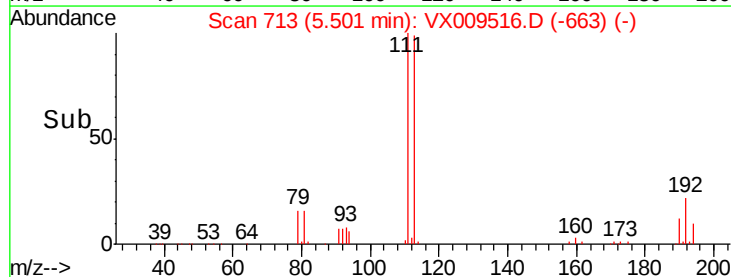
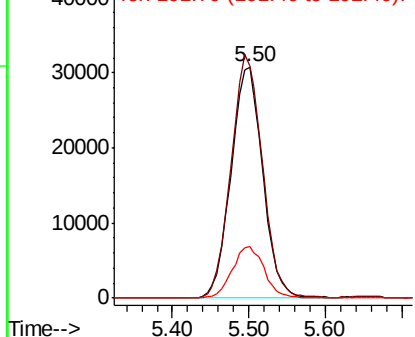


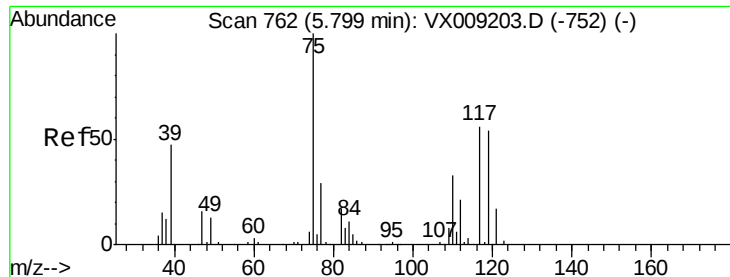
#35
 Dibromofluoromethane
 Concen: 47.888 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009516.D
 Acq: 11 May 2019 11:37

Tgt Ion:113 Resp: 88218
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.8 124.2
 192 22.4 17.0 25.6



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: 5.214 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009516.D

Acq: 11 May 2019 11:37

Instrument :

MSVOA_X

ClientSampleId :

BP-TB1-20190509

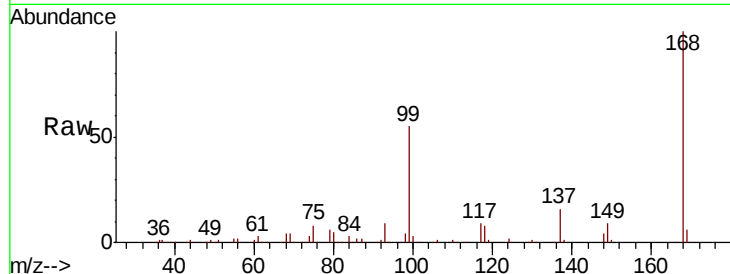
Tot Ion: 75 Resp: 14199

Ion Ratio Lower Upper

75 100

110 8.5 16.9 50.6#

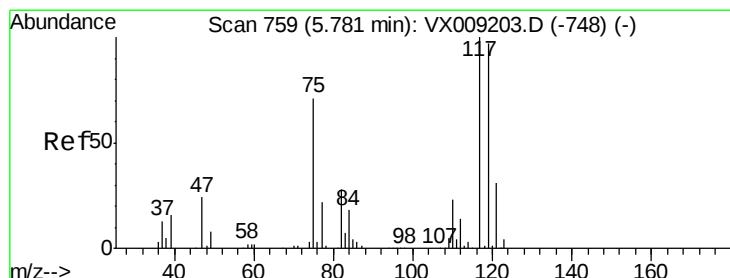
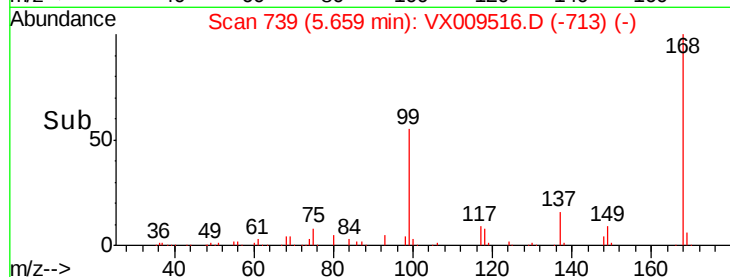
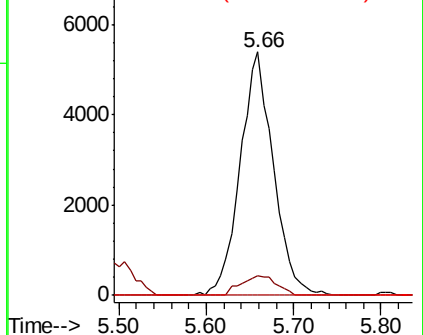
77 0.0 24.8 37.2#



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: 7.010 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009516.D

Acq: 11 May 2019 11:37

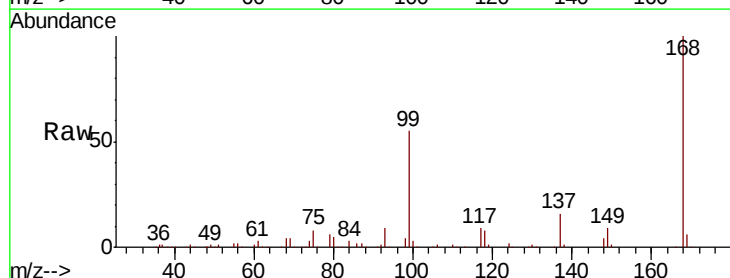
Tgt Ion: 117 Resp: 17344

Ion Ratio Lower Upper

117 100

119 5.5 77.5 116.3#

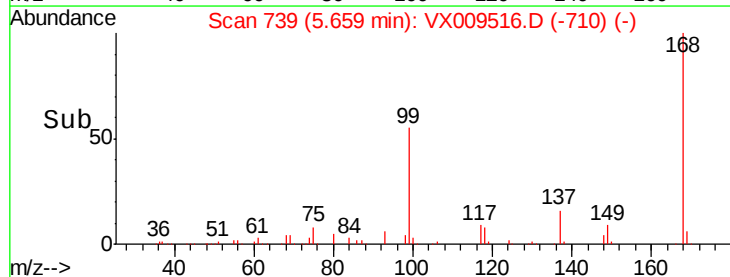
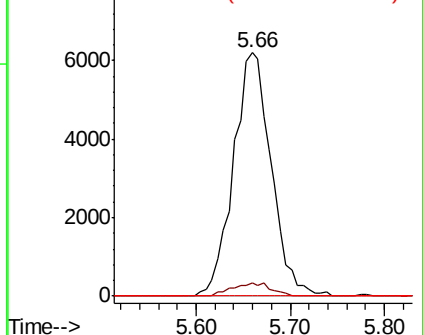
121 0.0 24.7 37.1#

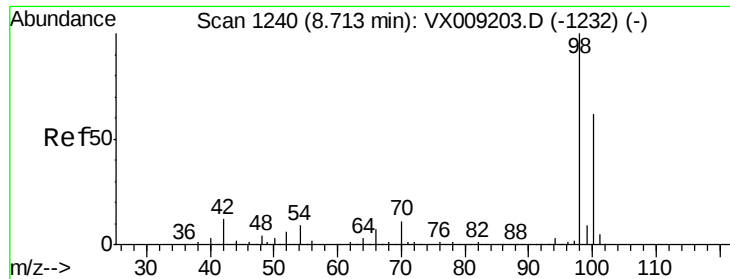


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

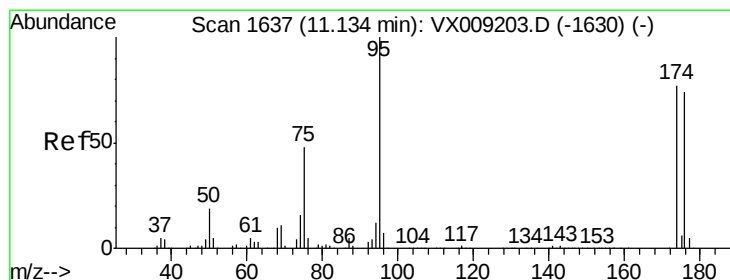
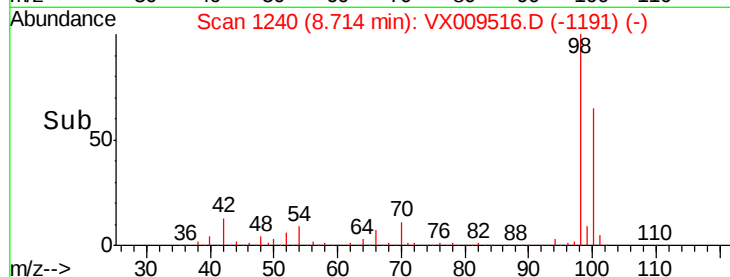
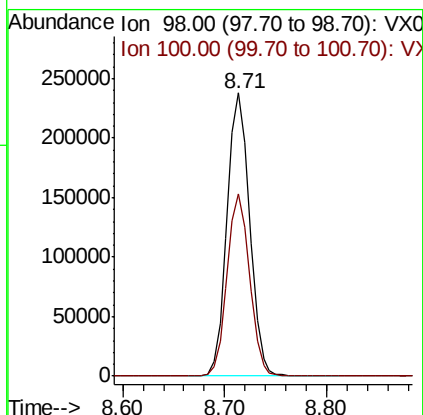
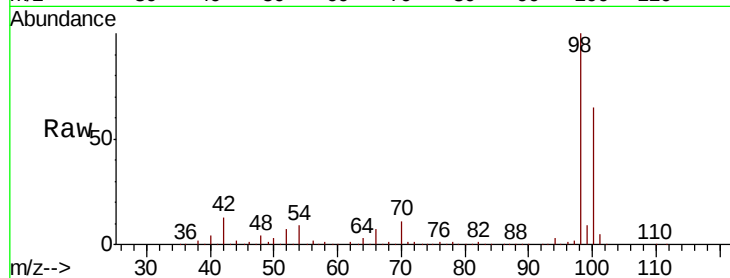




#50
Toluene-d8
Concen: 49.021 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

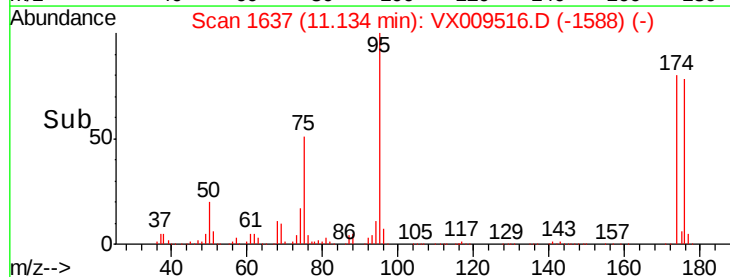
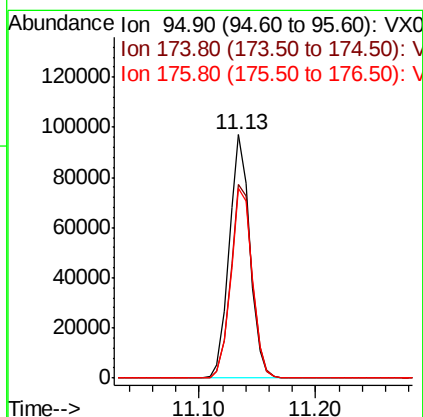
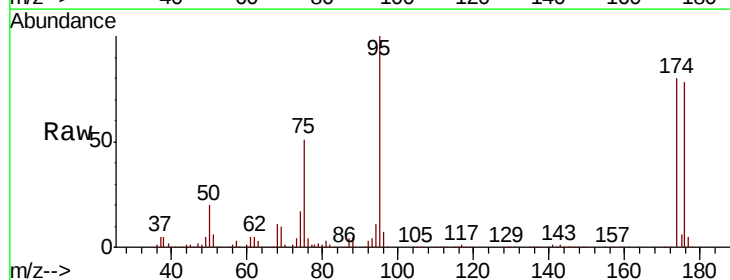
Instrument :
MSVOA_X
ClientSampleId :
BP-TB1-20190509

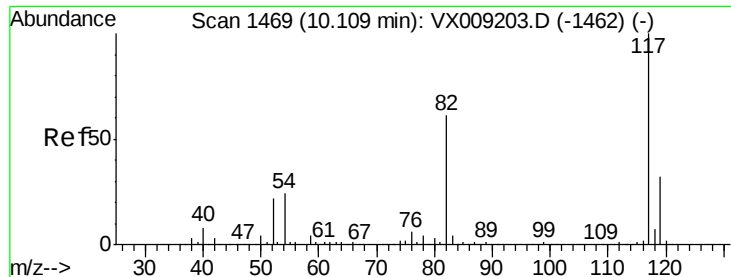
Tot Ion: 98 Resp: 364581
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.468 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

Tgt Ion: 95 Resp: 120171
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.6
176 80.9 0.0 159.2

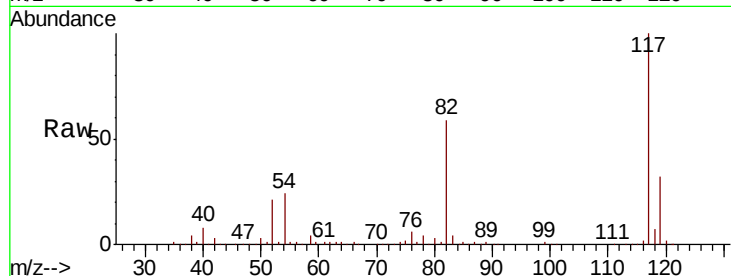




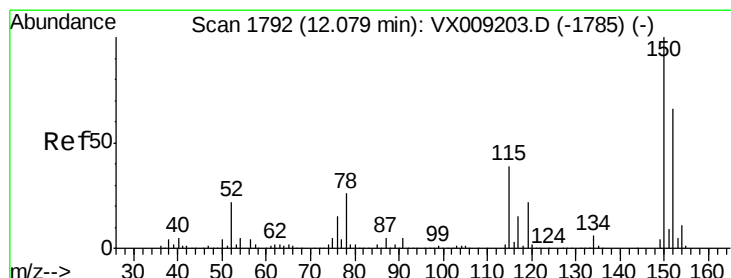
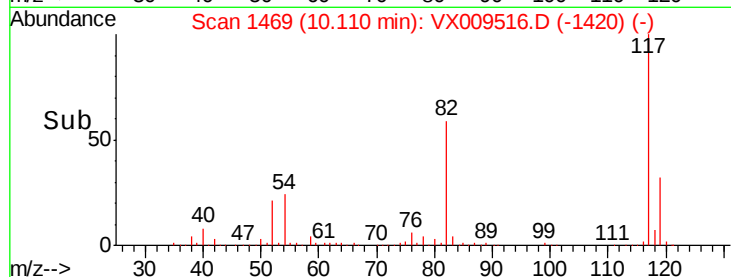
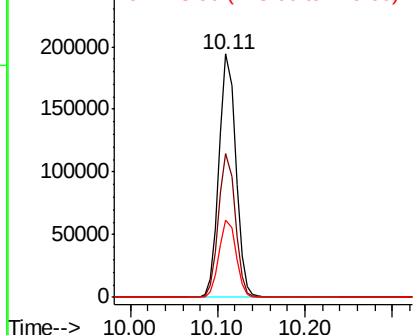
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

Instrument :
MSVOA_X
ClientSampleId :
BP-TB1-20190509

Tot Ion:117 Resp: 257800
Ion Ratio Lower Upper
117 100
82 59.0 48.8 73.2
119 31.5 25.8 38.6

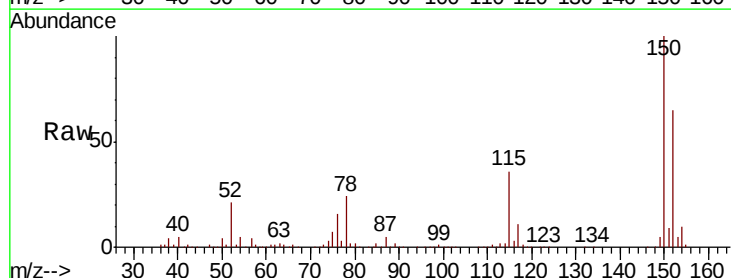


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

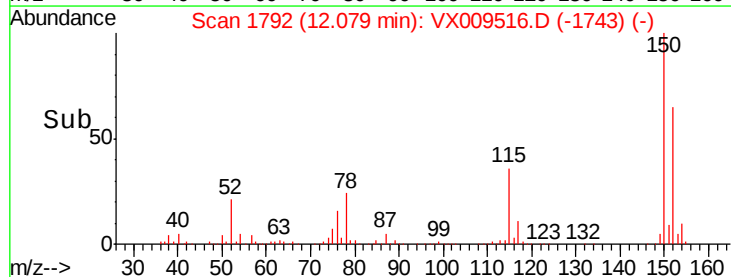
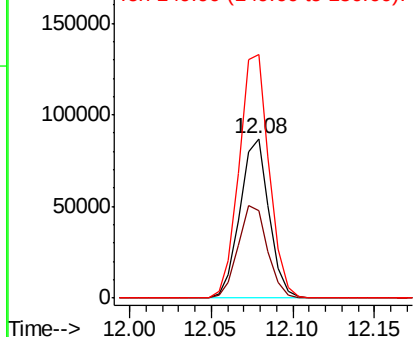


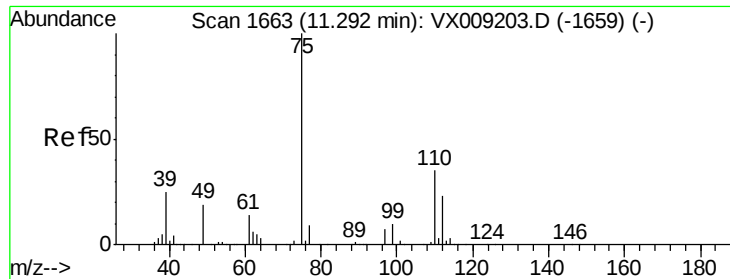
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009516.D
Acq: 11 May 2019 11:37

Tgt Ion:152 Resp: 108471
Ion Ratio Lower Upper
152 100
115 58.7 41.2 123.6
150 157.6 0.0 346.4



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

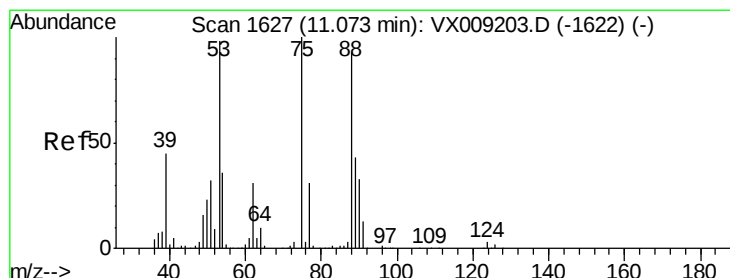
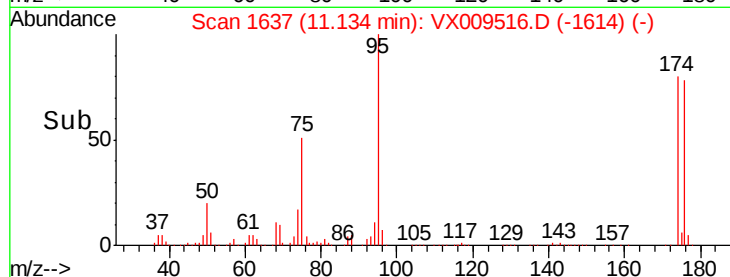
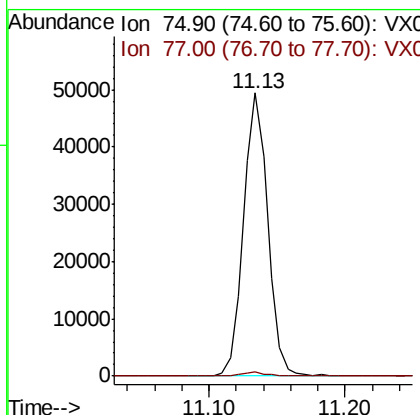
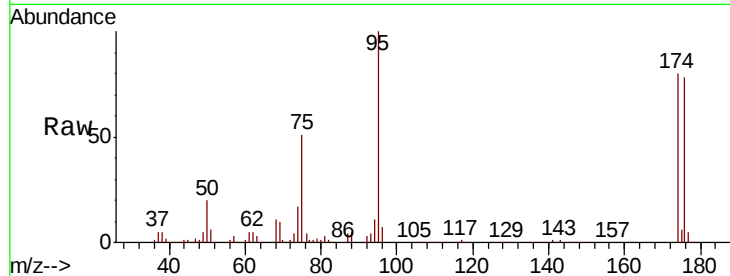




#76
 1,2,3-Trichloropropane
 Concen: 24.368 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009516.D
 Acq: 11 May 2019 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB1-20190509

Tot Ion: 75 Resp: 61314
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.350 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009516.D
 Acq: 11 May 2019 11:37

Tgt Ion: 75 Resp: 61314
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.0 118.6#
 89 0.0 34.7 52.1#

