

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
 Data File : VX007870.D
 Acq On : 06 Mar 2019 19:47
 Operator : JC/SP
 Sample : K1759-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-605-607

Quant Time: Mar 07 07:52:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	299239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	464215	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	439322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208272	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	164718	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	
35) Dibromofluoromethane	5.51	113	150607	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
50) Toluene-d8	8.71	98	564269	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.13	95	205261	53.68	ug/l	0.00
Spiked Amount			Recovery	=	107.36%	

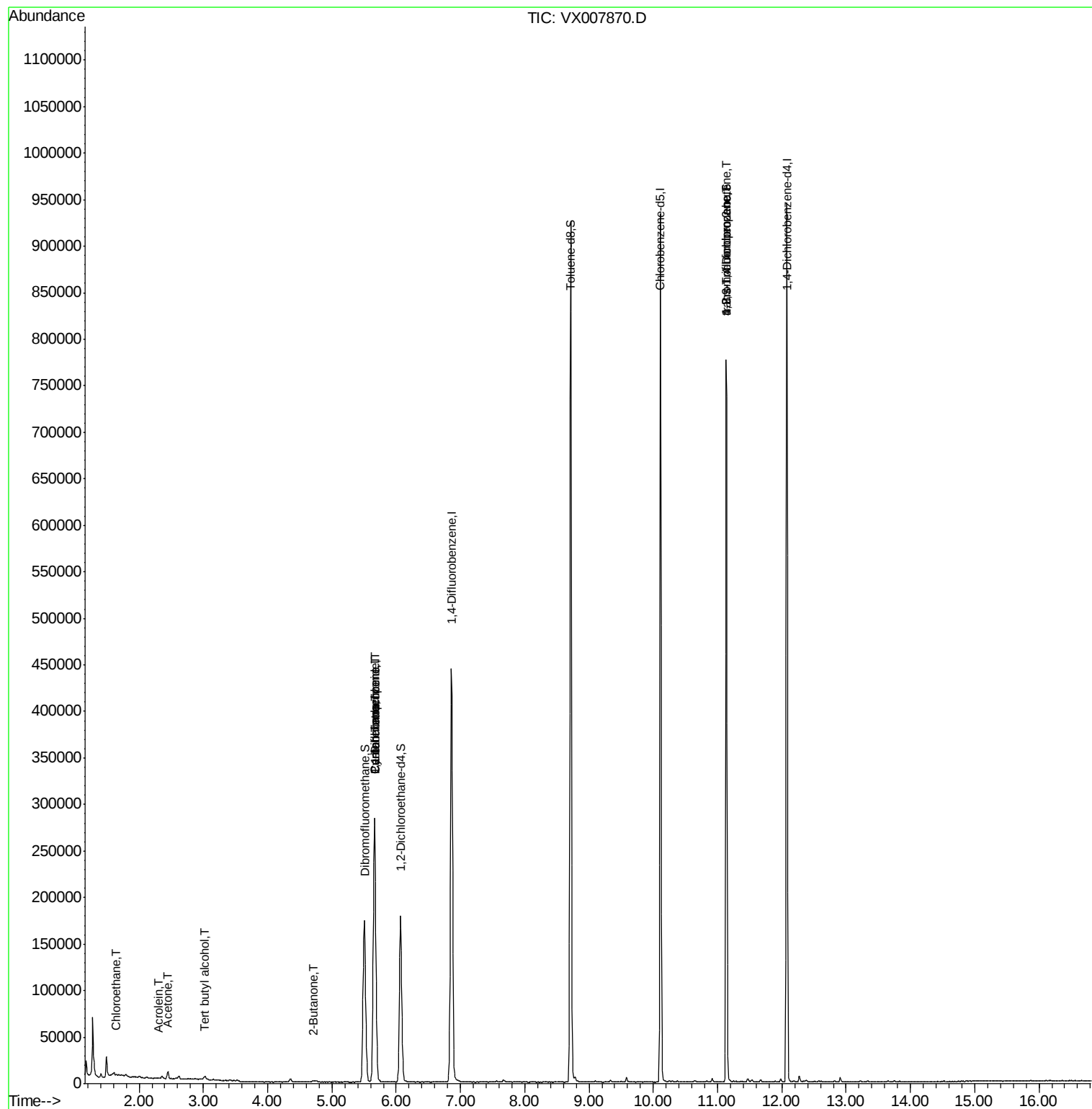
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	316	Below Cal		85
6) Chloroethane	1.64	64	548	0.252	ug/l #	43
11) Tert butyl alcohol	3.03	59	2508	3.553	ug/l #	73
13) Acrolein	2.30	56	230	2.114	ug/l #	32
16) Acetone	2.45	43	8606	4.710	ug/l	99
17) Carbon Disulfide	2.57	76	1440	Below Cal	#	68
25) 2-Butanone	4.70	43	3039	1.175	ug/l #	90
31) Cyclohexane	5.66	56	4782	0.986	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	18916	4.500	ug/l #	49
38) Carbon Tetrachloride	5.67	117	25794	6.464	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	95079	21.755	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	95079	69.540	ug/l #	11

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
Data File : VX007870.D
Acq On : 06 Mar 2019 19:47
Operator : JC/SP
Sample : K1759-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-605-607

Quant Time: Mar 07 07:52:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007870.D

Acq: 06 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

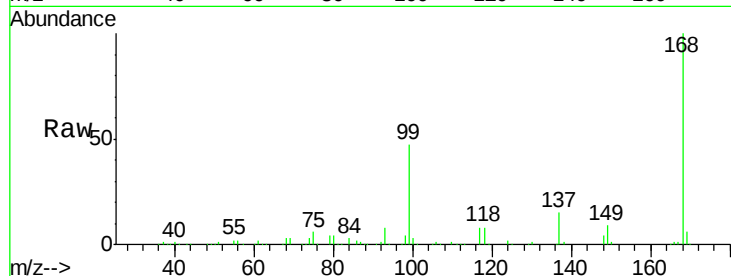
BP-VPB201-GW-605-607

Tgt Ion: 168 Resp: 299239

Ion Ratio Lower Upper

168 100

99 47.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

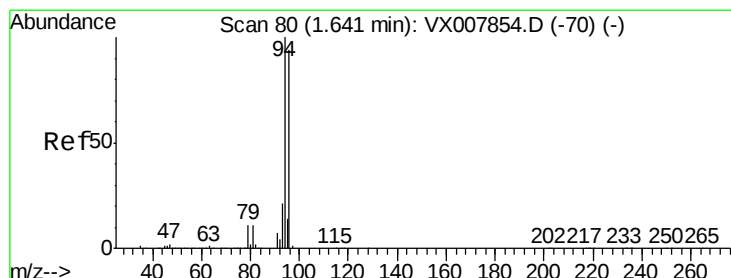
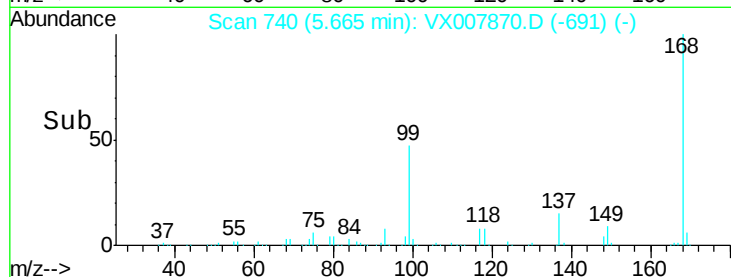
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007870.D

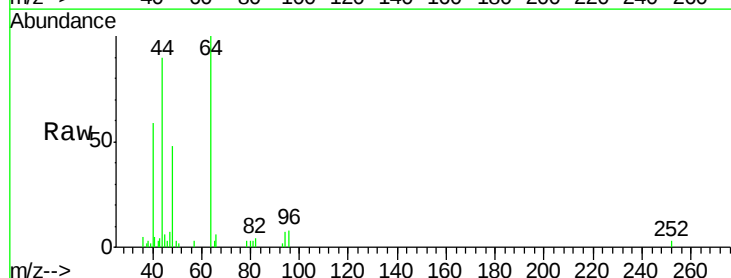
Acq: 06 Mar 2019 19:47

Tgt Ion: 94 Resp: 316

Ion Ratio Lower Upper

94 100

96 108.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

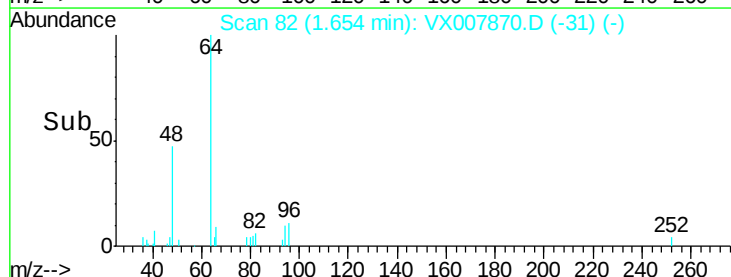
150

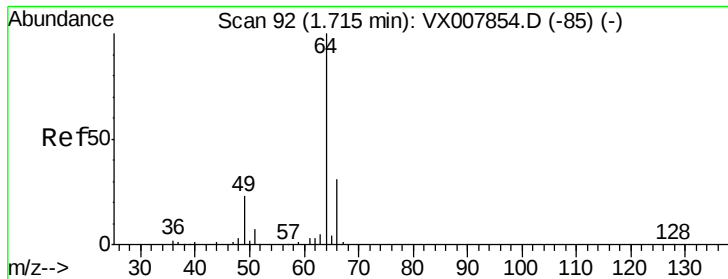
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.252 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.08 min

Lab File: VX007870.D

Acq: 06 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

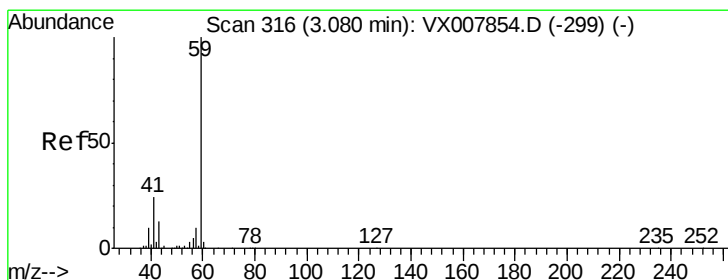
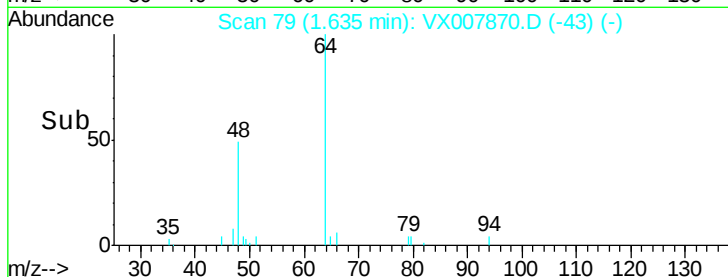
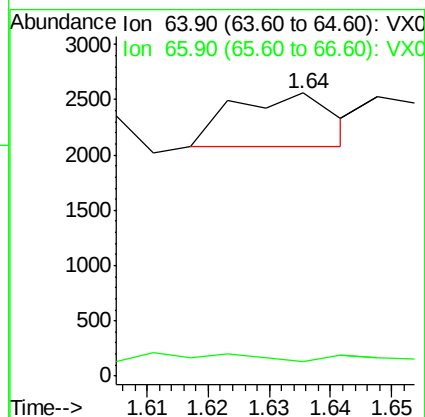
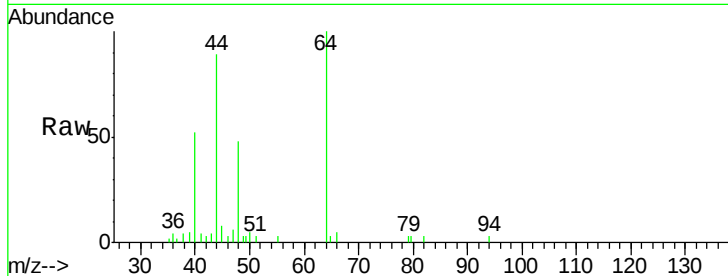
BP-VPB201-GW-605-607

Tgt Ion: 64 Resp: 548

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



#11

Tert butyl alcohol

Concen: 3.553 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX007870.D

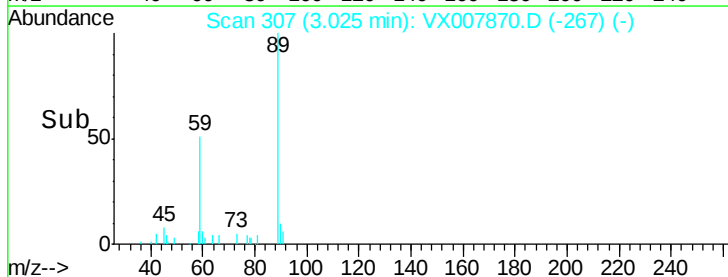
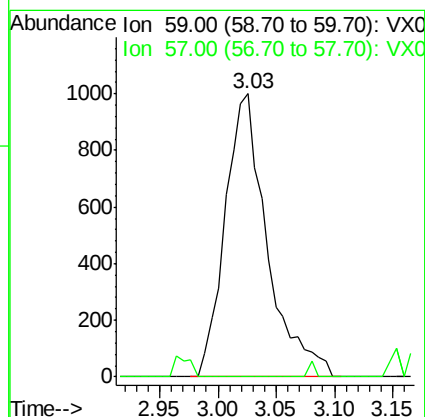
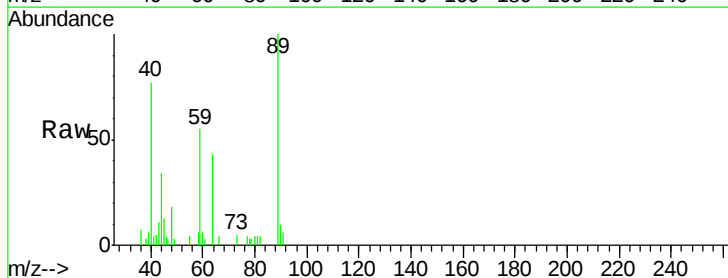
Acq: 06 Mar 2019 19:47

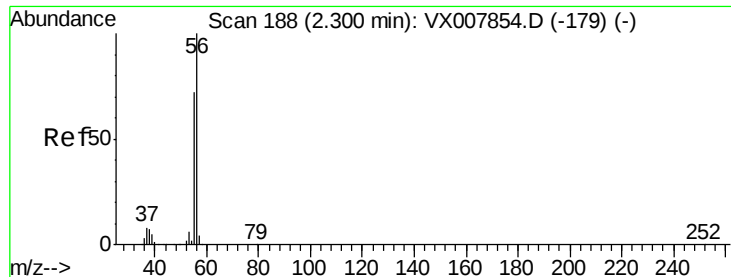
Tgt Ion: 59 Resp: 2508

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: 2.114 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007870.D

Acq: 06 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

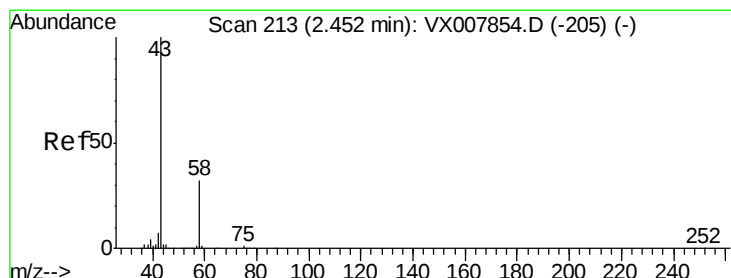
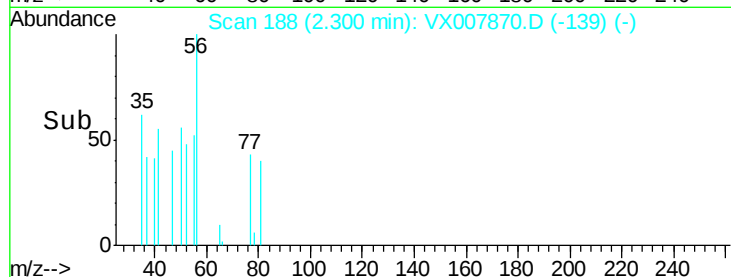
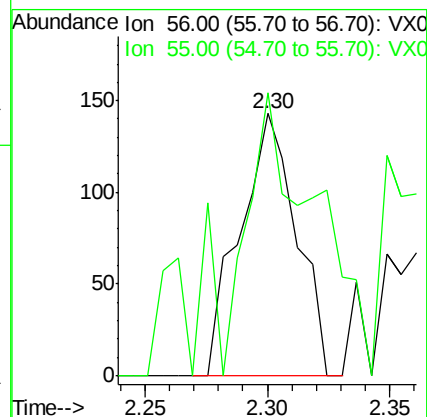
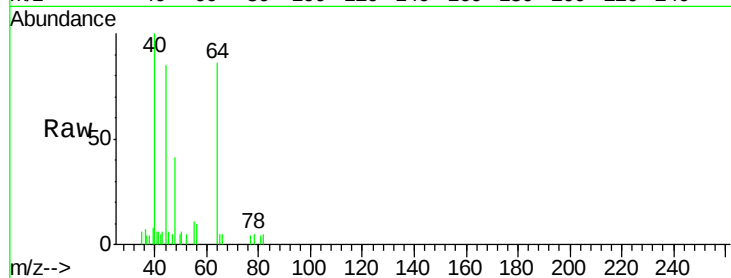
BP-VPB201-GW-605-607

Tgt Ion: 56 Resp: 230

Ion Ratio Lower Upper

56 100

55 129.1 57.8 86.6#



#16

Acetone

Concen: 4.710 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007870.D

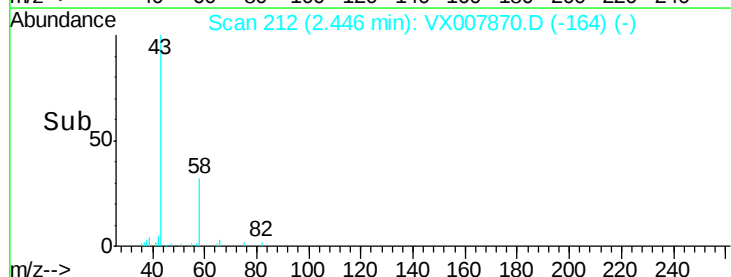
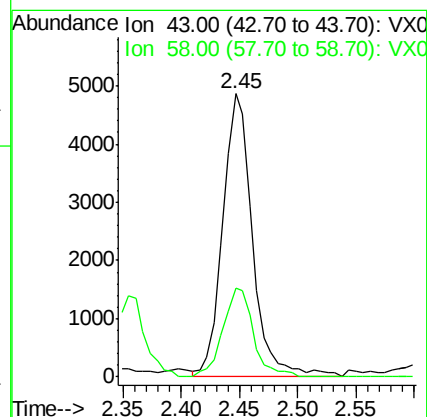
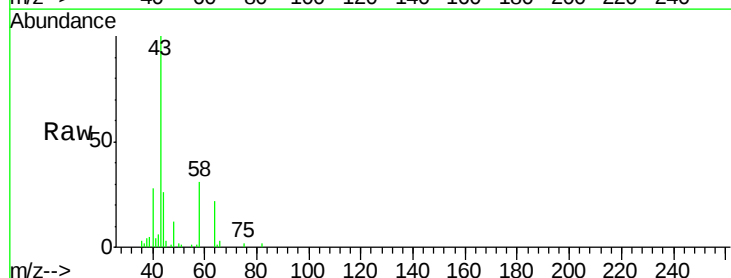
Acq: 06 Mar 2019 19:47

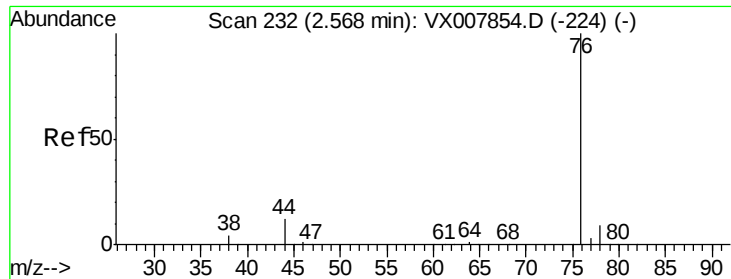
Tgt Ion: 43 Resp: 8606

Ion Ratio Lower Upper

43 100

58 31.3 25.5 38.3

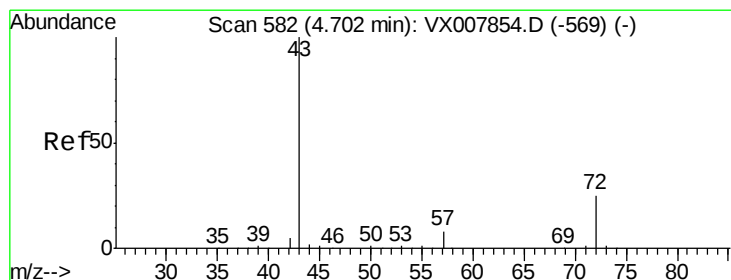
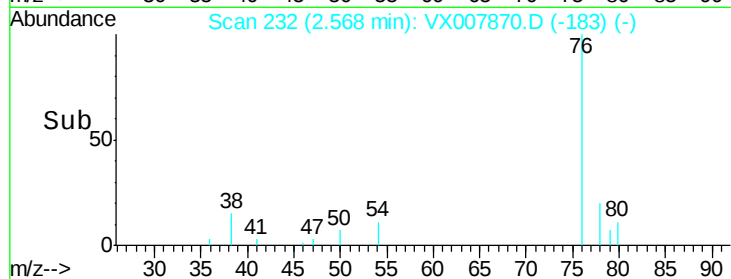
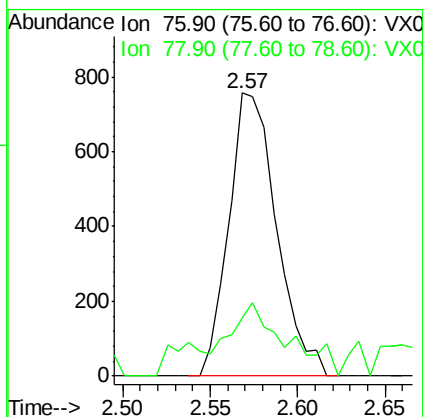
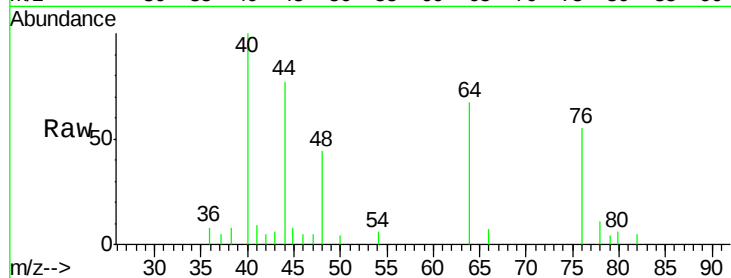




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007870.D
Acq: 06 Mar 2019 19:47

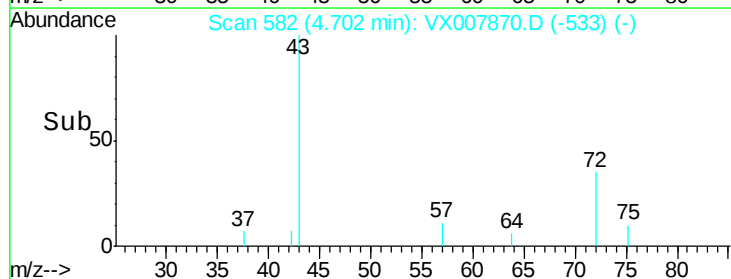
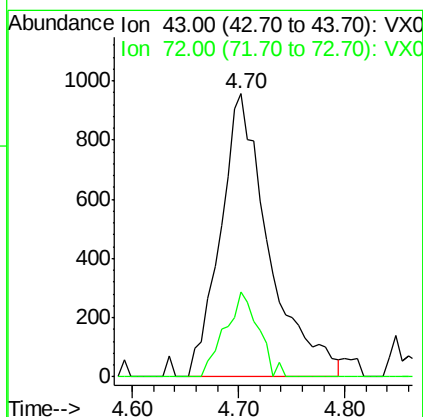
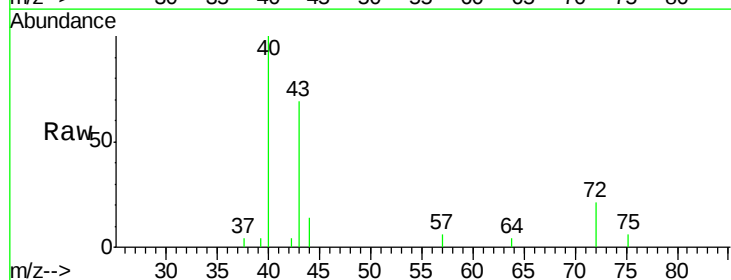
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-605-607

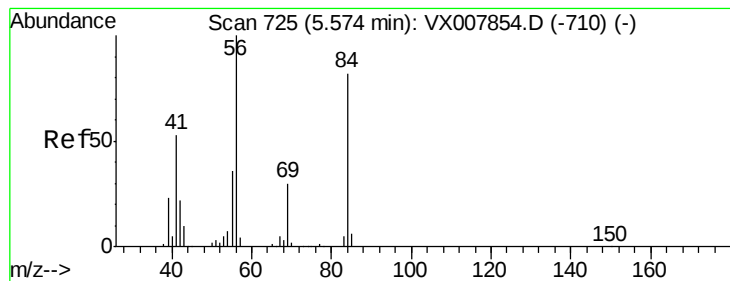
Tgt Ion: 76 Resp: 1440
Ion Ratio Lower Upper
76 100
78 20.5 7.2 10.8#



#25
2-Butanone
Concen: 1.175 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX007870.D
Acq: 06 Mar 2019 19:47

Tgt Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
72 29.9 19.9 29.9#





#31

Cyclohexane

Concen: 0.986 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX007870.D

Acq: 06 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-605-607

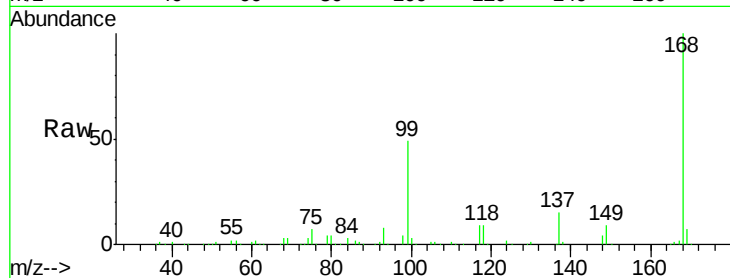
Tgt Ion: 56 Resp: 4782

Ion Ratio Lower Upper

56 100

69 184.8 24.0 36.0#

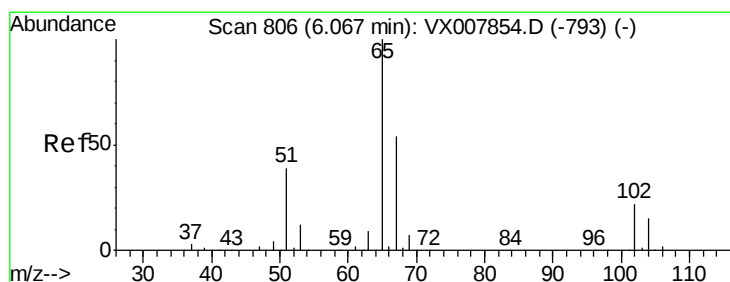
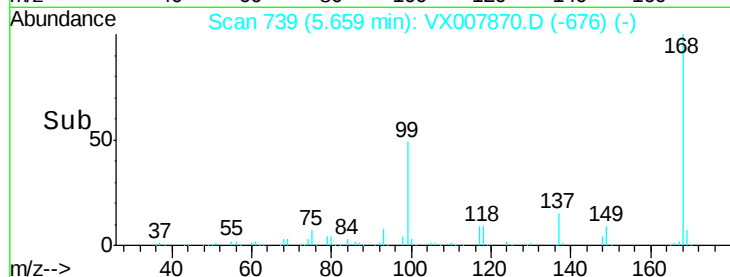
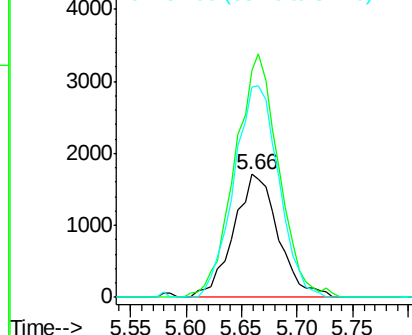
84 170.9 65.3 97.9#



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: 52.181 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007870.D

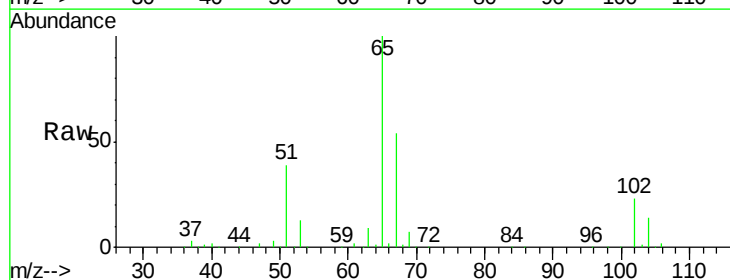
Acq: 06 Mar 2019 19:47

Tgt Ion: 65 Resp: 164718

Ion Ratio Lower Upper

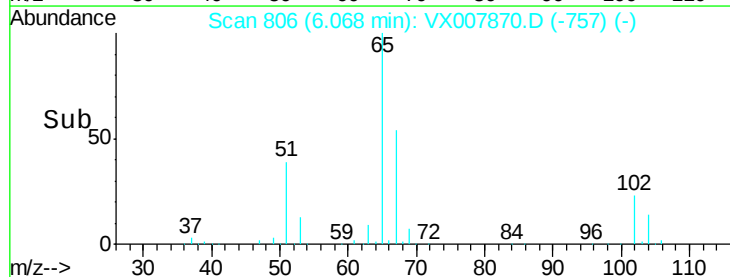
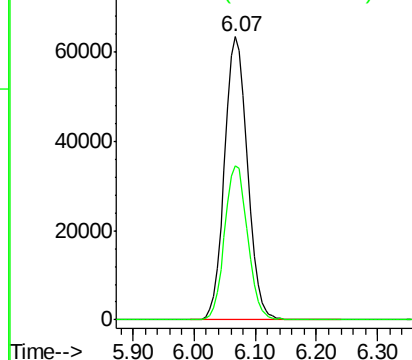
65 100

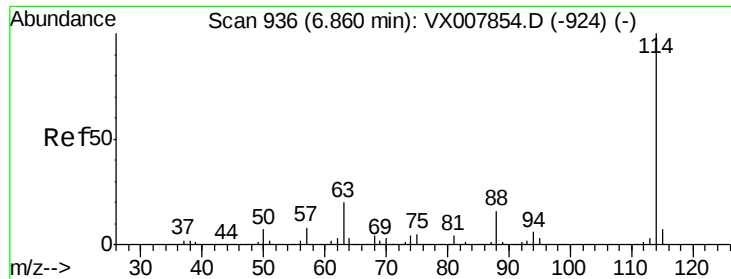
67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

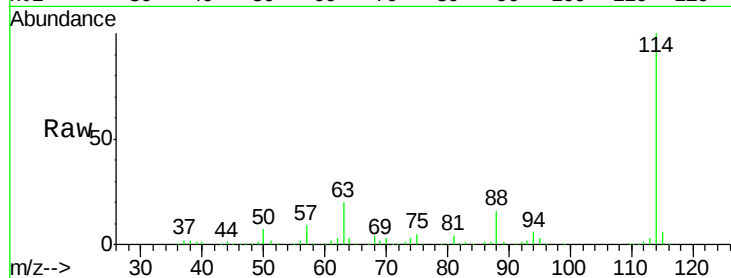




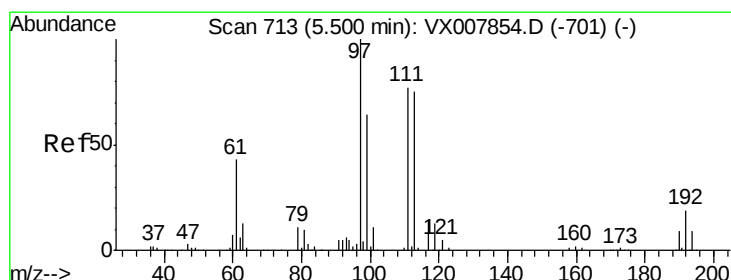
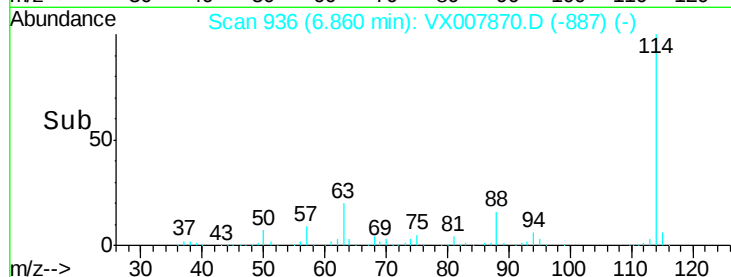
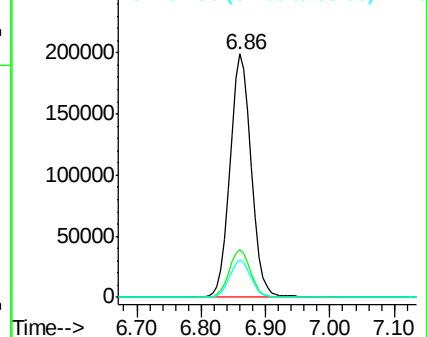
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007870.D
 Acq: 06 Mar 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-605-607

Tgt Ion:114 Resp: 464215
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.6 0.0 31.4

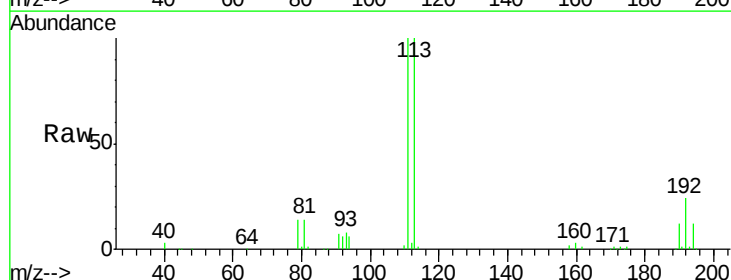


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

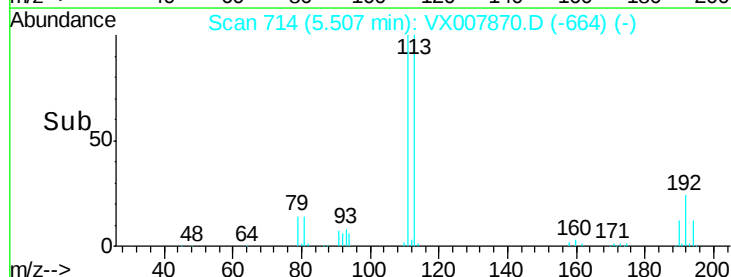
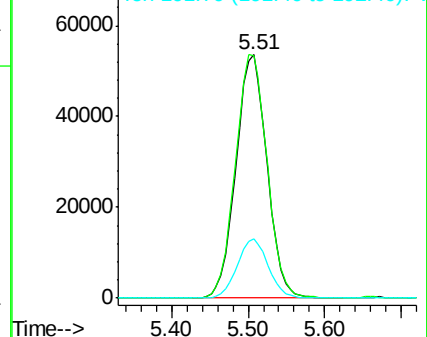


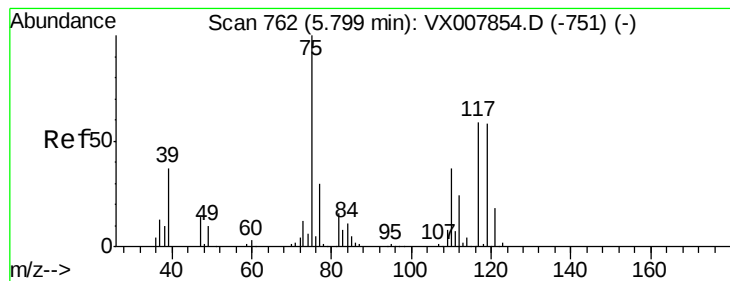
#35
 Dibromofluoromethane
 Concen: 50.719 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007870.D
 Acq: 06 Mar 2019 19:47

Tgt Ion:113 Resp: 150607
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 24.4 19.4 29.0



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: 4.500 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007870.D

Acq: 06 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-605-607

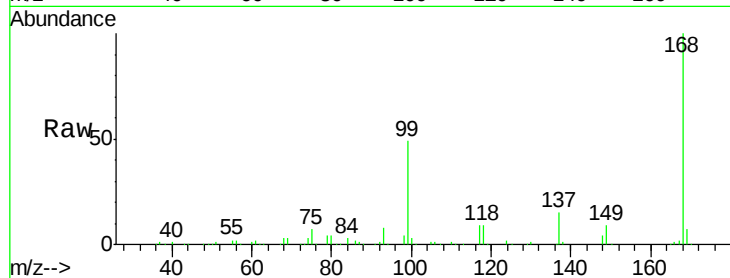
Tgt Ion: 75 Resp: 18916

Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.0#

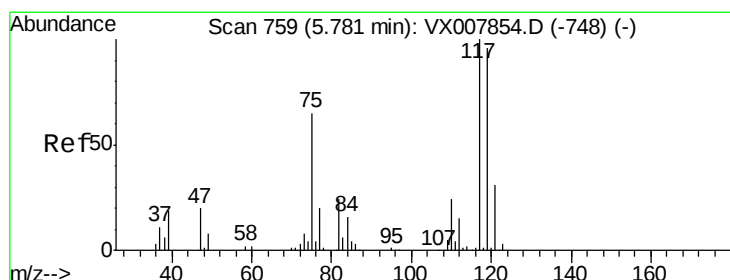
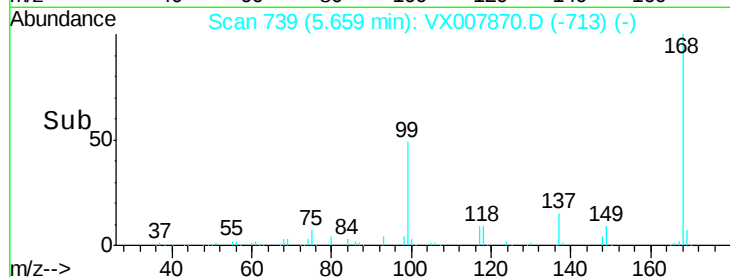
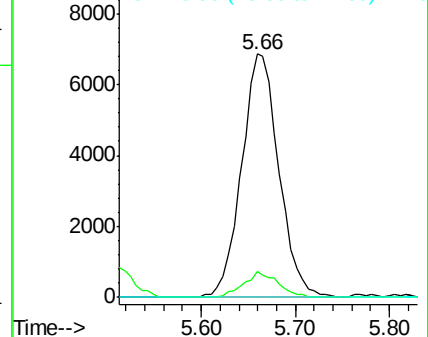
77 0.0 25.0 37.4#



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: 6.464 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007870.D

Acq: 06 Mar 2019 19:47

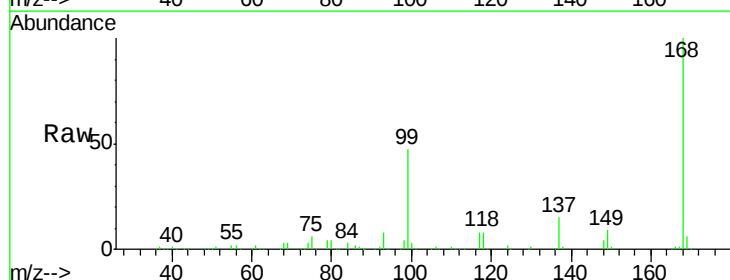
Tgt Ion: 117 Resp: 25794

Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.2#

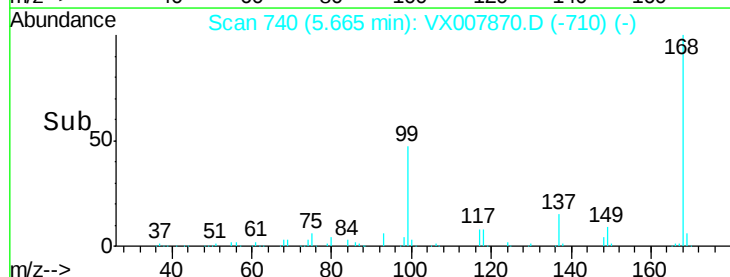
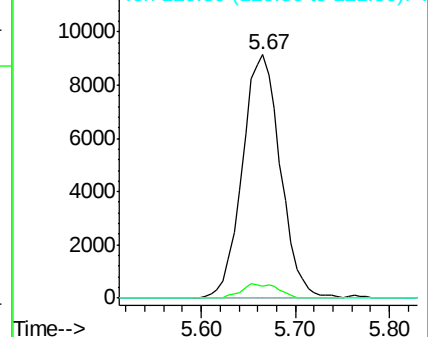
121 0.0 24.6 36.8#

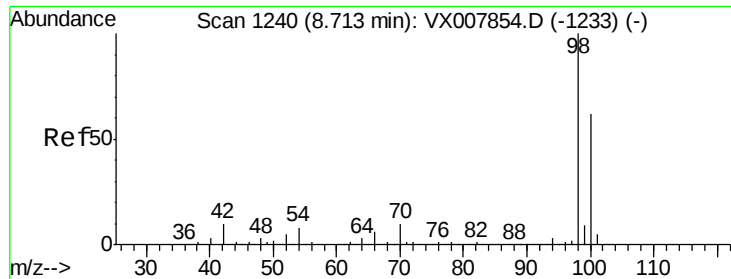


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

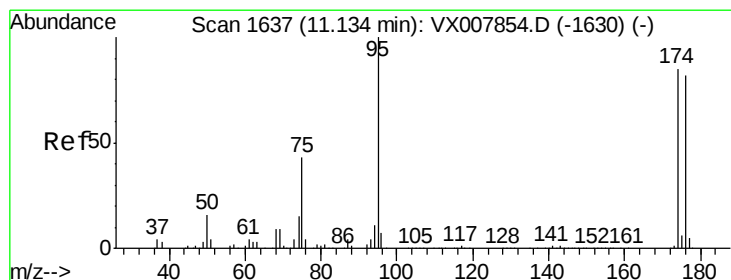
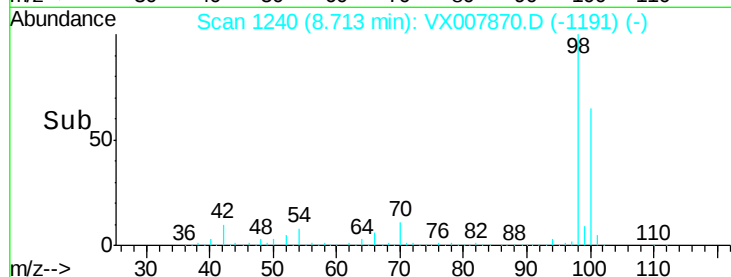
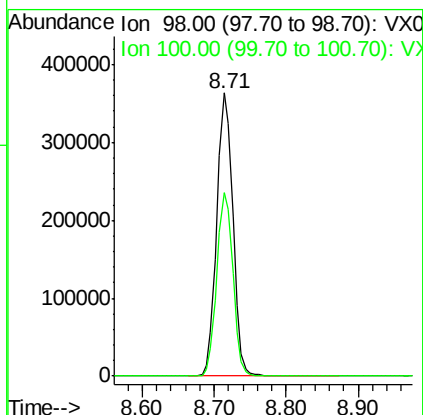
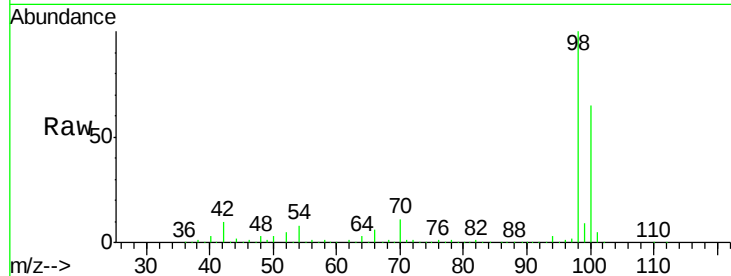




#50
Toluene-d8
Concen: 51.742 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007870.D
Acq: 06 Mar 2019 19:47

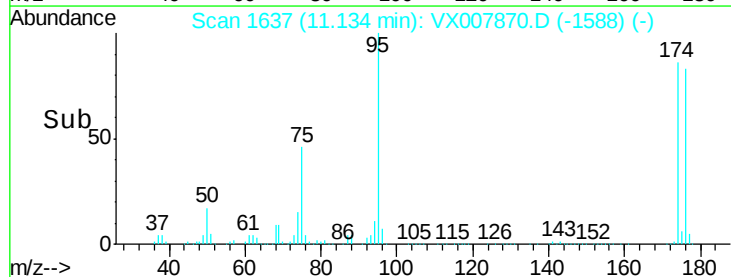
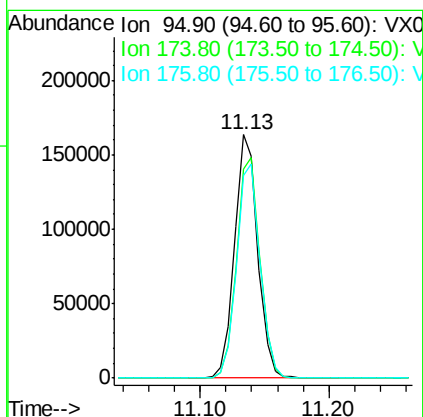
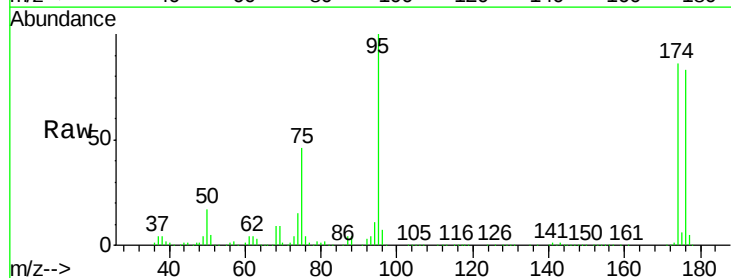
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-605-607

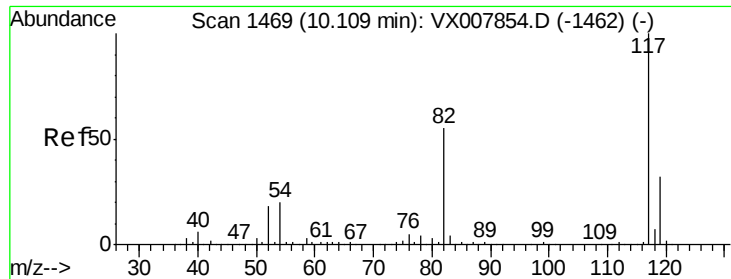
Tgt Ion: 98 Resp: 564269
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.685 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007870.D
Acq: 06 Mar 2019 19:47

Tgt Ion: 95 Resp: 205261
Ion Ratio Lower Upper
95 100
174 91.7 0.0 182.8
176 89.0 0.0 178.0

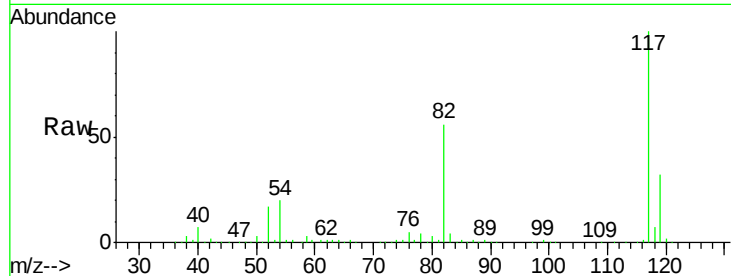




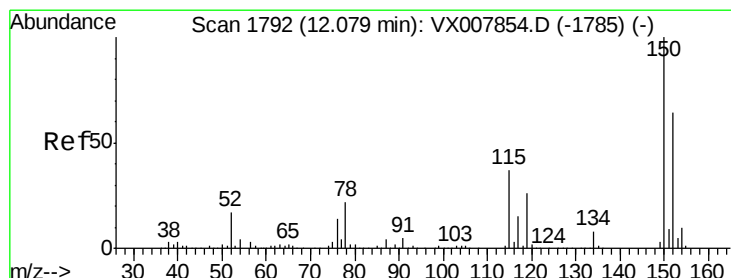
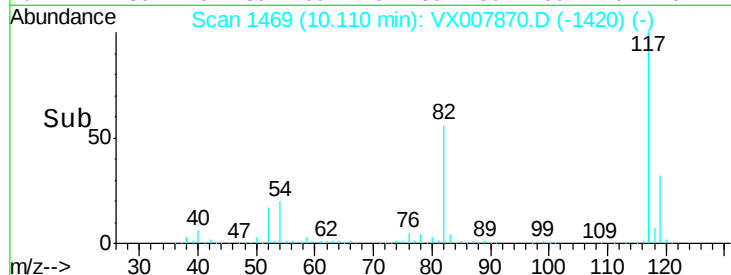
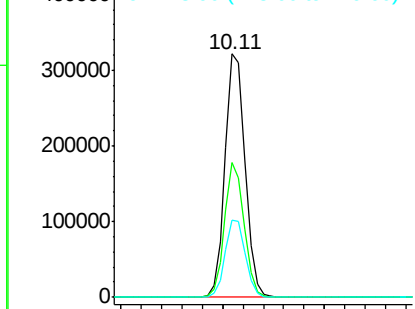
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007870.D
Acq: 06 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-605-607

Tgt Ion:117 Resp: 439322
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 31.7 25.3 37.9

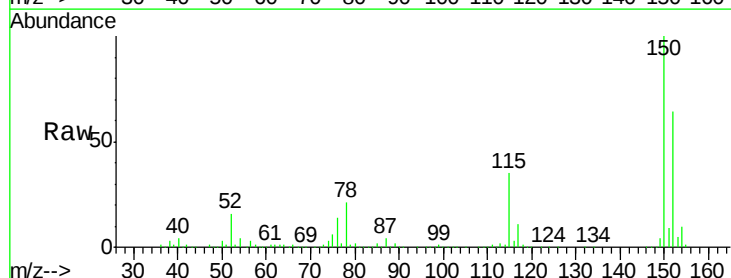


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

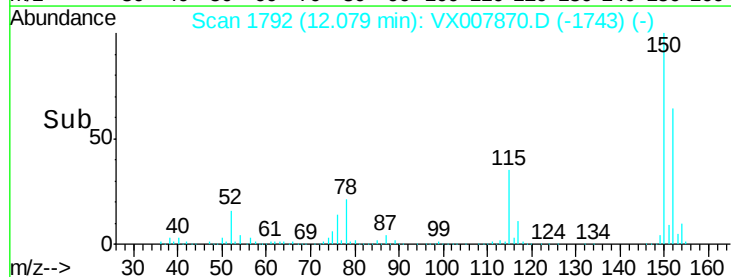
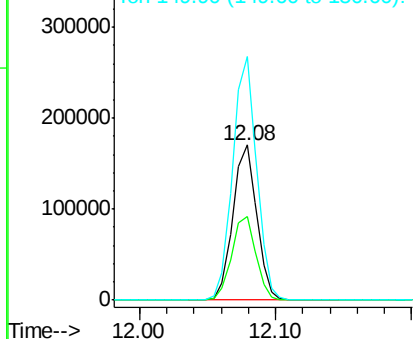


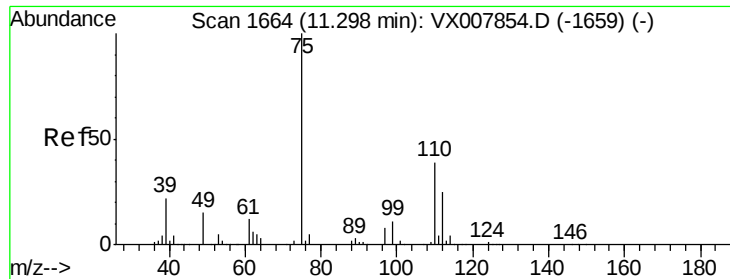
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007870.D
Acq: 06 Mar 2019 19:47

Tgt Ion:152 Resp: 208272
Ion Ratio Lower Upper
152 100
115 55.0 38.6 115.7
150 157.2 0.0 348.4



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: 21.755 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007870.D

Acq: 06 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

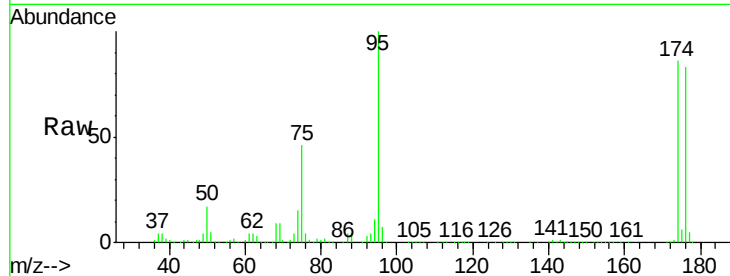
BP-VPB201-GW-605-607

Tgt Ion: 75 Resp: 95079

Ion Ratio Lower Upper

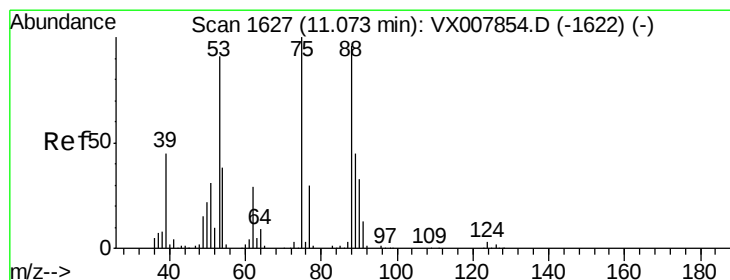
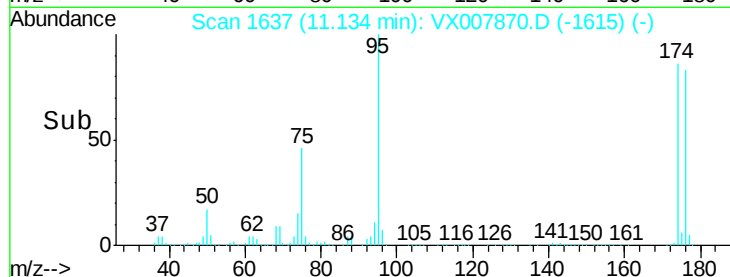
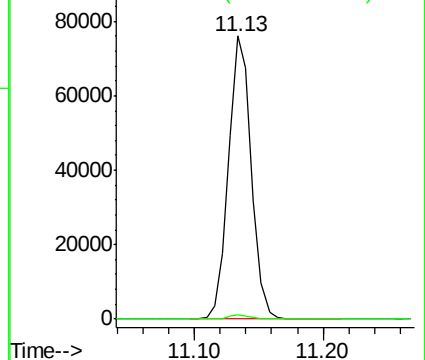
75 100

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: 69.540 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007870.D

Acq: 06 Mar 2019 19:47

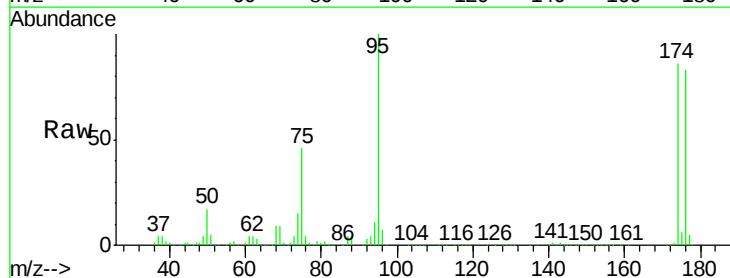
Tgt Ion: 75 Resp: 95079

Ion Ratio Lower Upper

75 100

53 0.1 76.1 114.1#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

