

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008247.D
 Acq On : 20 Mar 2019 17:19
 Operator : JC/SP
 Sample : K1963-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307I-20190314

Quant Time: Mar 22 05:33:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	533641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	454224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185678	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	228599	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
35) Dibromofluoromethane	5.50	113	169621	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
50) Toluene-d8	8.71	98	657578	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	11.13	95	211878	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	

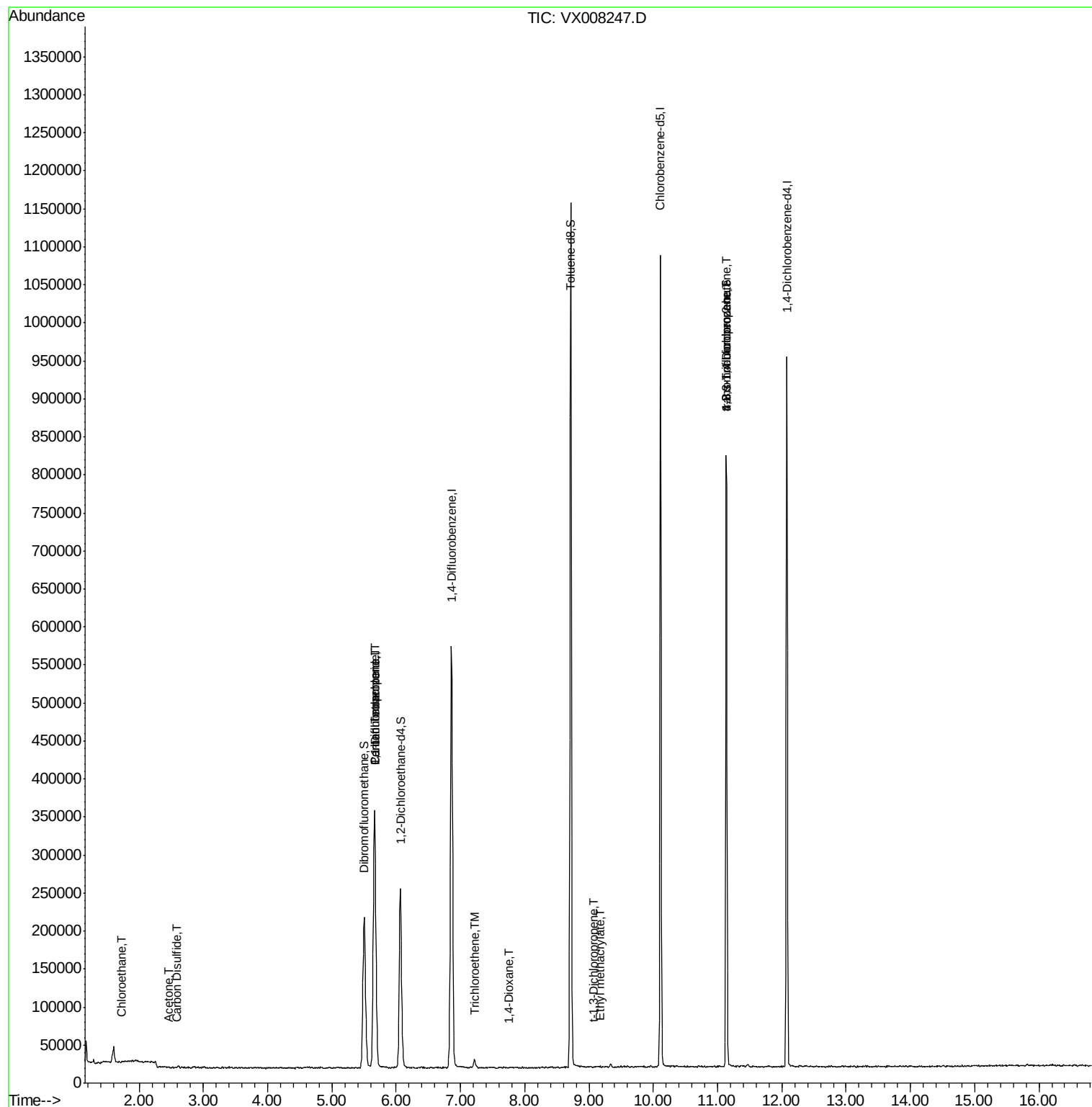
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.72	64	907	0.294	ug/l #	67
13) Acrolein	2.28	56	183	Below Cal	#	13
16) Acetone	2.45	43	1564	0.563	ug/l #	87
17) Carbon Disulfide	2.58	76	824	0.738	ug/l #	88
36) 1,1-Dichloropropene	5.66	75	26055	4.194	ug/l #	49
38) Carbon Tetrachloride	5.67	117	31864	5.756	ug/l #	17
44) Trichloroethene	7.21	130	3904	0.868	ug/l	98
49) 1,4-Dioxane	7.76	88	229	2.073	ug/l #	27
53) t-1,3-Dichloropropene	9.06	75	407	1.475	ug/l #	63
56) Ethyl methacrylate	9.18	69	134	0.543	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	108703	20.815	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	108703	52.975	ug/l #	11

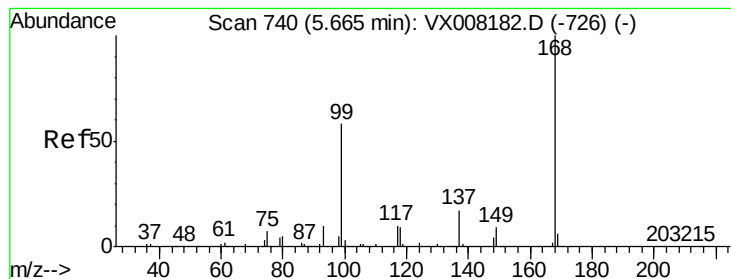
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

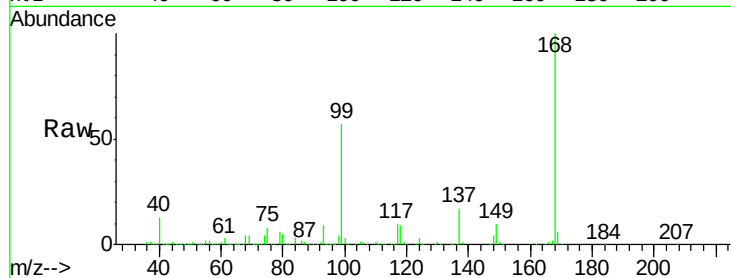
BPS1-TT-MW307I-20190314

Tot Ion:168 Resp: 324935

Ion Ratio Lower Upper

168 100

99 56.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

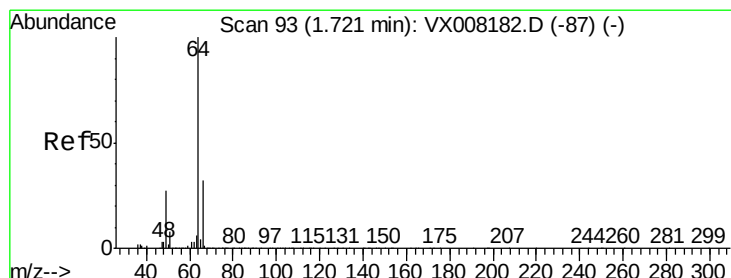
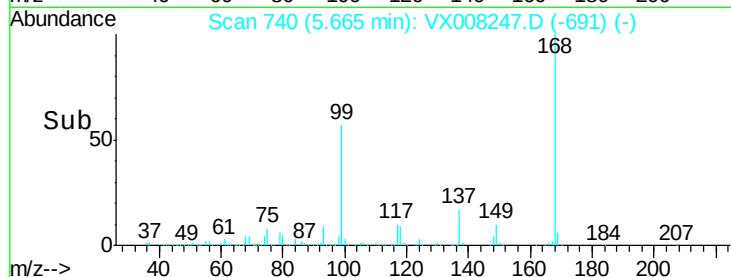
5.67

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.294 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008247.D

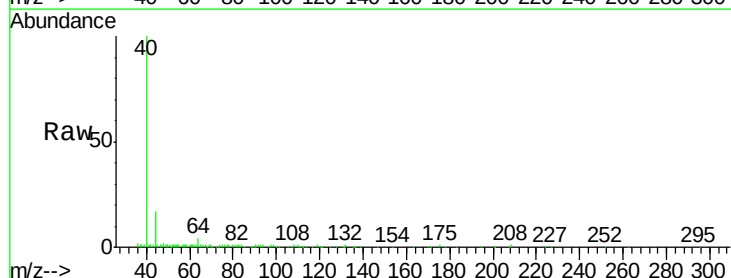
Acq: 20 Mar 2019 17:19

Tgt Ion: 64 Resp: 907

Ion Ratio Lower Upper

64 100

66 13.2 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

1000

800

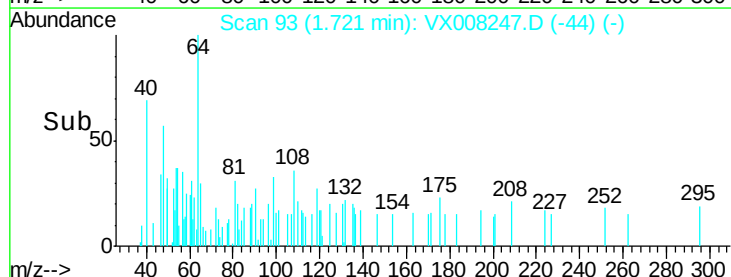
600

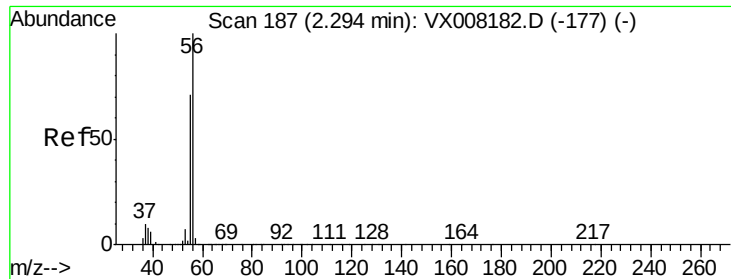
400

200

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

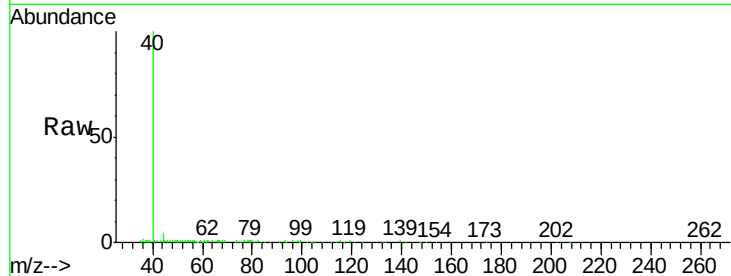
BPS1-TT-MW307I-20190314

Tot Ion: 56 Resp: 183

Ion Ratio Lower Upper

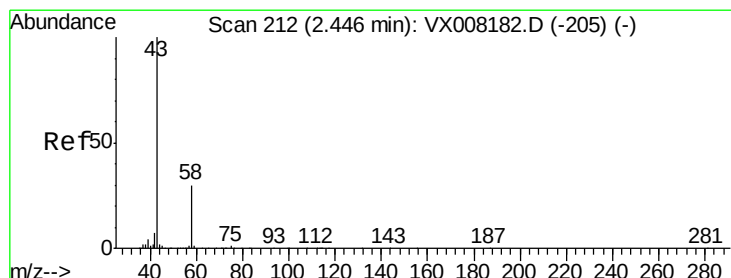
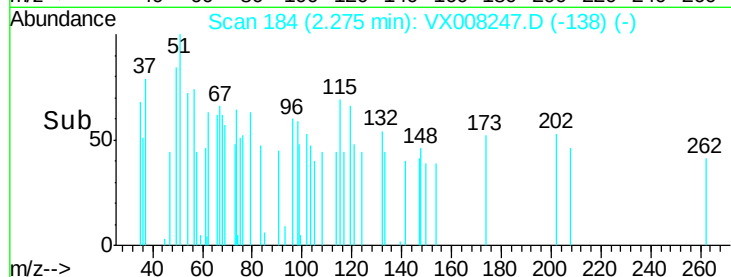
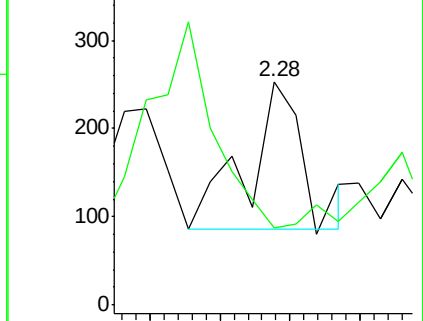
56 100

55 0.0 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.563 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008247.D

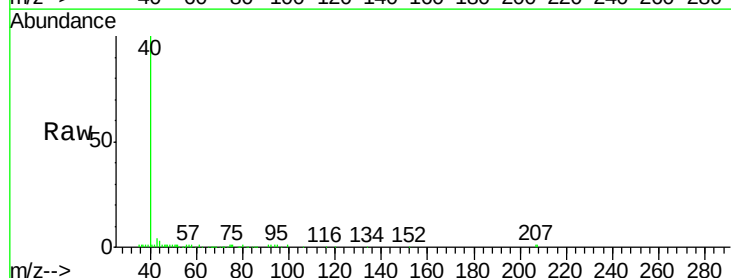
Acq: 20 Mar 2019 17:19

Tgt Ion: 43 Resp: 1564

Ion Ratio Lower Upper

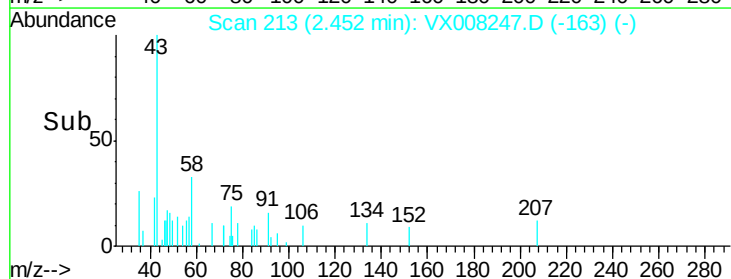
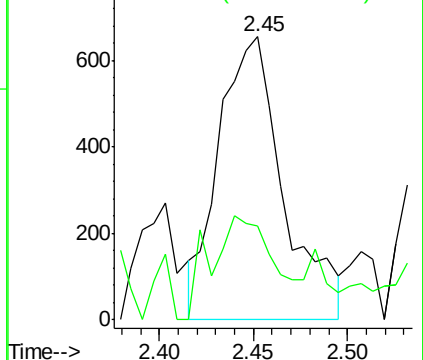
43 100

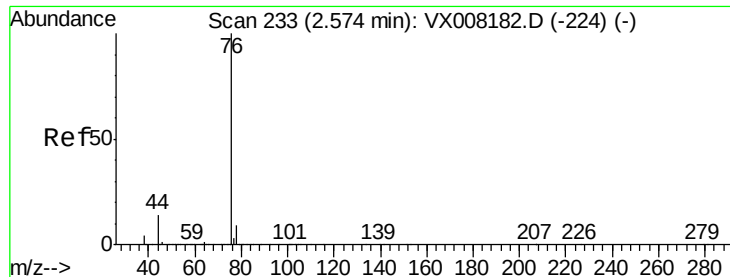
58 39.4 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.738 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

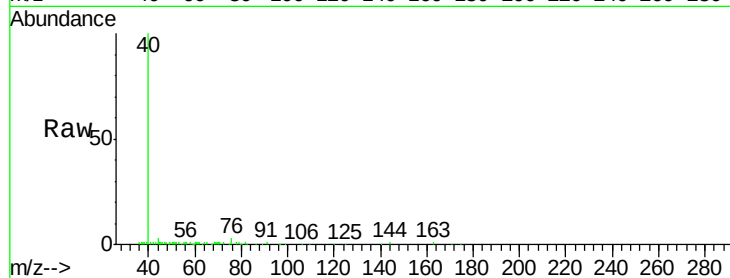
BPS1-TT-MW307I-20190314

Tot Ion: 76 Resp: 824

Ion Ratio Lower Upper

76 100

78 13.5 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.58

400

300

200

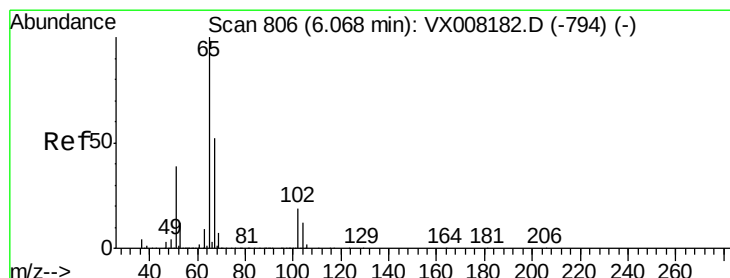
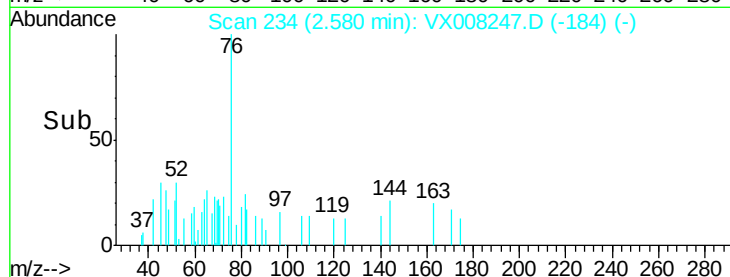
100

0

2.55

2.60

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.712 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008247.D

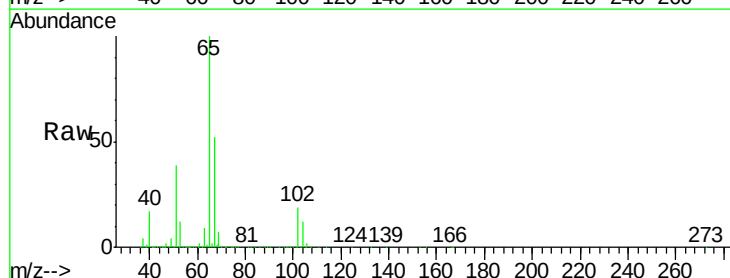
Acq: 20 Mar 2019 17:19

Tgt Ion: 65 Resp: 228599

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

100000

80000

60000

40000

20000

0

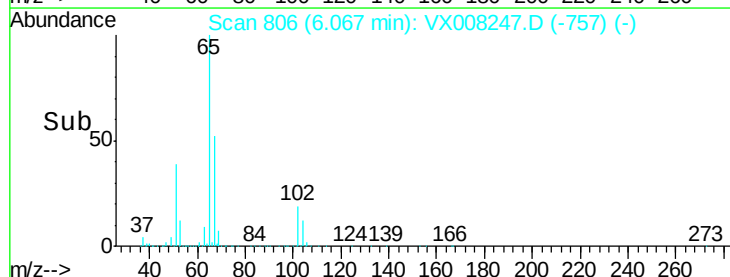
5.90

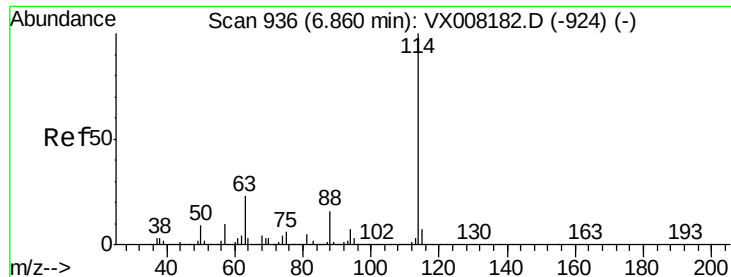
6.00

6.10

6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307I-20190314

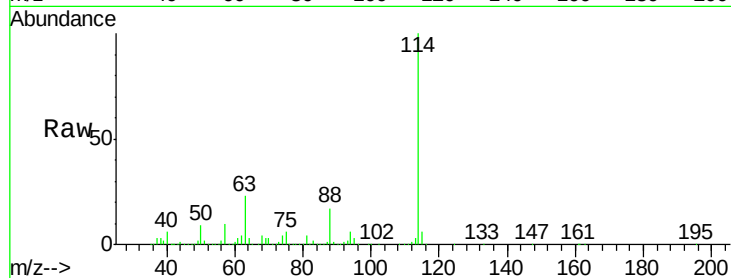
Tot Ion:114 Resp: 533641

Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.8

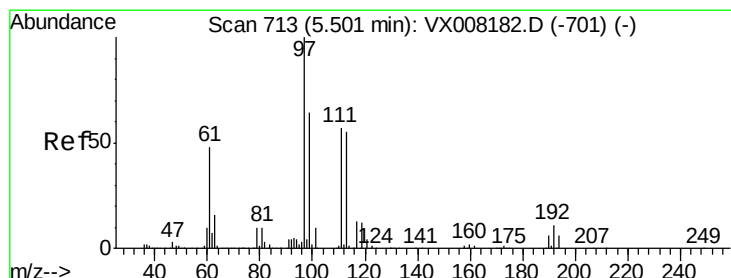
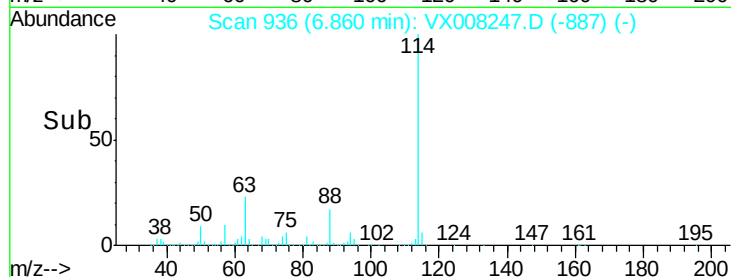
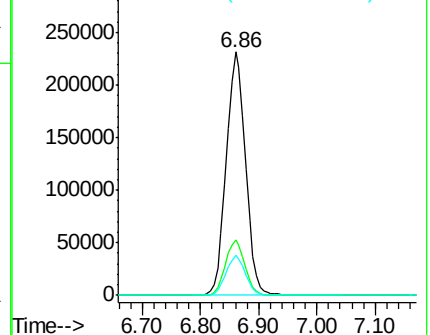
88 16.5 0.0 31.4



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: 47.481 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

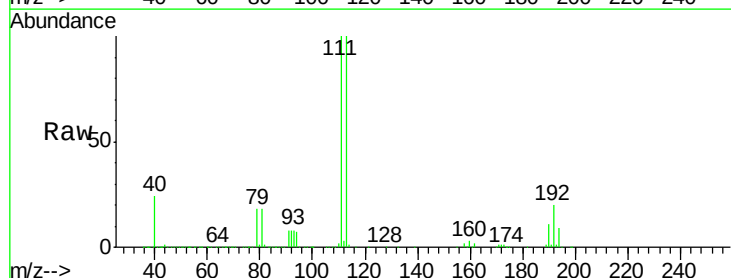
Tgt Ion:113 Resp: 169621

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

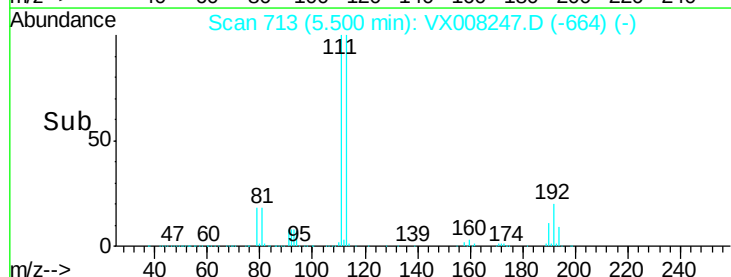
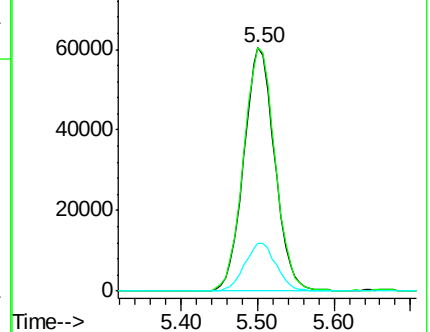
192 20.3 19.4 29.0

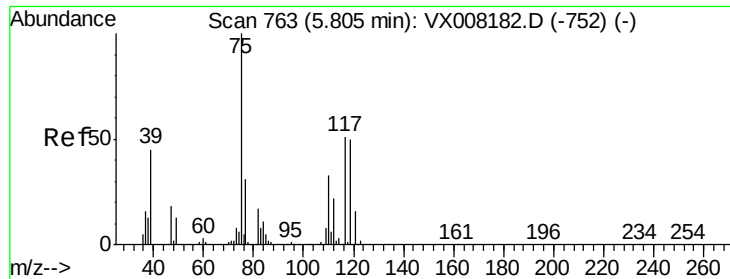


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.194 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.15 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307I-20190314

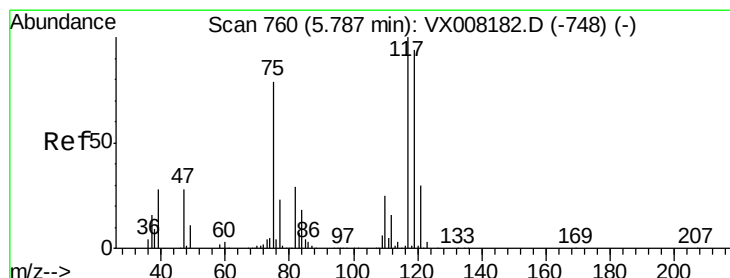
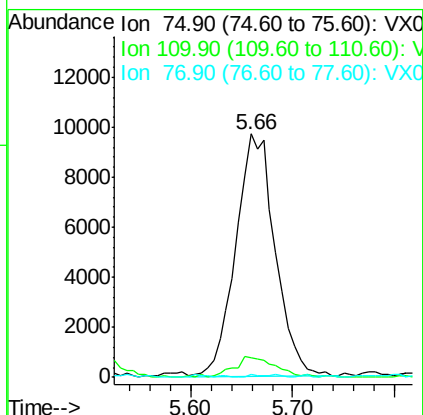
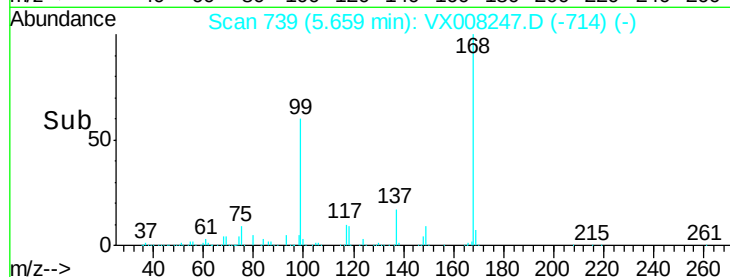
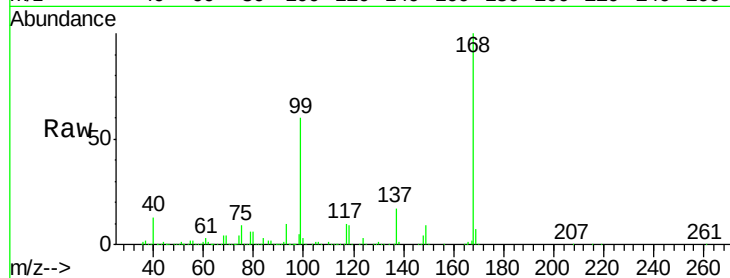
Tot Ion: 75 Resp: 26055

Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.756 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

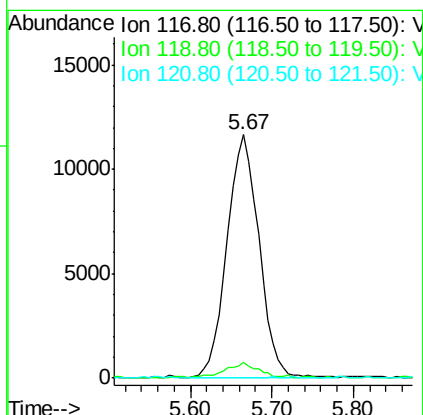
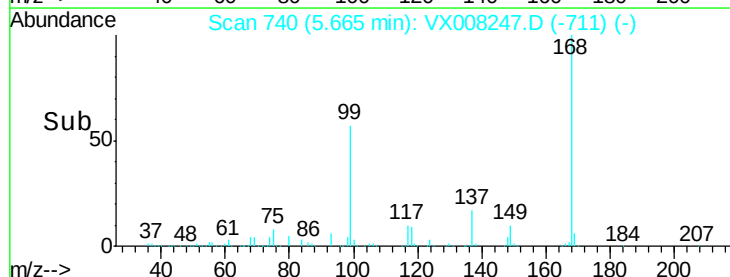
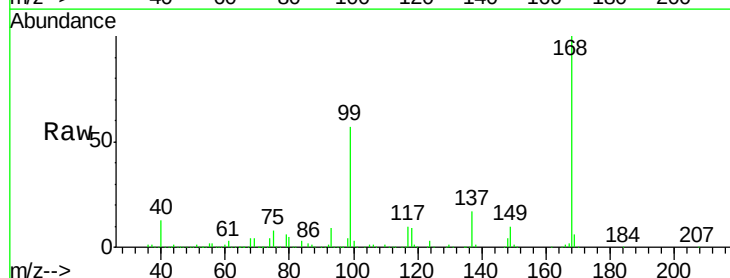
Tgt Ion: 117 Resp: 31864

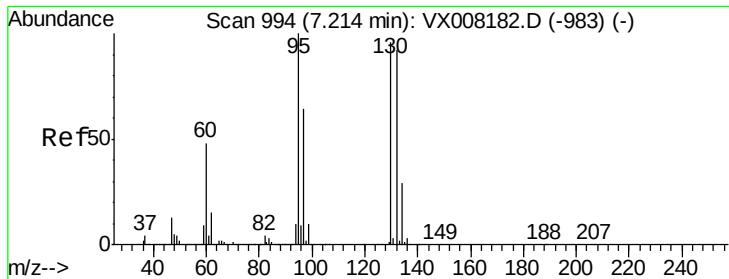
Ion Ratio Lower Upper

117 100

119 6.5 76.2 114.2#

121 0.0 24.6 36.8#





#44

Trichloroethene

Concen: 0.868 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

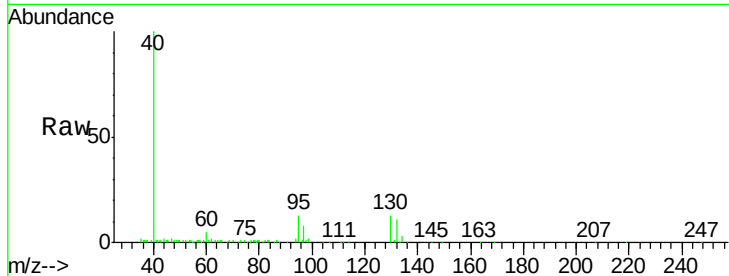
BPS1-TT-MW307I-20190314

Tot Ion:130 Resp: 3904

Ion Ratio Lower Upper

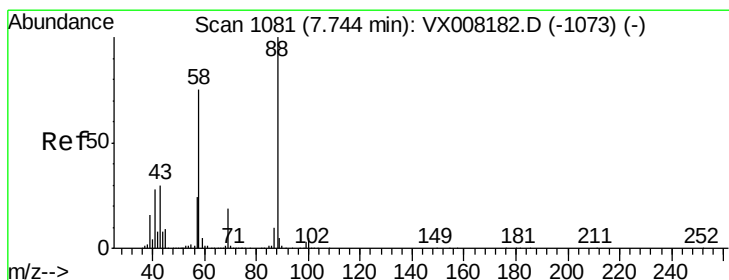
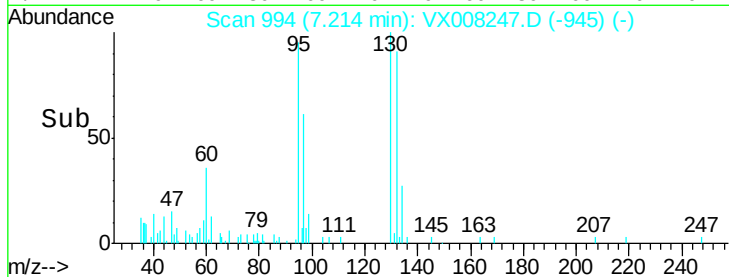
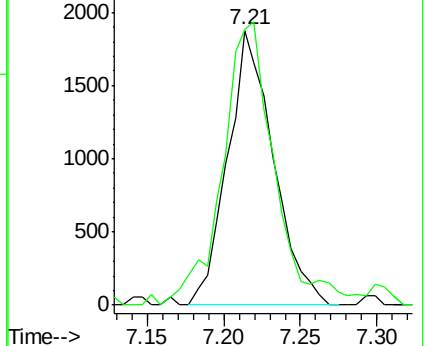
130 100

95 95.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 2.073 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

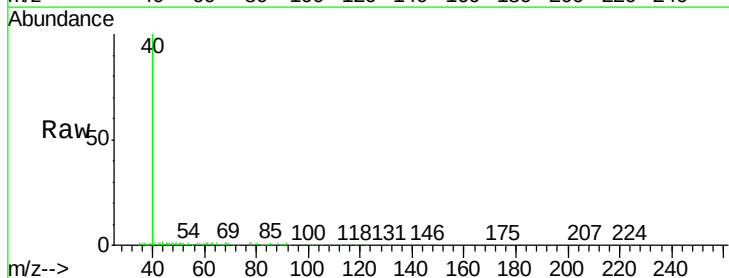
Tgt Ion: 88 Resp: 229

Ion Ratio Lower Upper

88 100

43 102.2 25.1 37.7#

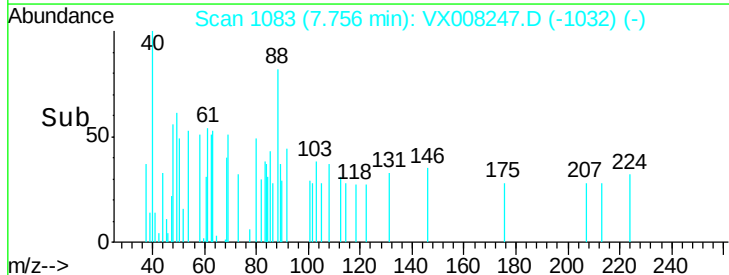
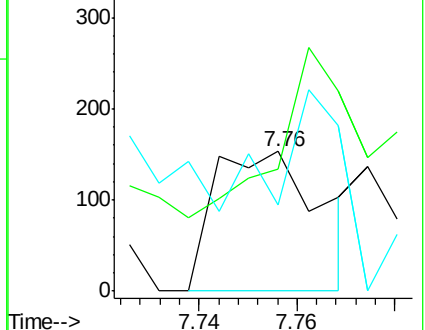
58 113.1 57.8 86.6#

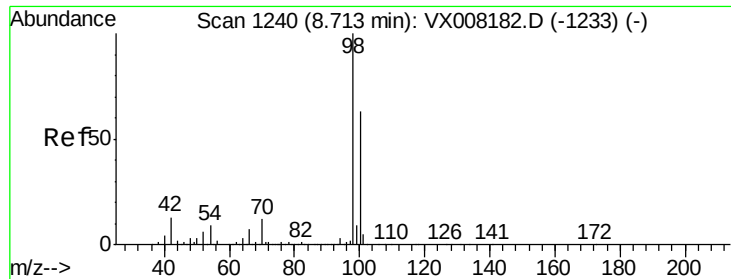


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.551 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

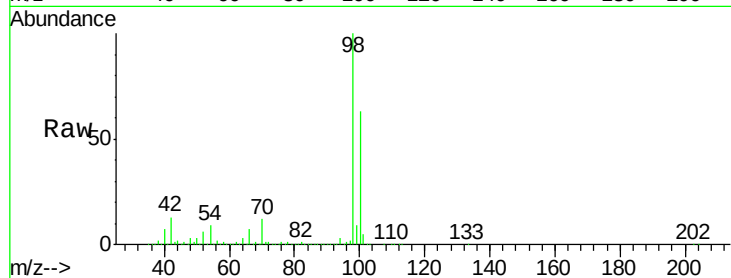
BPS1-TT-MW307I-20190314

Tot Ion: 98 Resp: 657578

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

300000

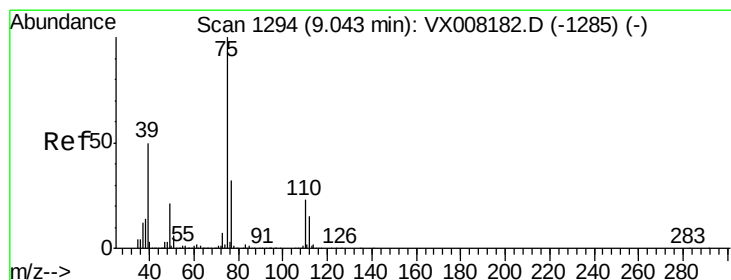
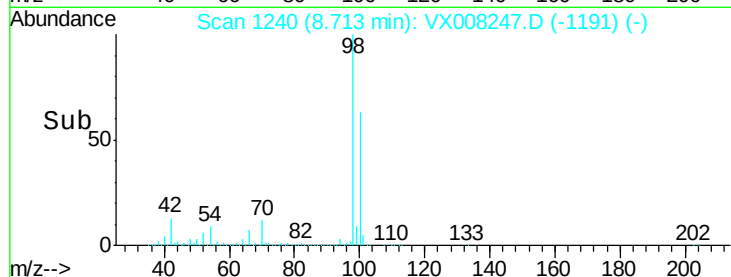
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#53

t-1,3-Dichloropropene

Concen: 1.475 ug/l

RT: 9.06 min Scan# 1297

Delta R.T. 0.02 min

Lab File: VX008247.D

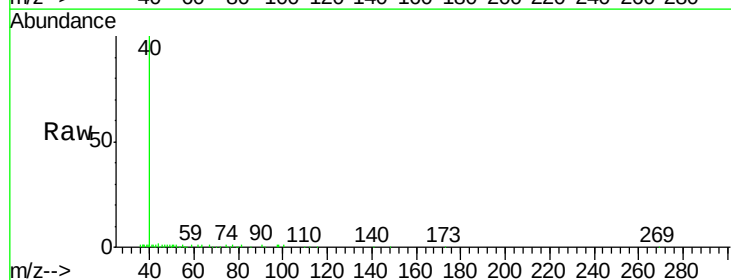
Acq: 20 Mar 2019 17:19

Tgt Ion: 75 Resp: 407

Ion Ratio Lower Upper

75 100

77 52.5 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.06

150

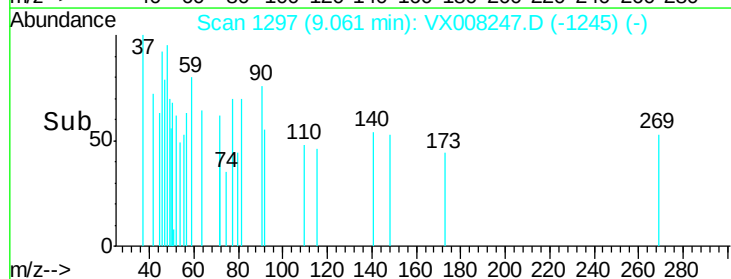
100

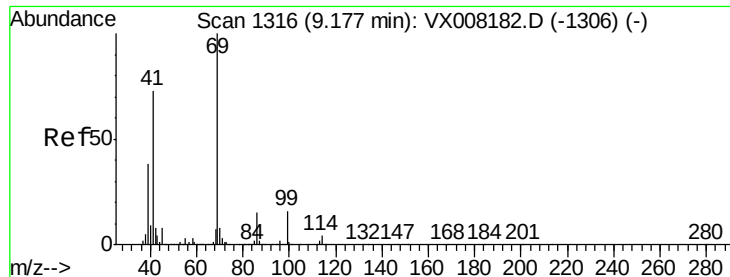
50

0

Time-->

9.00 9.05 9.10





#56

Ethyl methacrylate

Concen: 0.543 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307I-20190314

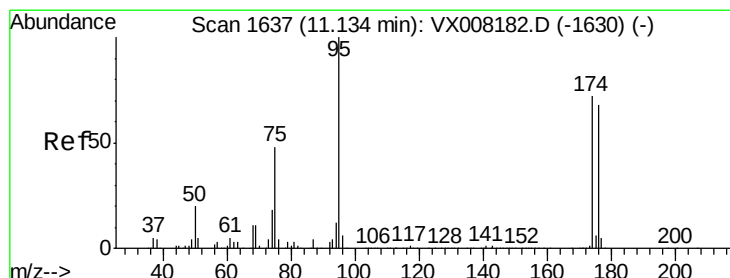
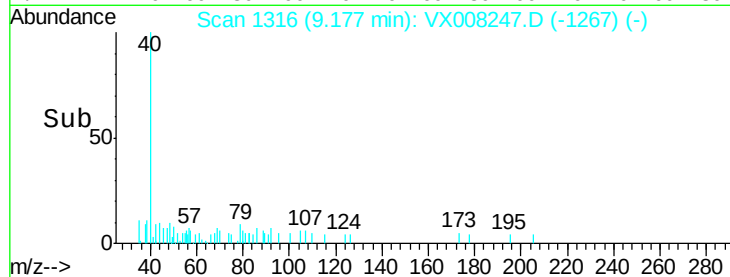
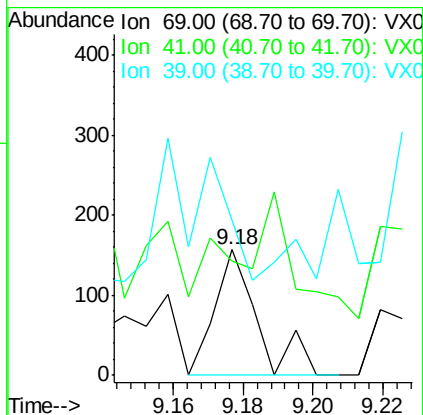
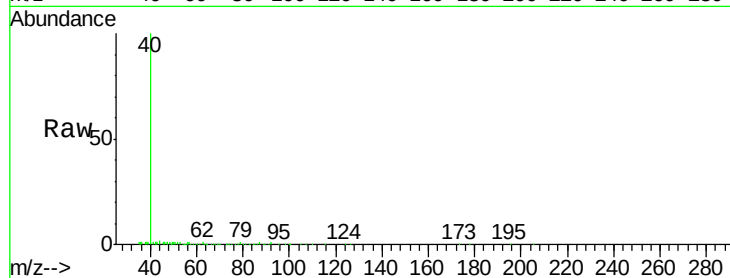
Tot Ion: 69 Resp: 134

Ion Ratio Lower Upper

69 100

41 0.0 54.2 81.4#

39 138.1 25.0 37.4#



#62

4-Bromofluorobenzene

Concen: 45.433 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008247.D

Acq: 20 Mar 2019 17:19

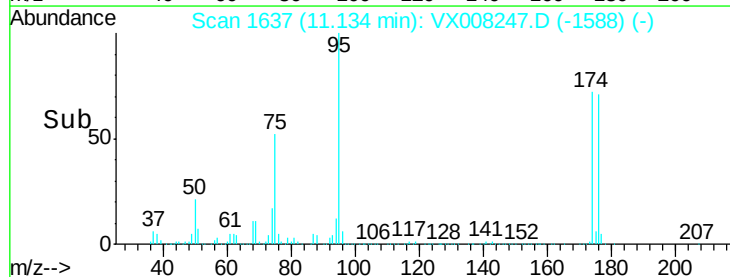
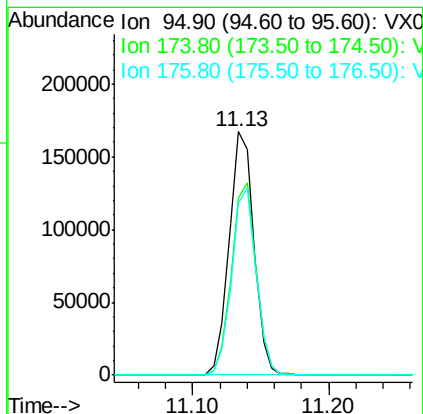
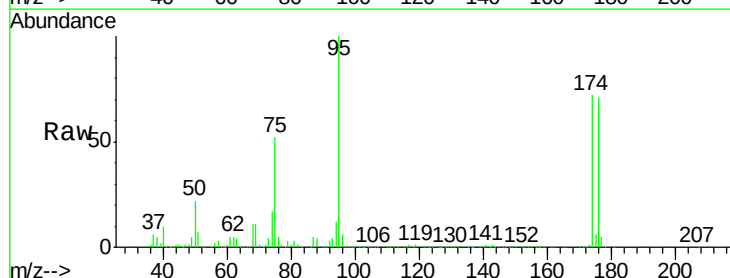
Tgt Ion: 95 Resp: 211878

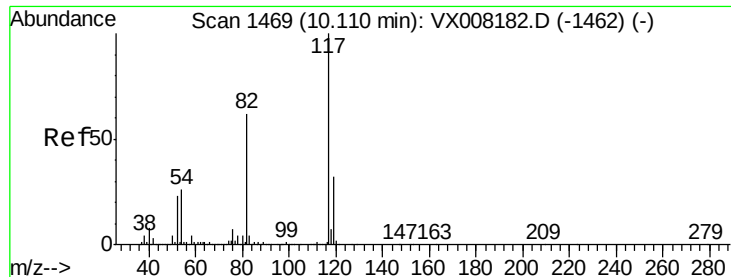
Ion Ratio Lower Upper

95 100

174 78.7 0.0 182.8

176 76.3 0.0 178.0

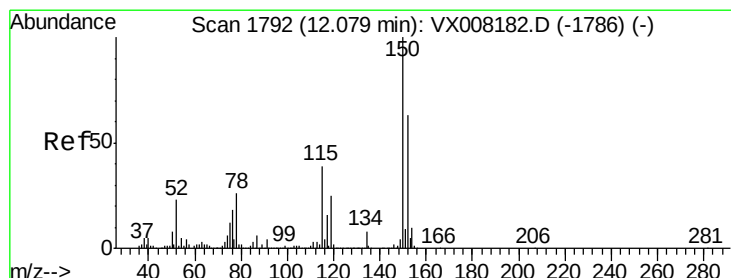
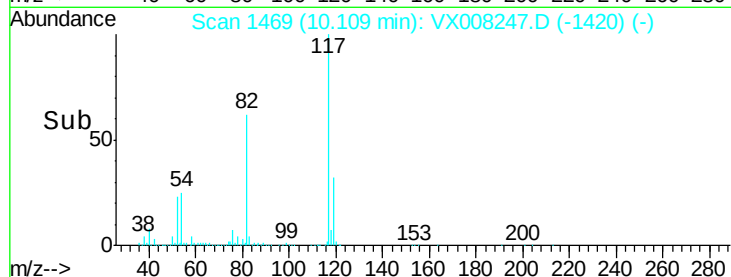
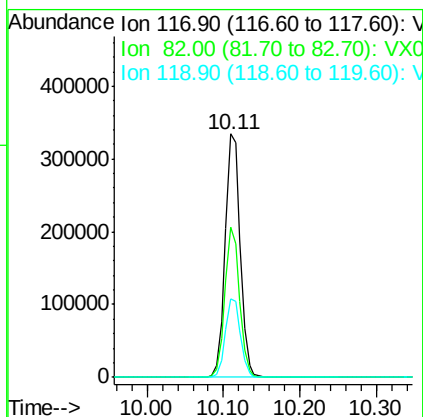
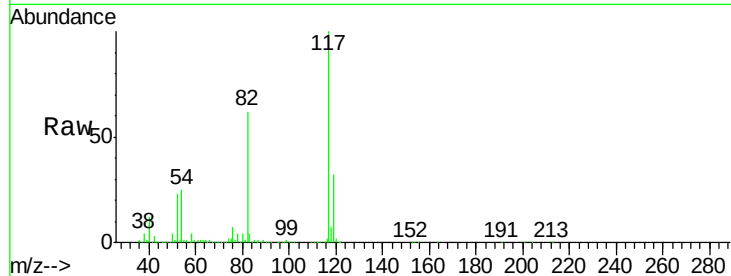




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008247.D
Acq: 20 Mar 2019 17:19

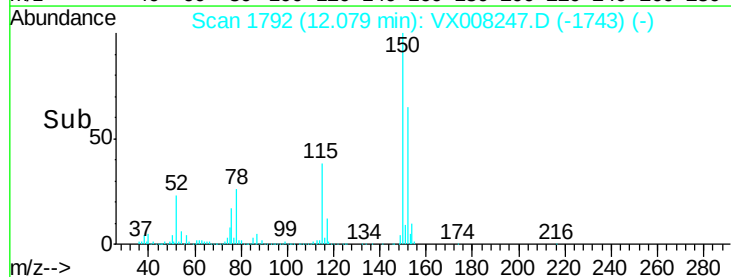
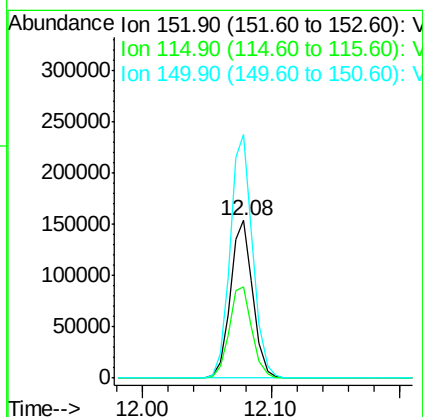
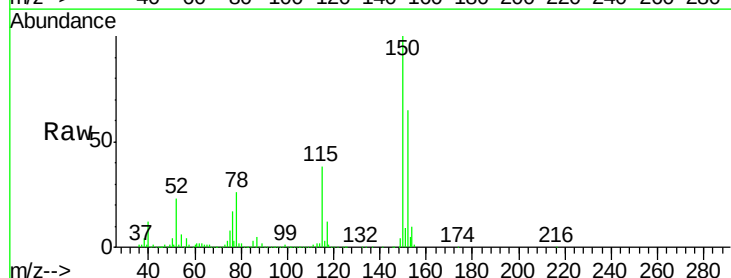
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW307I-20190314

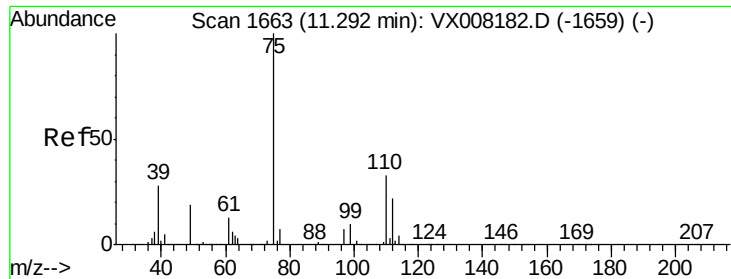
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.8	44.3	66.5
119	32.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008247.D
Acq: 20 Mar 2019 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	38.6	115.7
150	156.2	0.0	348.4

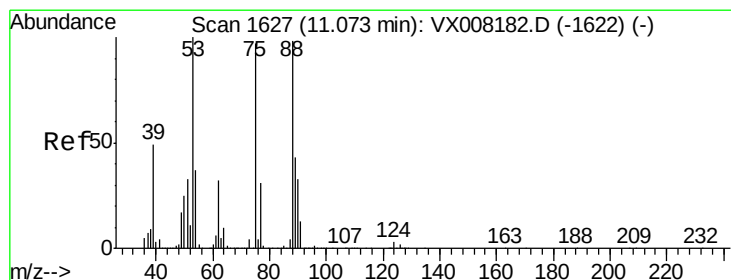
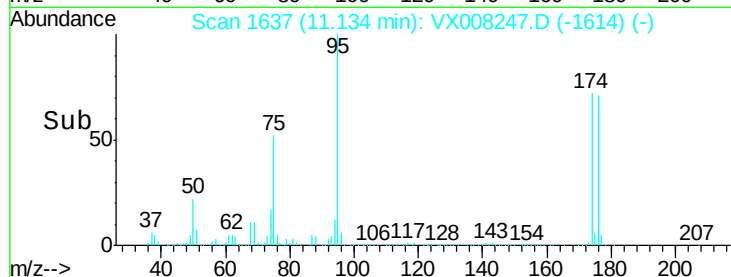
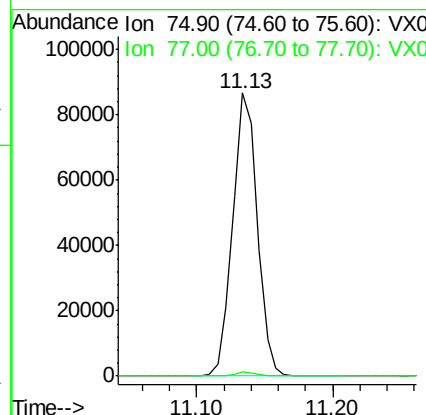
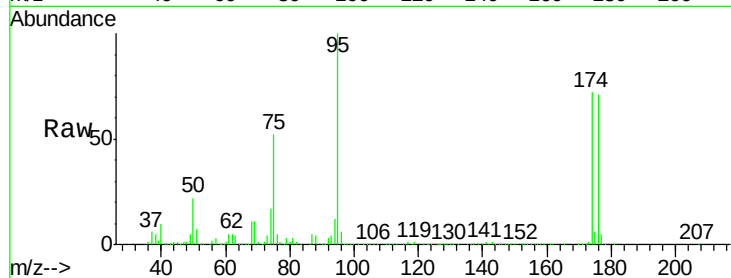




#76
 1,2,3-Trichloropropane
 Concen: 20.815 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008247.D
 Acq: 20 Mar 2019 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307I-20190314

Tot Ion: 75 Resp: 108703
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.9 56.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.975 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008247.D
 Acq: 20 Mar 2019 17:19

Tgt Ion: 75 Resp: 108703
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.1 114.1#
 89 0.0 36.3 54.5#

