

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008248.D
 Acq On : 20 Mar 2019 17:44
 Operator : JC/SP
 Sample : K1963-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP03-20190314

Quant Time: Mar 22 05:33:41 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	321476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	524703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	441839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178292	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	228591	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
35) Dibromofluoromethane	5.50	113	167243	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	8.71	98	645564	48.48	ug/l	0.00
Spiked Amount			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.13	95	203763	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	

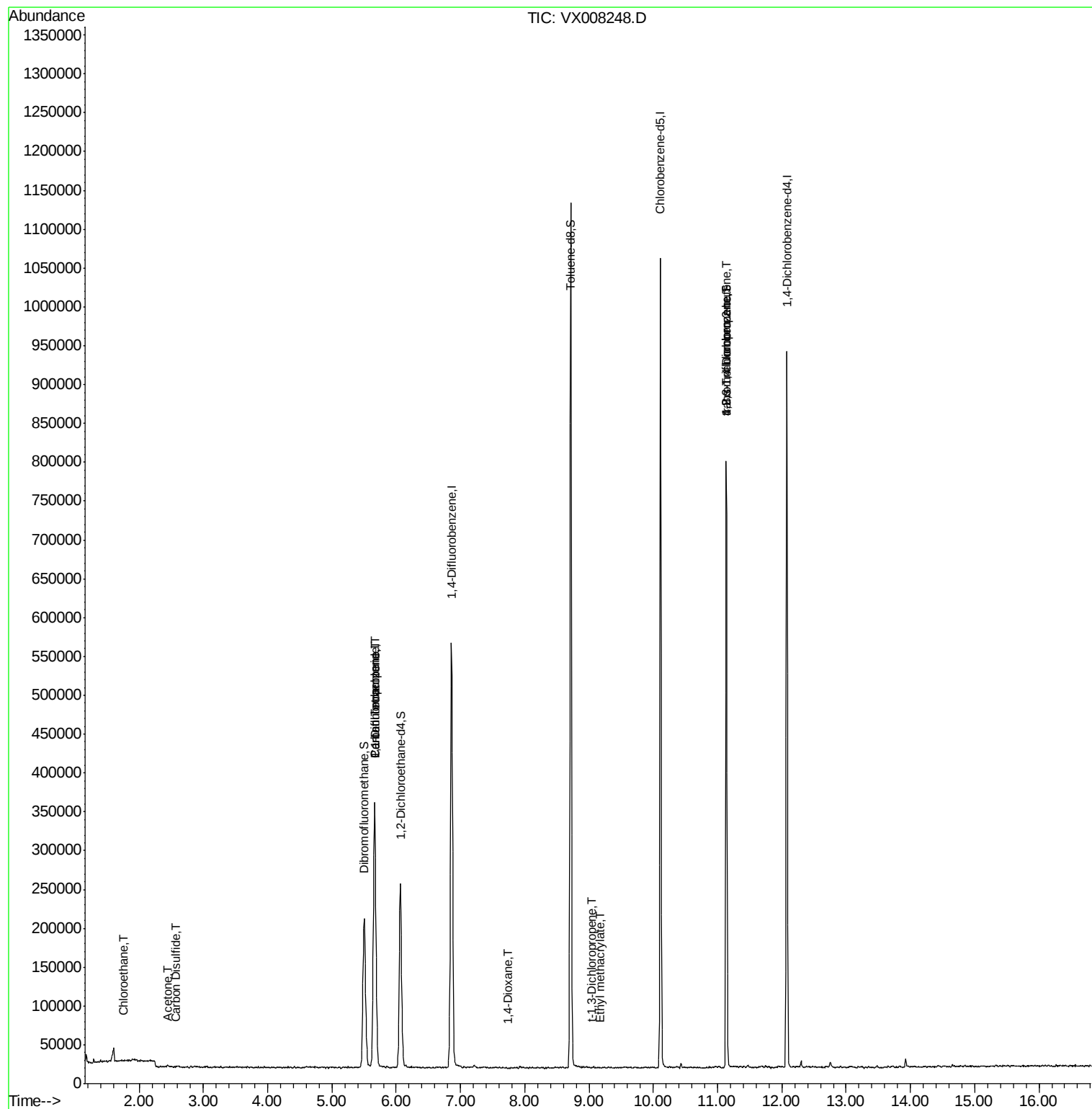
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.76	64	2612	0.854	ug/l #	66
13) Acrolein	2.30	56	291	Below Cal	#	13
16) Acetone	2.45	43	2842	1.035	ug/l	97
17) Carbon Disulfide	2.57	76	1093	0.760	ug/l #	68
36) 1,1-Dichloropropene	5.66	75	26650	4.362	ug/l #	50
38) Carbon Tetrachloride	5.67	117	31550	5.796	ug/l #	16
49) 1,4-Dioxane	7.73	88	24	0.221	ug/l #	1
53) t-1,3-Dichloropropene	9.04	75	226	1.452	ug/l #	1
56) Ethyl methacrylate	9.18	69	90	0.537	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	106761	21.290	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	106761	54.151	ug/l #	12

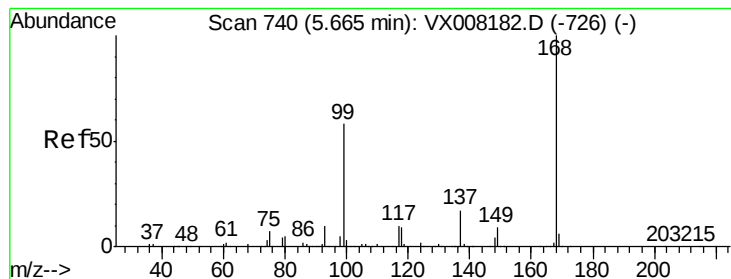
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 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: VX008248.D

Acq: 20 Mar 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

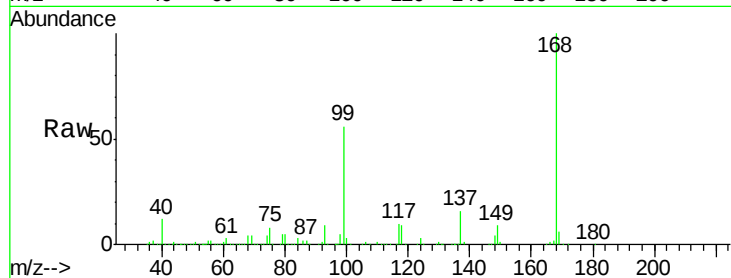
BP-DUP03-20190314

Tot Ion:168 Resp: 321476

Ion Ratio Lower Upper

168 100

99 56.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

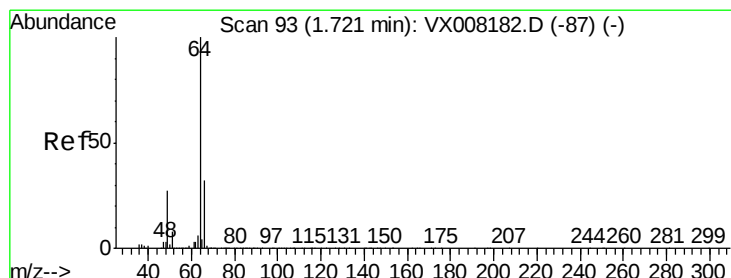
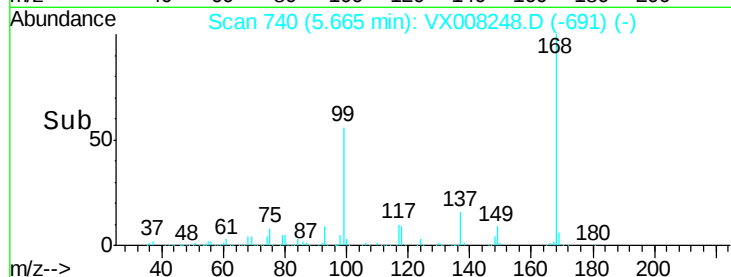
5.67

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.854 ug/l

RT: 1.76 min Scan# 99

Delta R.T. 0.04 min

Lab File: VX008248.D

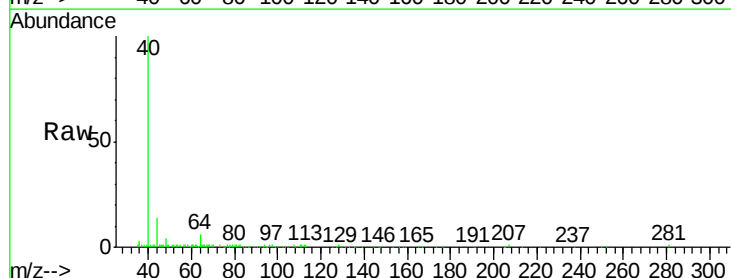
Acq: 20 Mar 2019 17:44

Tgt Ion: 64 Resp: 2612

Ion Ratio Lower Upper

64 100

66 12.7 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.76

1200

1000

800

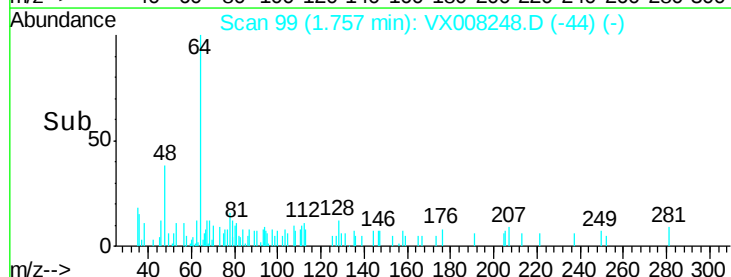
600

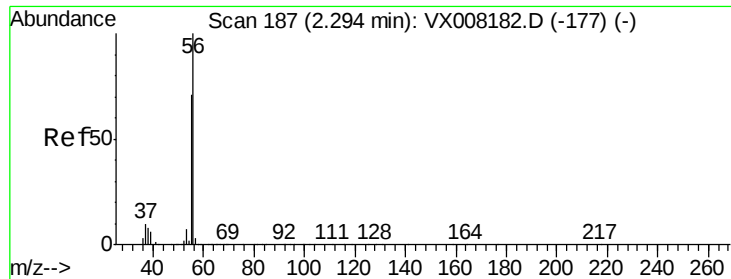
400

200

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008248.D

Acq: 20 Mar 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

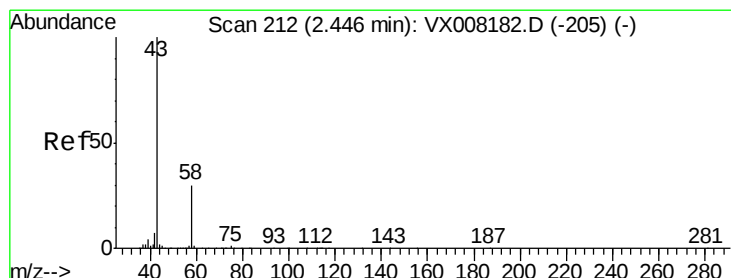
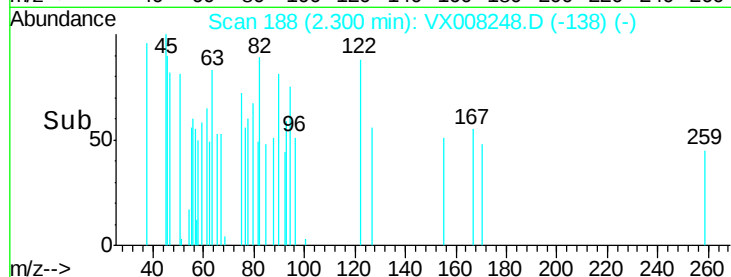
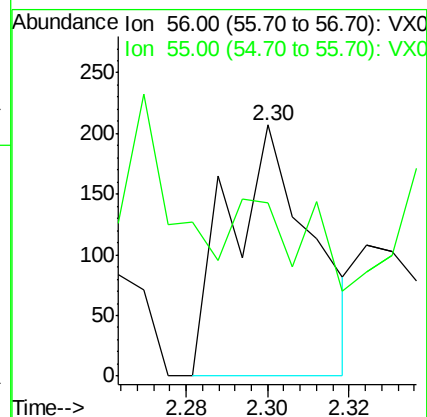
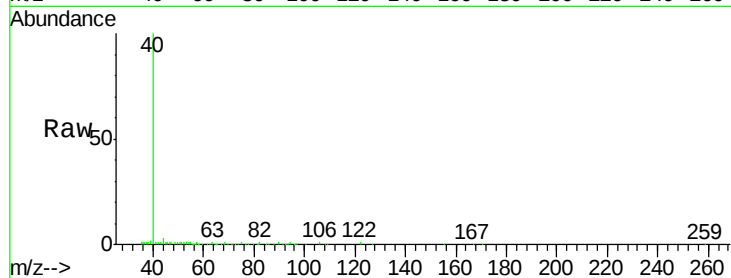
BP-DUP03-20190314

Tot Ion: 56 Resp: 291

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



#16

Acetone

Concen: 1.035 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008248.D

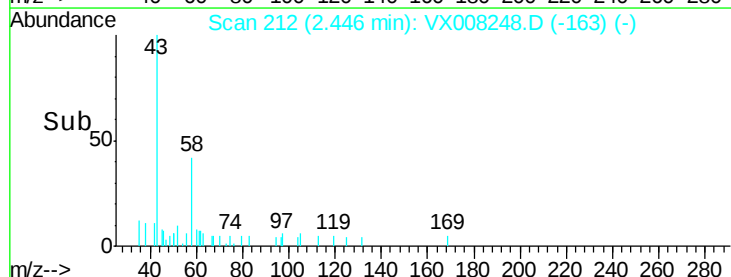
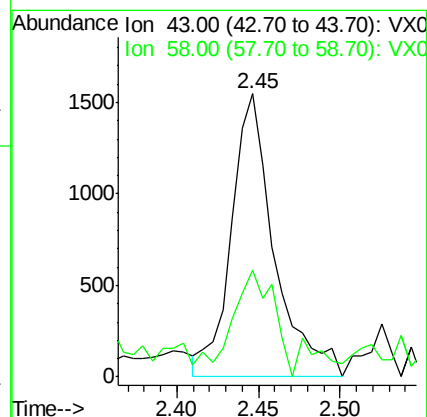
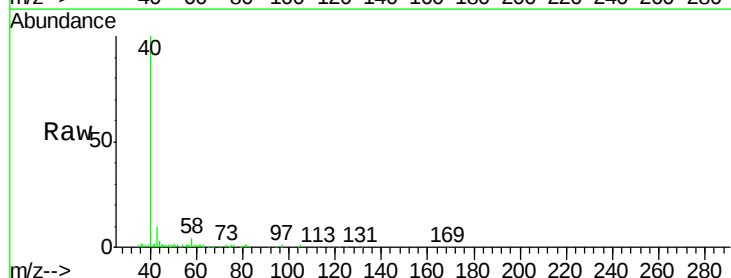
Acq: 20 Mar 2019 17:44

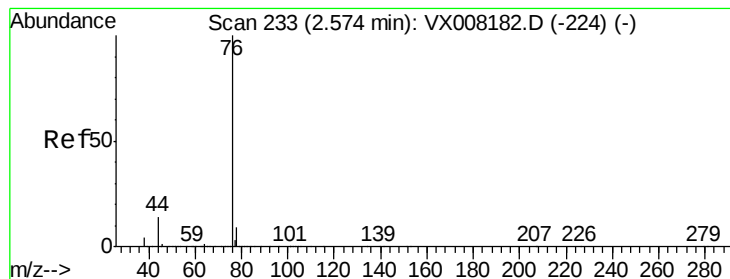
Tgt Ion: 43 Resp: 2842

Ion Ratio Lower Upper

43 100

58 33.7 25.5 38.3





#17

Carbon Disulfide

Concen: 0.760 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX008248.D

Acq: 20 Mar 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

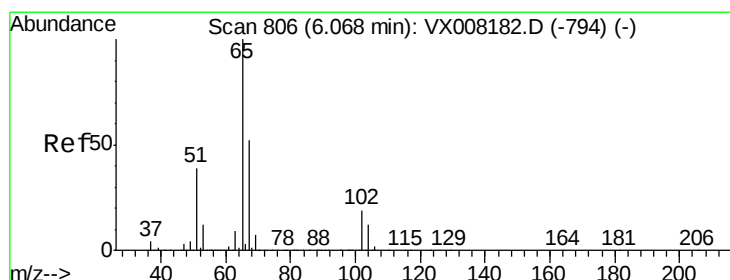
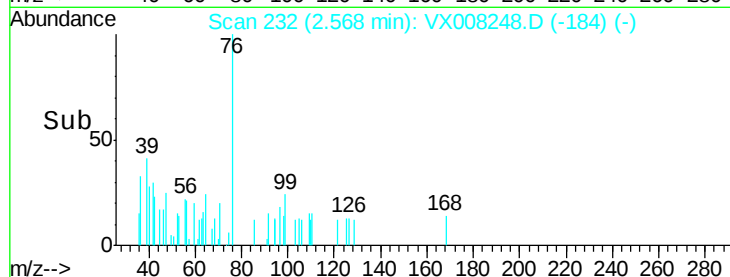
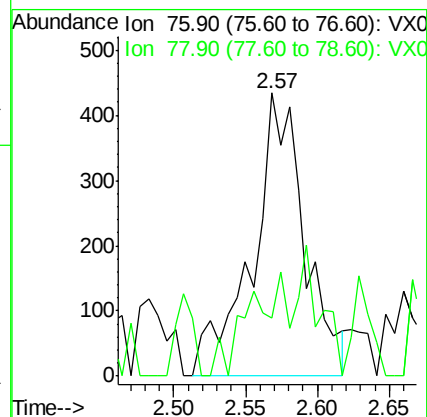
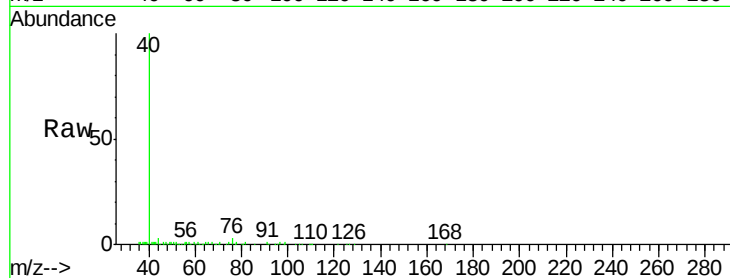
BP-DUP03-20190314

Tot Ion: 76 Resp: 1093

Ion Ratio Lower Upper

76 100

78 20.5 7.2 10.8#



#33

1,2-Dichloroethane-d4

Concen: 47.213 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008248.D

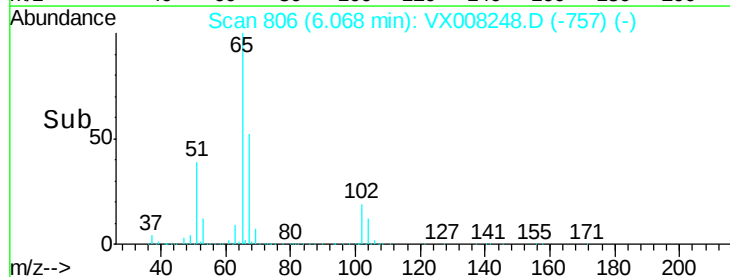
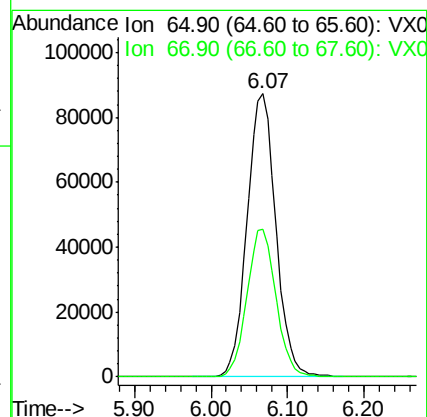
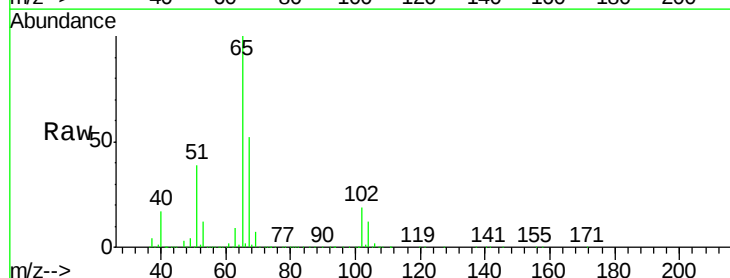
Acq: 20 Mar 2019 17:44

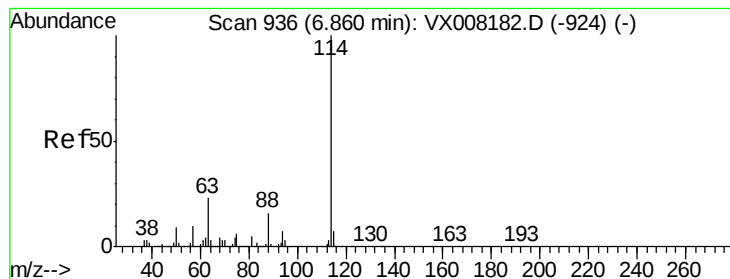
Tgt Ion: 65 Resp: 228591

Ion Ratio Lower Upper

65 100

67 52.4 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008248.D

Acq: 20 Mar 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP03-20190314

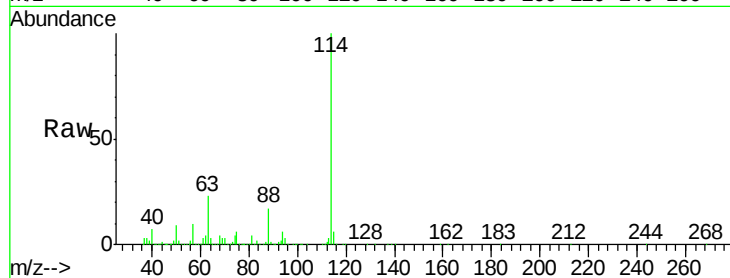
Tot Ion:114 Resp: 524703

Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.8

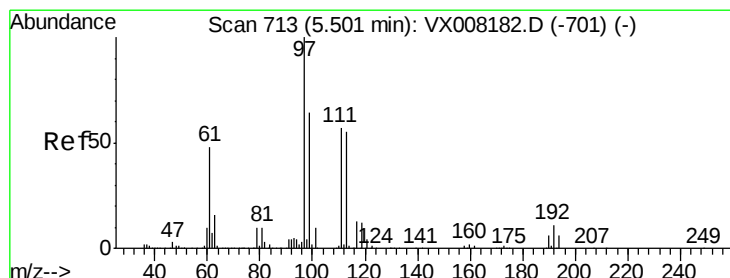
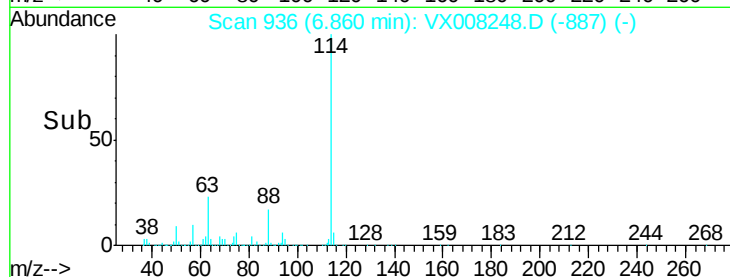
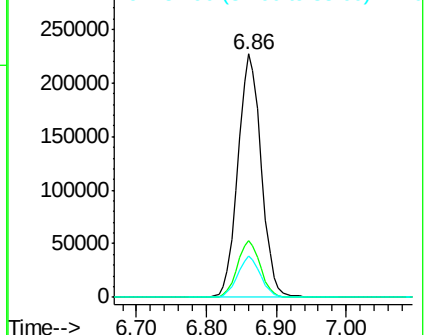
88 17.0 0.0 31.4



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: 47.613 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008248.D

Acq: 20 Mar 2019 17:44

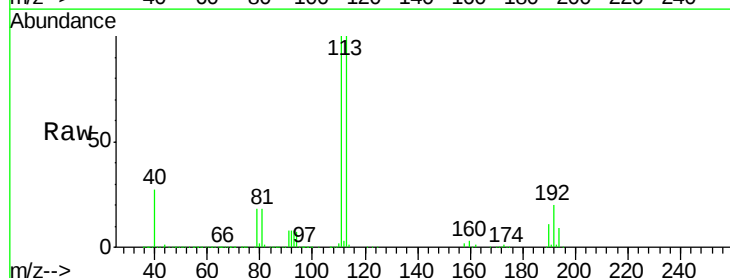
Tgt Ion:113 Resp: 167243

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

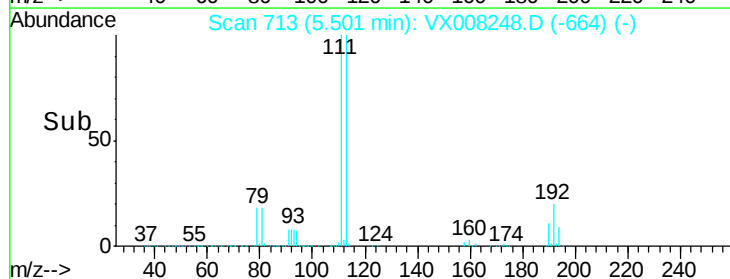
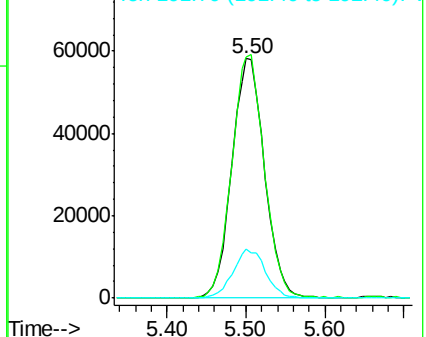
192 20.4 19.4 29.0

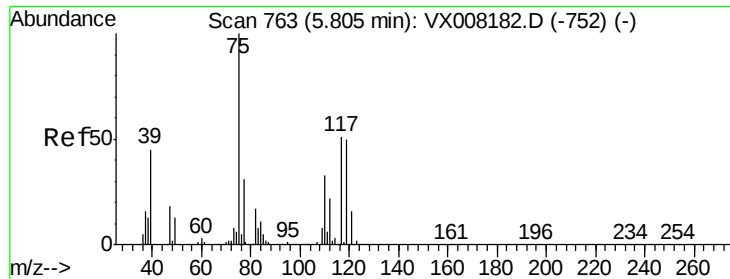


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

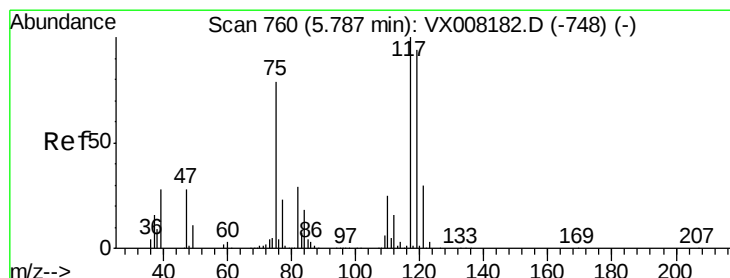
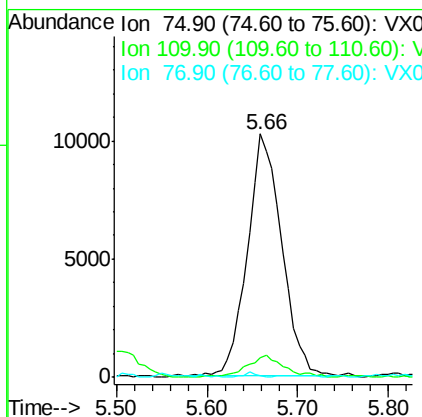
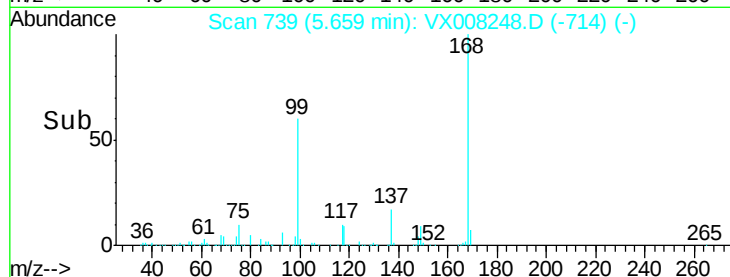
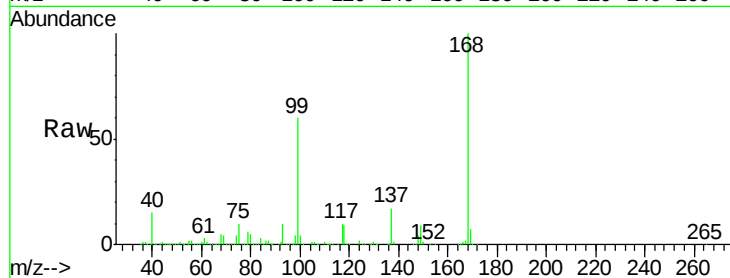




#36
 1,1-Dichloropropene
 Concen: 4.362 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.15 min
 Lab File: VX008248.D
 Acq: 20 Mar 2019 17:44

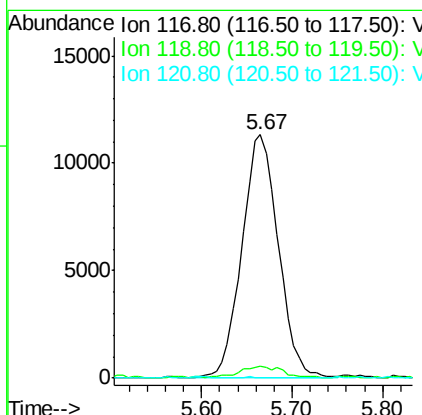
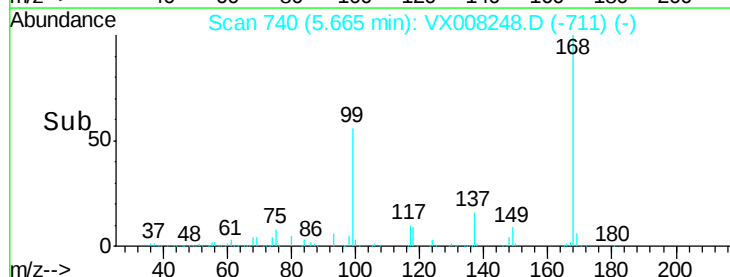
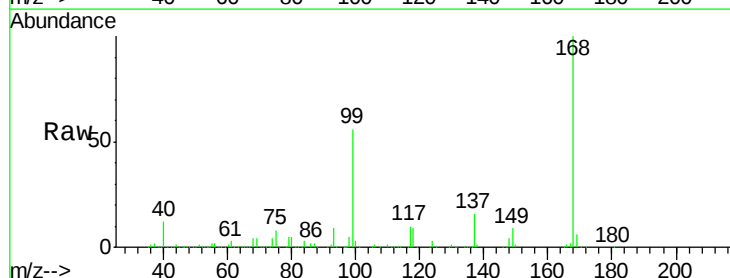
Instrument :
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 BP-DUP03-20190314

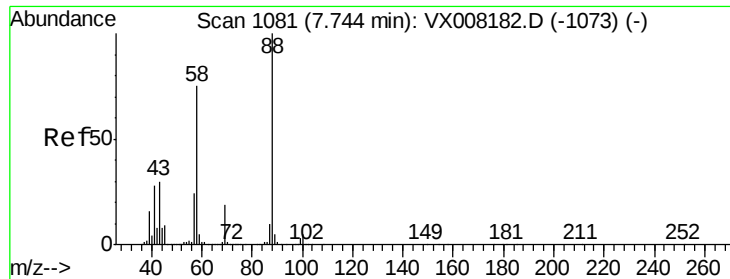
Tot Ion: 75 Resp: 26650
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.4 55.0#
 77 0.7 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.796 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX008248.D
 Acq: 20 Mar 2019 17:44

Tgt Ion: 117 Resp: 31550
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.2 114.2#
 121 0.0 24.6 36.8#

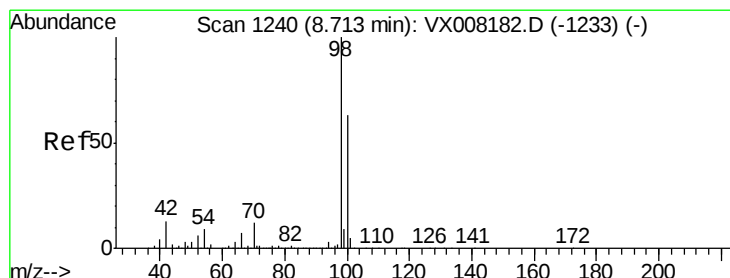
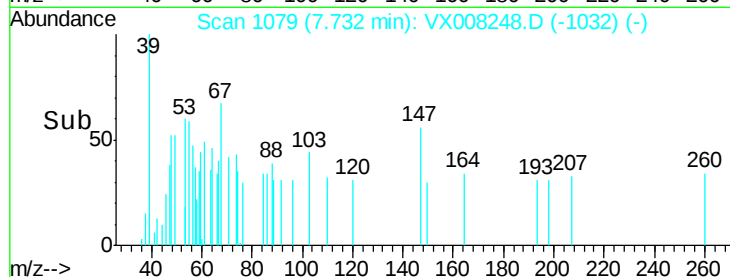
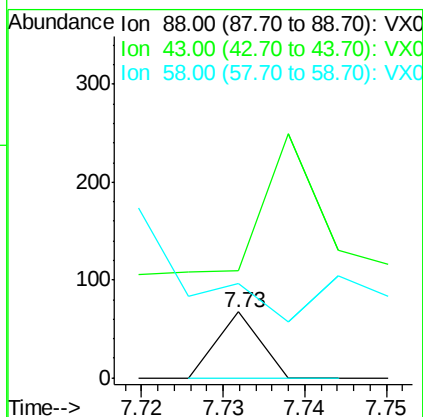
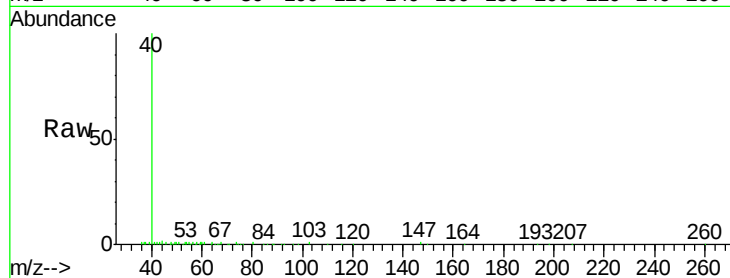




#49
1,4-Dioxane
Concen: 0.221 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX008248.D
Acq: 20 Mar 2019 17:44

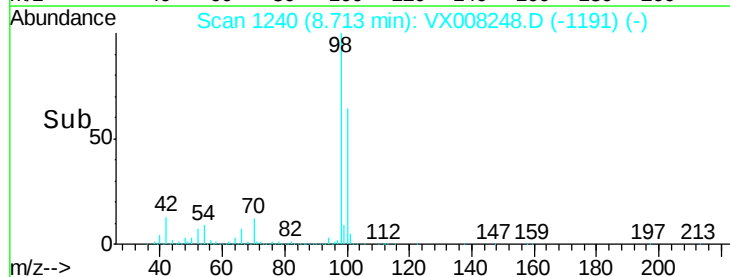
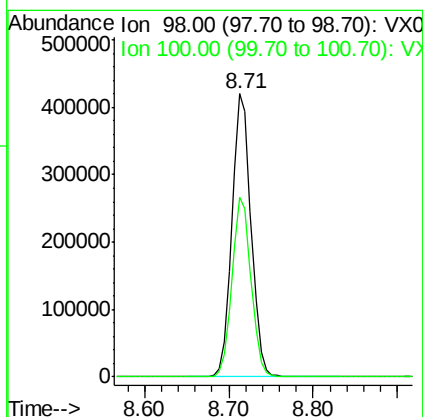
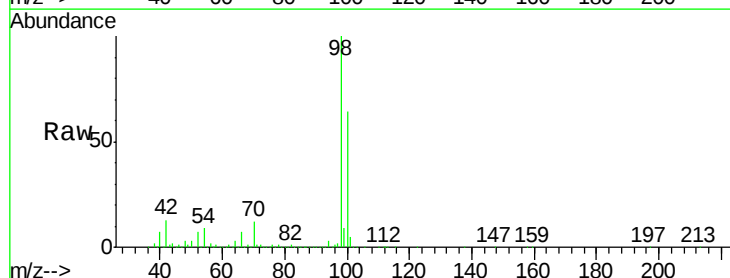
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BP-DUP03-20190314

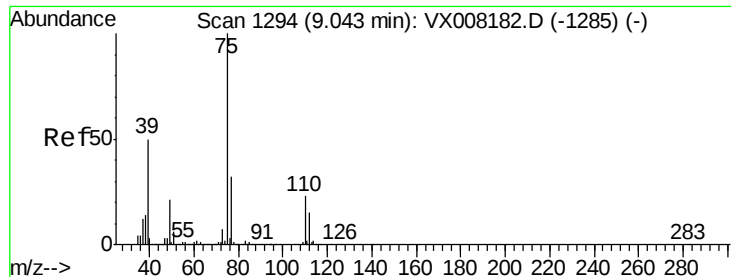
Tot Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 370.8 25.1 37.7#
58 0.0 57.8 86.6#



#50
Toluene-d8
Concen: 48.476 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008248.D
Acq: 20 Mar 2019 17:44

Tgt Ion: 98 Resp: 645564
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5





#53

t-1,3-Dichloropropene

Concen: 1.452 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008248.D

Acq: 20 Mar 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

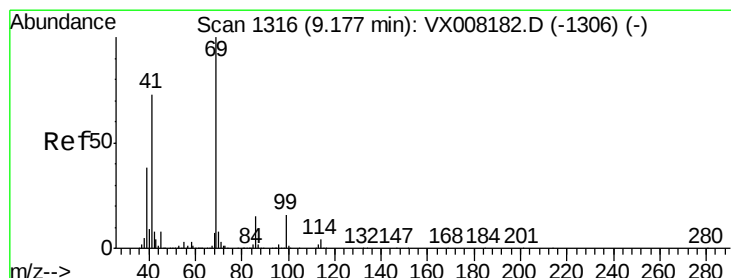
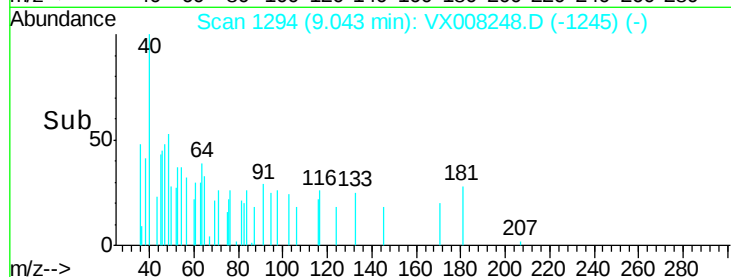
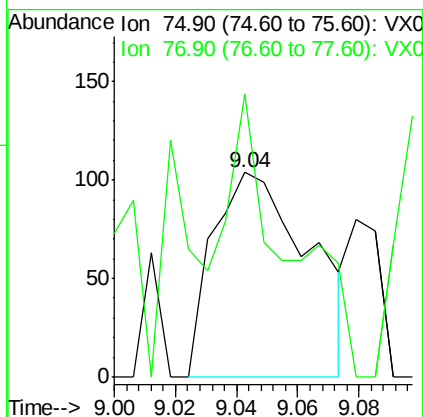
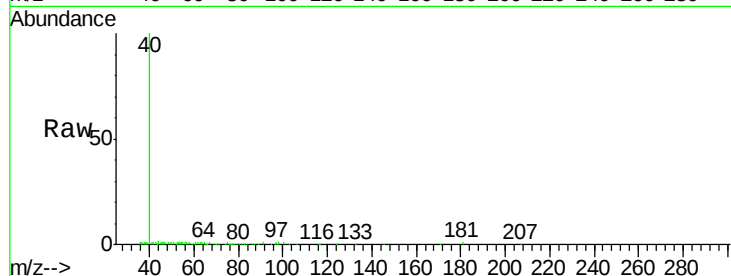
BP-DUP03-20190314

Tot Ion: 75 Resp: 226

Ion Ratio Lower Upper

75 100

77 168.6 25.4 38.0#



#56

Ethyl methacrylate

Concen: 0.537 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX008248.D

Acq: 20 Mar 2019 17:44

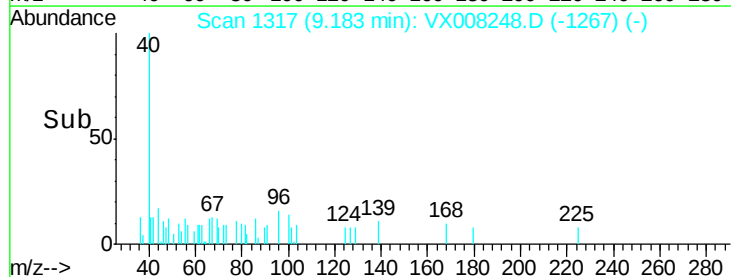
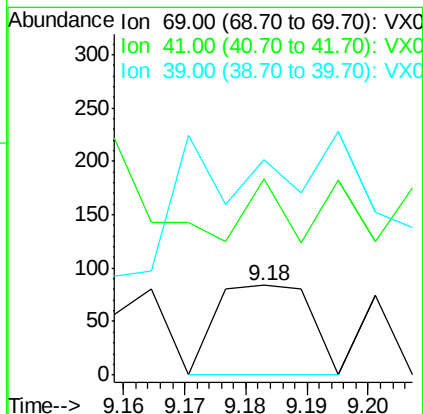
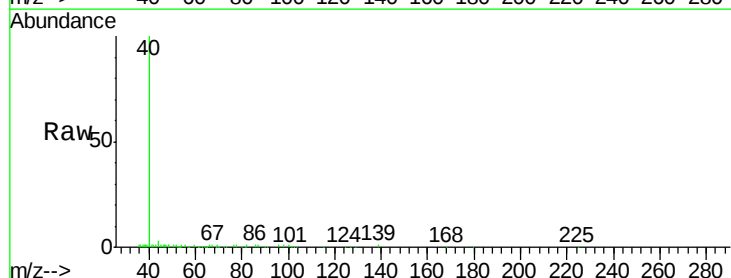
Tgt Ion: 69 Resp: 90

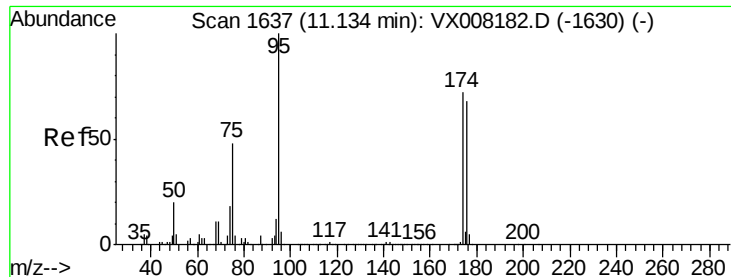
Ion Ratio Lower Upper

69 100

41 0.0 54.2 81.4#

39 256.7 25.0 37.4#





#62

4-Bromofluorobenzene

Concen: 44.437 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008248.D

Acq: 20 Mar 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP03-20190314

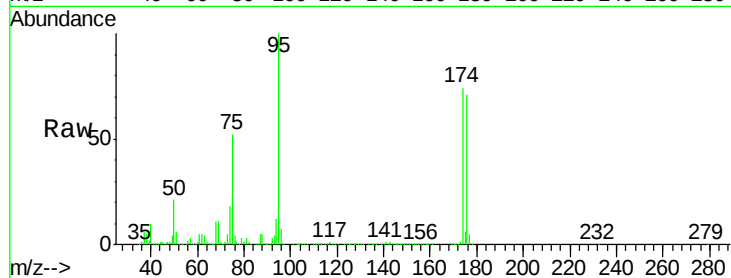
Tot Ion: 95 Resp: 203763

Ion Ratio Lower Upper

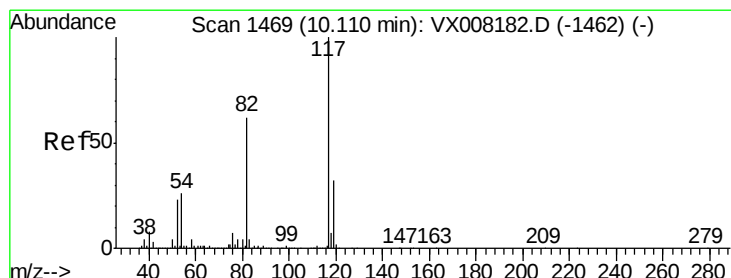
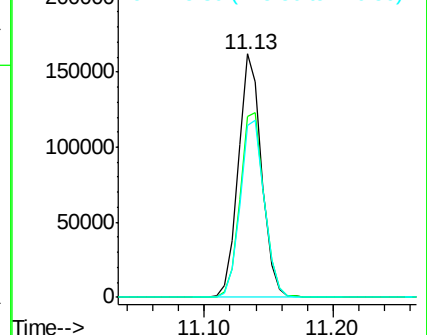
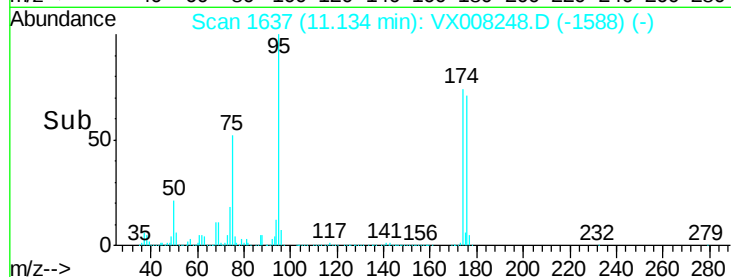
95 100

174 78.7 0.0 182.8

176 75.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008248.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008248.D

Acq: 20 Mar 2019 17:44

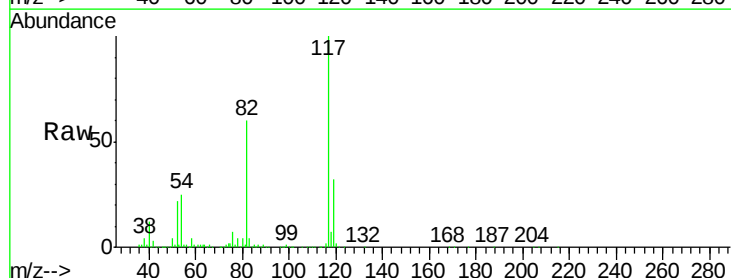
Tgt Ion: 117 Resp: 441839

Ion Ratio Lower Upper

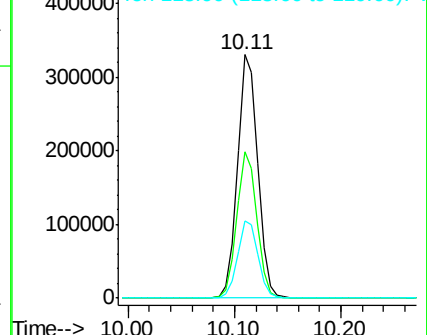
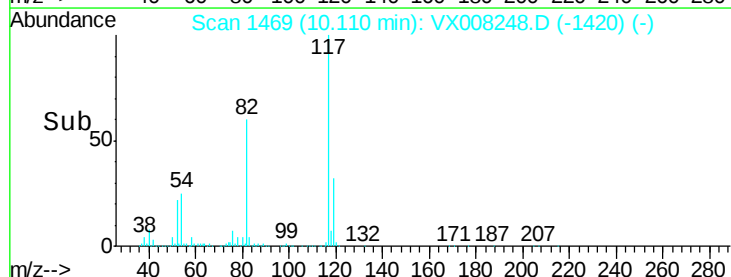
117 100

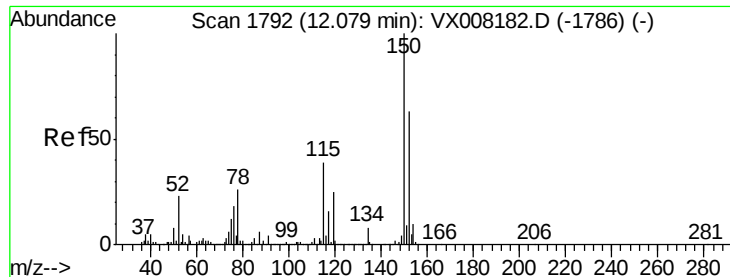
82 60.2 44.3 66.5

119 31.6 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX008248.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008248.D

Acq: 20 Mar 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP03-20190314

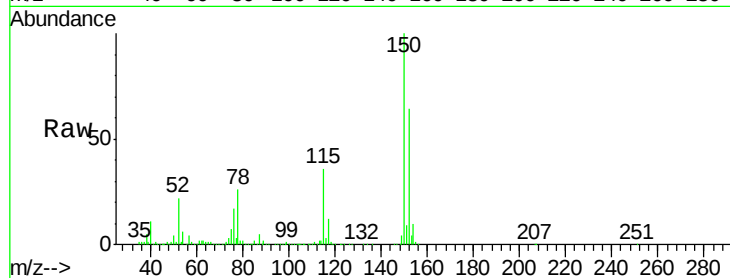
Tot Ion:152 Resp: 178292

Ion Ratio Lower Upper

152 100

115 59.7 38.6 115.7

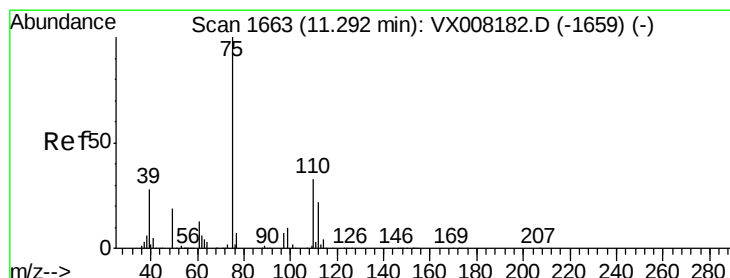
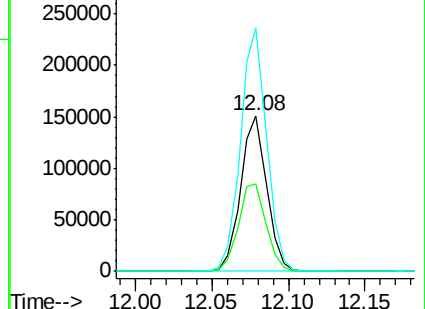
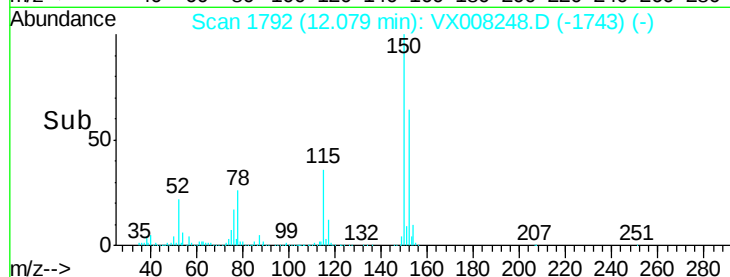
150 156.3 0.0 348.4



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: 21.290 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008248.D

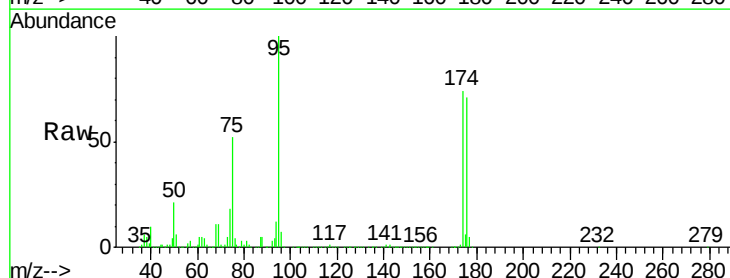
Acq: 20 Mar 2019 17:44

Tgt Ion: 75 Resp: 106761

Ion Ratio Lower Upper

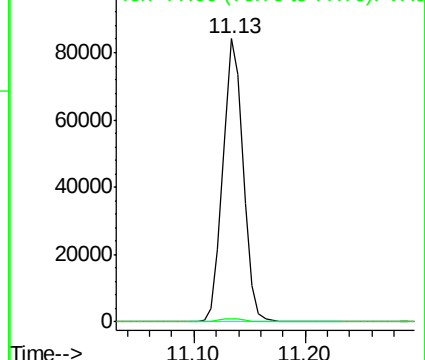
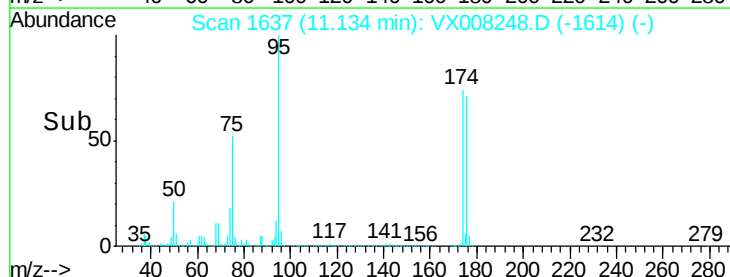
75 100

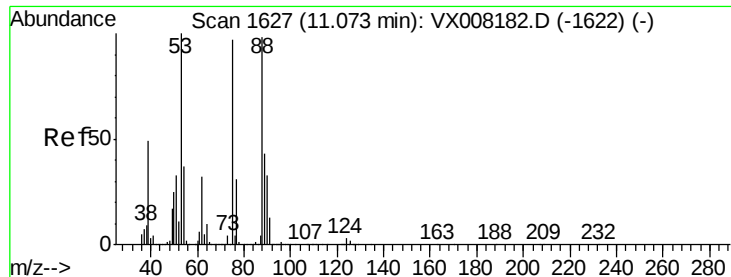
77 1.4 18.9 56.7#



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: 54.151 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008248.D

Acq: 20 Mar 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP03-20190314

Tot Ion: 75 Resp: 106761

Ion Ratio Lower Upper

75 100

53 0.2 76.1 114.1#

89 0.0 36.3 54.5#

