

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006447.D
 Acq On : 12 Dec 2018 16:13
 Operator : JC/MD
 Sample : J6358-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW04-20181210

Quant Time: Dec 13 06:11:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	719390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1119744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1002729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	484065	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	370421	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
35) Dibromofluoromethane	5.51	113	338646	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
50) Toluene-d8	8.71	98	1294465	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	477251	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	

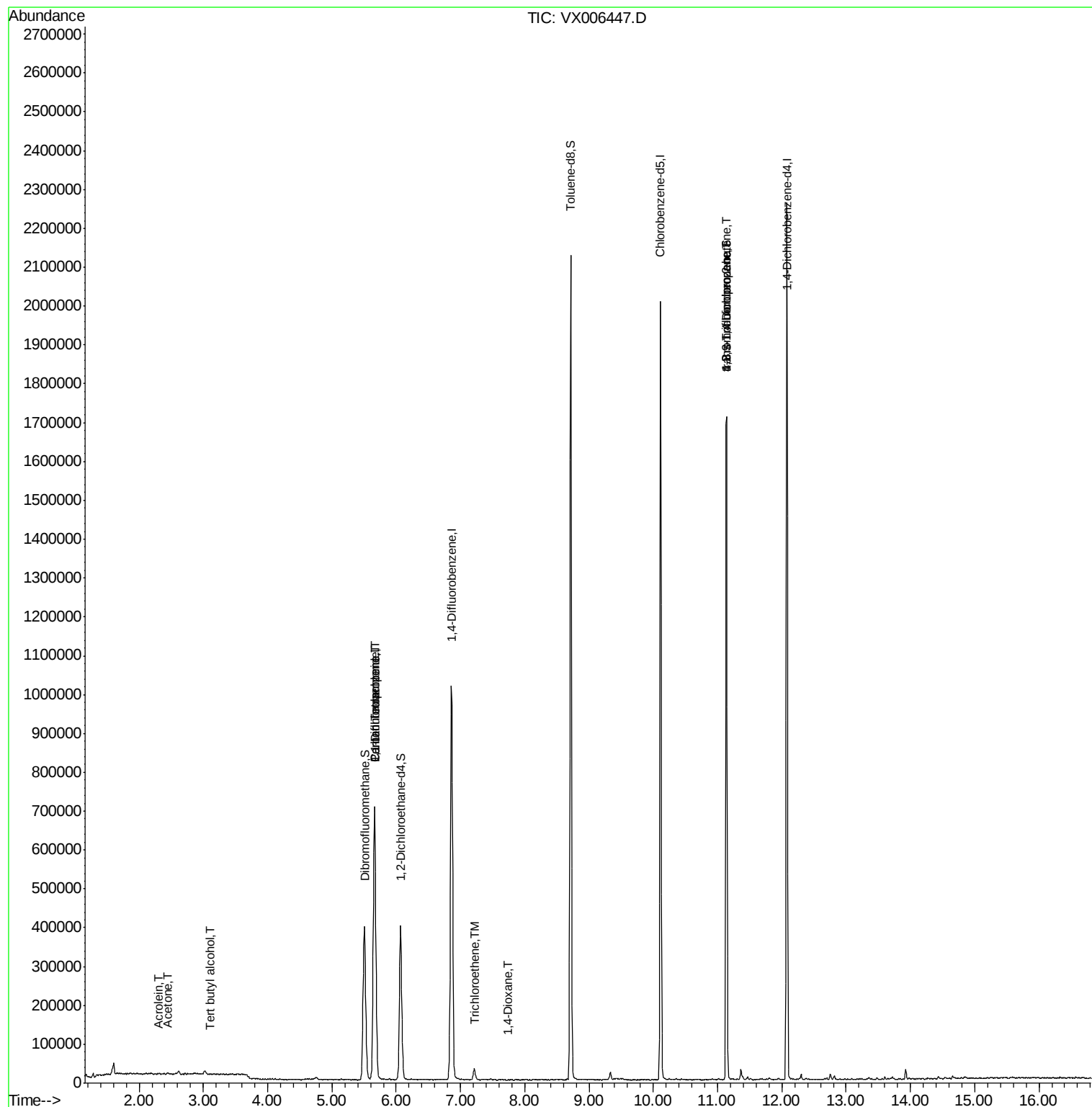
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.10	59	475	0.237	ug/l #	36
13) Acrolein	2.29	56	277	0.252	ug/l #	43
16) Acetone	2.45	43	5153	1.495	ug/l #	87
36) 1,1-Dichloropropene	5.66	75	45172	4.791	ug/l #	48
38) Carbon Tetrachloride	5.67	117	66457	5.991	ug/l #	16
44) Trichloroethene	7.21	130	11804	1.380	ug/l	99
49) 1,4-Dioxane	7.74	88	66	0.313	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	217635	23.293	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	217635	54.663	ug/l #	15

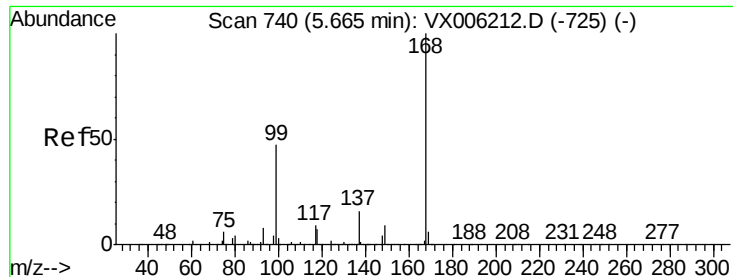
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
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Instrument :
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Quant Time: Dec 13 06:11:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006447.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

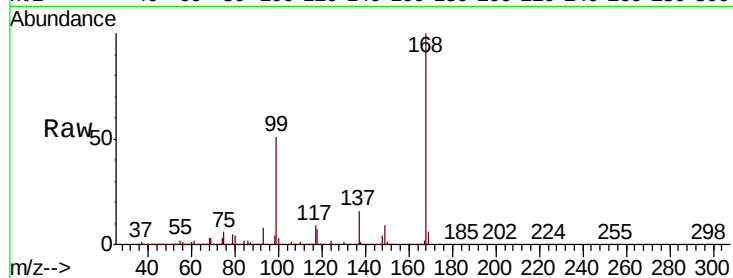
BP-TT-AOC22-MW04-20181210

Tot Ion:168 Resp: 719390

Ion Ratio Lower Upper

168 100

99 51.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

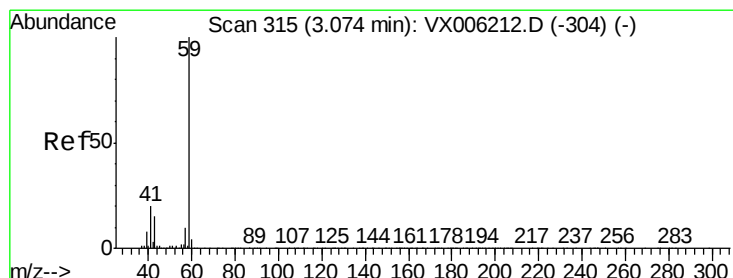
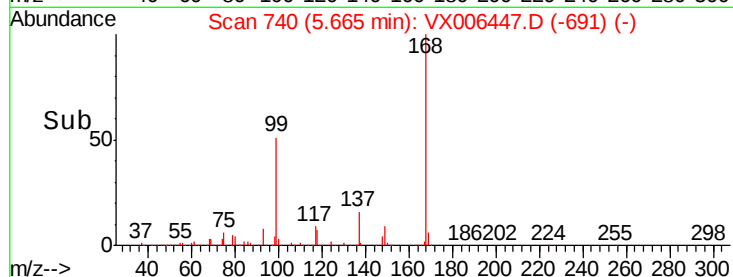
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.237 ug/l

RT: 3.10 min Scan# 320

Delta R.T. 0.03 min

Lab File: VX006447.D

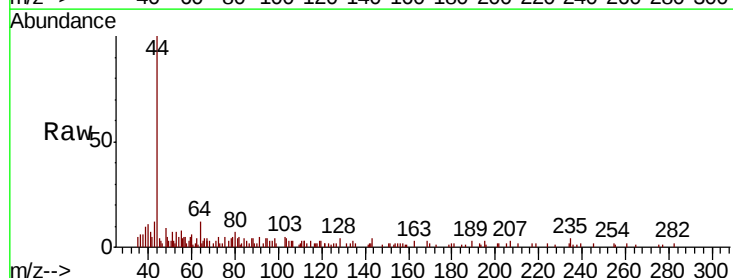
Acq: 12 Dec 2018 16:13

Tgt Ion: 59 Resp: 475

Ion Ratio Lower Upper

59 100

57 34.1 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.10

400

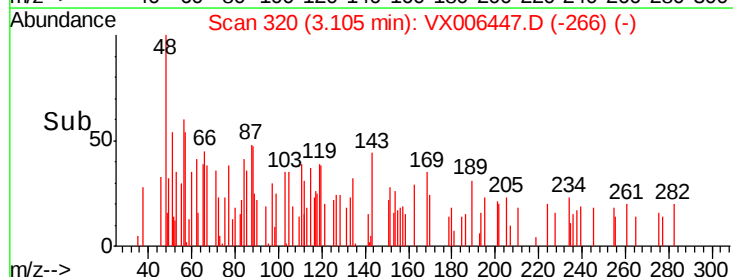
300

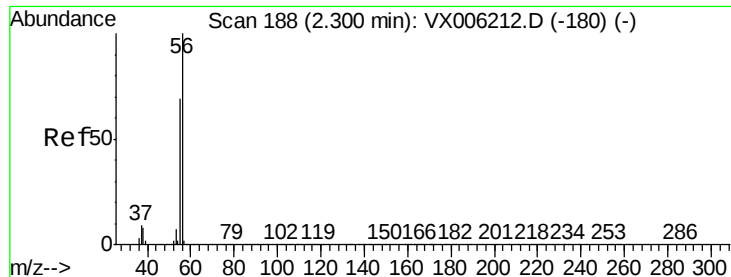
200

100

0

Time-->





#13

Acrolein

Concen: 0.252 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

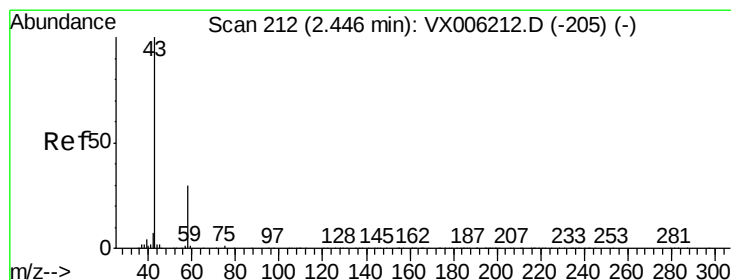
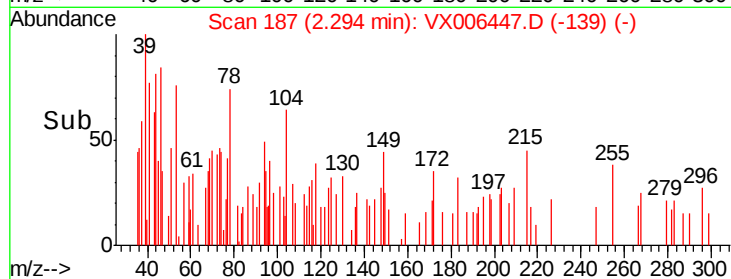
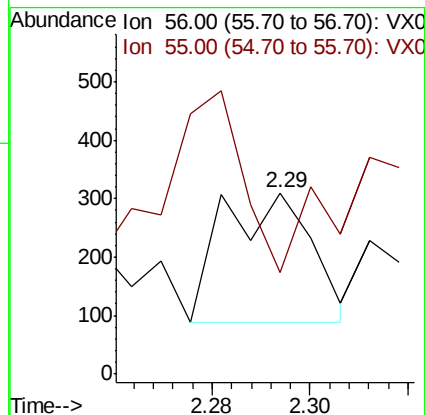
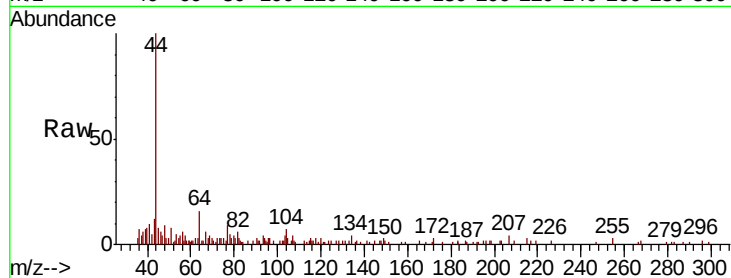
BP-TT-AOC22-MW04-20181210

Tot Ion: 56 Resp: 277

Ion Ratio Lower Upper

56 100

55 119.5 57.8 86.6#



#16

Acetone

Concen: 1.495 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006447.D

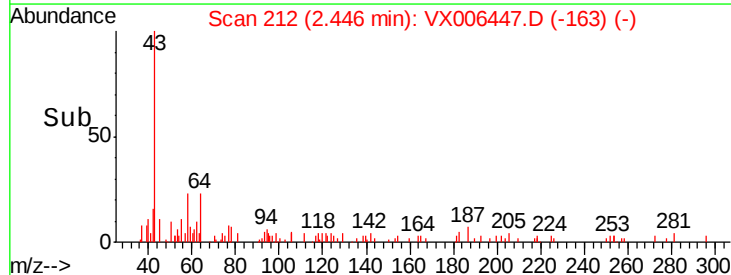
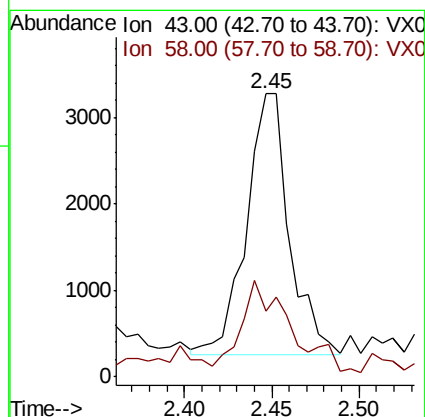
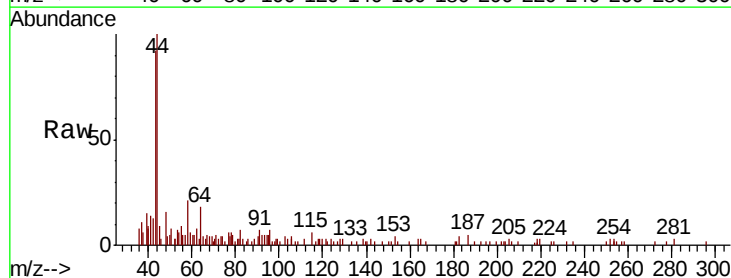
Acq: 12 Dec 2018 16:13

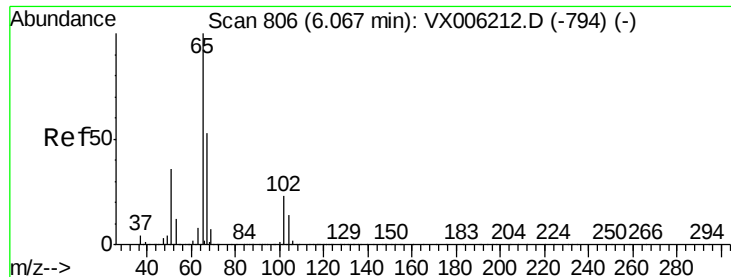
Tgt Ion: 43 Resp: 5153

Ion Ratio Lower Upper

43 100

58 23.0 24.0 36.0#

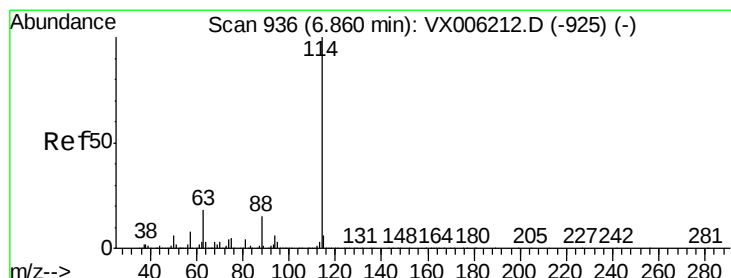
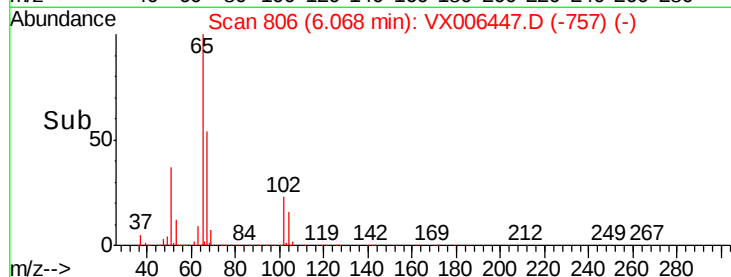
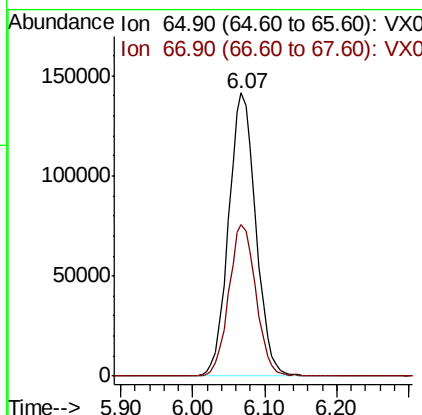
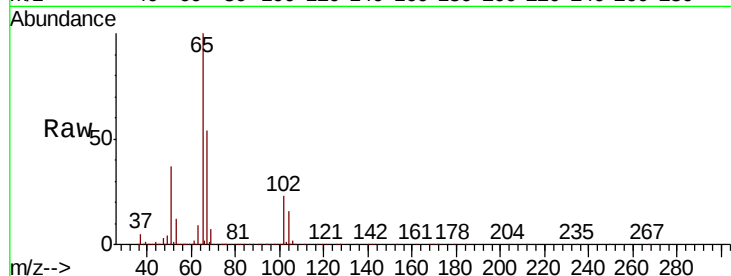




#33
 1,2-Dichloroethane-d4
 Concen: 50.440 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006447.D
 Acq: 12 Dec 2018 16:13

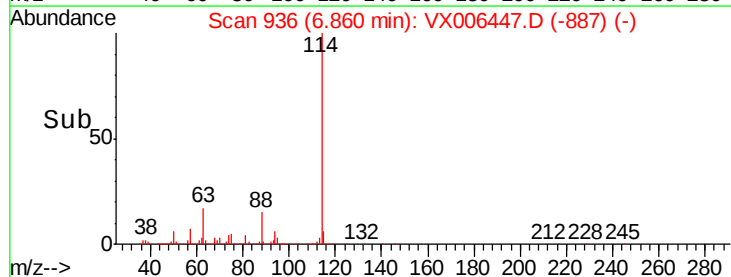
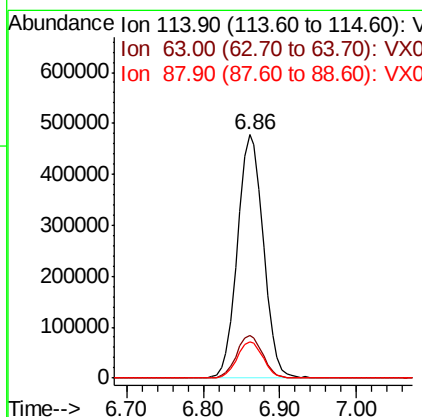
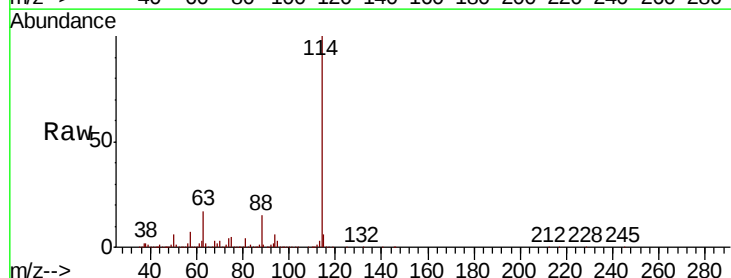
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW04-20181210

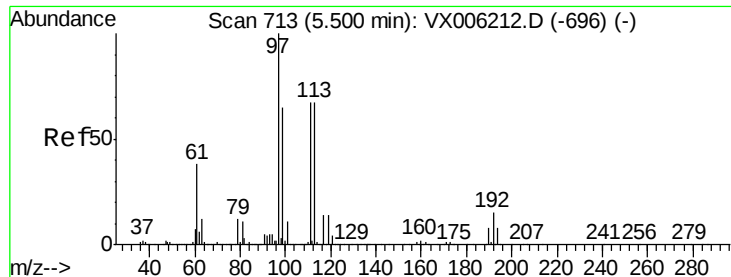
Tot Ion: 65 Resp: 370421
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006447.D
 Acq: 12 Dec 2018 16:13

Tgt Ion: 114 Resp: 1119744
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.6
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.710 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW04-20181210

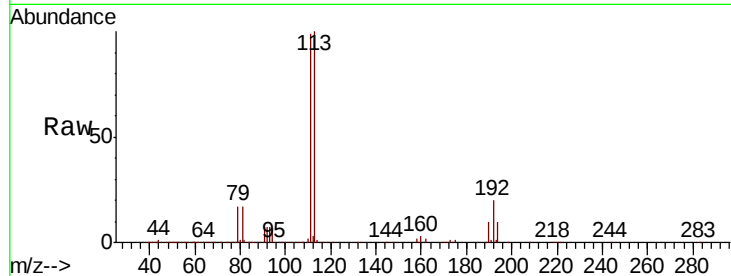
Tot Ion:113 Resp: 338646

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

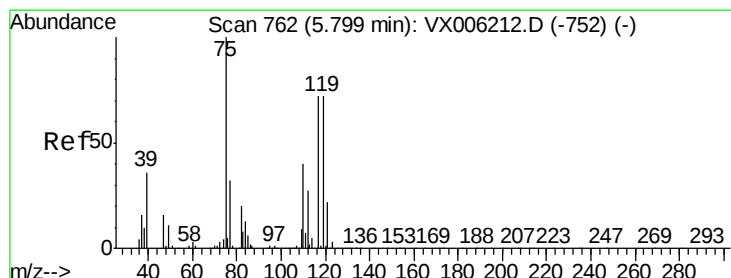
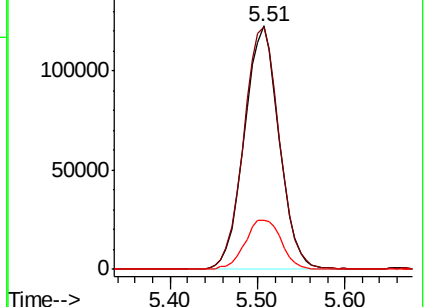
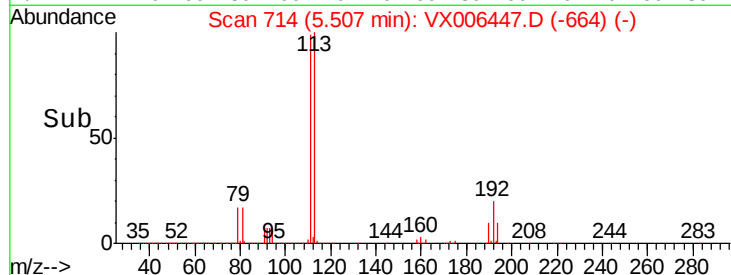
192 21.6 18.2 27.2



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: 4.791 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

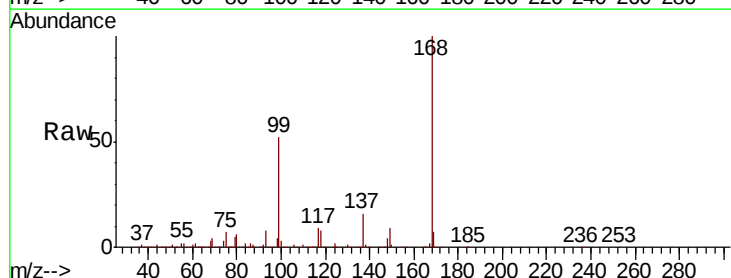
Tgt Ion: 75 Resp: 45172

Ion Ratio Lower Upper

75 100

110 10.3 20.4 61.3#

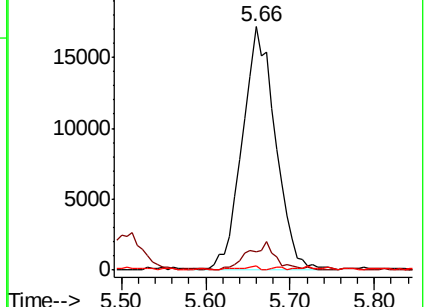
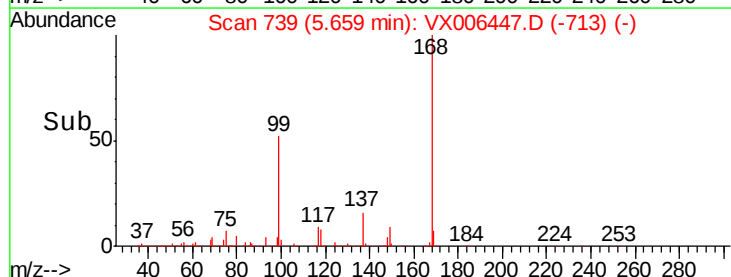
77 0.4 24.9 37.3#

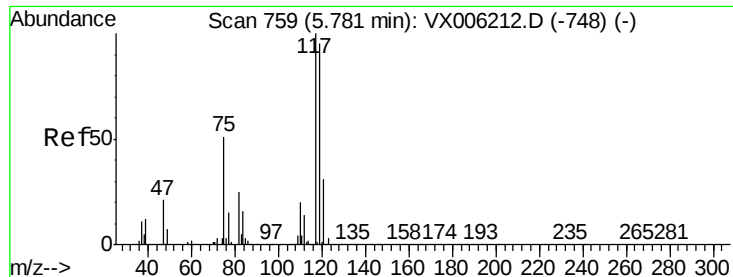


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

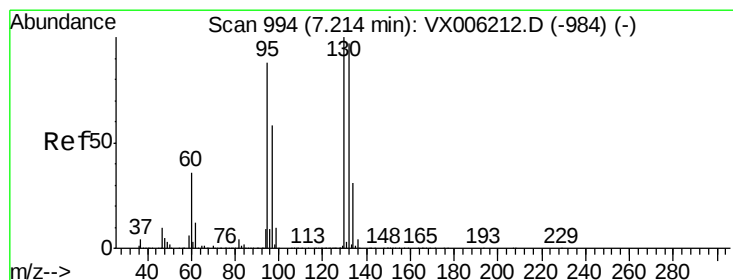
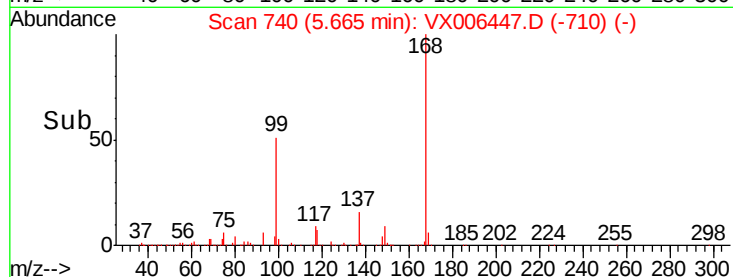
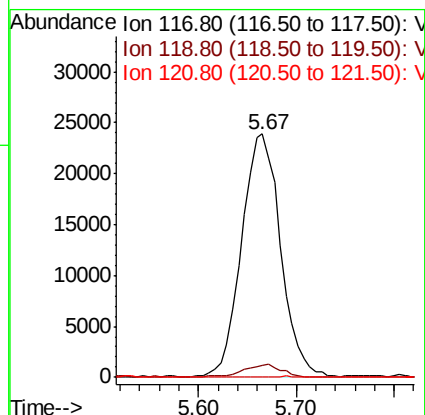
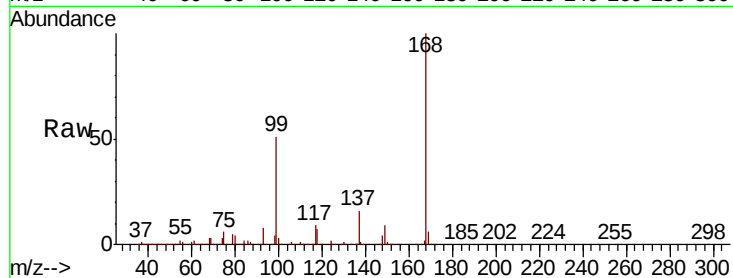




#38
Carbon Tetrachloride
Concen: 5.991 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006447.D
Acq: 12 Dec 2018 16:13

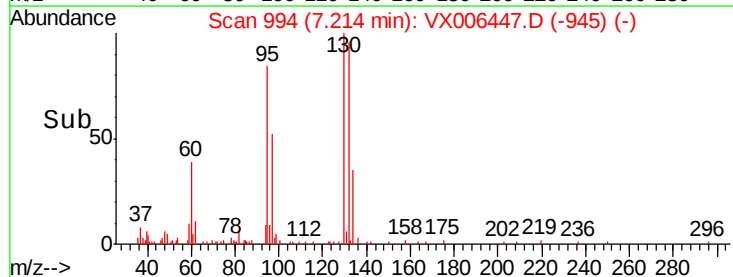
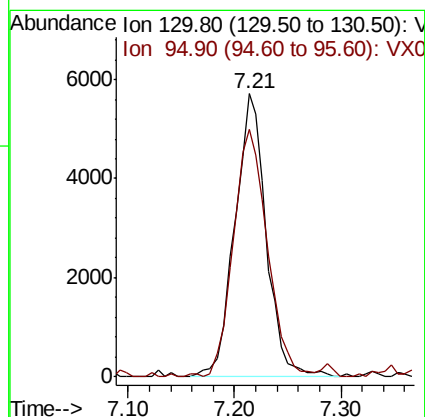
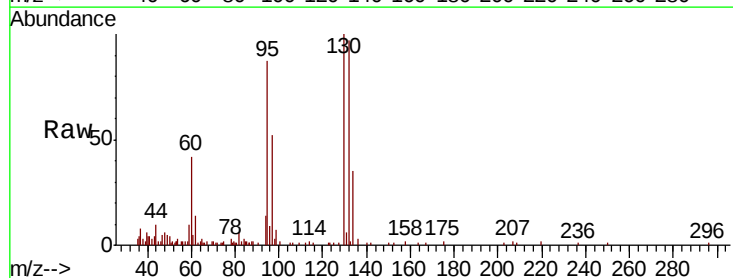
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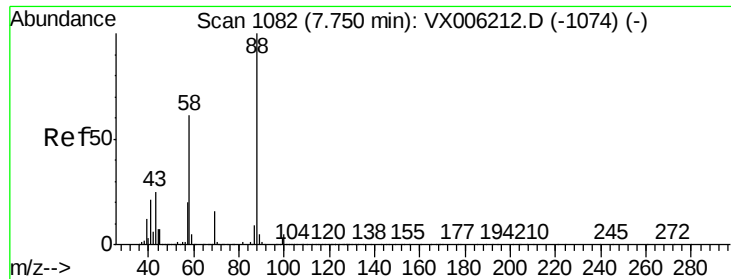
Tot Ion:117 Resp: 66457
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 1.380 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006447.D
Acq: 12 Dec 2018 16:13

Tgt Ion:130 Resp: 11804
Ion Ratio Lower Upper
130 100
95 87.4 0.0 175.8

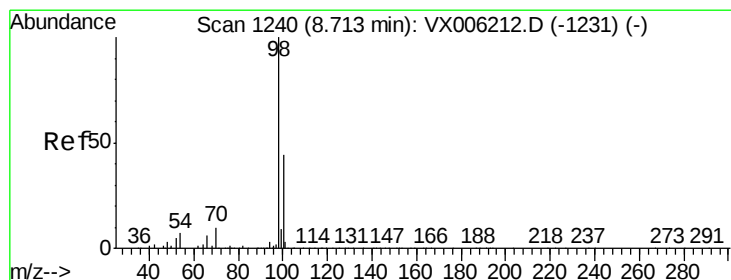
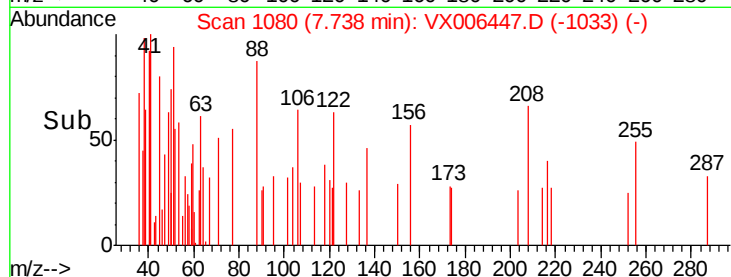
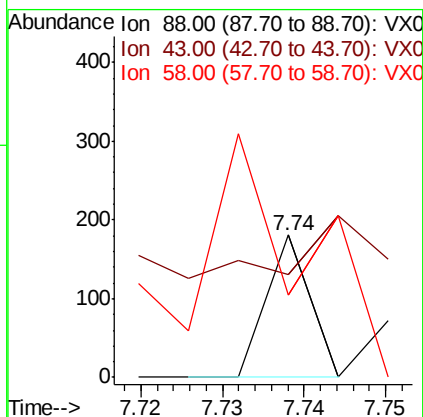
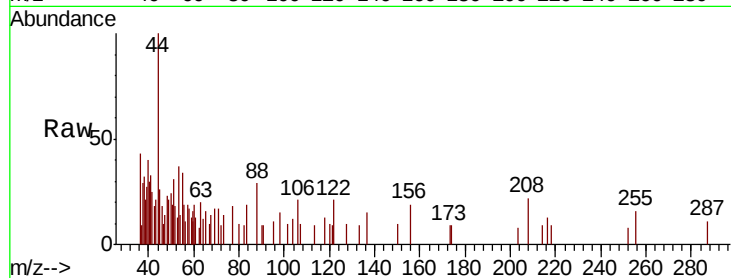




#49
1,4-Dioxane
Concen: 0.313 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX006447.D
Acq: 12 Dec 2018 16:13

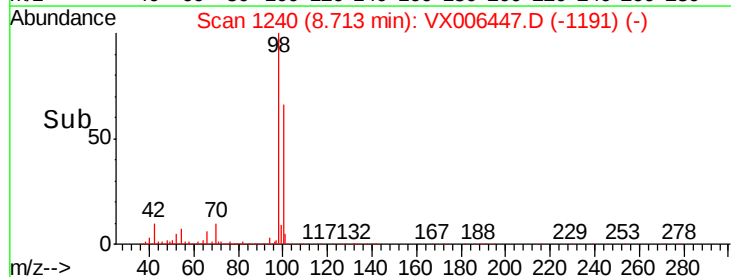
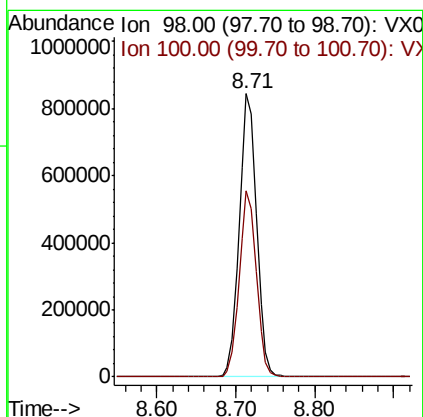
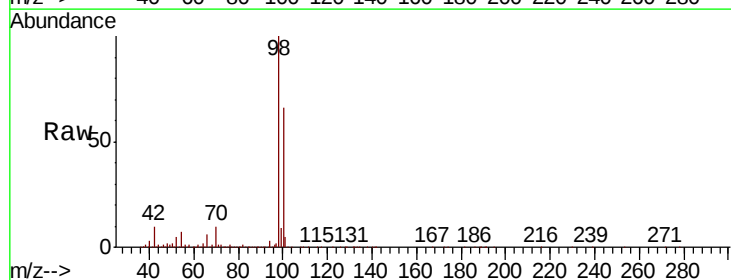
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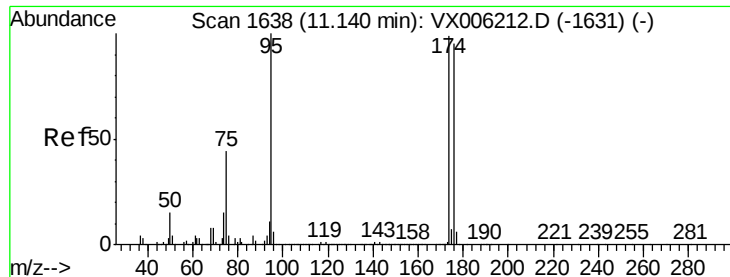
Tot Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 442.4 51.4 77.0#



#50
Toluene-d8
Concen: 49.087 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006447.D
Acq: 12 Dec 2018 16:13

Tgt Ion: 98 Resp: 1294465
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 48.026 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW04-20181210

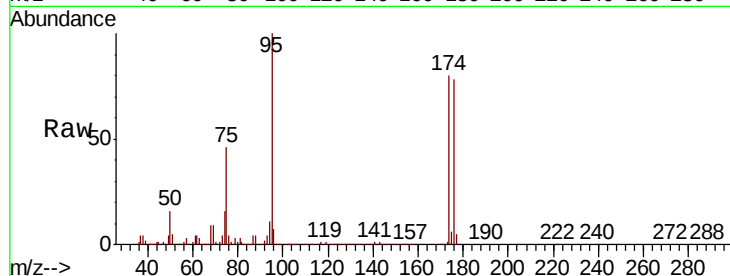
Tot Ion: 95 Resp: 477251

Ion Ratio Lower Upper

95 100

174 86.2 0.0 187.0

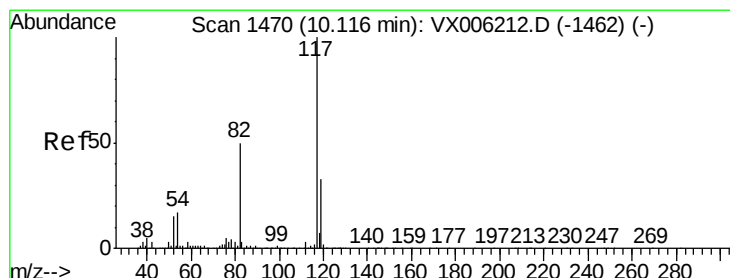
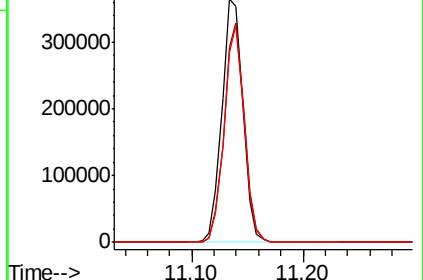
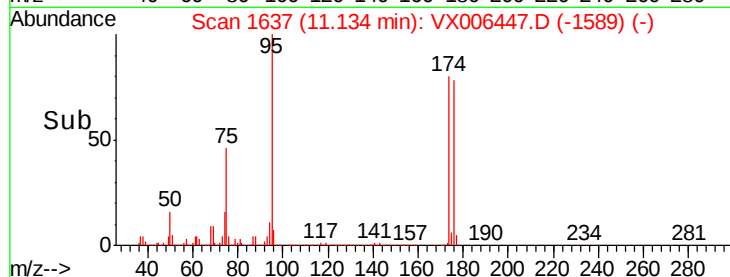
176 84.5 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006447.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006447.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006447.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

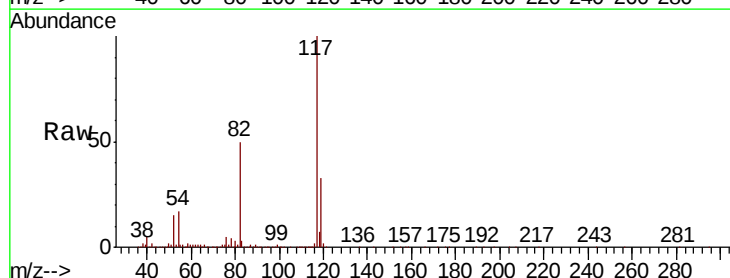
Tgt Ion: 117 Resp: 1002729

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

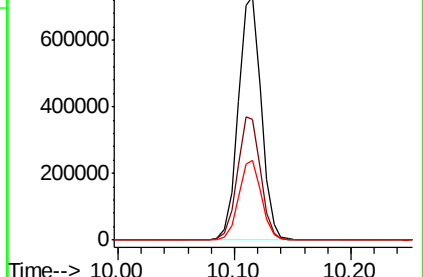
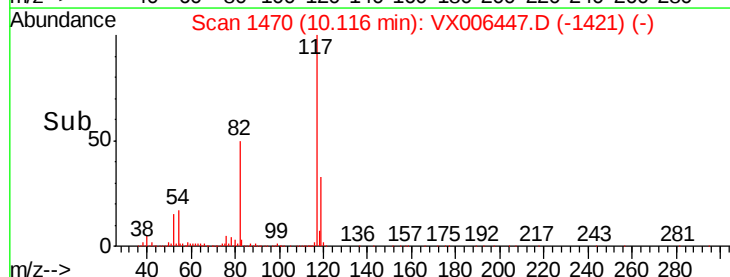
119 32.6 26.3 39.5

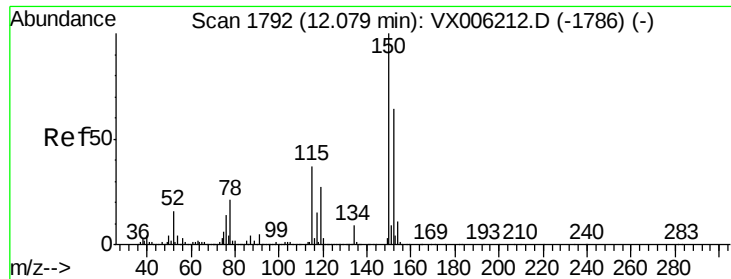


Abundance Ion 116.90 (116.60 to 117.60): VX006447.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006447.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006447.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006447.D

Acq: 12 Dec 2018 16:13

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW04-20181210

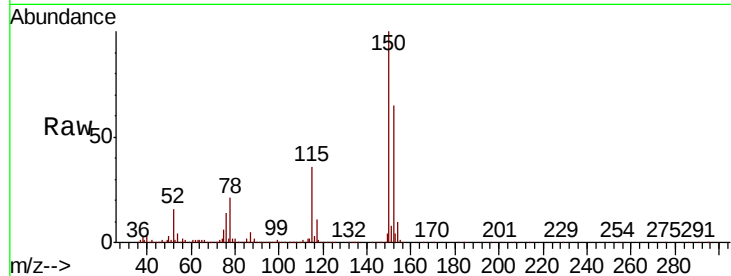
Tot Ion:152 Resp: 484065

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

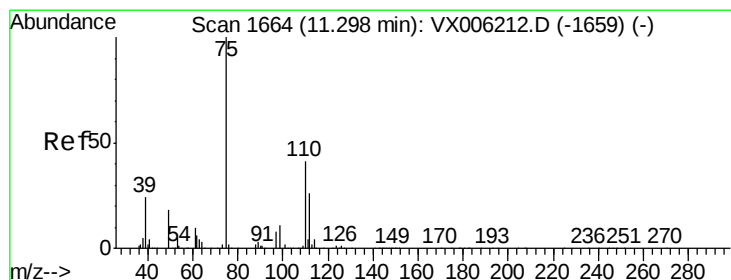
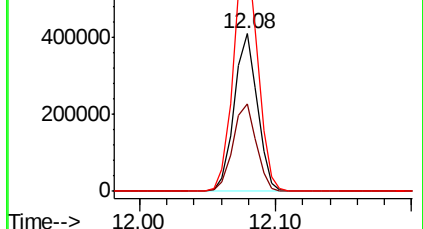
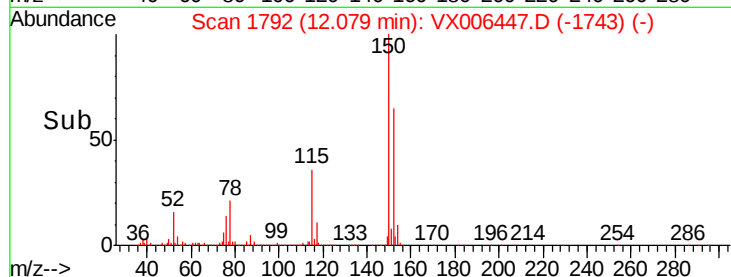
150 156.8 0.0 345.8



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: 23.293 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006447.D

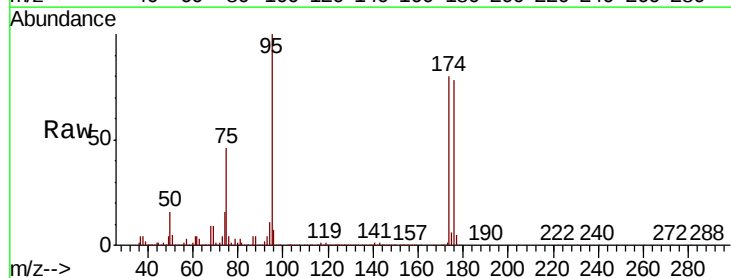
Acq: 12 Dec 2018 16:13

Tgt Ion: 75 Resp: 217635

Ion Ratio Lower Upper

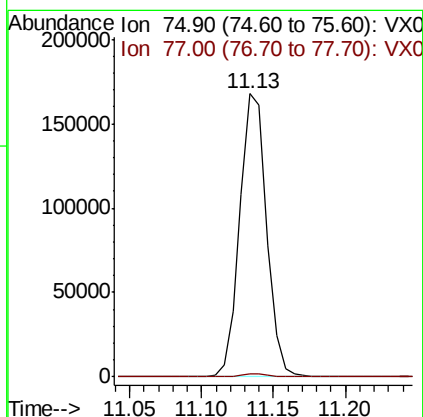
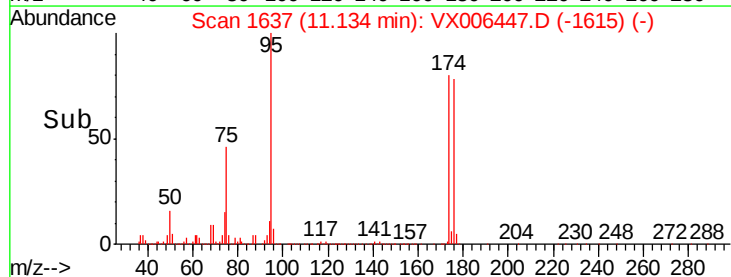
75 100

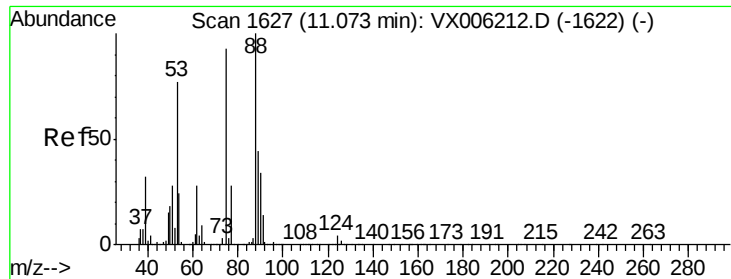
77 1.3 19.9 59.7#



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: 54.663 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006447.D
 Acq: 12 Dec 2018 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW04-20181210

Tot Ion: 75 Resp: 217635
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.0 44.2 66.4#

