

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012224.D
 Acq On : 08 Sep 2019 15:44
 Operator : SY/SP
 Sample : K4622-08
 Misc : 4.08g/5.0mL/MSVOA X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-A3-(4)

Quant Time: Sep 09 02:28:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

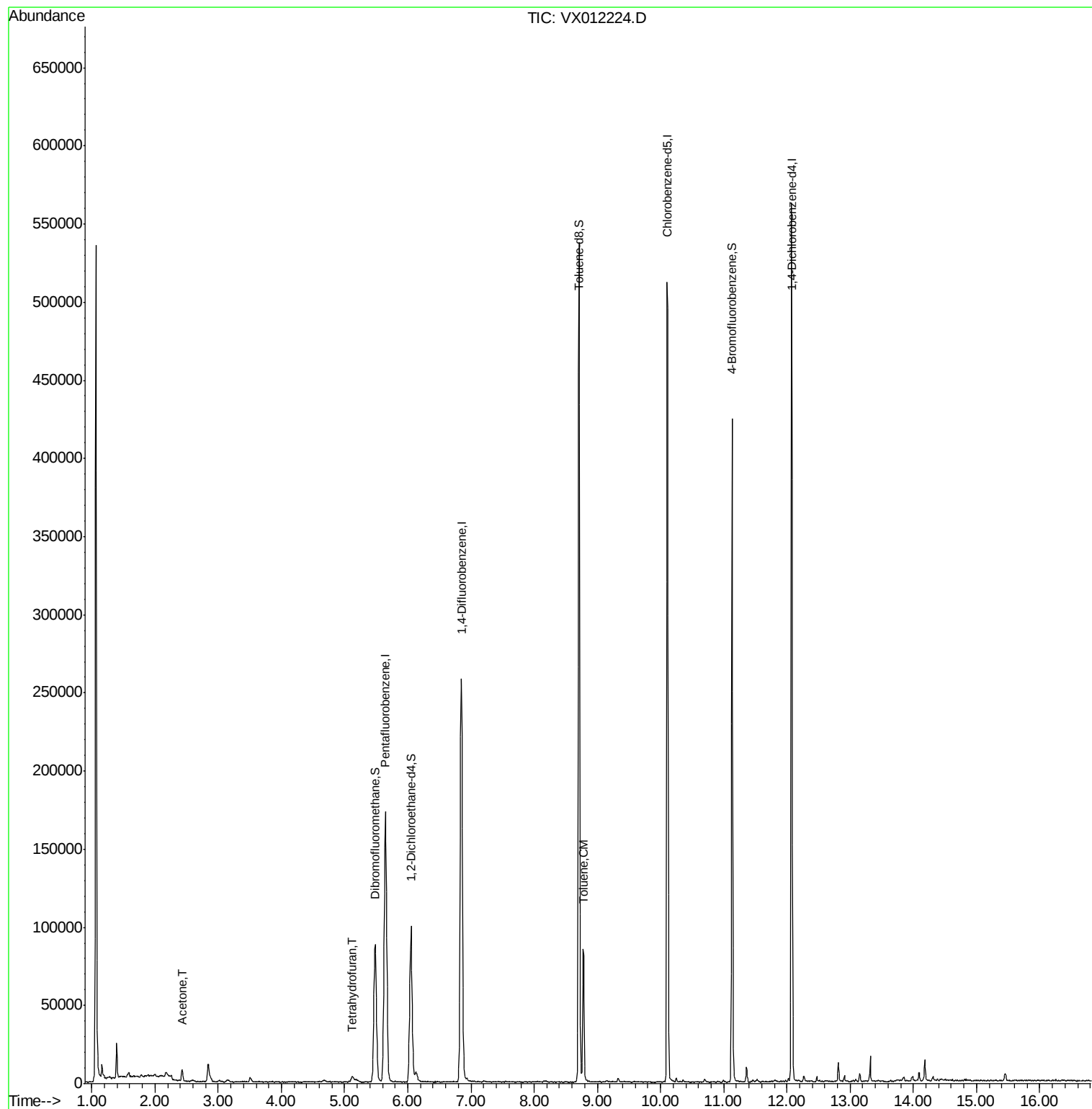
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	145651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	98616	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	5.48	113	74743	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	297093	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	11.13	95	121582	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
Target Compounds						
16) Acetone	2.43	43	8349	17.381	ug/l	Qvalue 100
29) Tetrahydrofuran	5.12	42	3290	8.930	ug/l	91
52) Toluene	8.78	92	31306	7.591	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012224.D

Acq: 08 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

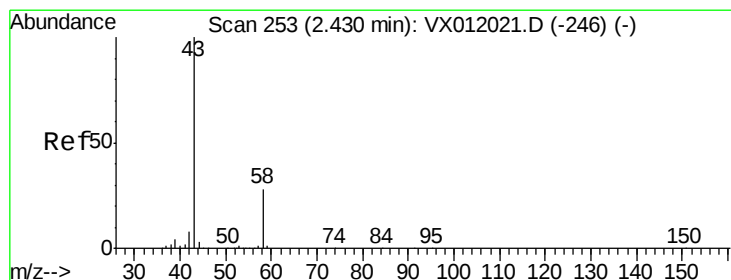
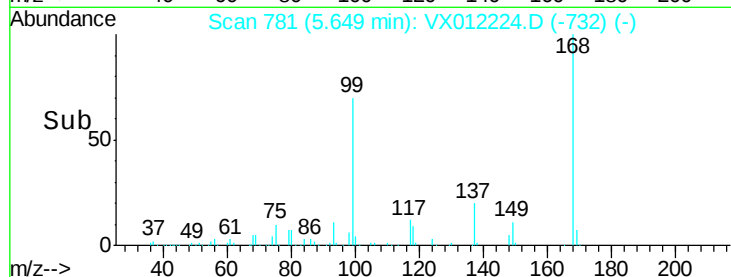
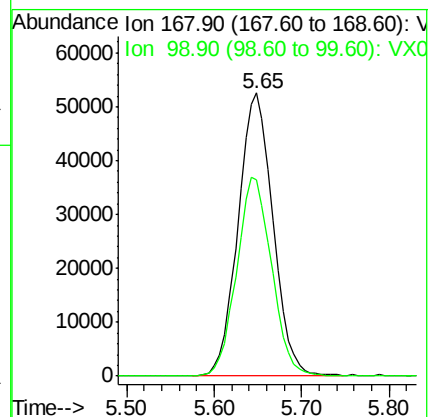
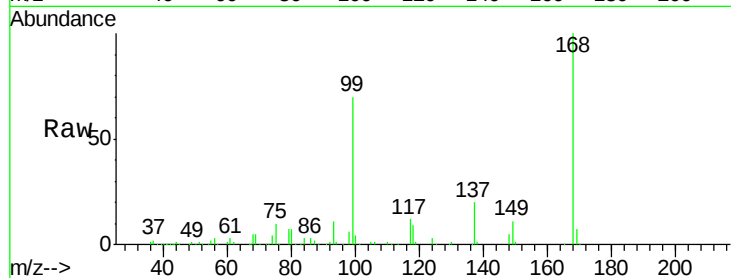
PAR-11-A3-(4)

Tot Ion:168 Resp: 145651

Ion Ratio Lower Upper

168 100

99 69.6 37.6 56.4#



#16

Acetone

Concen: 17.381 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012224.D

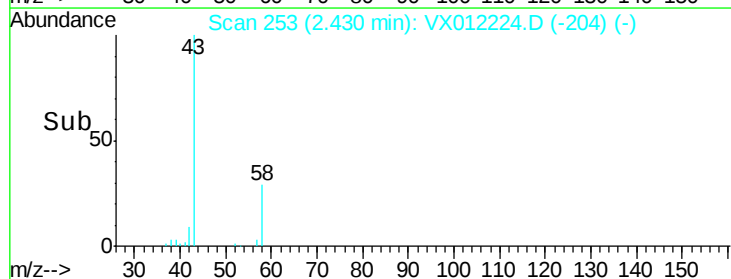
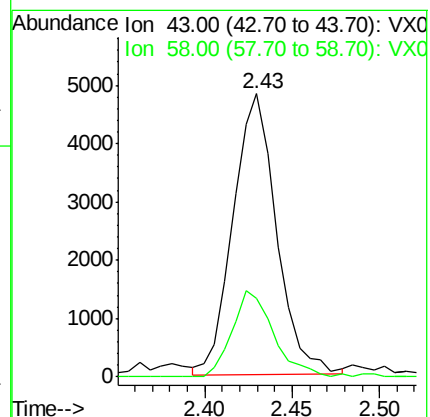
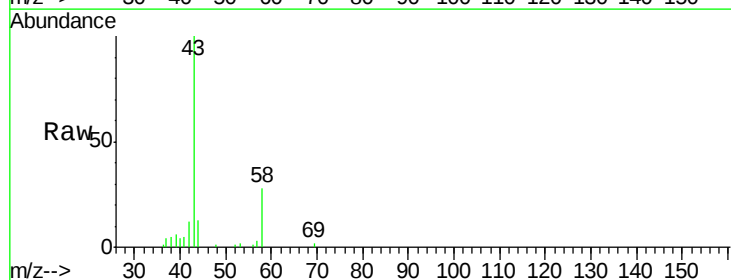
Acq: 08 Sep 2019 15:44

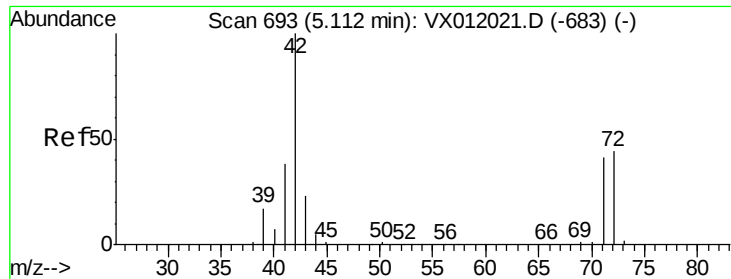
Tgt Ion: 43 Resp: 8349

Ion Ratio Lower Upper

43 100

58 28.5 22.8 34.2

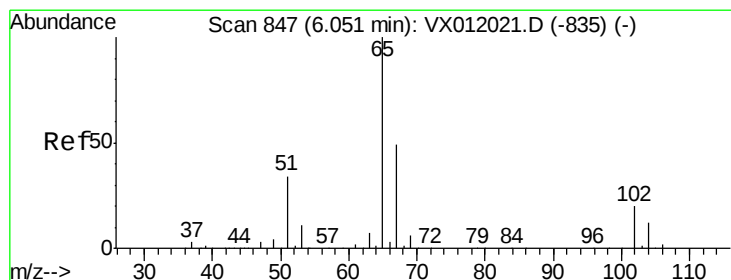
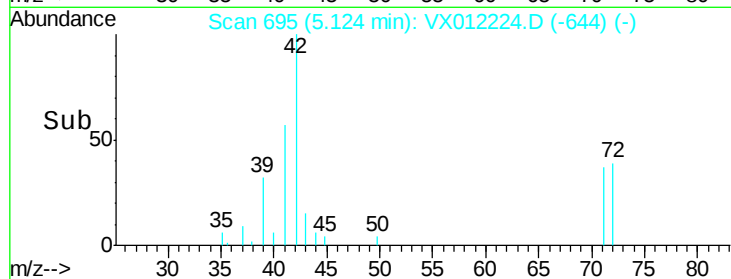
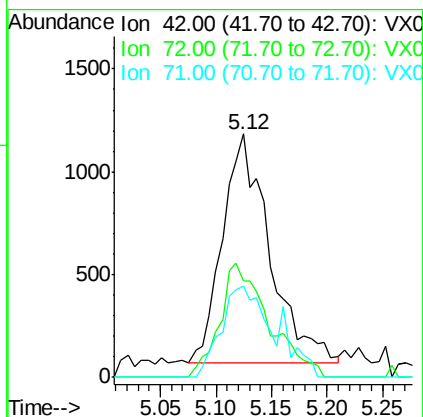
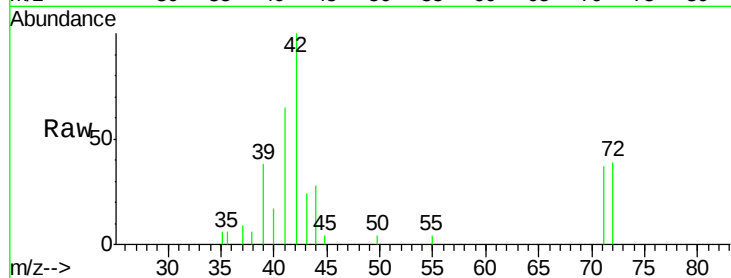




#29
Tetrahydrofuran
Concen: 8.930 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012224.D
Acq: 08 Sep 2019 15:44

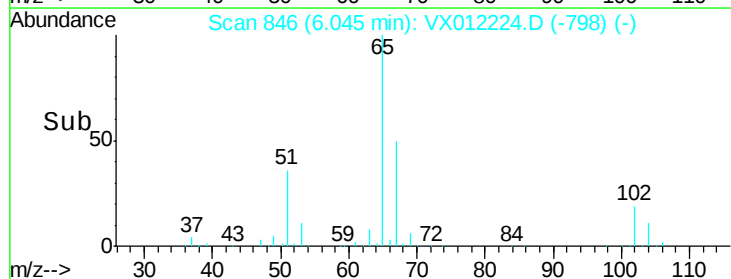
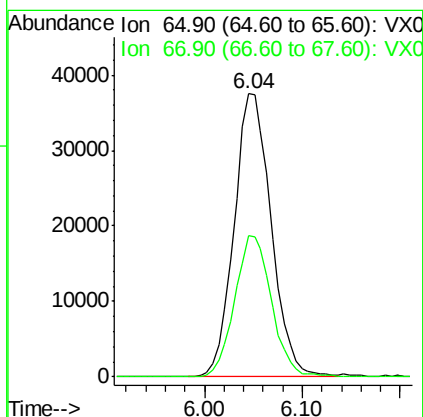
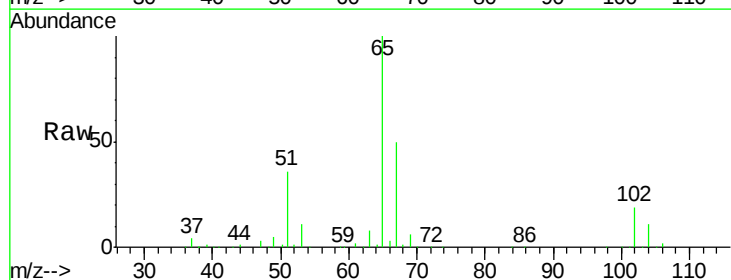
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A3-(4)

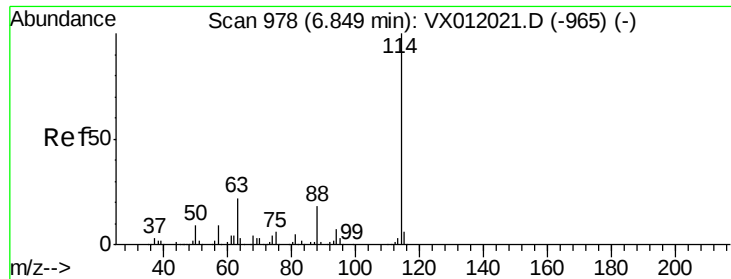
Tot Ion: 42 Resp: 3290
Ion Ratio Lower Upper
42 100
72 51.6 37.0 55.4
71 36.5 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 49.070 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX012224.D
Acq: 08 Sep 2019 15:44

Tgt Ion: 65 Resp: 98616
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012224.D

Acq: 08 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-A3-(4)

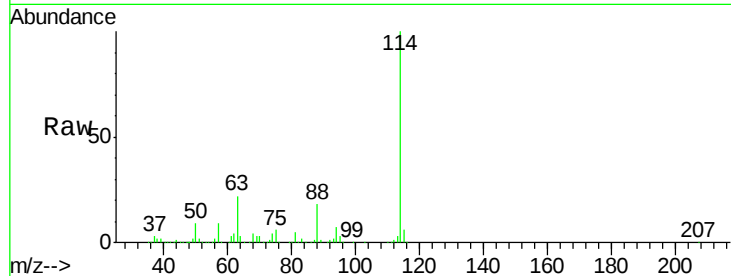
Tot Ion:114 Resp: 250689

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

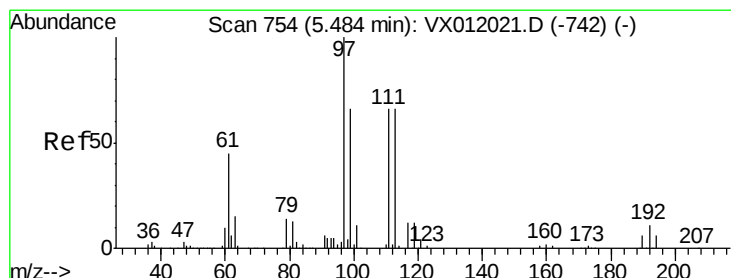
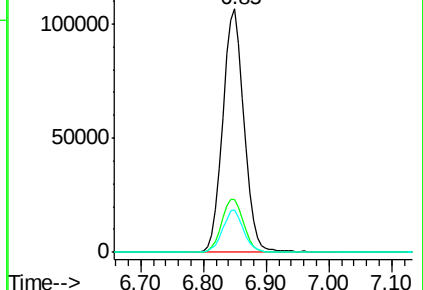
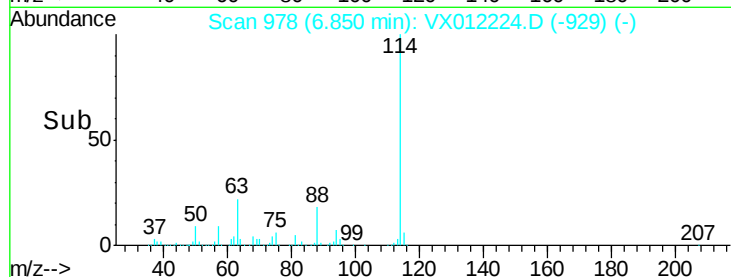
88 17.6 0.0 29.6



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: 48.482 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012224.D

Acq: 08 Sep 2019 15:44

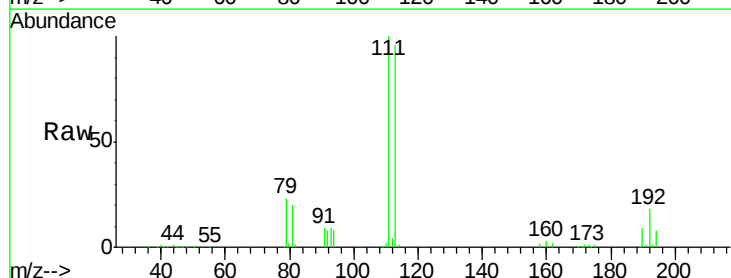
Tgt Ion:113 Resp: 74743

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

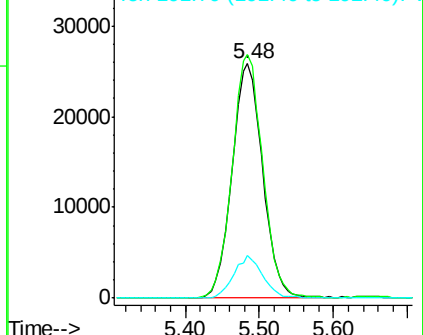
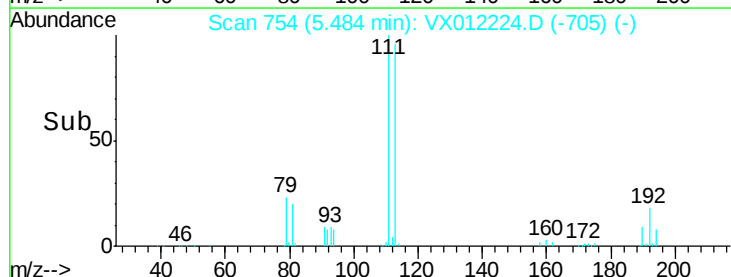
192 17.3 22.5 33.7#

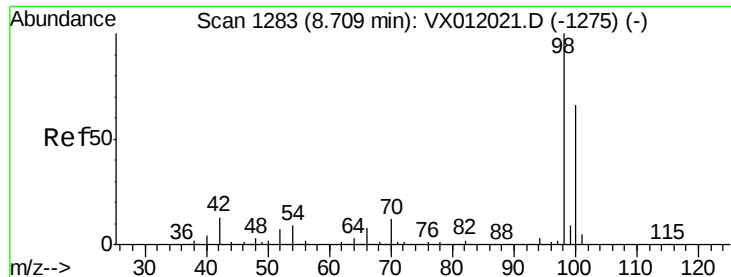


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

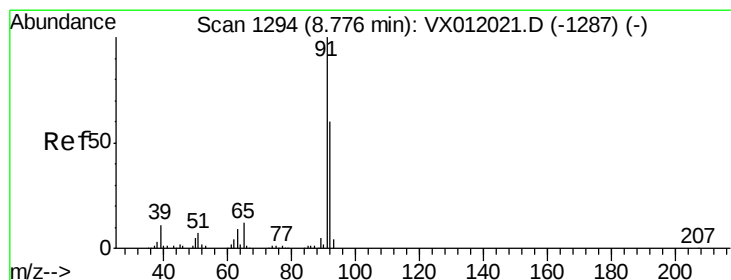
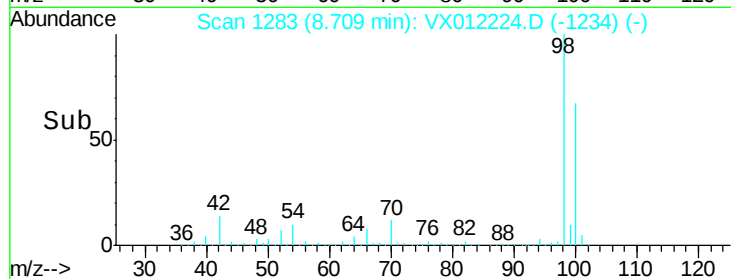
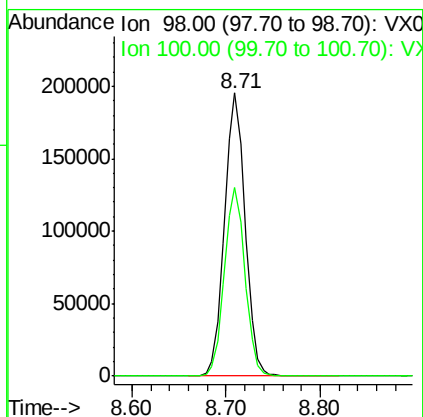
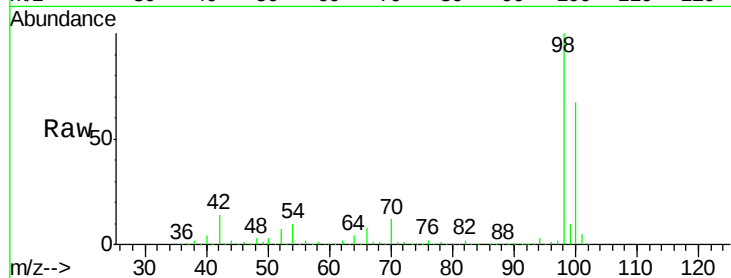




#50
Toluene-d8
Concen: 52.516 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012224.D
Acq: 08 Sep 2019 15:44

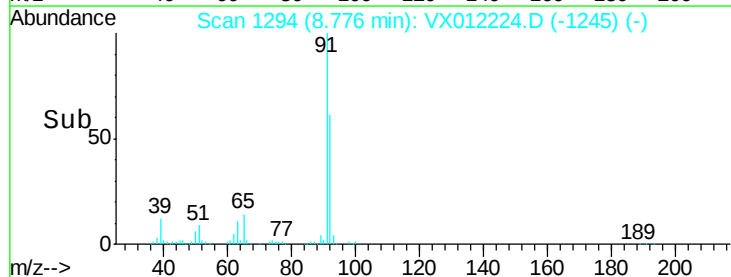
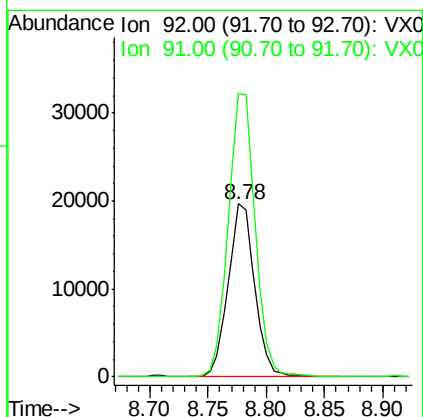
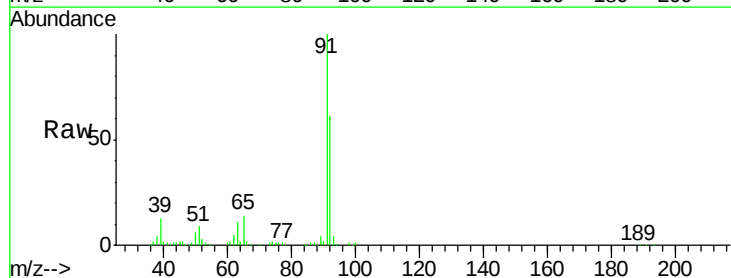
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A3-(4)

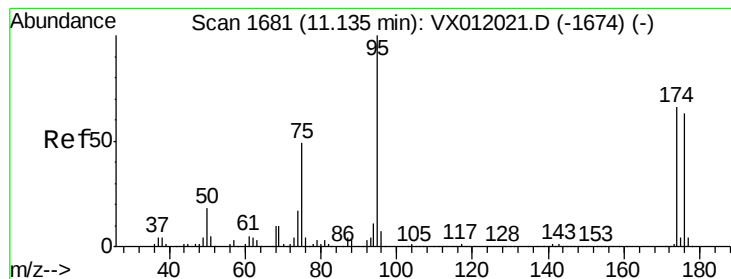
Tot Ion: 98 Resp: 297093
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



#52
Toluene
Concen: 7.591 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX012224.D
Acq: 08 Sep 2019 15:44

Tgt Ion: 92 Resp: 31306
Ion Ratio Lower Upper
92 100
91 165.8 136.0 204.0





#62

4-Bromofluorobenzene

Concen: 46.212 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012224.D

Acq: 08 Sep 2019 15:44

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-A3-(4)

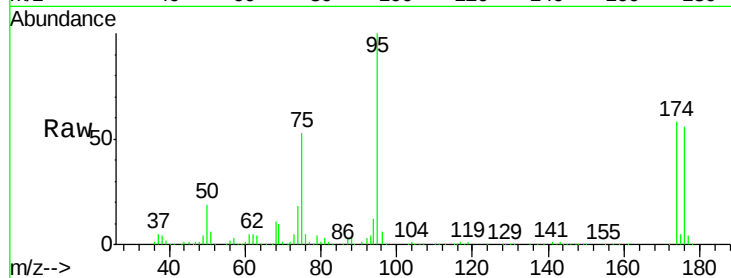
Tot Ion: 95 Resp: 121582

Ion Ratio Lower Upper

95 100

174 63.9 0.0 205.4

176 62.7 0.0 201.8

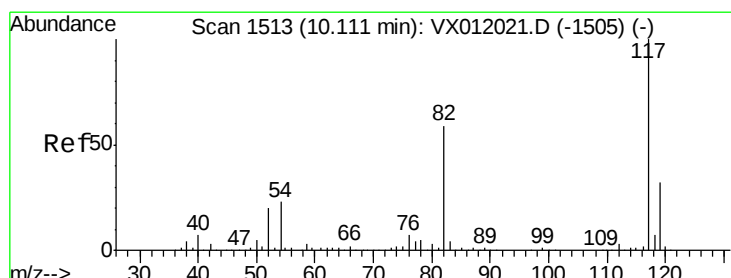
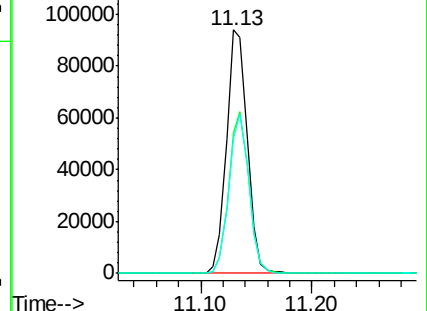
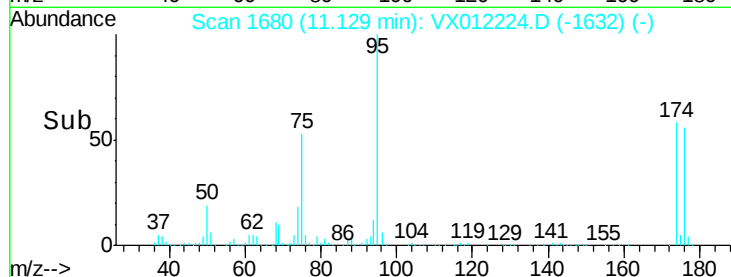


Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012021.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012021.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012224.D

Acq: 08 Sep 2019 15:44

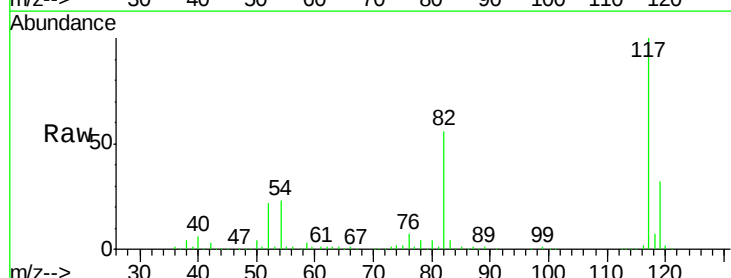
Tgt Ion: 117 Resp: 222297

Ion Ratio Lower Upper

117 100

82 56.3 39.4 59.0

119 31.7 26.1 39.1

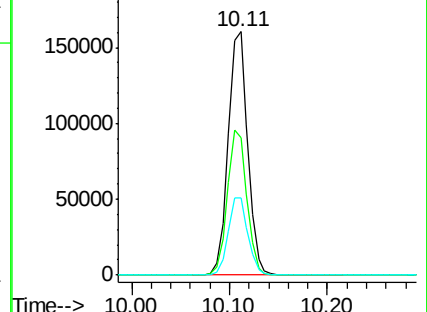
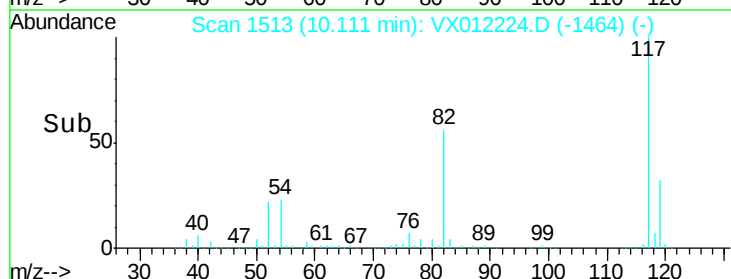


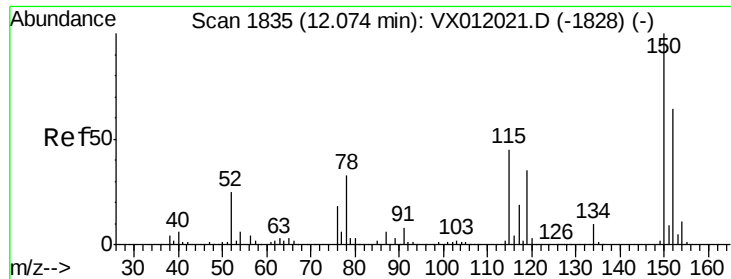
Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012021.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012021.D (-1505) (-)

Time-->

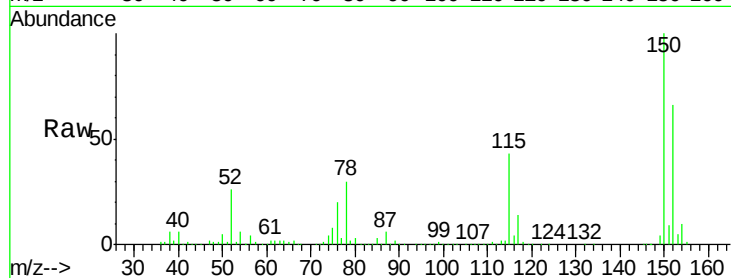




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012224.D
 Acq: 08 Sep 2019 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-A3-(4)

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.5	36.4	109.3
150	157.4	0.0	341.2



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

