

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012232.D
 Acq On : 08 Sep 2019 19:28
 Operator : SY/SP
 Sample : K4622-17
 Misc : 5.40g/5.0mL/MSVOA X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B3-(4)

Quant Time: Sep 09 03:30:13 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

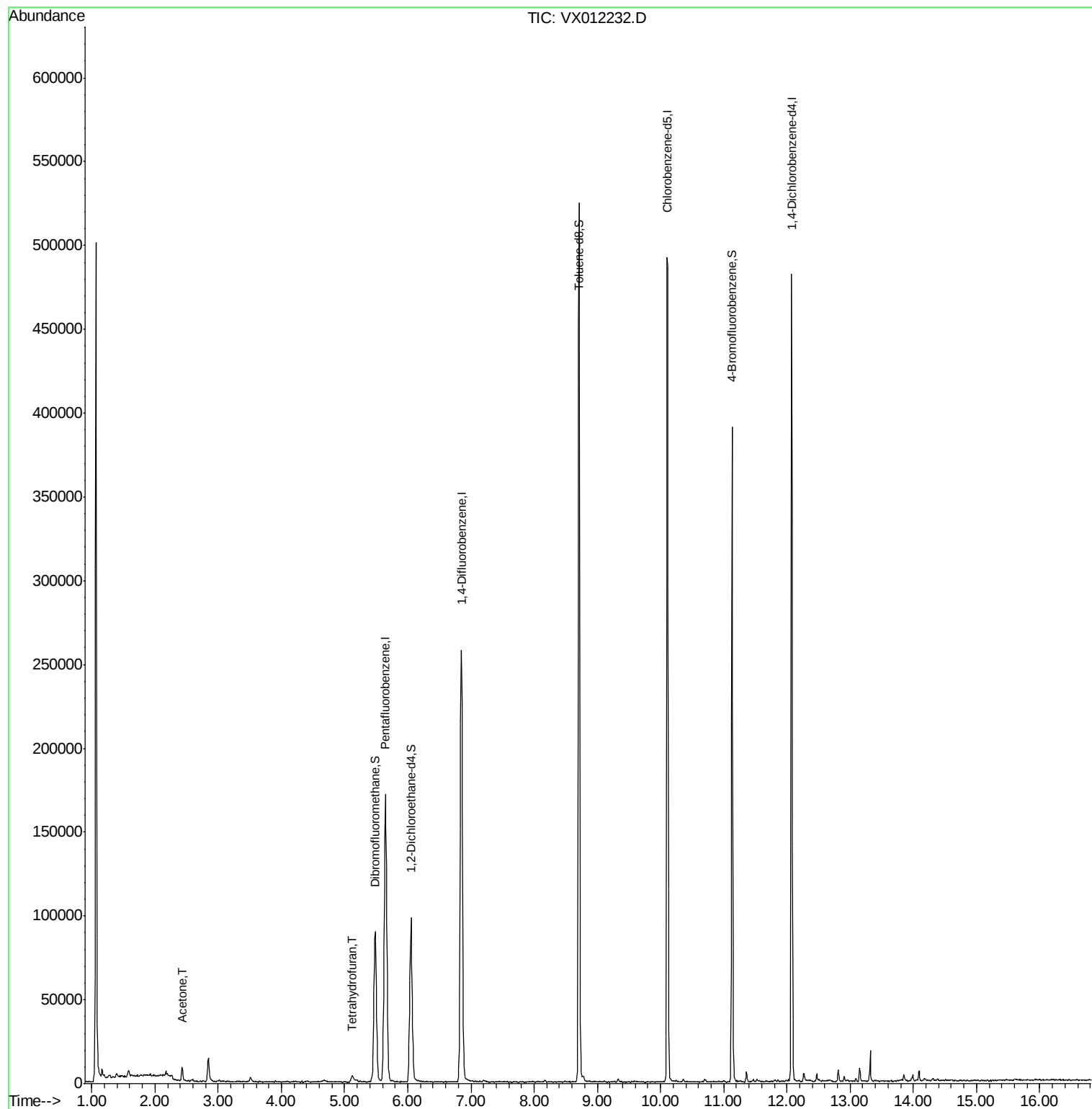
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	142043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	247631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	98572	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	5.48	113	74846	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	294483	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	11.13	95	112544	43.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.62%	
Target Compounds						
16) Acetone	2.42	43	8942	19.088	ug/l	98
29) Tetrahydrofuran	5.12	42	3747	10.429	ug/l	98

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

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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: VX012232.D

Acq: 08 Sep 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

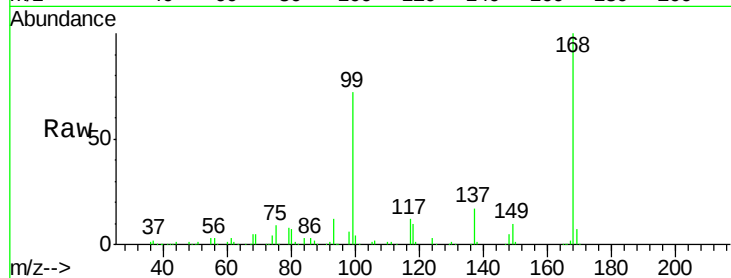
PAR-11-B3-(4)

Tot Ion:168 Resp: 142043

Ion Ratio Lower Upper

168 100

99 72.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

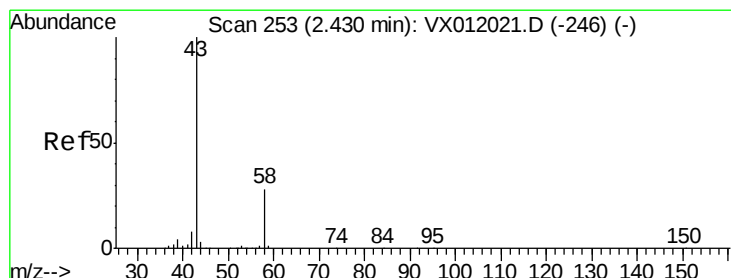
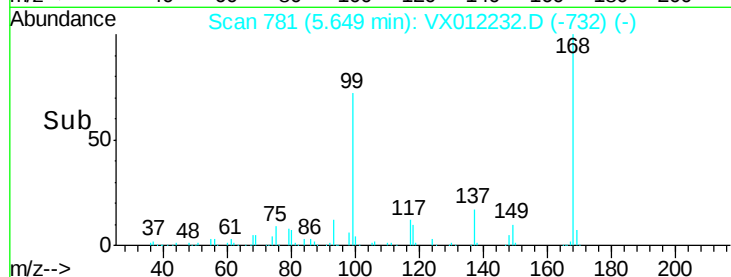
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 19.088 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012232.D

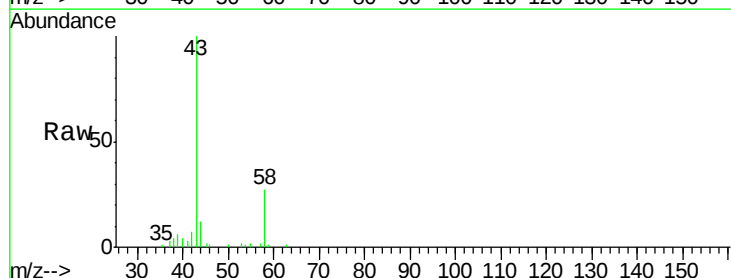
Acq: 08 Sep 2019 19:28

Tgt Ion: 43 Resp: 8942

Ion Ratio Lower Upper

43 100

58 27.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

5000

4000

3000

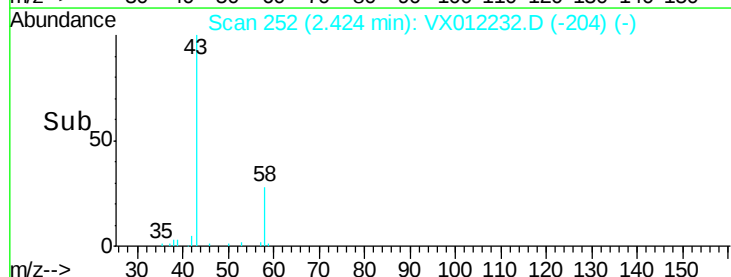
2000

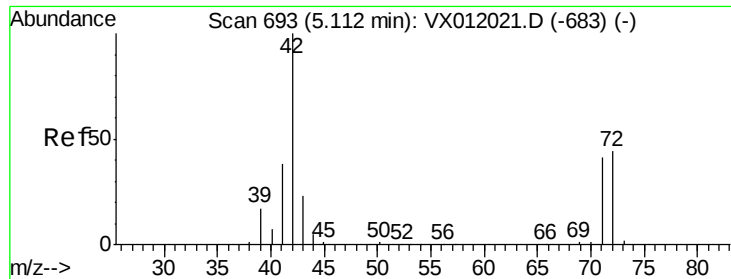
1000

0

Time-->

2.35 2.40 2.45 2.50 2.55

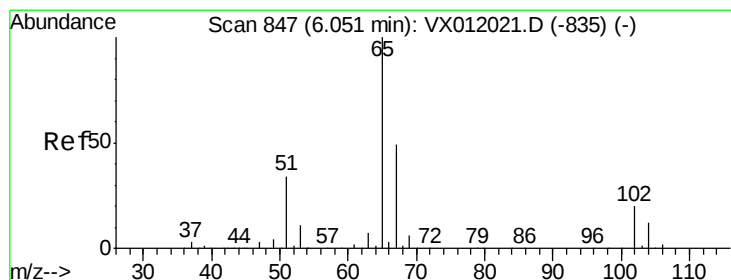
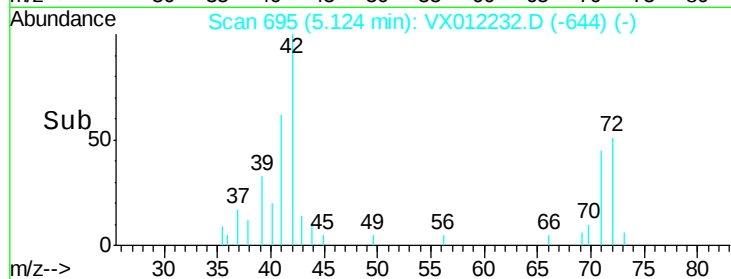
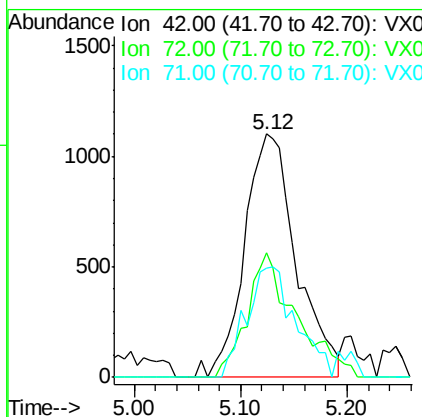
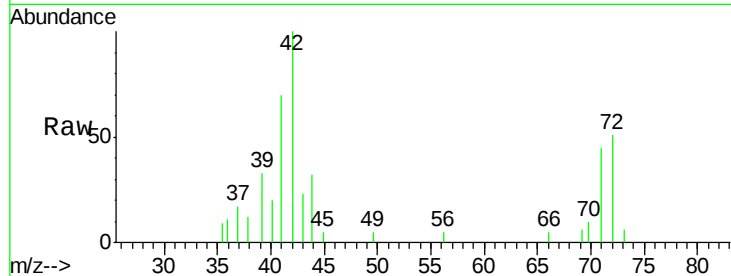




#29
Tetrahydrofuran
Concen: 10.429 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

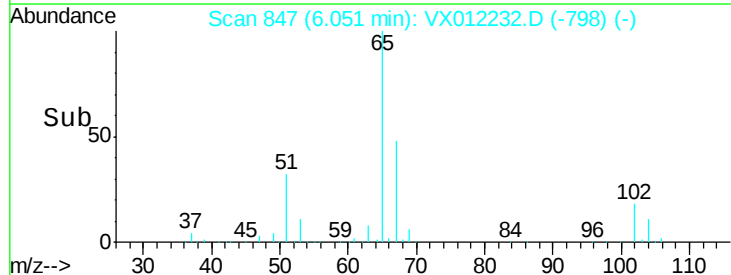
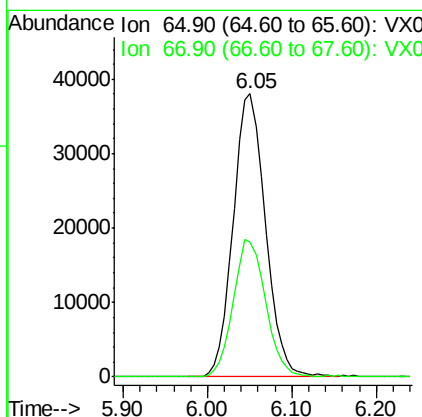
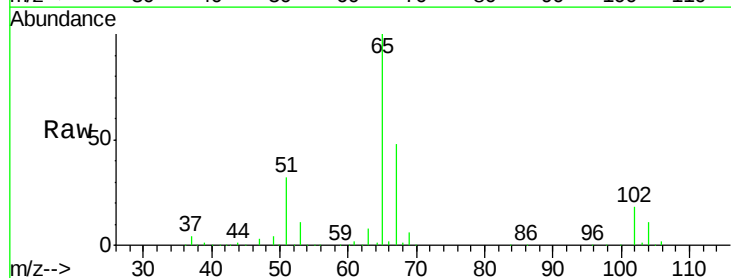
Instrument :
MSVOA_X
ClientSampled :
PAR-11-B3-(4)

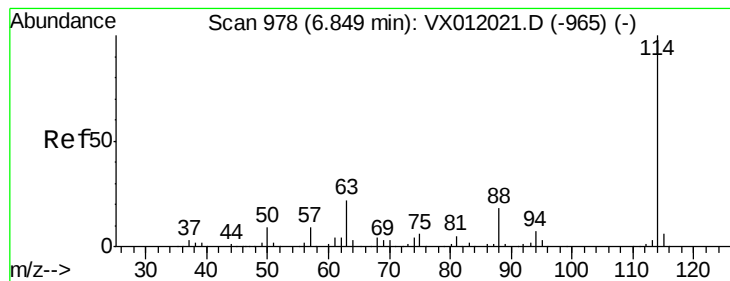
Tot Ion: 42 Resp: 3747
Ion Ratio Lower Upper
42 100
72 48.5 37.0 55.4
71 43.0 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 50.294 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

Tgt Ion: 65 Resp: 98572
Ion Ratio Lower Upper
65 100
67 48.7 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: VX012232.D

Acq: 08 Sep 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B3-(4)

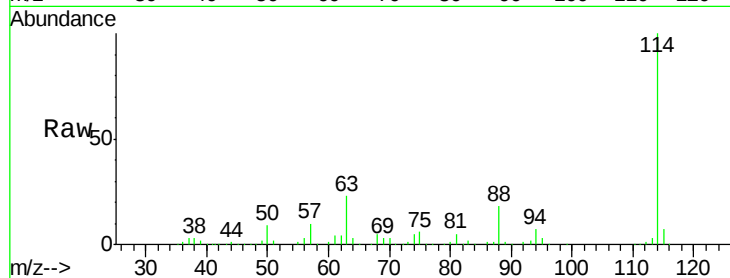
Tot Ion:114 Resp: 247631

Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.4

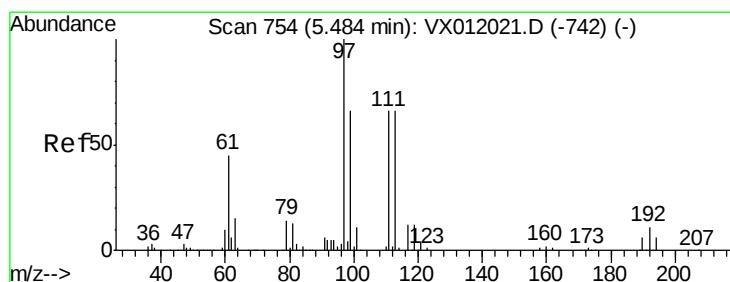
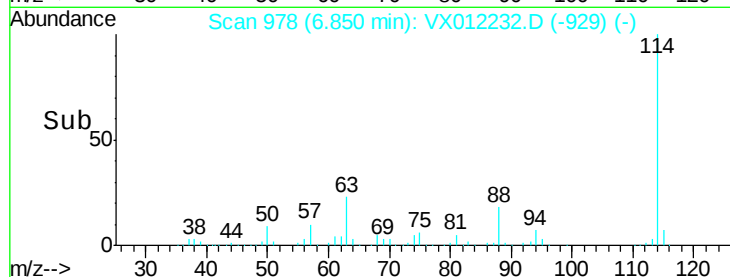
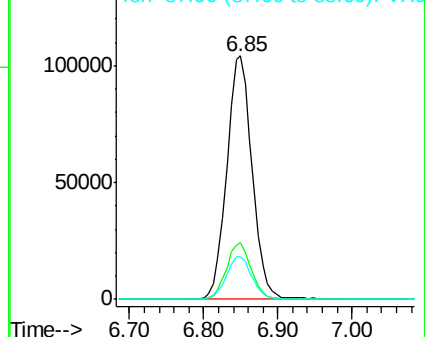
88 17.7 0.0 29.6



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: 49.148 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012232.D

Acq: 08 Sep 2019 19:28

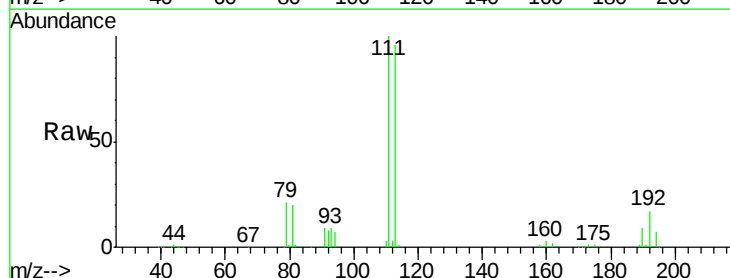
Tgt Ion:113 Resp: 74846

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

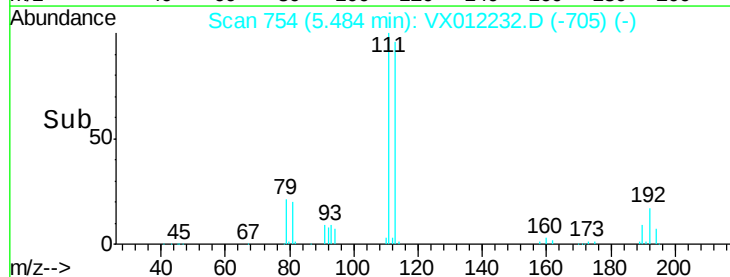
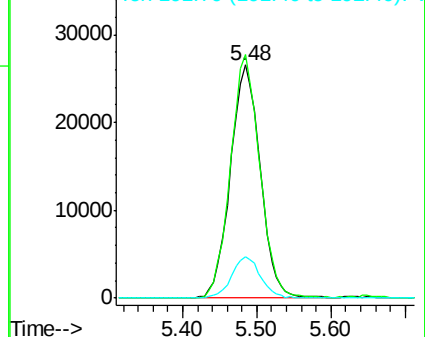
192 17.2 22.5 33.7#

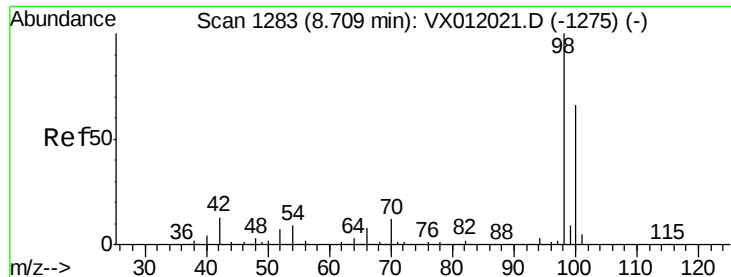


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

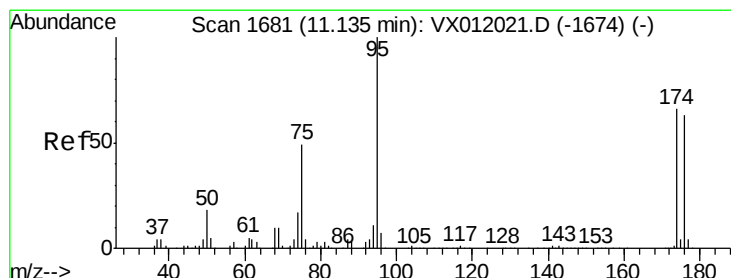
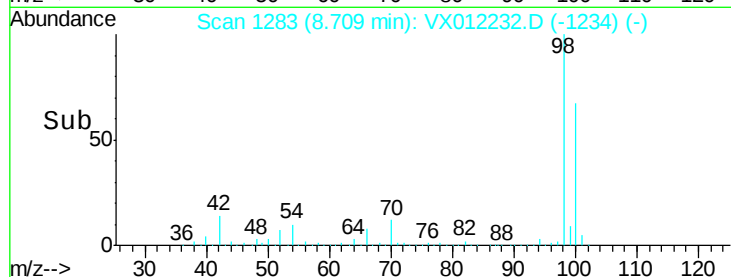
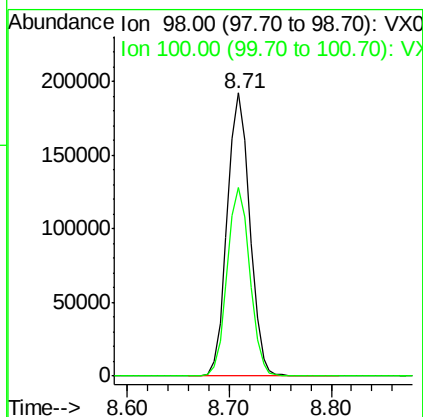
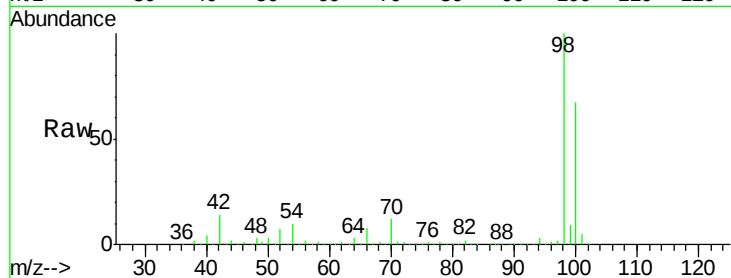




#50
Toluene-d8
Concen: 52.697 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

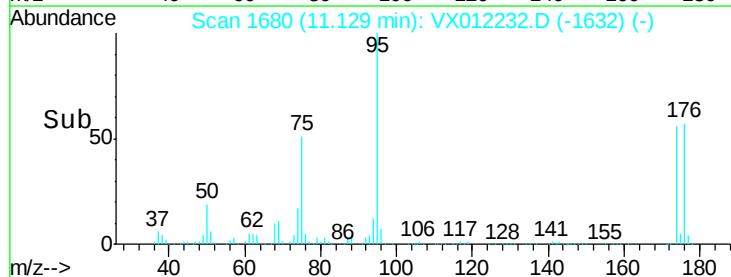
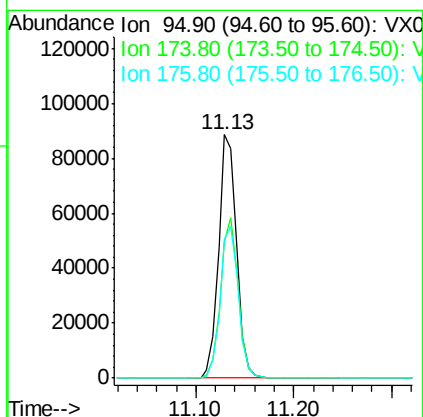
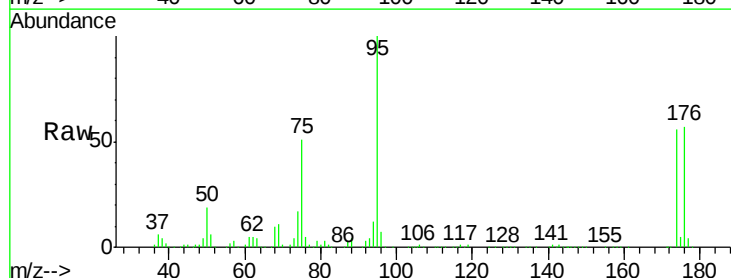
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B3-(4)

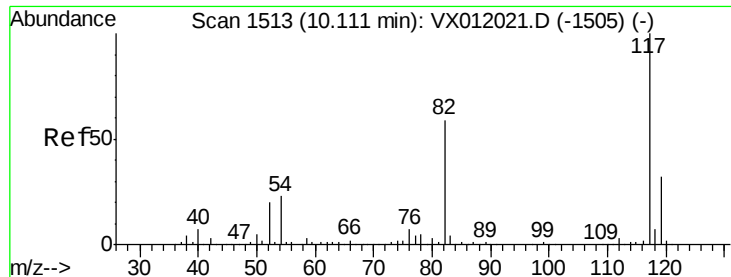
Tot Ion: 98 Resp: 294483
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.305 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

Tgt Ion: 95 Resp: 112544
Ion Ratio Lower Upper
95 100
174 64.7 0.0 205.4
176 62.7 0.0 201.8

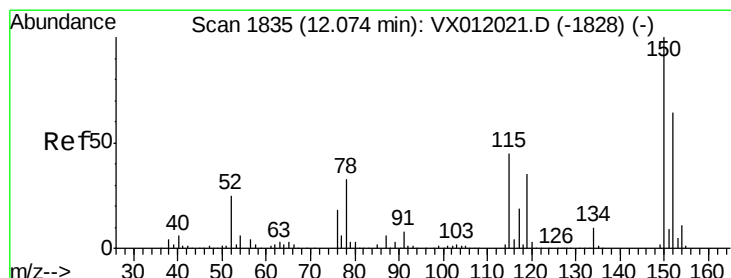
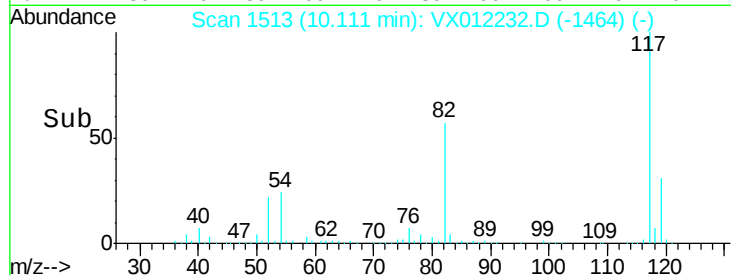
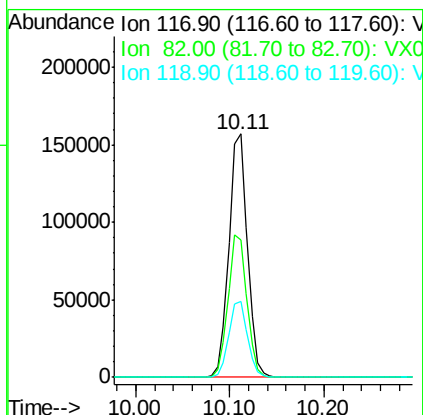
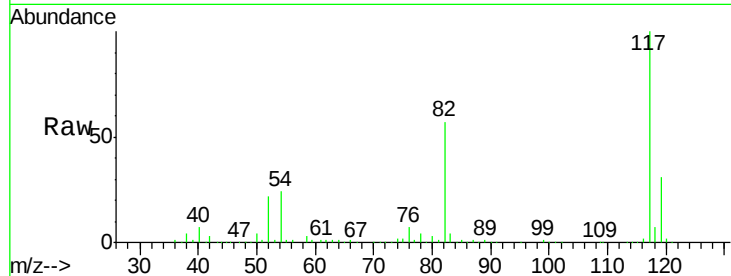




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B3-(4)

Tot Ion:117 Resp: 215047
Ion Ratio Lower Upper
117 100
82 56.7 39.4 59.0
119 31.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012232.D
Acq: 08 Sep 2019 19:28

Tgt Ion:152 Resp: 88447
Ion Ratio Lower Upper
152 100
115 65.6 36.4 109.3
150 157.1 0.0 341.2

