

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012220.D
 Acq On : 08 Sep 2019 13:51
 Operator : SY/SP
 Sample : K4622-04
 Misc : 6.57g/5.0mL/MSVOA X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-A3-(0)

Quant Time: Sep 09 02:19:00 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

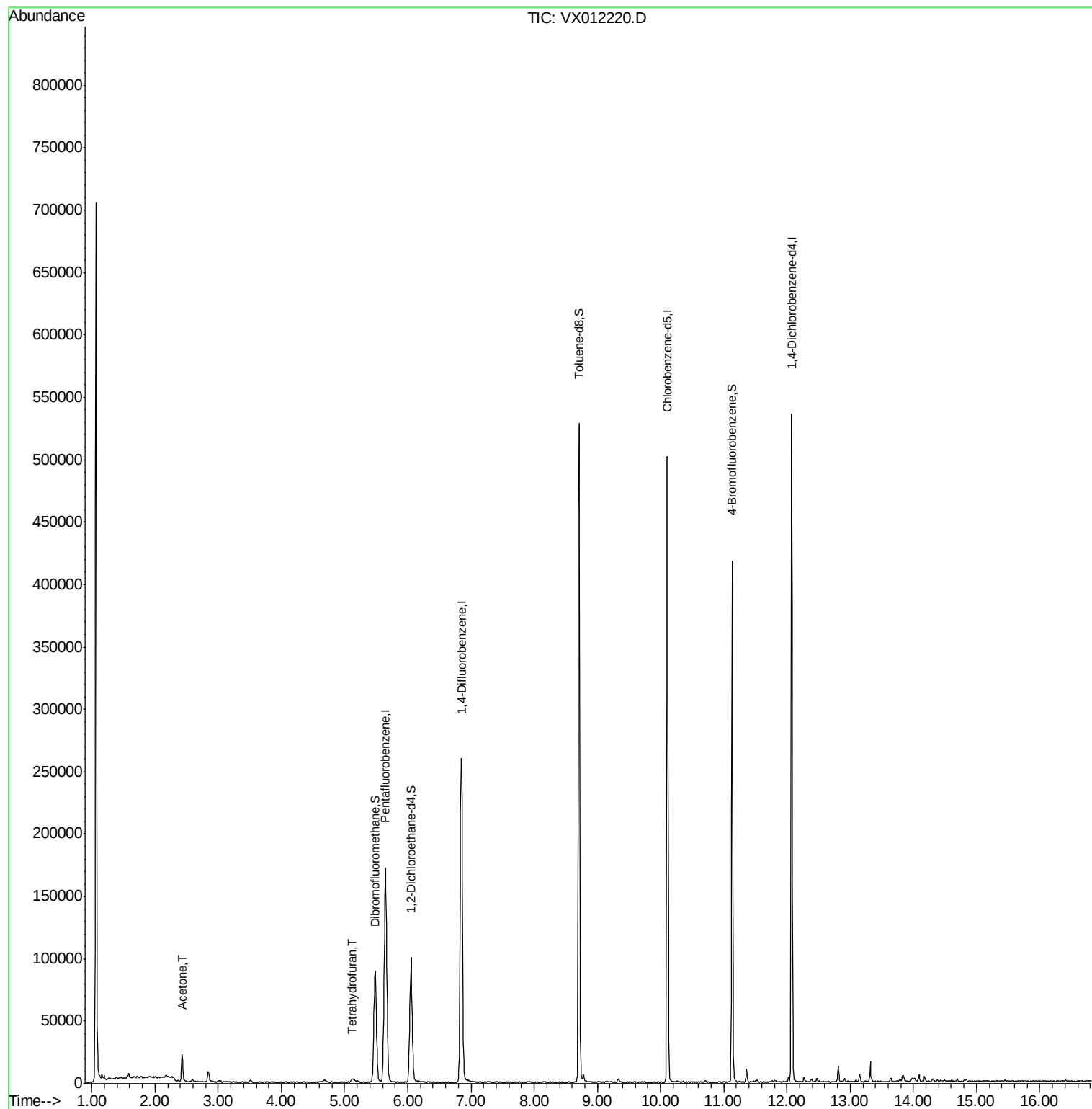
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	144619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	99023	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
35) Dibromofluoromethane	5.48	113	75442	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	295111	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.13	95	117800	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
16) Acetone	2.43	43	22906	48.025	ug/l	97
29) Tetrahydrofuran	5.12	42	2829	7.734	ug/l #	88

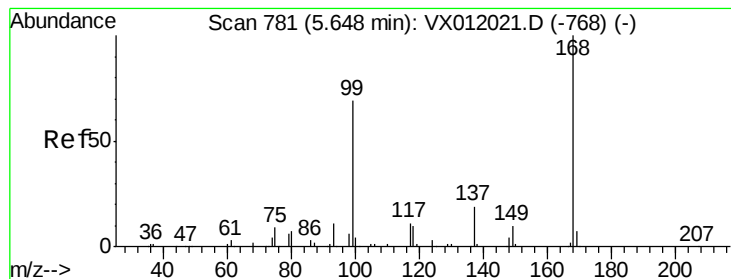
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Acq: 08 Sep 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

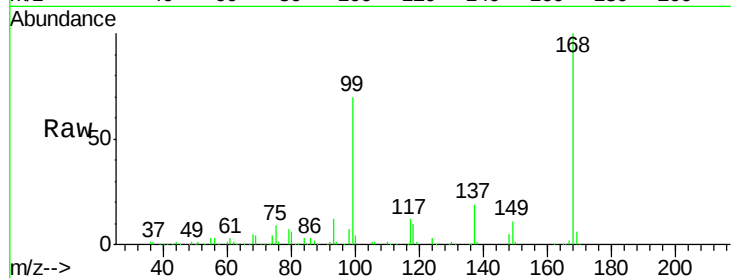
PAR-11-A3-(0)

Tot Ion:168 Resp: 144619

Ion Ratio Lower Upper

168 100

99 70.1 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

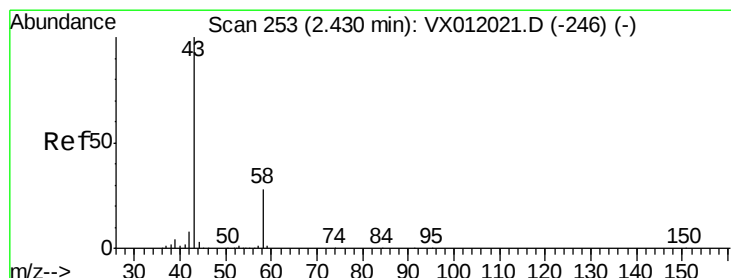
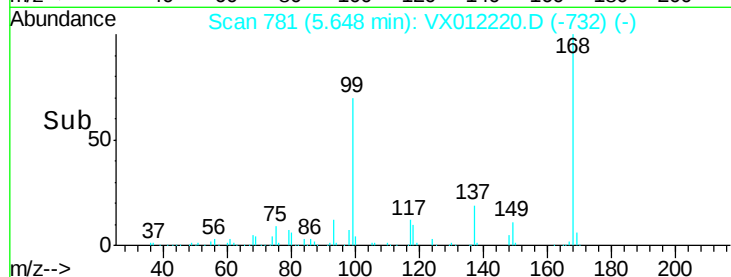
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 48.025 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012220.D

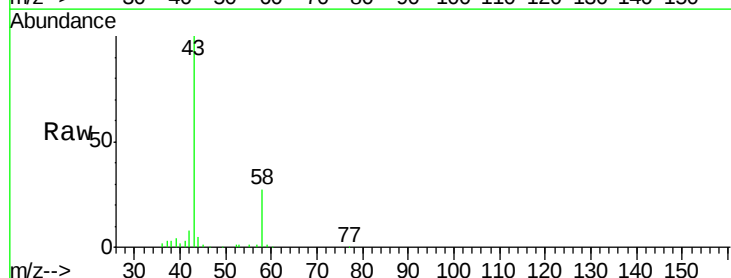
Acq: 08 Sep 2019 13:51

Tgt Ion: 43 Resp: 22906

Ion Ratio Lower Upper

43 100

58 26.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

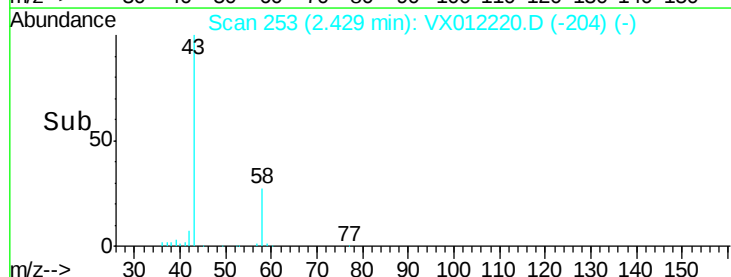
15000

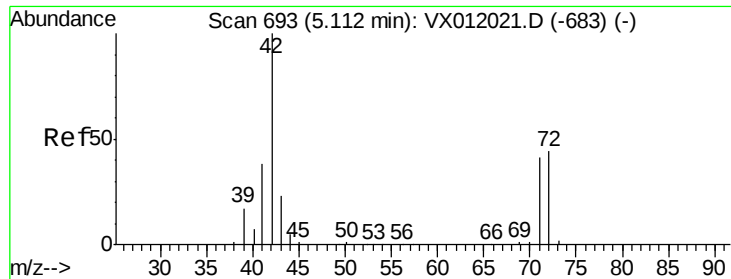
10000

5000

0

Time-->

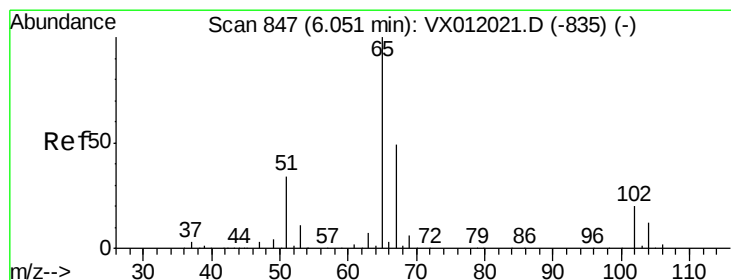
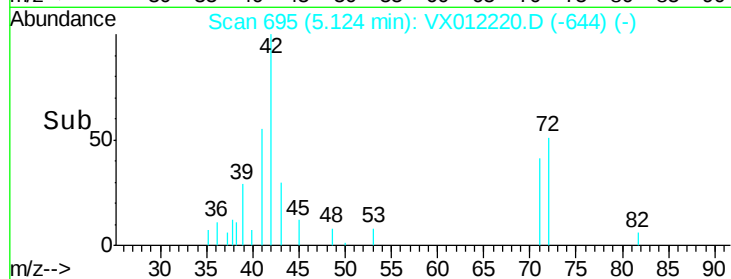
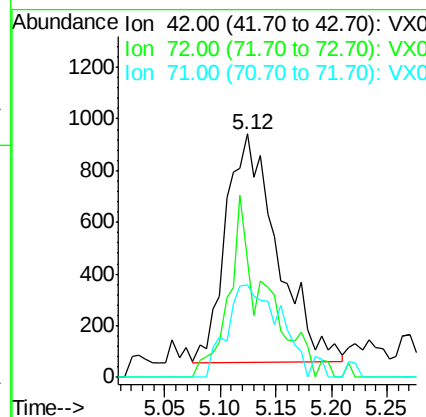
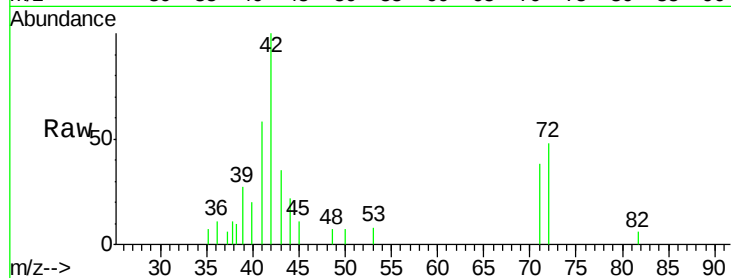




#29
Tetrahydrofuran
Concen: 7.734 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012220.D
Acq: 08 Sep 2019 13:51

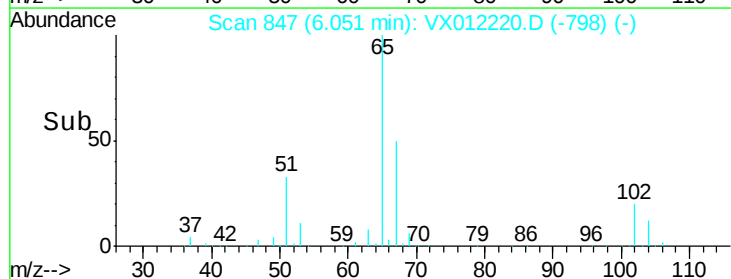
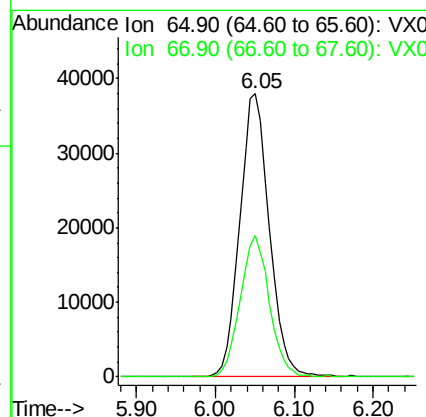
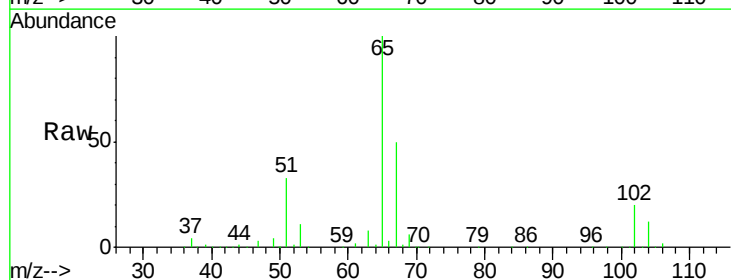
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A3-(0)

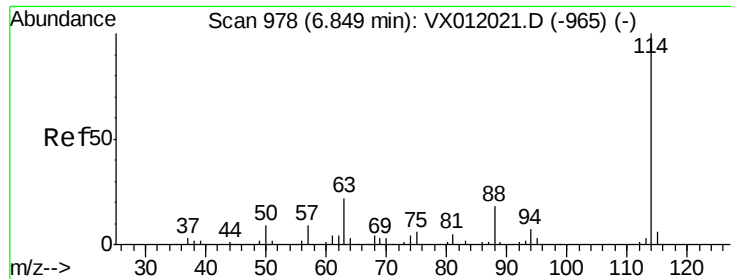
Tot Ion: 42 Resp: 2829
Ion Ratio Lower Upper
42 100
72 31.5 37.0 55.4#
71 41.4 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 49.624 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012220.D
Acq: 08 Sep 2019 13:51

Tgt Ion: 65 Resp: 99023
Ion Ratio Lower Upper
65 100
67 49.3 0.0 102.0

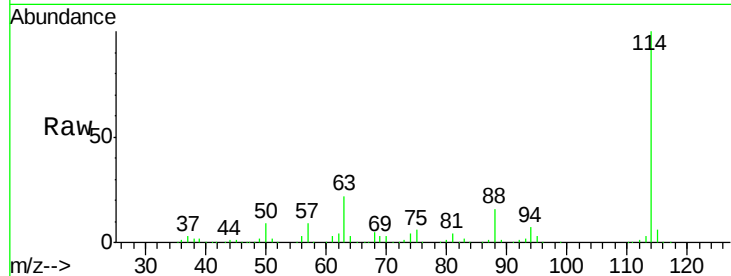




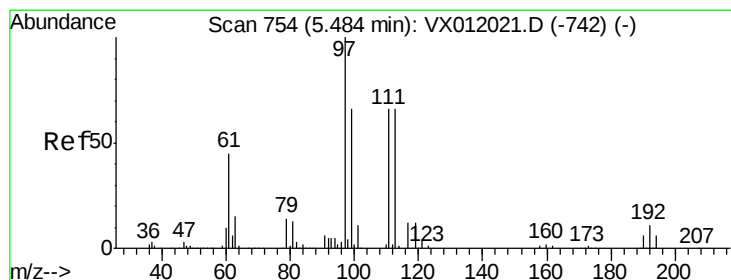
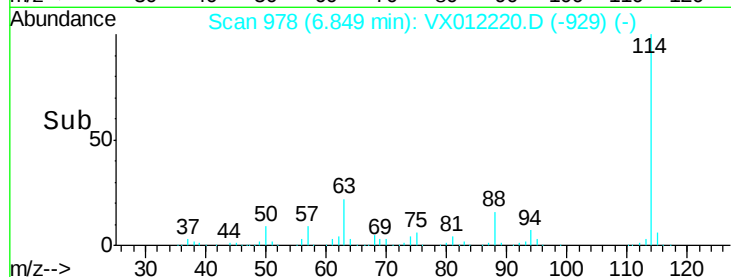
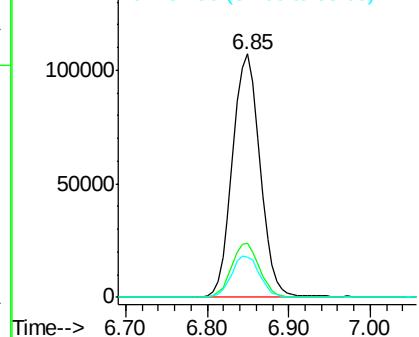
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012220.D
 Acq: 08 Sep 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-A3-(0)

Tot Ion:114 Resp: 250645
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 37.4
 88 16.4 0.0 29.6

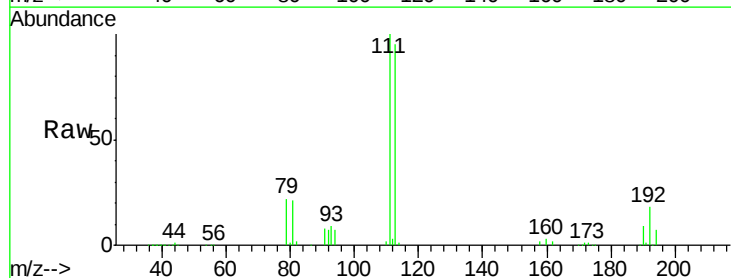


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

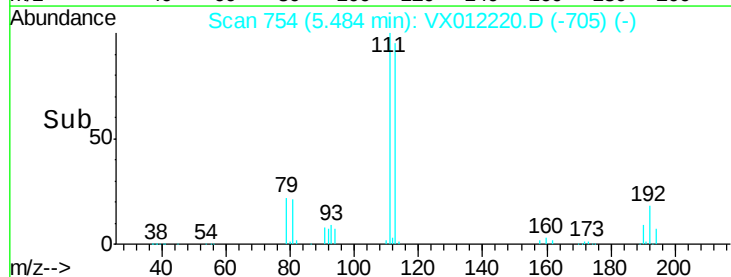
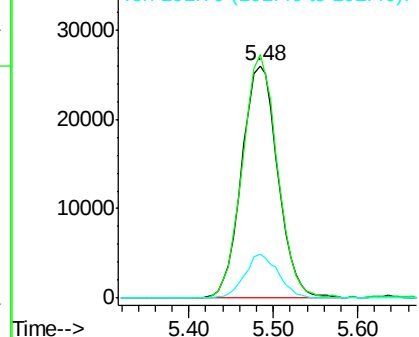


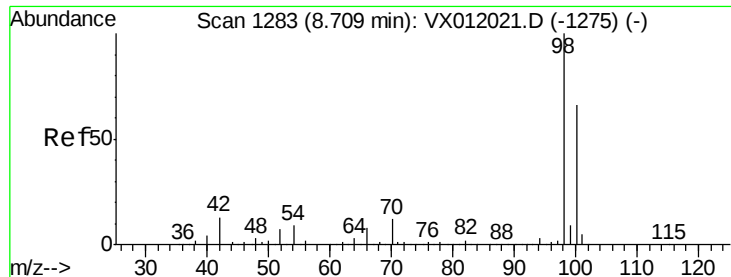
#35
 Dibromofluoromethane
 Concen: 48.944 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012220.D
 Acq: 08 Sep 2019 13:51

Tgt Ion:113 Resp: 75442
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.7 122.5
 192 17.8 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: 52.175 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012220.D

Acq: 08 Sep 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

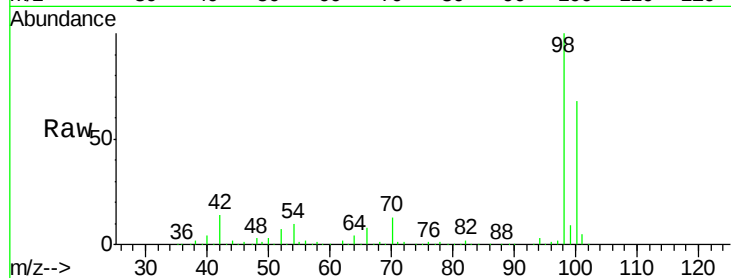
PAR-11-A3-(0)

Tot Ion: 98 Resp: 295111

Ion Ratio Lower Upper

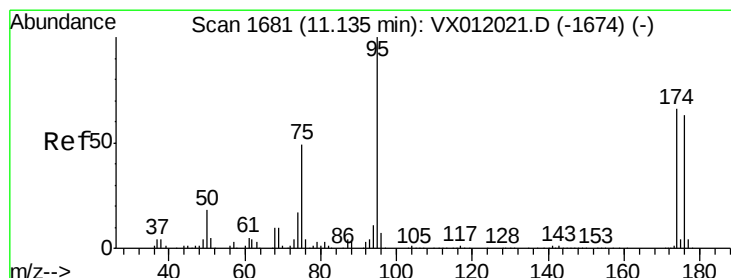
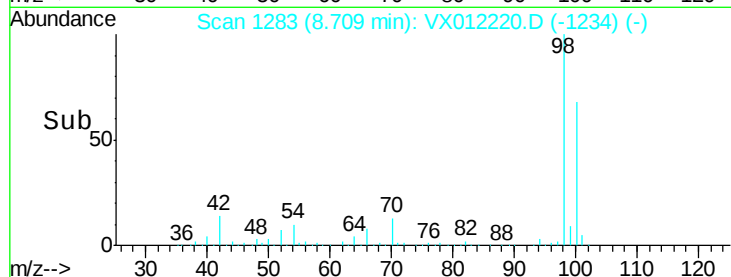
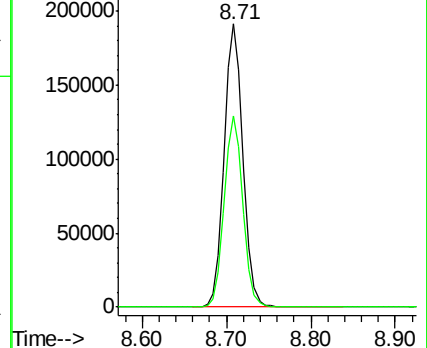
98 100

100 67.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.783 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012220.D

Acq: 08 Sep 2019 13:51

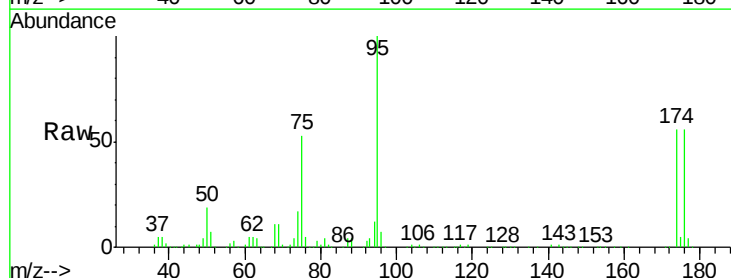
Tgt Ion: 95 Resp: 117800

Ion Ratio Lower Upper

95 100

174 65.1 0.0 205.4

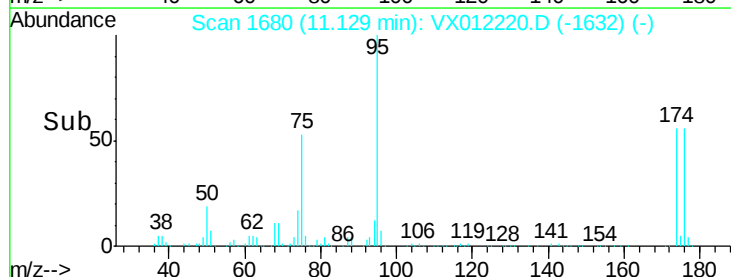
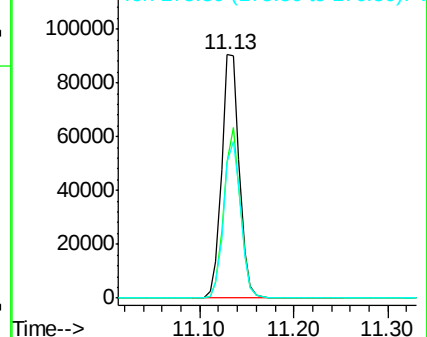
176 62.4 0.0 201.8

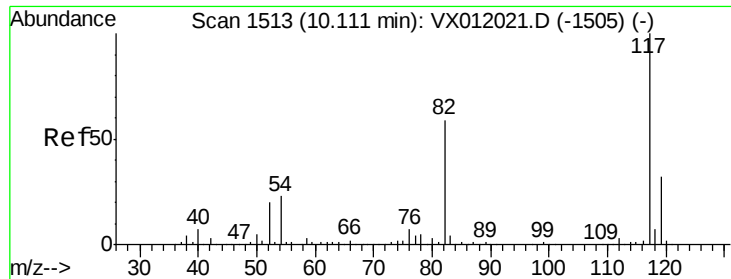


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

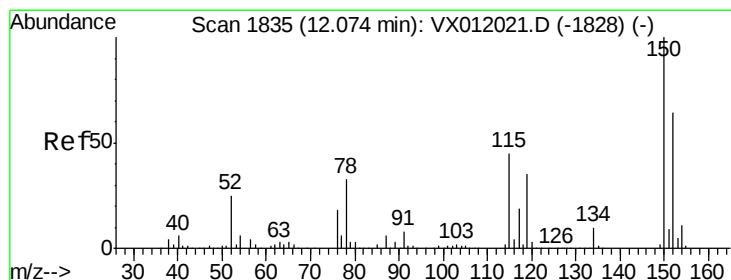
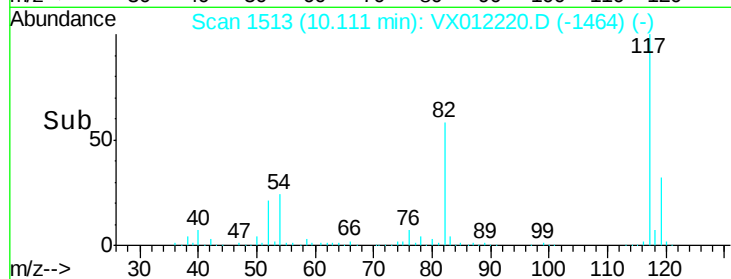
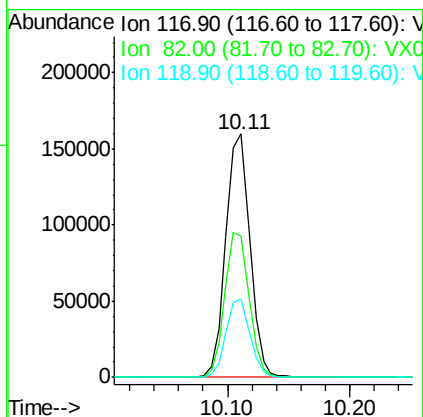
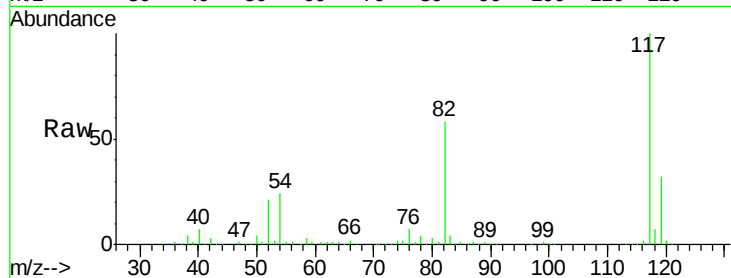




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012220.D
Acq: 08 Sep 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A3-(0)

Tot Ion:117 Resp: 218987
Ion Ratio Lower Upper
117 100
82 57.8 39.4 59.0
119 32.2 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: VX012220.D
Acq: 08 Sep 2019 13:51

Tgt Ion:152 Resp: 98768
Ion Ratio Lower Upper
152 100
115 66.1 36.4 109.3
150 155.0 0.0 341.2

