

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012227.D
 Acq On : 08 Sep 2019 17:08
 Operator : SY/SP
 Sample : K4622-12
 Misc : 5.40g/5.0mL/MSVOA X/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B2-(0)

Quant Time: Sep 09 03:17:56 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

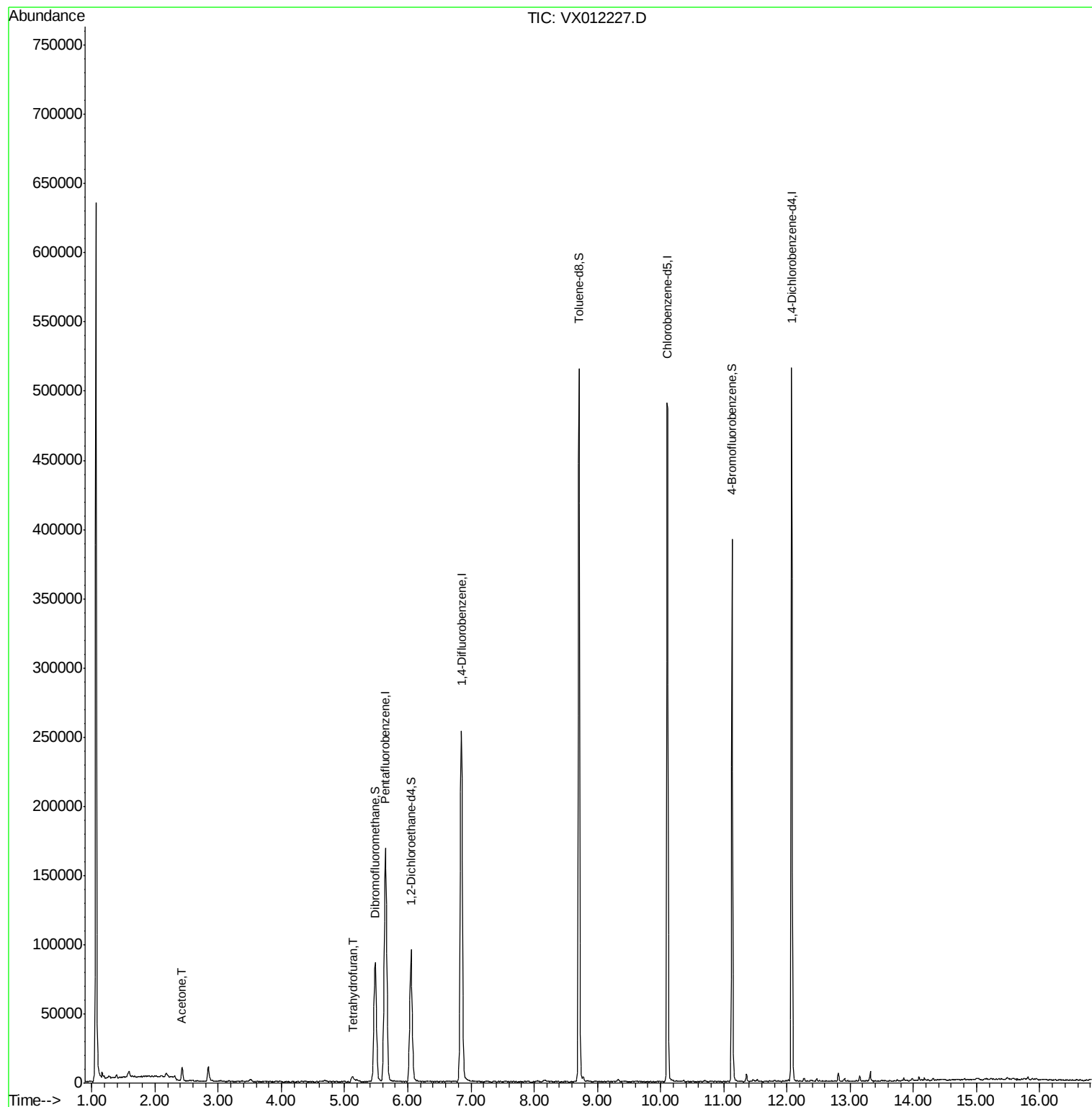
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	242783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	212765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	95381	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
35) Dibromofluoromethane	5.48	113	73029	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	288697	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.13	95	113370	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
Target Compounds						
16) Acetone	2.43	43	11010	23.212	ug/l	99
29) Tetrahydrofuran	5.13	42	3421	9.404	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

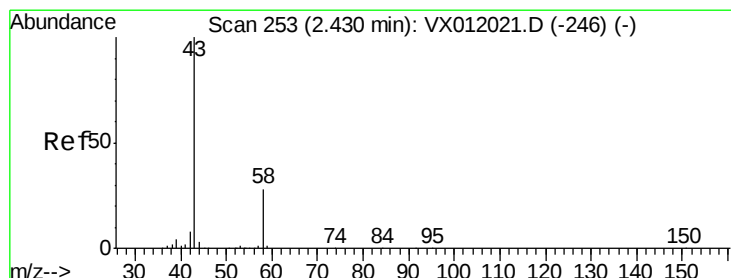
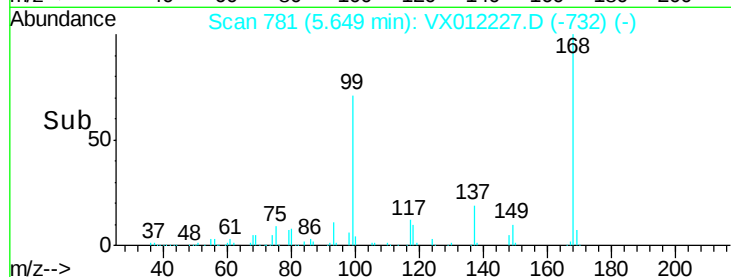
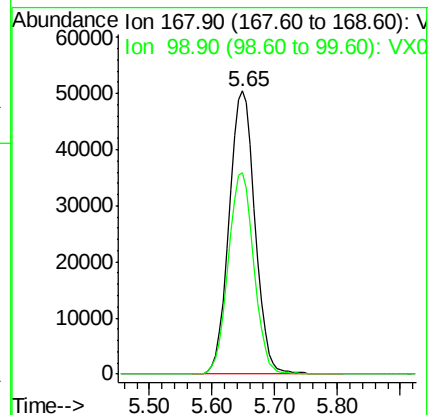
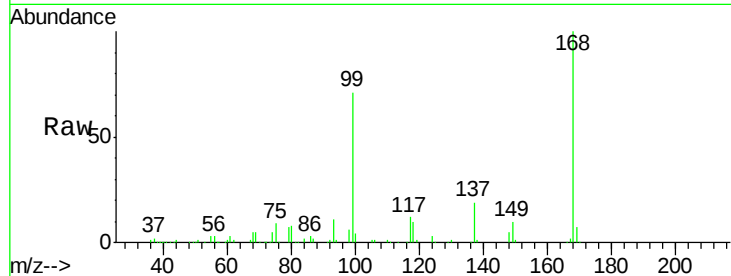
PAR-11-B2-(0)

Tot Ion:168 Resp: 143821

Ion Ratio Lower Upper

168 100

99 71.3 37.6 56.4#



#16

Acetone

Concen: 23.212 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012227.D

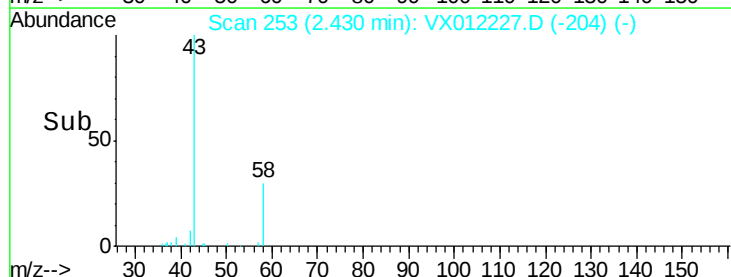
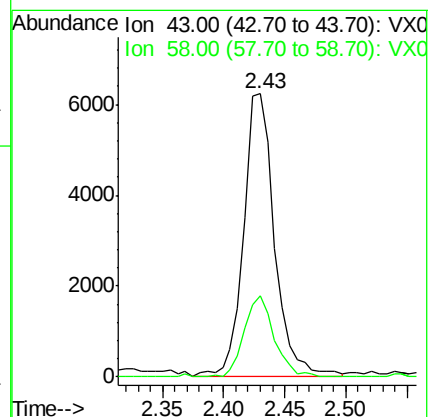
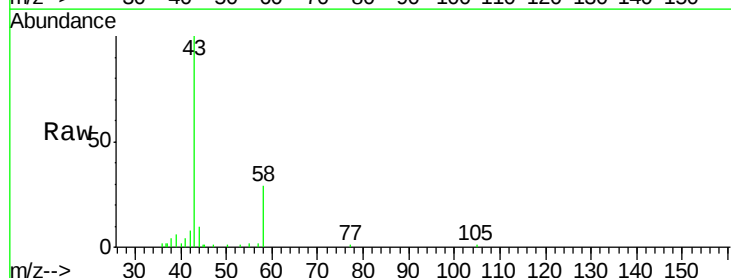
Acq: 08 Sep 2019 17:08

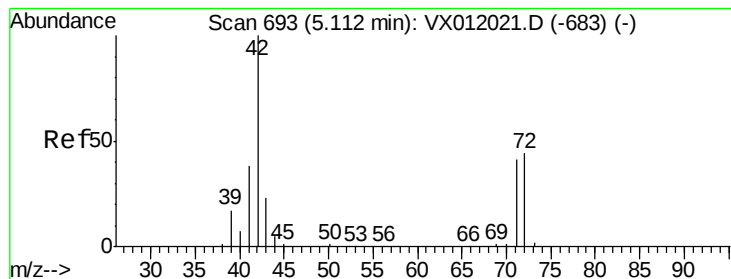
Tgt Ion: 43 Resp: 11010

Ion Ratio Lower Upper

43 100

58 28.9 22.8 34.2





#29

Tetrahydrofuran

Concen: 9.404 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012227.D

Acq: 08 Sep 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B2-(0)

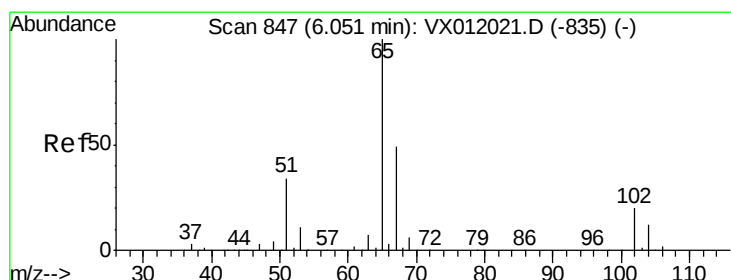
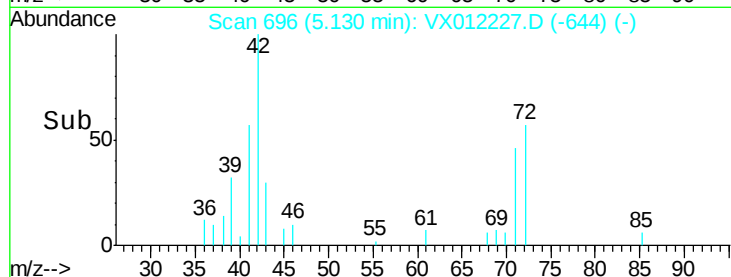
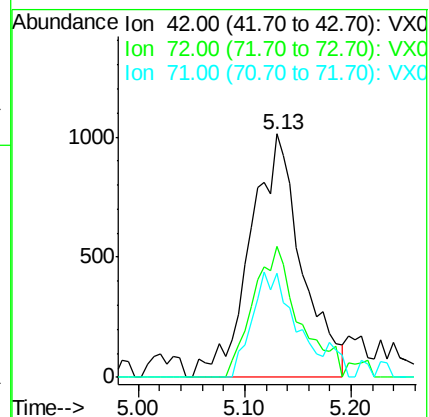
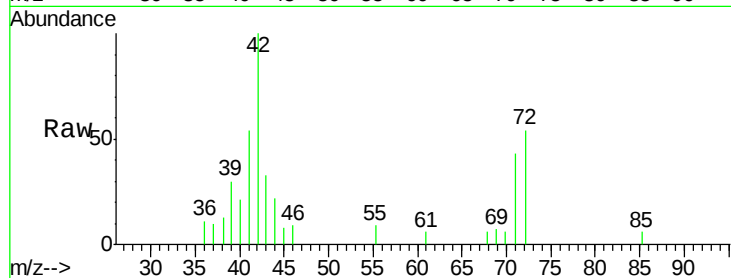
Tot Ion: 42 Resp: 3421

Ion Ratio Lower Upper

42 100

72 47.9 37.0 55.4

71 35.9 33.8 50.8



#33

1,2-Dichloroethane-d4

Concen: 48.064 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012227.D

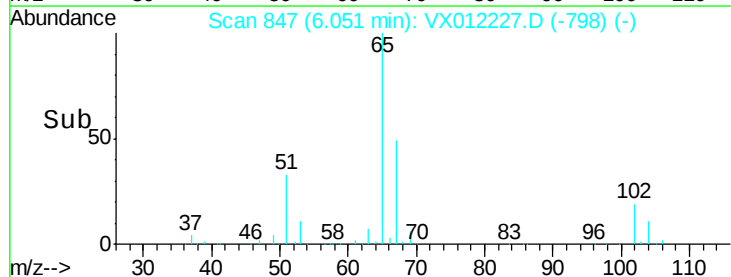
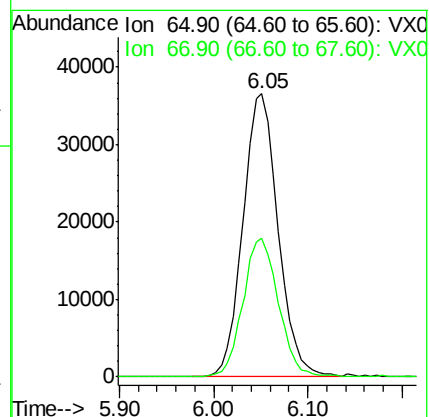
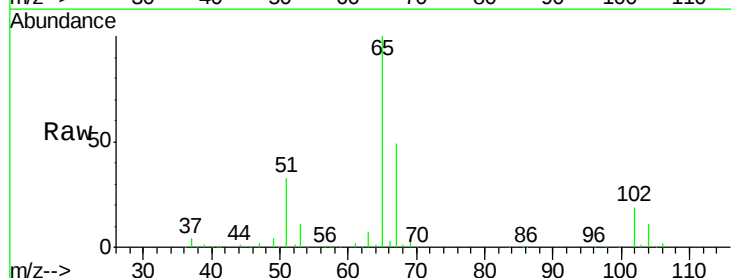
Acq: 08 Sep 2019 17:08

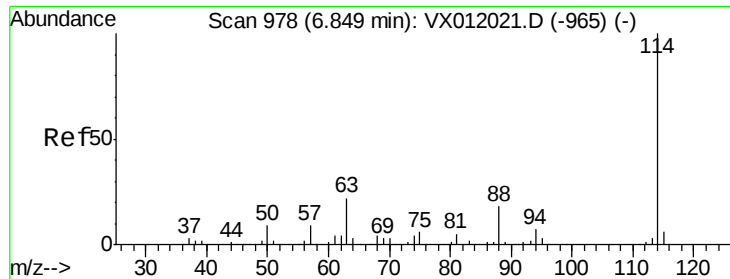
Tgt Ion: 65 Resp: 95381

Ion Ratio Lower Upper

65 100

67 49.7 0.0 102.0

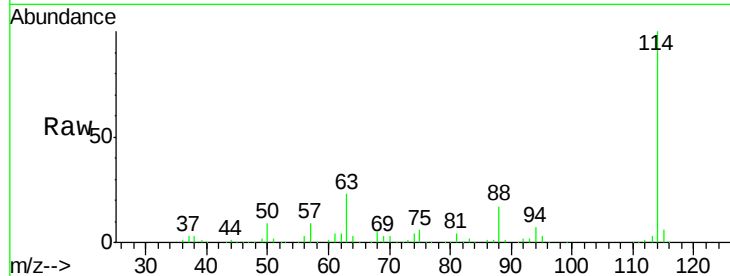




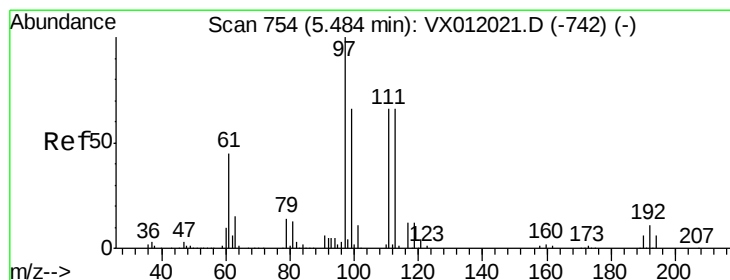
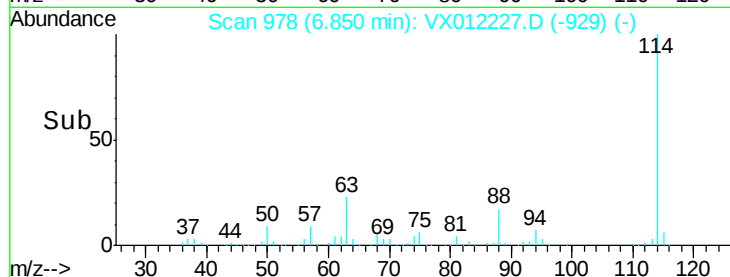
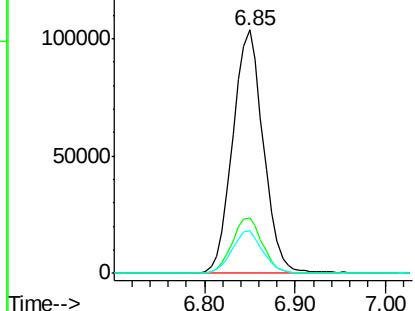
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012227.D
 Acq: 08 Sep 2019 17:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B2-(0)

Tot Ion:114 Resp: 242783
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.4
 88 17.4 0.0 29.6

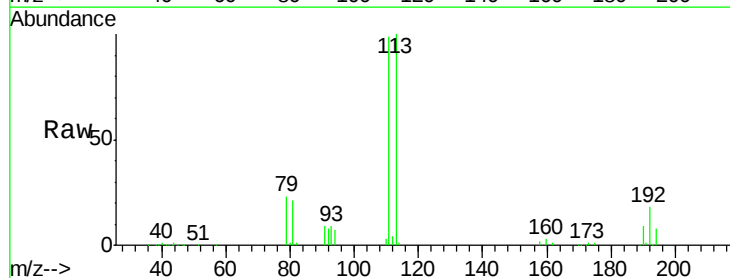


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

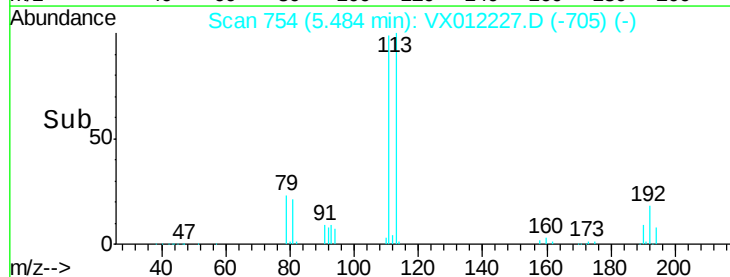
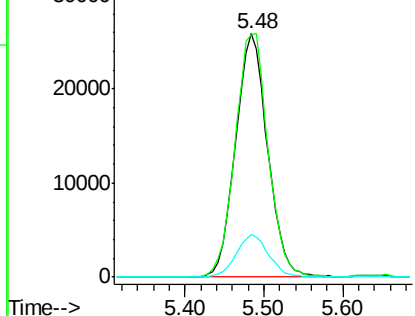


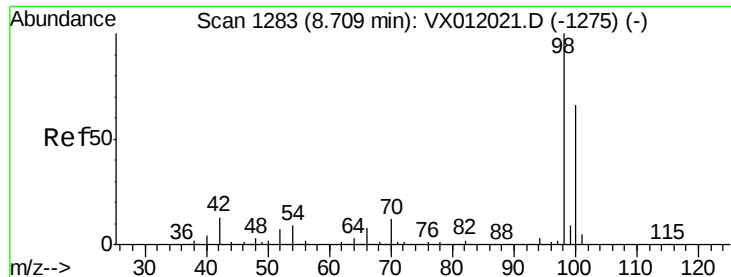
#35
 Dibromofluoromethane
 Concen: 48.913 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012227.D
 Acq: 08 Sep 2019 17:08

Tgt Ion:113 Resp: 73029
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 17.6 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: 52.693 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012227.D

Acq: 08 Sep 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

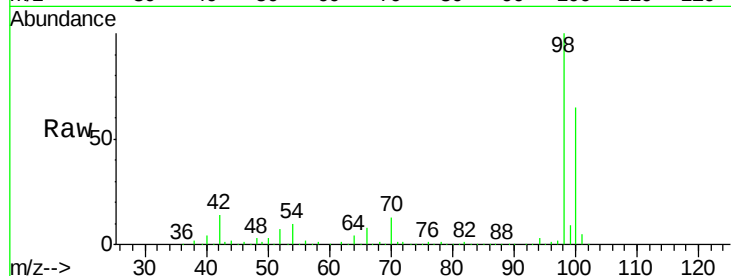
PAR-11-B2-(0)

Tot Ion: 98 Resp: 288697

Ion Ratio Lower Upper

98 100

100 66.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

200000

150000

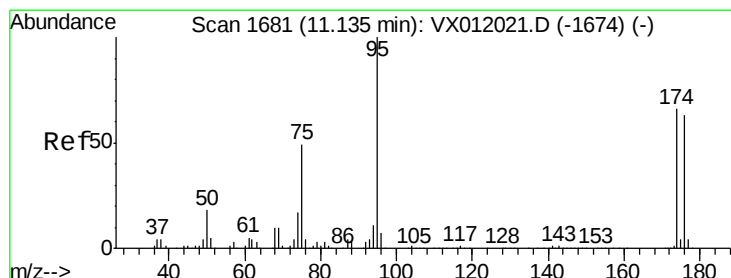
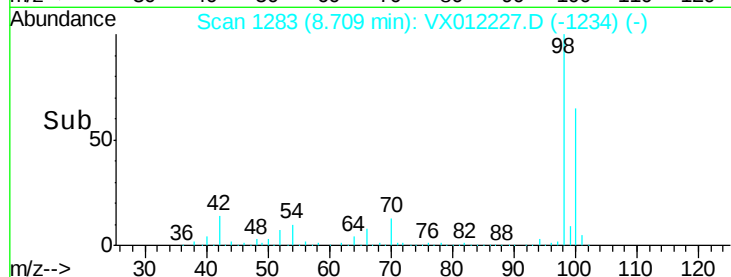
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.494 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012227.D

Acq: 08 Sep 2019 17:08

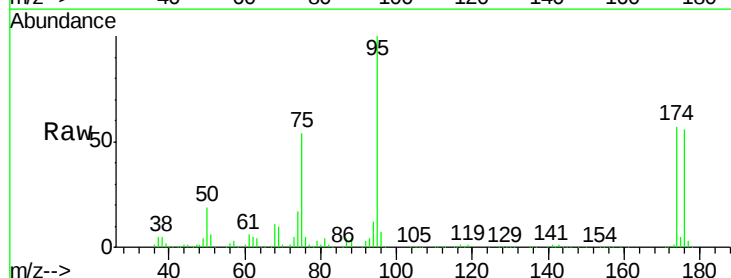
Tgt Ion: 95 Resp: 113370

Ion Ratio Lower Upper

95 100

174 65.2 0.0 205.4

176 63.1 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

120000

100000

80000

60000

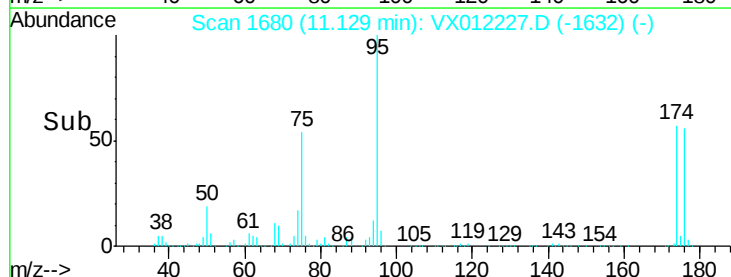
40000

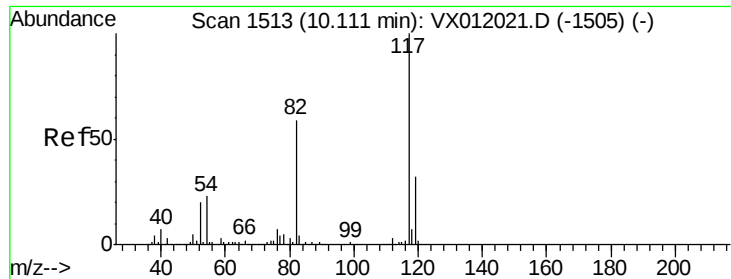
20000

0

Time-->

11.10 11.20

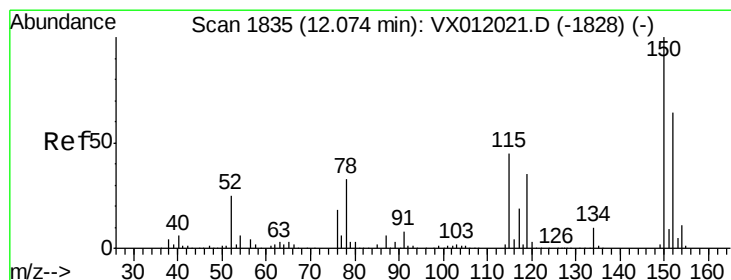
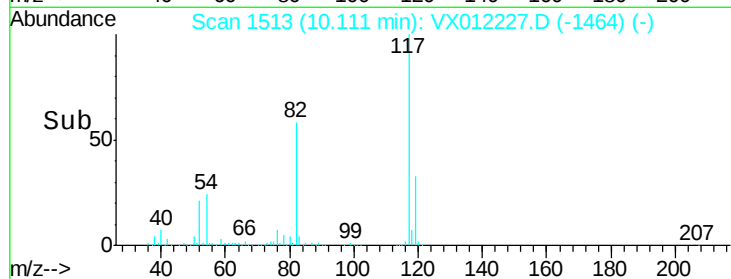
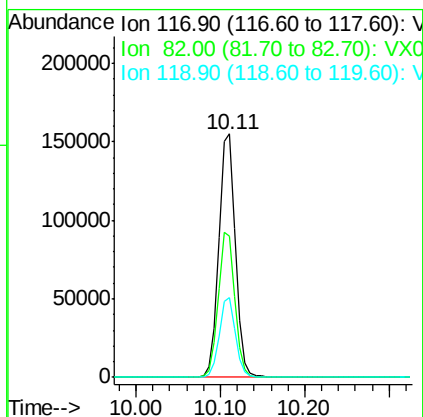
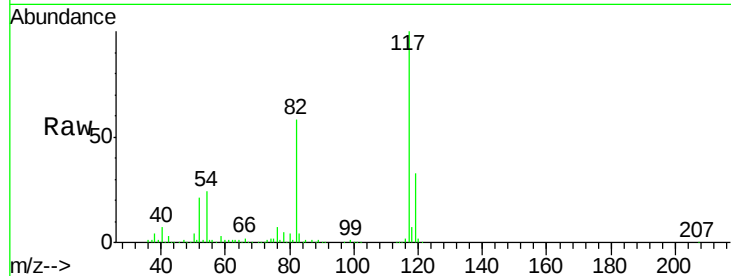




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012227.D
Acq: 08 Sep 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	39.4	59.0
119	32.8	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: VX012227.D
Acq: 08 Sep 2019 17:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.9	36.4	109.3
150	155.6	0.0	341.2

