

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012222.D
 Acq On : 08 Sep 2019 14:47
 Operator : SY/SP
 Sample : K4622-06
 Misc : 5.38g/5.0mL/MSVOA X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-A1-(4)

Quant Time: Sep 09 02:22:24 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

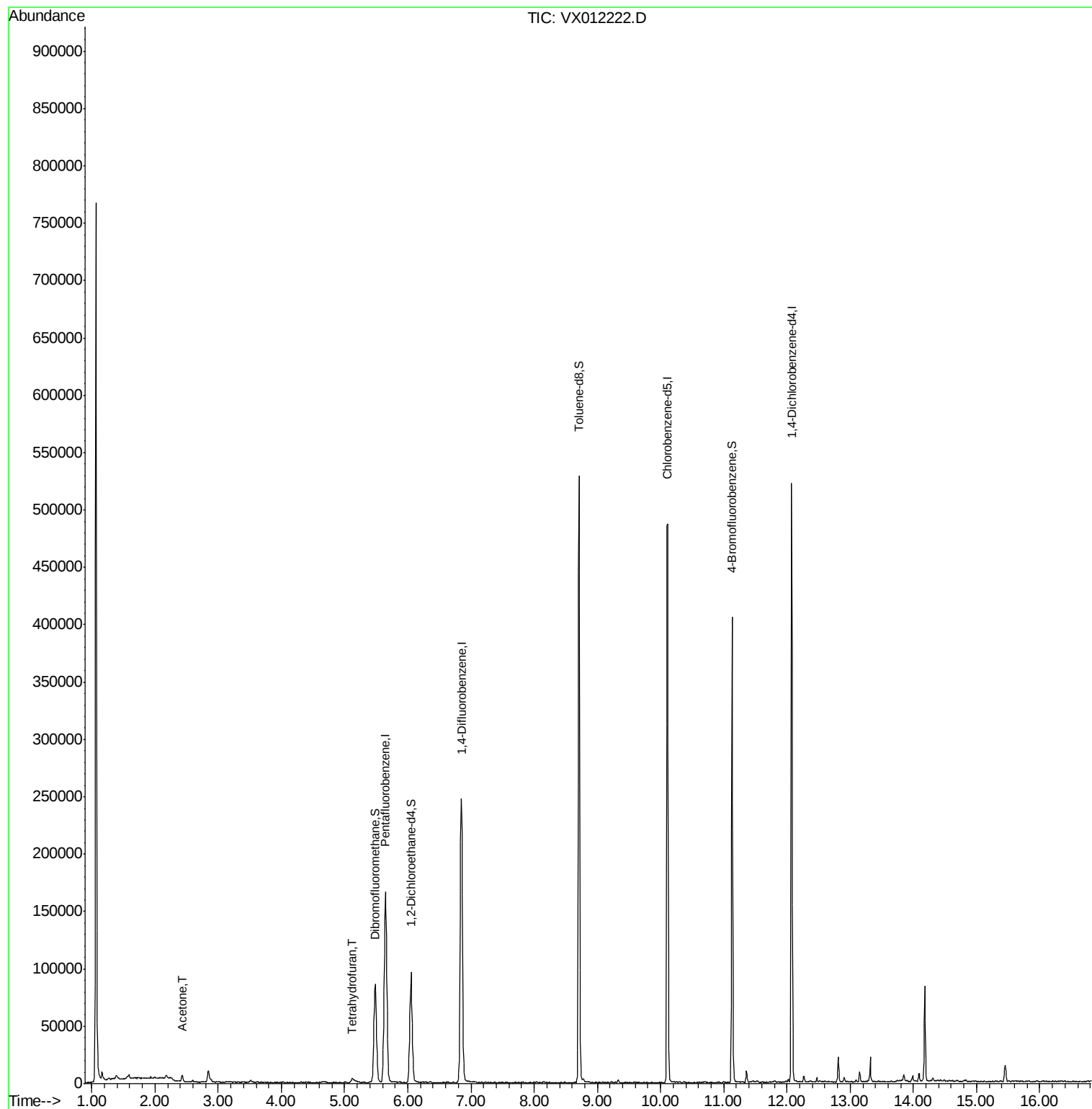
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	140300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	243704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	213260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96484	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	95883	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	5.48	113	71730	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
50) Toluene-d8	8.71	98	290958	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	11.13	95	118063	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
16) Acetone	2.43	43	6774	14.640	ug/l	94
29) Tetrahydrofuran	5.12	42	3449	9.719	ug/l	99

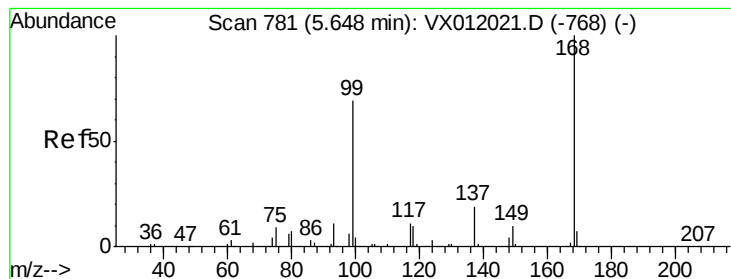
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VX012222.D

Acq: 08 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

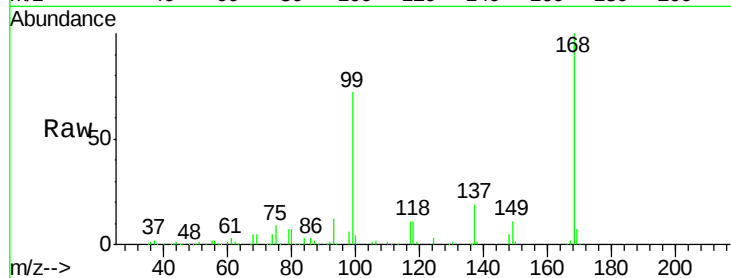
PAR-11-A1-(4)

Tot Ion:168 Resp: 140300

Ion Ratio Lower Upper

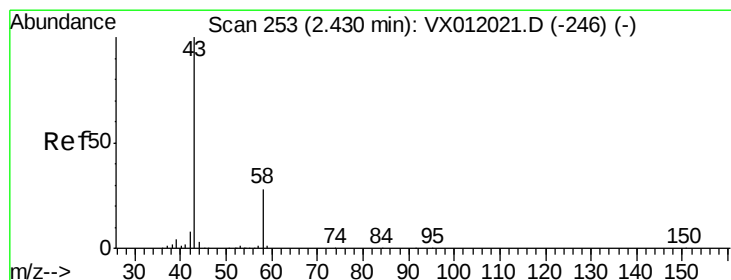
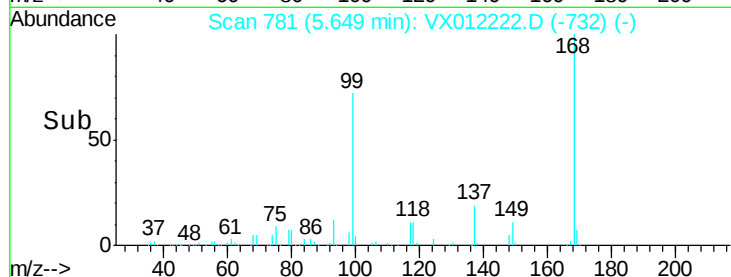
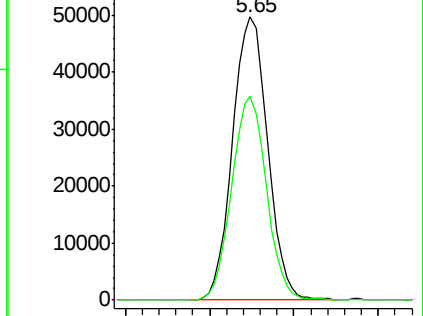
168 100

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



#16

Acetone

Concen: 14.640 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012222.D

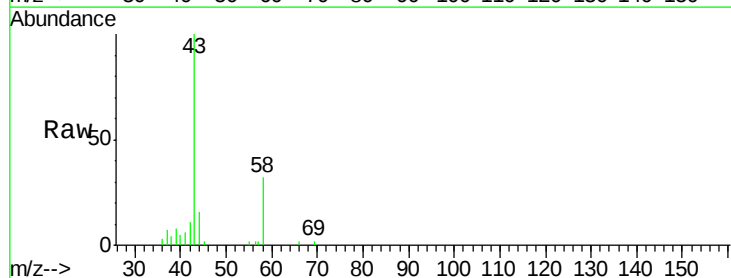
Acq: 08 Sep 2019 14:47

Tgt Ion: 43 Resp: 6774

Ion Ratio Lower Upper

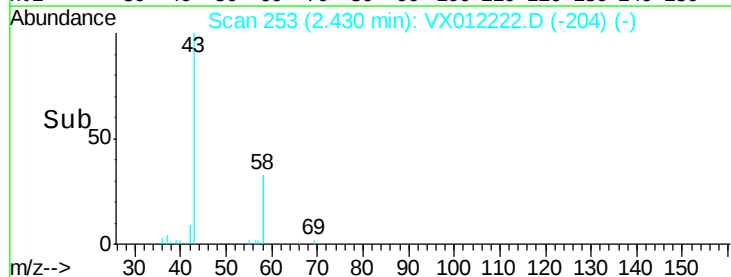
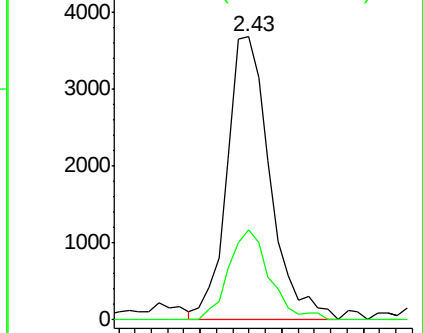
43 100

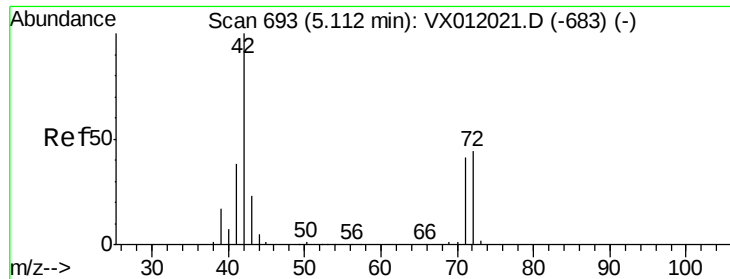
58 31.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

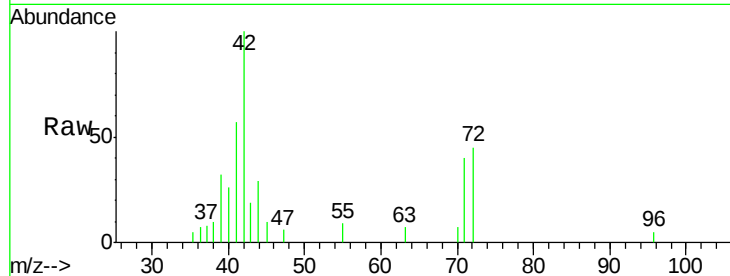




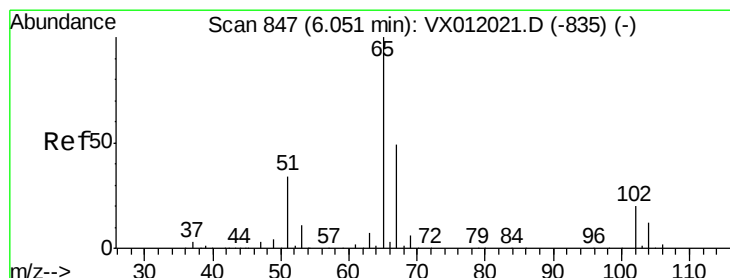
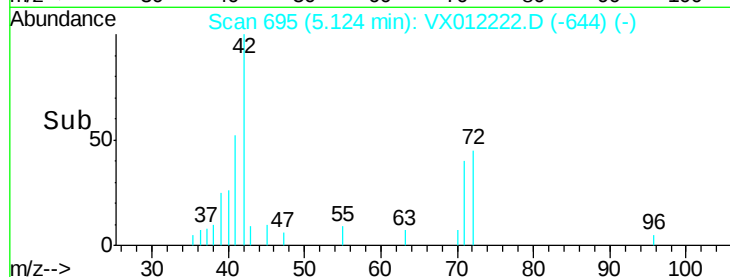
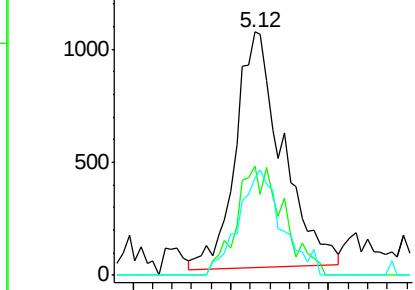
#29
Tetrahydrofuran
Concen: 9.719 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012222.D
Acq: 08 Sep 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A1-(4)

Tot Ion: 42 Resp: 3449
Ion Ratio Lower Upper
42 100
72 46.7 37.0 55.4
71 41.8 33.8 50.8

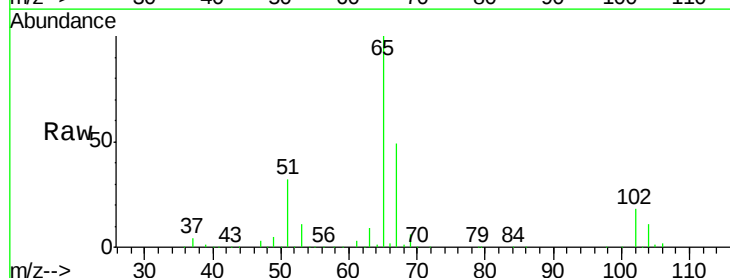


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

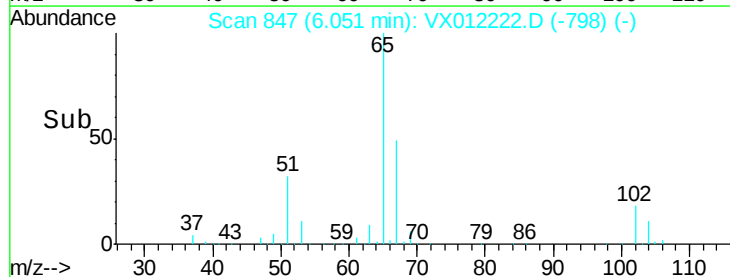
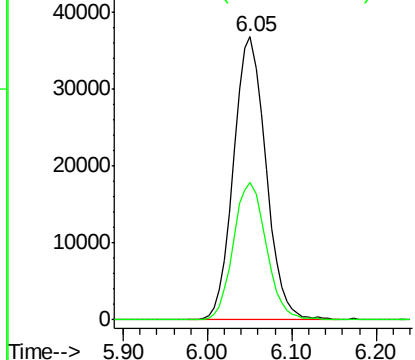


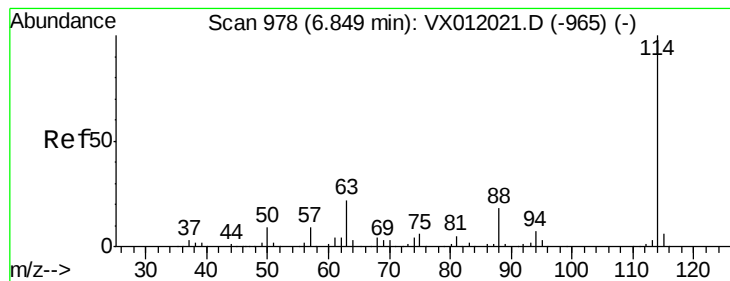
#33
1,2-Dichloroethane-d4
Concen: 49.530 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012222.D
Acq: 08 Sep 2019 14:47

Tgt Ion: 65 Resp: 95883
Ion Ratio Lower Upper
65 100
67 49.3 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012222.D

Acq: 08 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-A1-(4)

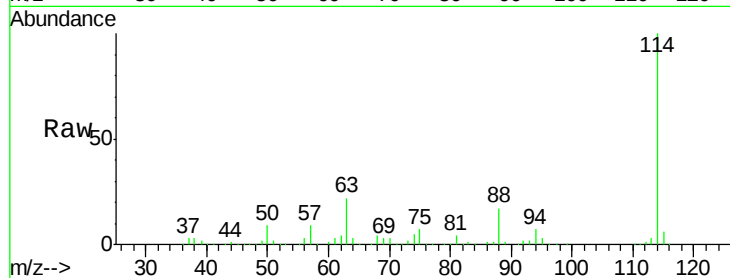
Tot Ion:114 Resp: 243704

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

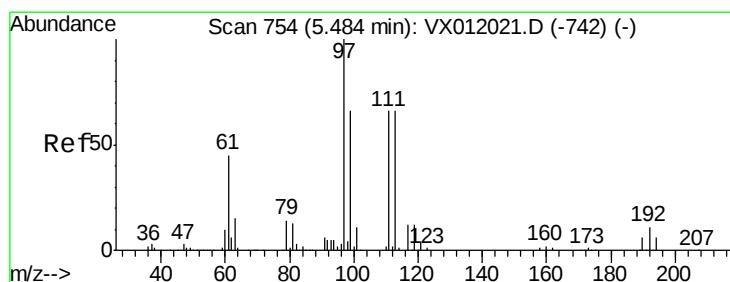
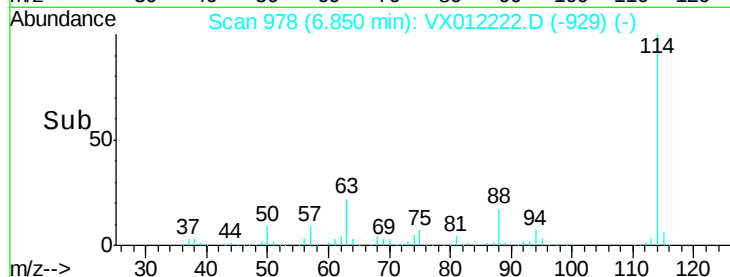
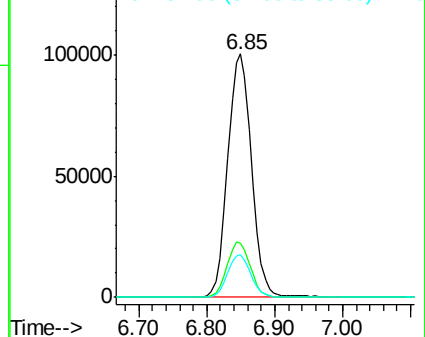
88 17.3 0.0 29.6



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: 47.861 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012222.D

Acq: 08 Sep 2019 14:47

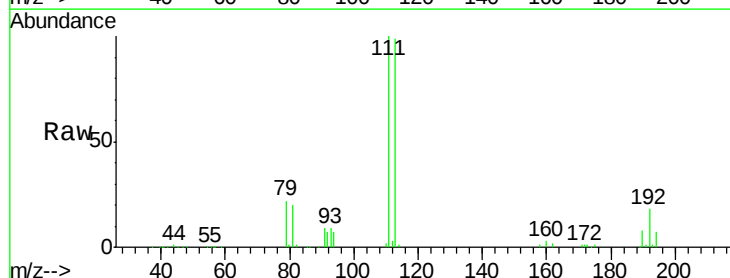
Tgt Ion:113 Resp: 71730

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

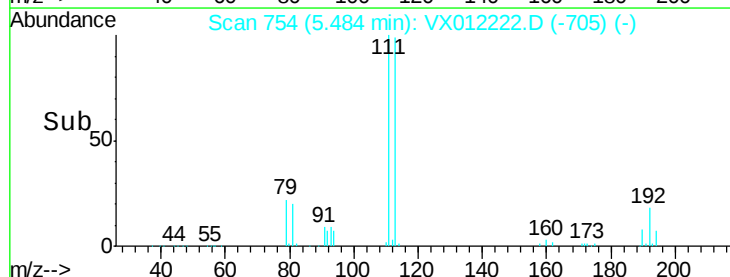
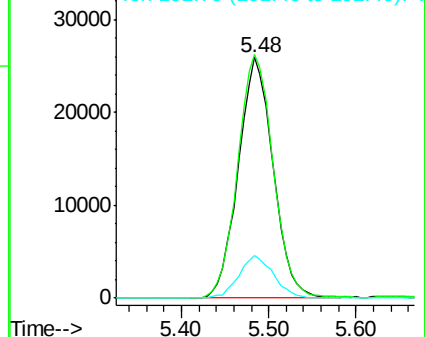
192 17.6 22.5 33.7#

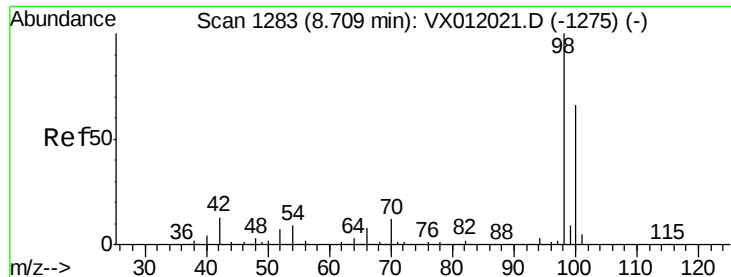


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.905 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012222.D

Acq: 08 Sep 2019 14:47

Instrument :

MSVOA_X

ClientSampleId :

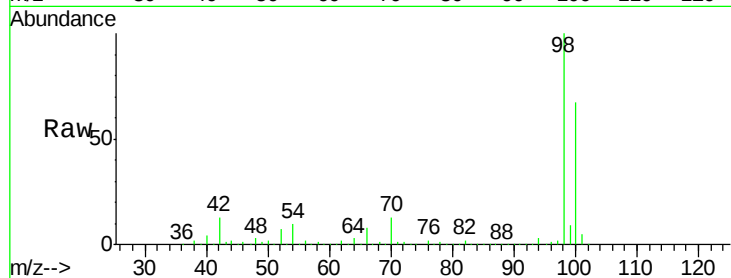
PAR-11-A1-(4)

Tot Ion: 98 Resp: 290958

Ion Ratio Lower Upper

98 100

100 66.3 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

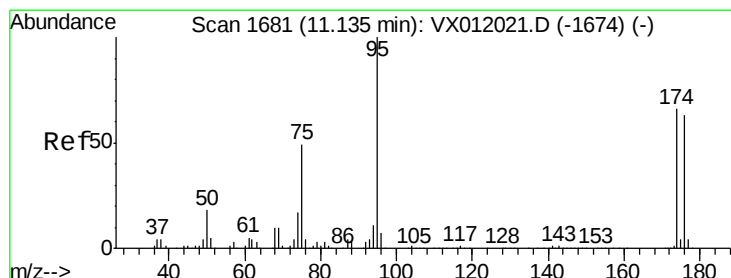
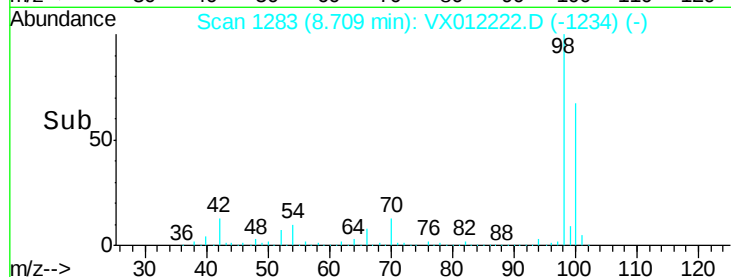
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.161 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012222.D

Acq: 08 Sep 2019 14:47

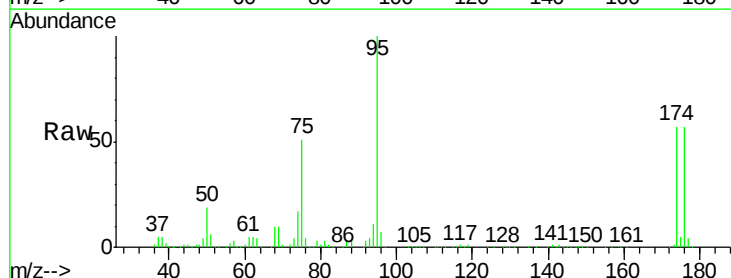
Tgt Ion: 95 Resp: 118063

Ion Ratio Lower Upper

95 100

174 64.5 0.0 205.4

176 62.3 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

11.13

120000

100000

80000

60000

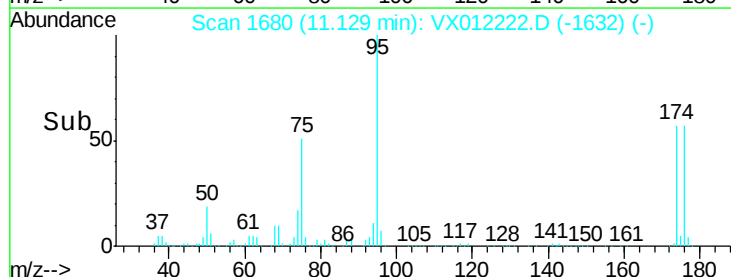
40000

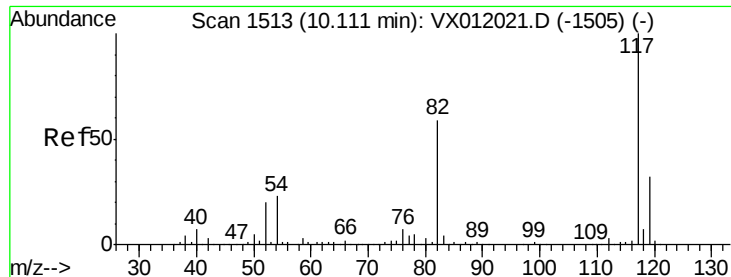
20000

0

Time-->

11.10 11.20

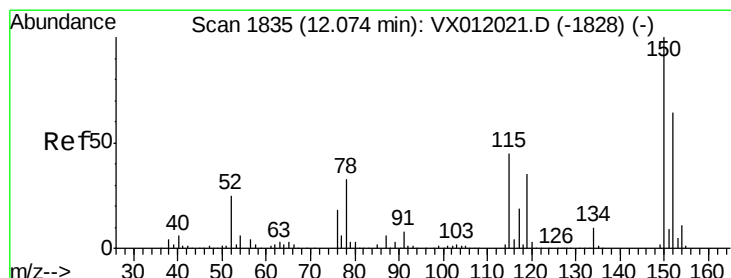
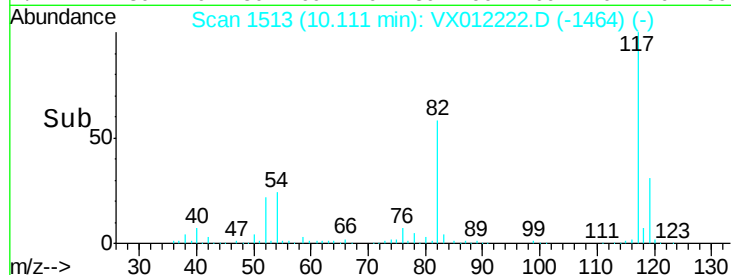
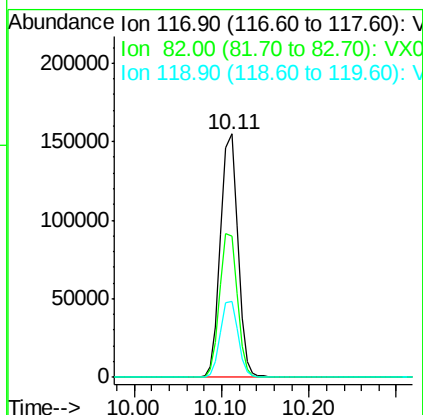
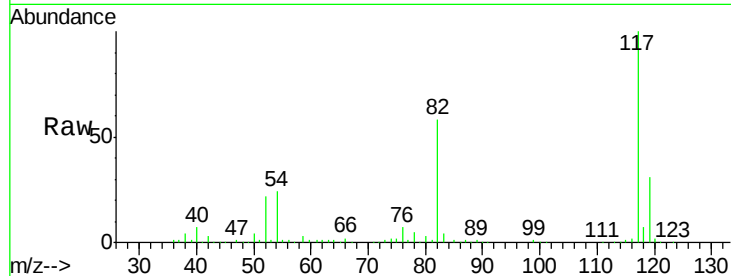




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012222.D
Acq: 08 Sep 2019 14:47

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A1-(4)

Tot Ion:117 Resp: 213260
Ion Ratio Lower Upper
117 100
82 58.2 39.4 59.0
119 31.3 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: VX012222.D
Acq: 08 Sep 2019 14:47

Tgt Ion:152 Resp: 96484
Ion Ratio Lower Upper
152 100
115 65.6 36.4 109.3
150 157.3 0.0 341.2

