

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012225.D
 Acq On : 08 Sep 2019 16:12
 Operator : SY/SP
 Sample : K4622-09
 Misc : 6.26g/5.0mL/MSVOA X/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-A4-(4)

Quant Time: Sep 09 02:30:54 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

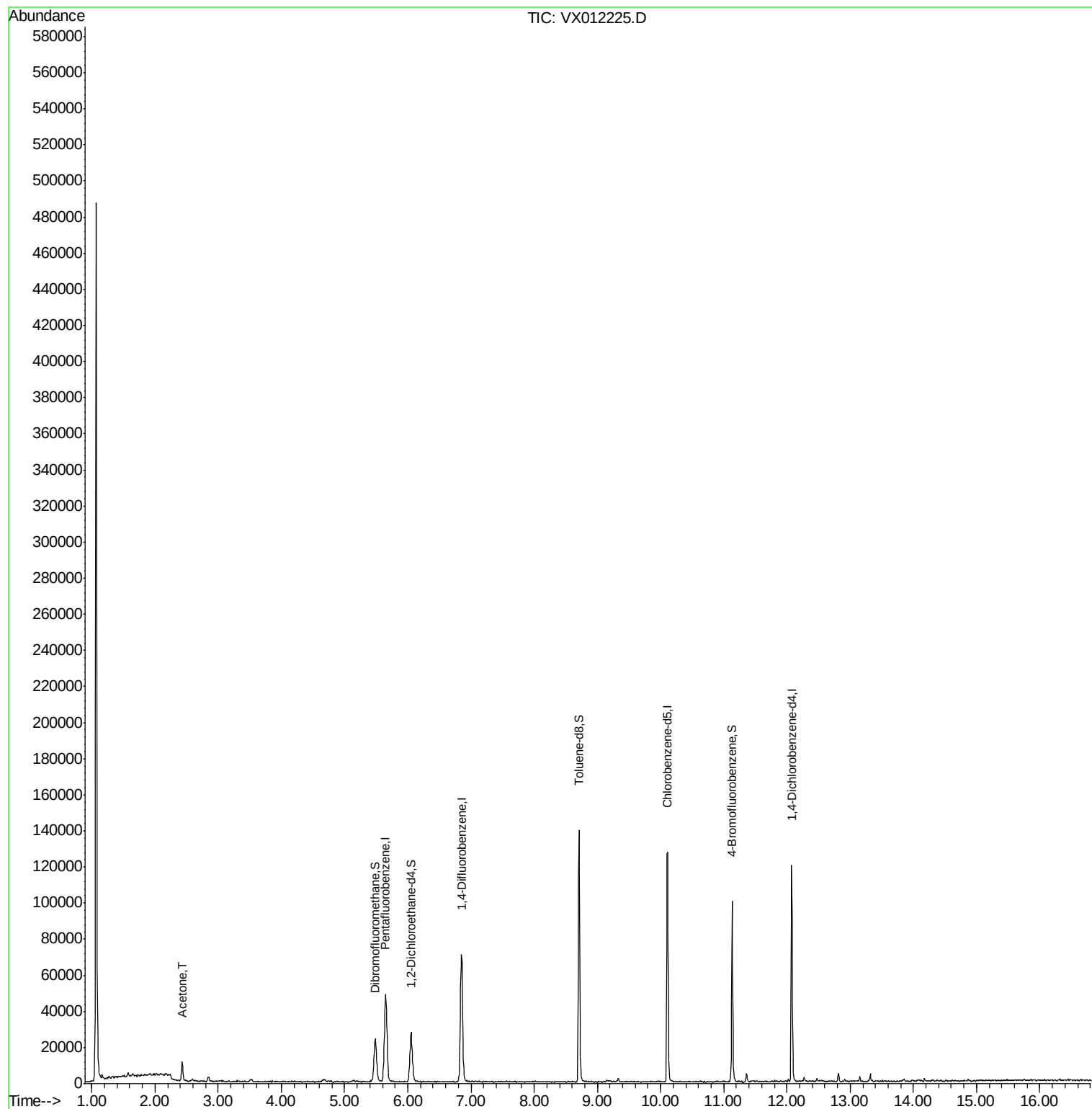
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	40783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	66849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	56372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	21943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	27188	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	5.48	113	19679	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	78476	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.14	95	28329	40.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.76%	
Target Compounds						
16) Acetone	2.43	43	11305	84.050	ug/l	Qvalue 99

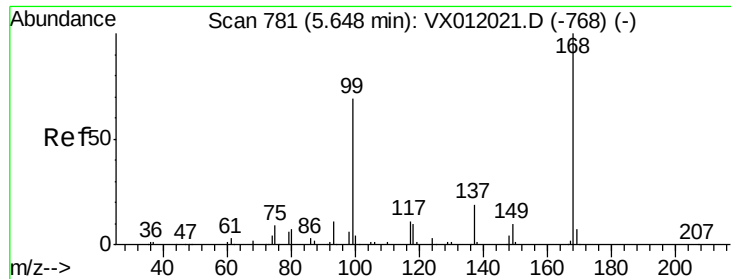
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012225.D

Acq: 08 Sep 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

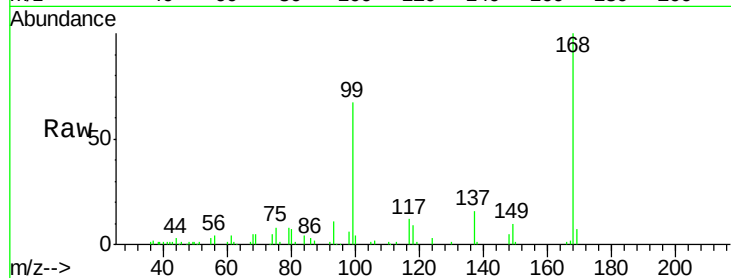
PAR-11-A4-(4)

Tot Ion:168 Resp: 40783

Ion Ratio Lower Upper

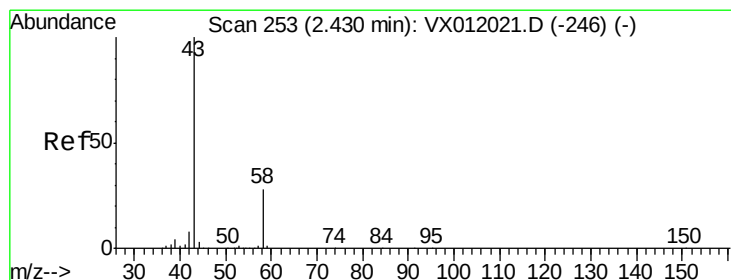
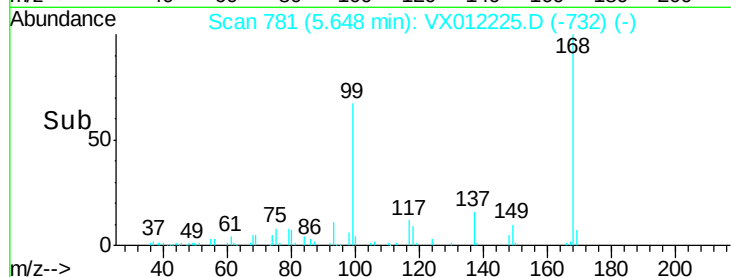
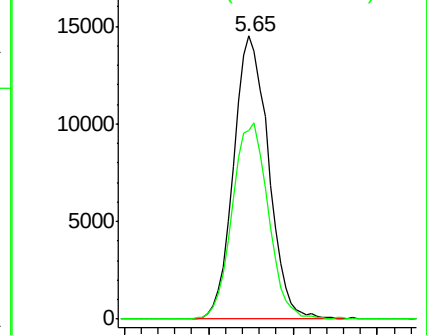
168 100

99 66.8 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: 84.050 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012225.D

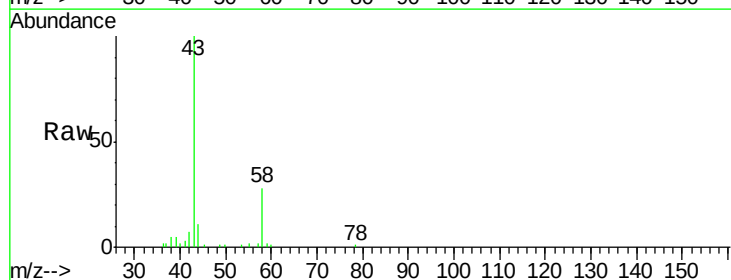
Acq: 08 Sep 2019 16:12

Tgt Ion: 43 Resp: 11305

Ion Ratio Lower Upper

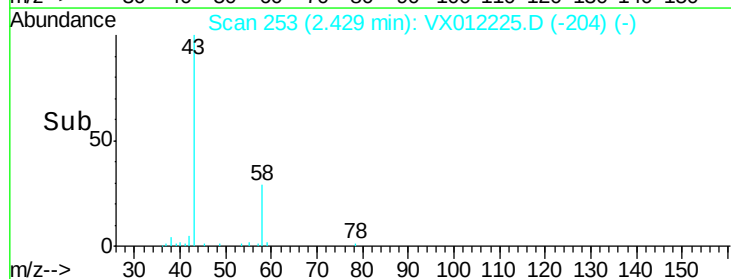
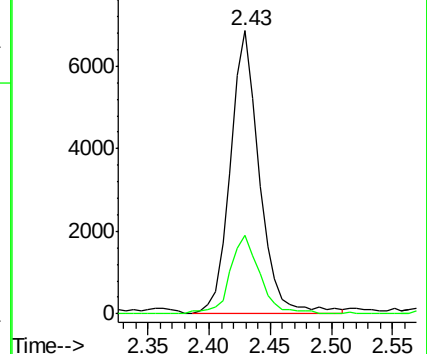
43 100

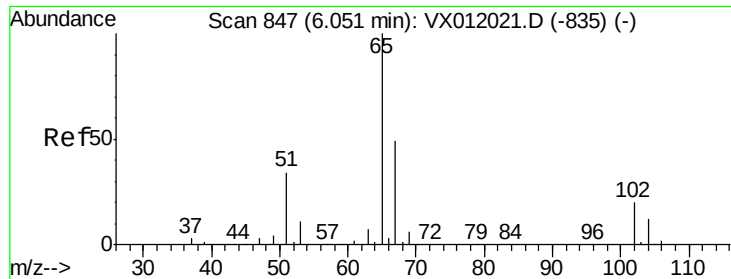
58 27.9 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

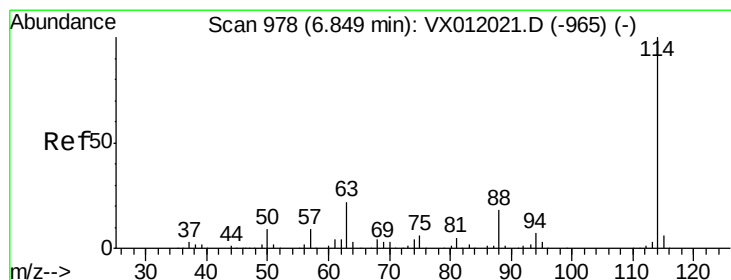
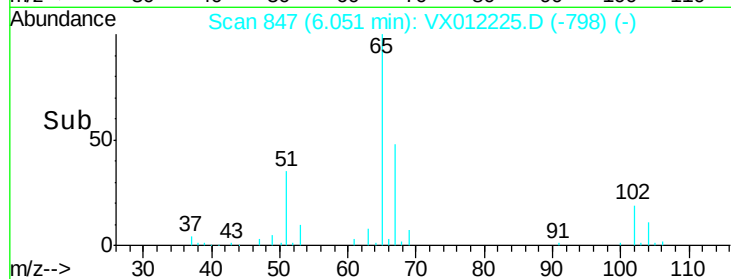
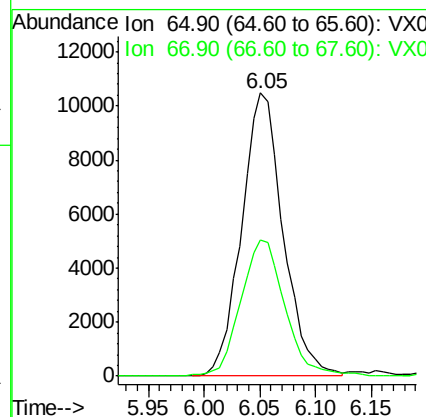
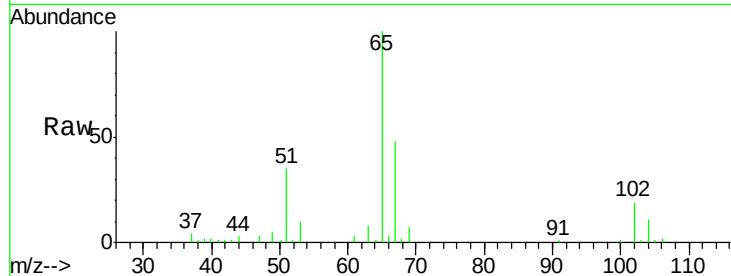




#33
 1,2-Dichloroethane-d4
 Concen: 48.315 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012225.D
 Acq: 08 Sep 2019 16:12

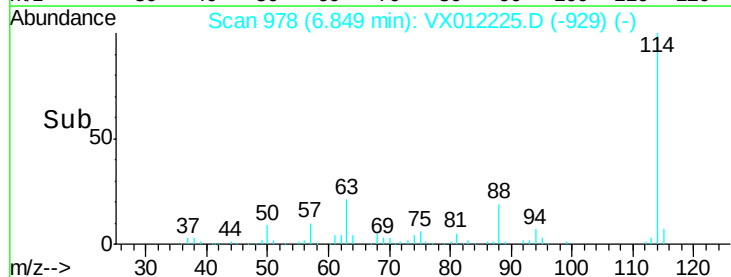
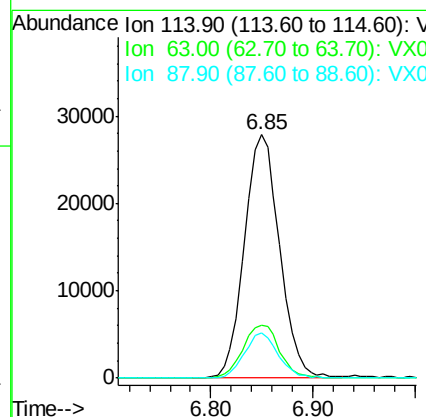
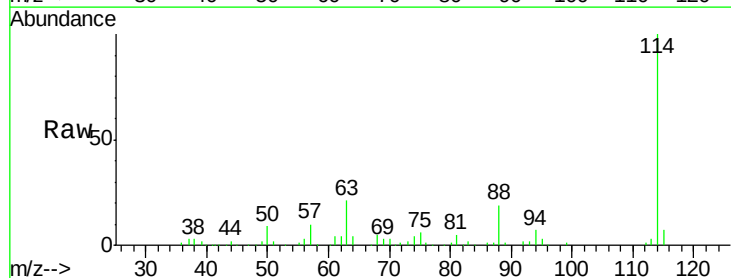
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-A4-(4)

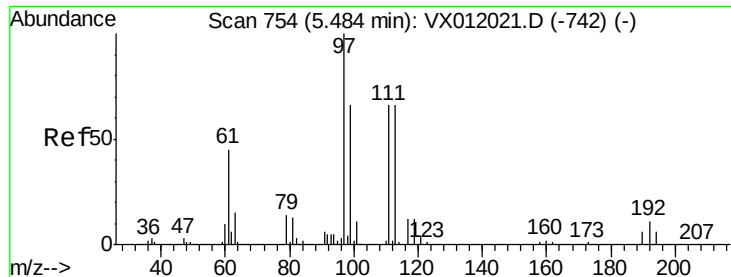
Tot Ion: 65 Resp: 27188
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012225.D
 Acq: 08 Sep 2019 16:12

Tgt Ion: 114 Resp: 66849
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 37.4
 88 18.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.869 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012225.D

Acq: 08 Sep 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-A4-(4)

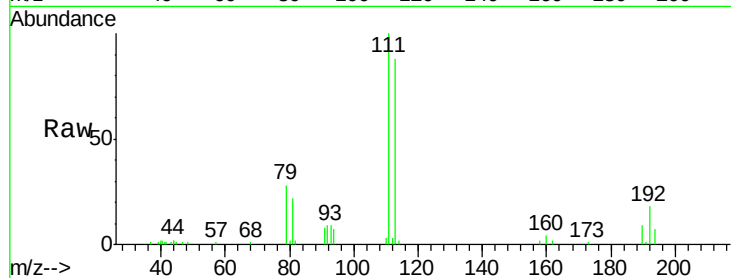
Tot Ion:113 Resp: 19679

Ion Ratio Lower Upper

113 100

111 104.3 81.7 122.5

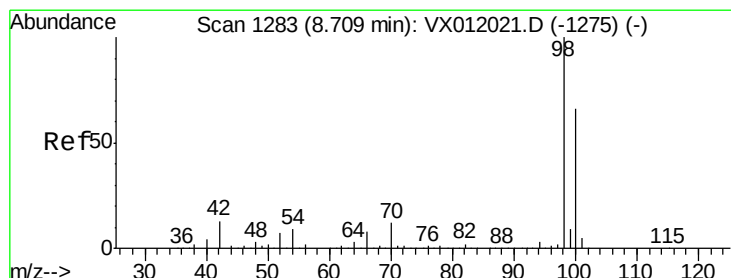
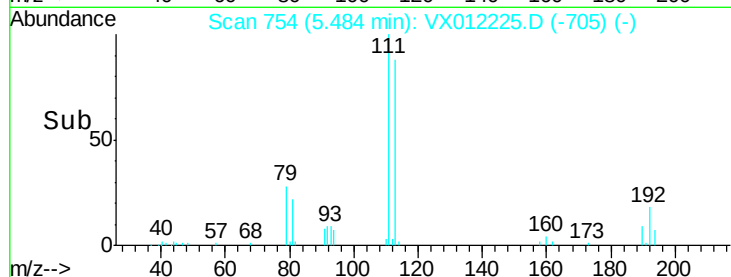
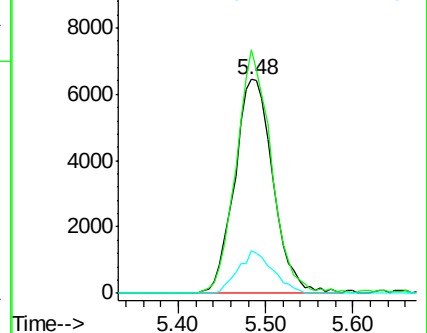
192 17.8 22.5 33.7#



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: 52.021 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012225.D

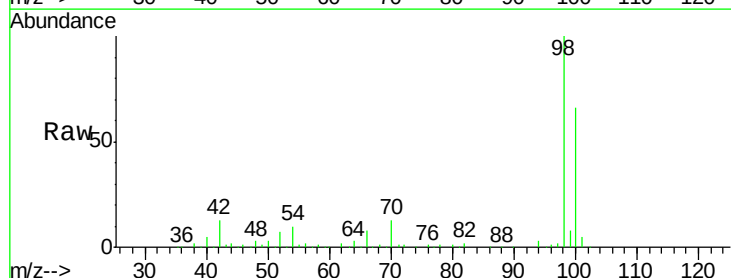
Acq: 08 Sep 2019 16:12

Tgt Ion: 98 Resp: 78476

Ion Ratio Lower Upper

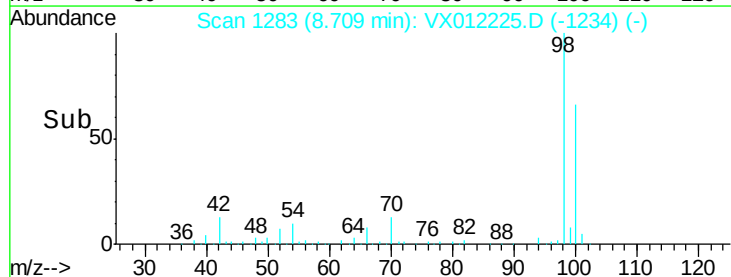
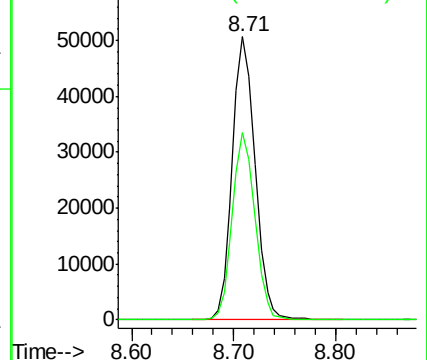
98 100

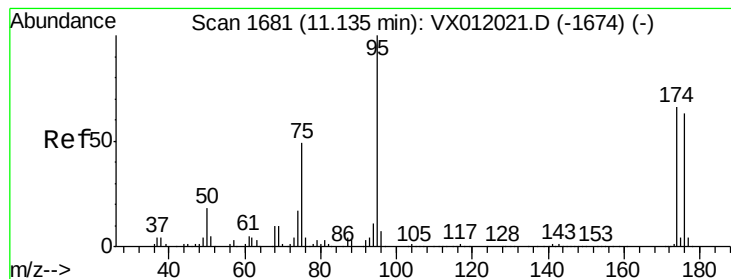
100 65.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 40.380 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012225.D

Acq: 08 Sep 2019 16:12

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-A4-(4)

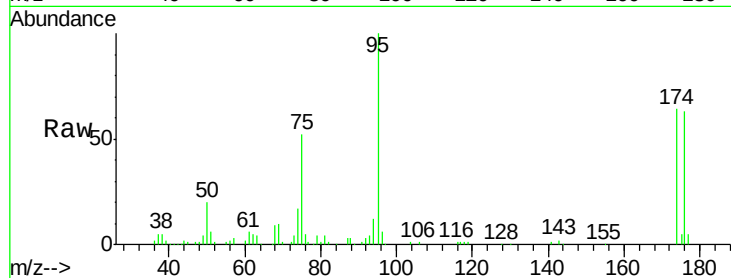
Tot Ion: 95 Resp: 28329

Ion Ratio Lower Upper

95 100

174 66.7 0.0 205.4

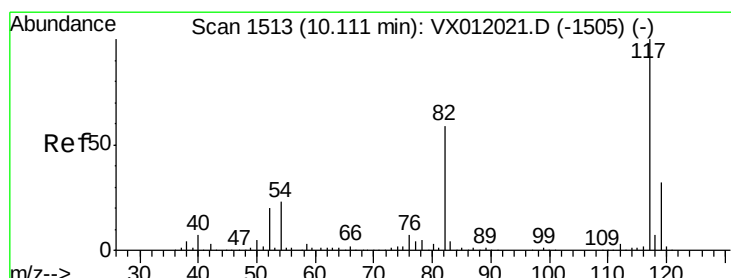
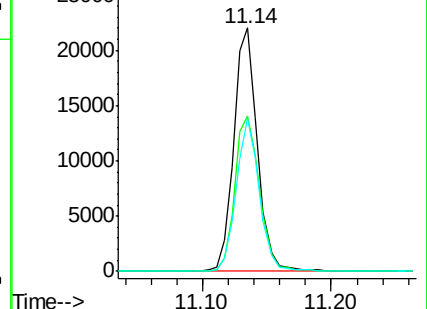
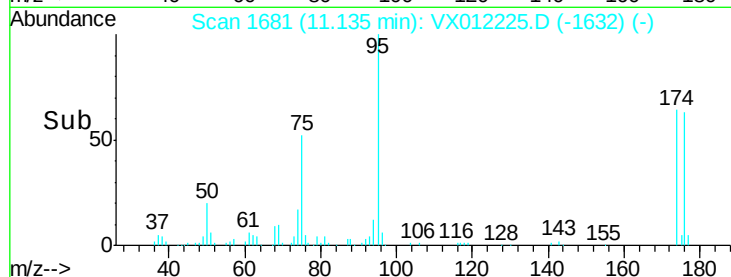
176 61.1 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012225.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012225.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012225.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012225.D

Acq: 08 Sep 2019 16:12

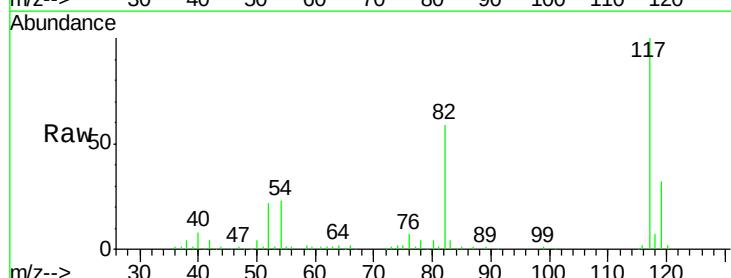
Tgt Ion: 117 Resp: 56372

Ion Ratio Lower Upper

117 100

82 59.0 39.4 59.0

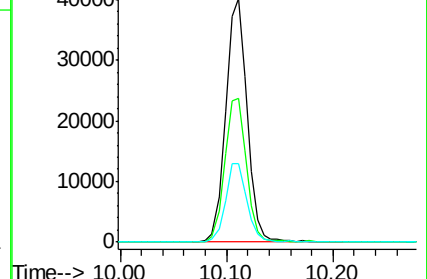
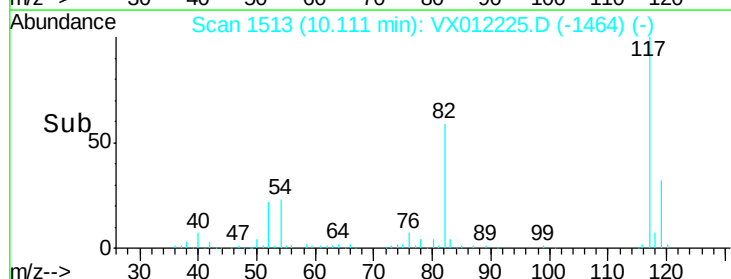
119 32.0 26.1 39.1

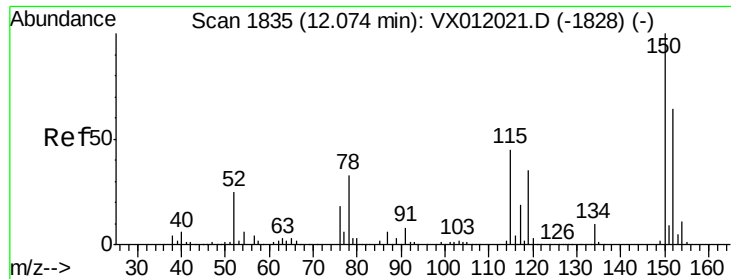


Abundance Ion 116.90 (116.60 to 117.60): VX012225.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012225.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012225.D (-1464) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012225.D
 Acq: 08 Sep 2019 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-A4-(4)

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.9	36.4	109.3
150	159.3	0.0	341.2

