

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012181.D
 Acq On : 07 Sep 2019 17:31
 Operator : SY/SP
 Sample : K4602-10
 Misc : 5.94g/5.0mL/MSVOA X/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-C4-(0)

Quant Time: Sep 08 08:22:54 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

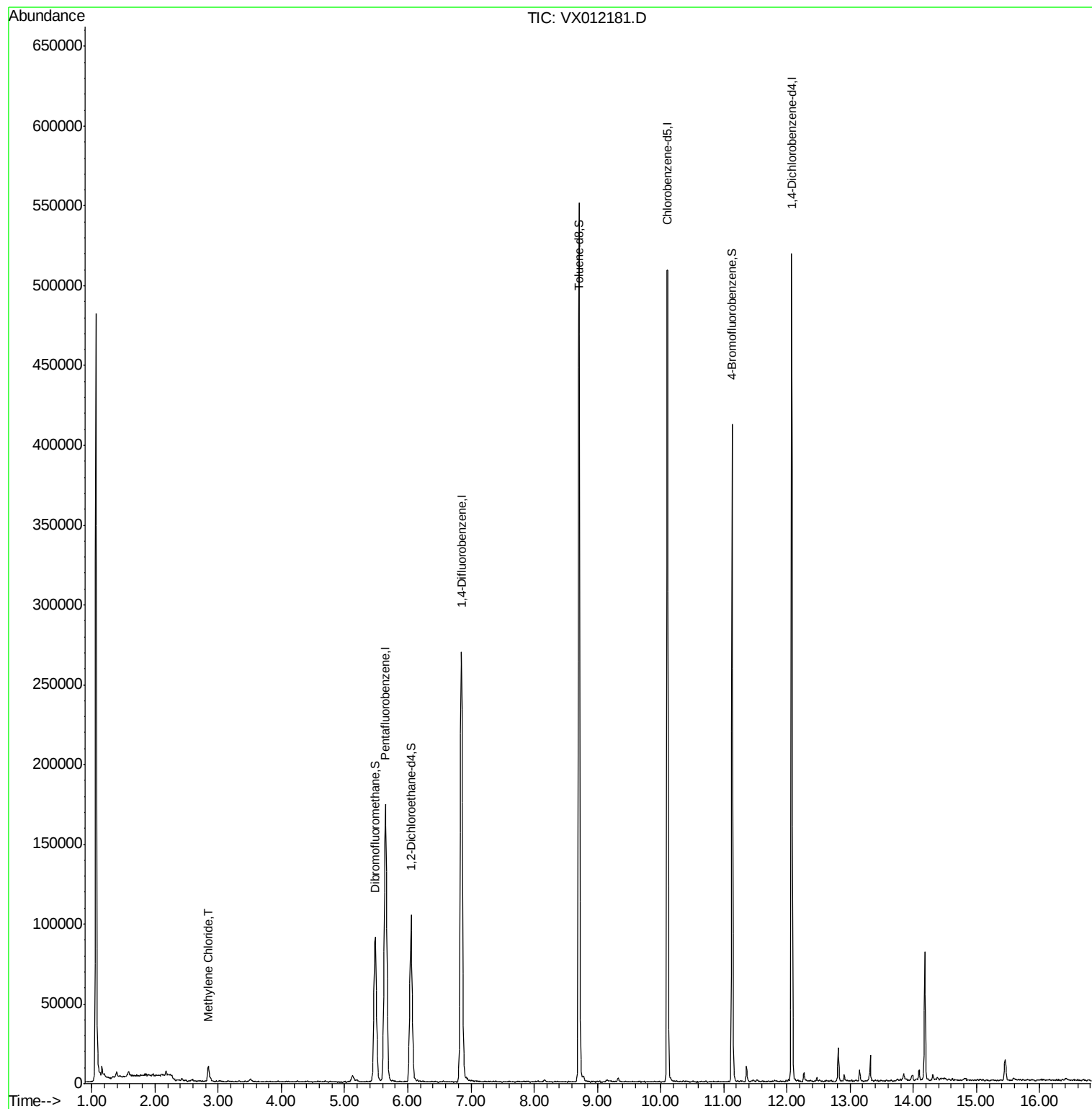
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103544	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	5.48	113	77551	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	304613	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.14	95	120513	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
20) Methylene Chloride	2.84	84	3960	2.037	ug/l #	Qvalue 83

(#) = 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

Lab File: VX012181.D

Acq: 07 Sep 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

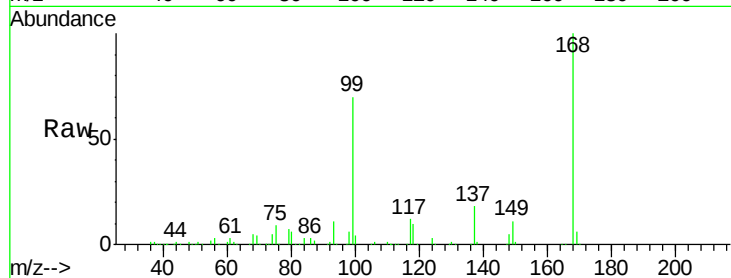
PAR-C4-(0)

Tot Ion:168 Resp: 146798

Ion Ratio Lower Upper

168 100

99 70.3 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

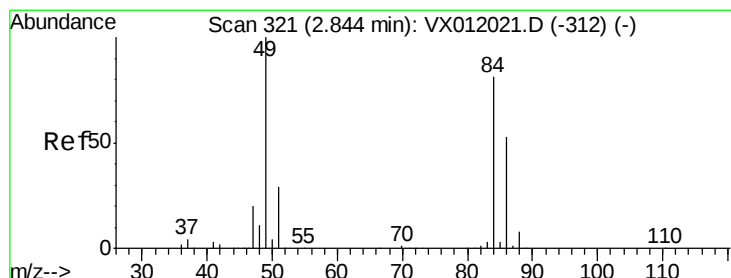
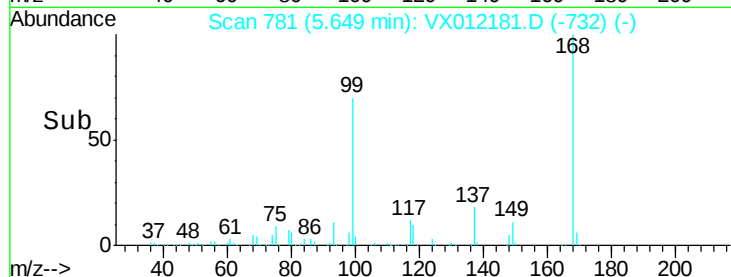
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.037 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012181.D

Acq: 07 Sep 2019 17:31

Tgt Ion: 84 Resp: 3960

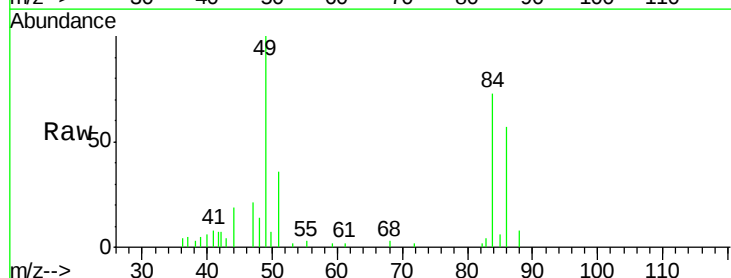
Ion Ratio Lower Upper

84 100

49 136.5 95.8 143.8

51 49.3 28.6 43.0#

86 77.7 50.9 76.3#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

4000

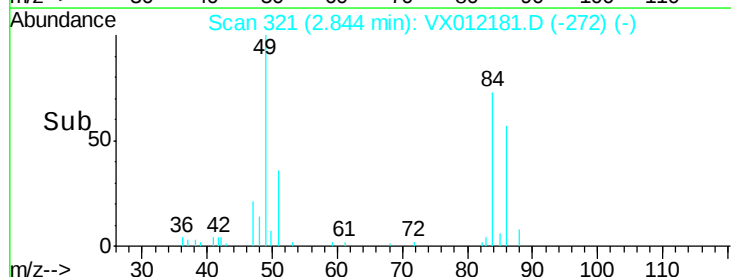
3000

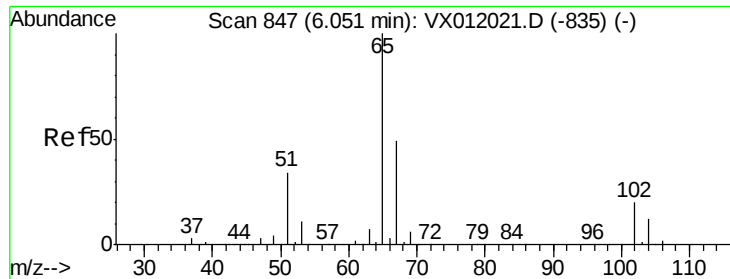
2000

1000

0

Time--> 2.75 2.80 2.85 2.90 2.95

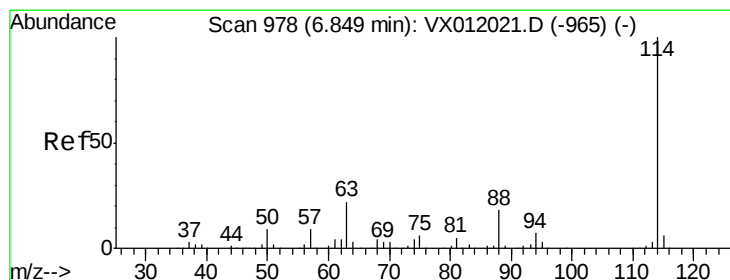
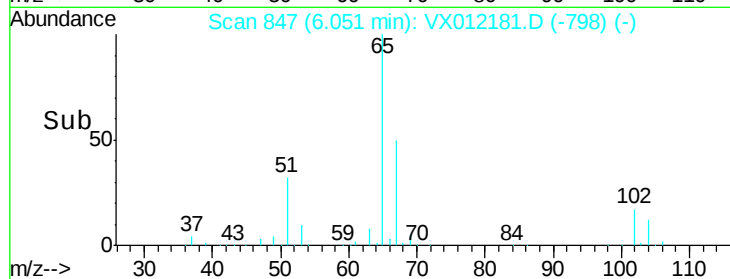
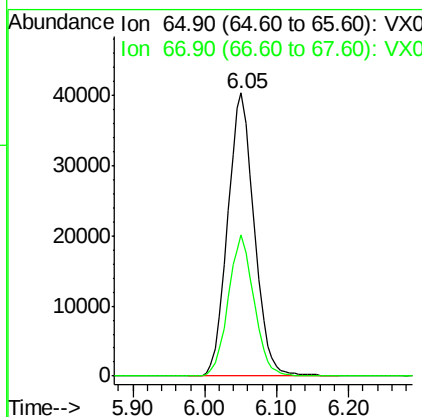
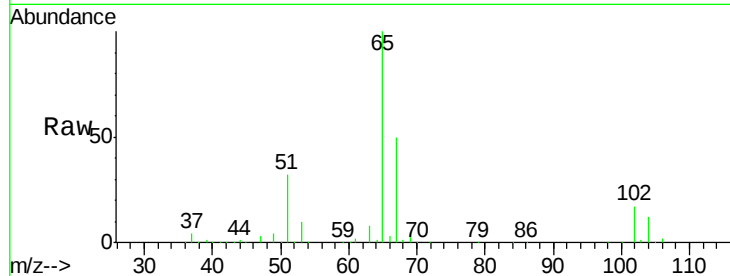




#33
 1,2-Dichloroethane-d4
 Concen: 51.120 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012181.D
 Acq: 07 Sep 2019 17:31

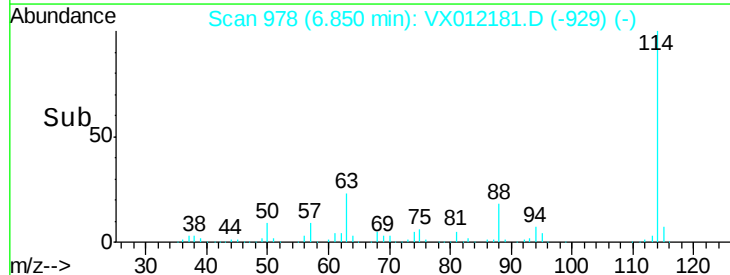
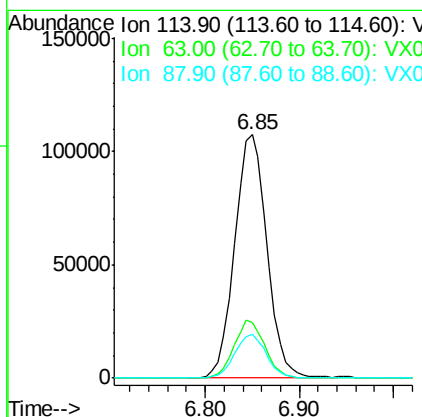
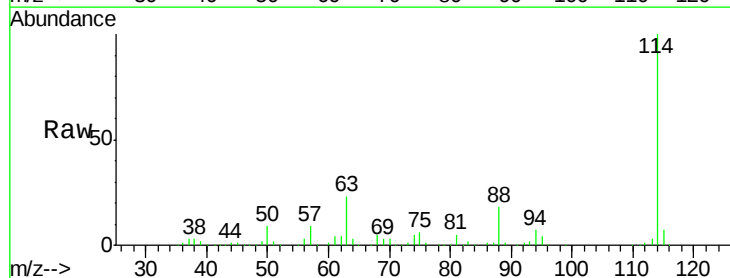
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-C4-(0)

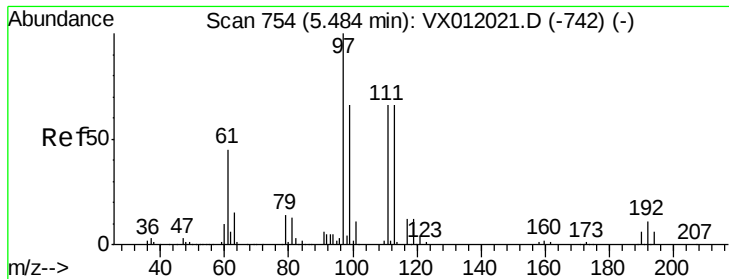
Tot Ion: 65 Resp: 103544
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012181.D
 Acq: 07 Sep 2019 17:31

Tgt Ion: 114 Resp: 257095
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 37.4
 88 17.9 0.0 29.6

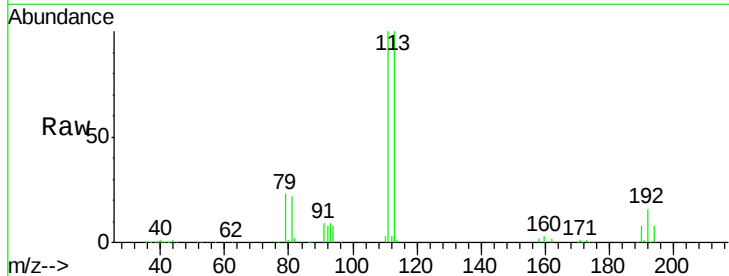




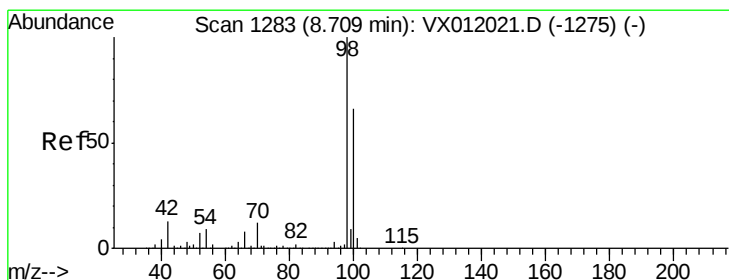
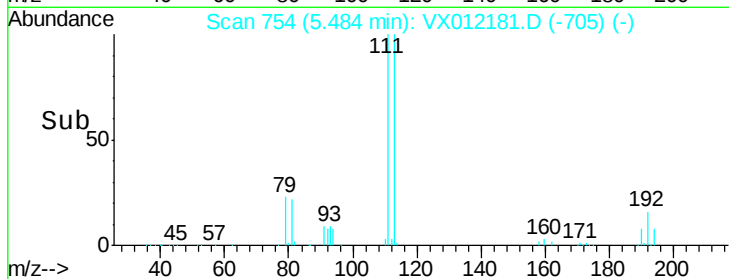
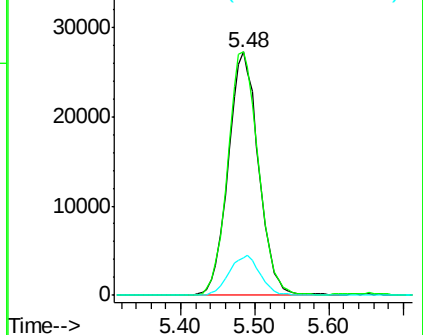
#35
 Dibromofluoromethane
 Concen: 49.050 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012181.D
 Acq: 07 Sep 2019 17:31

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-C4-(0)

Tot Ion:113 Resp: 77551
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.7 122.5
 192 16.8 22.5 33.7#

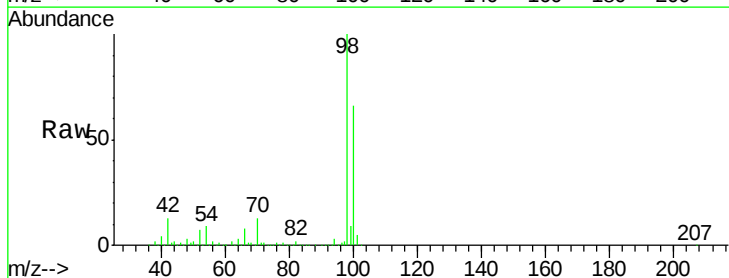


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

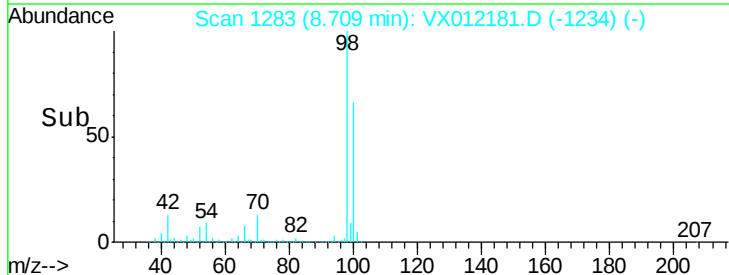
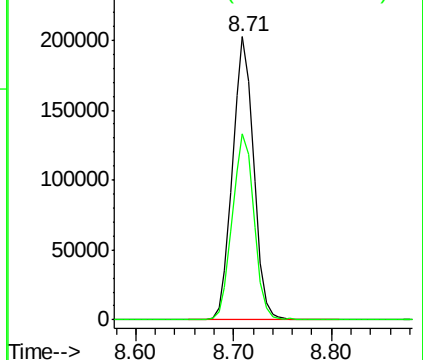


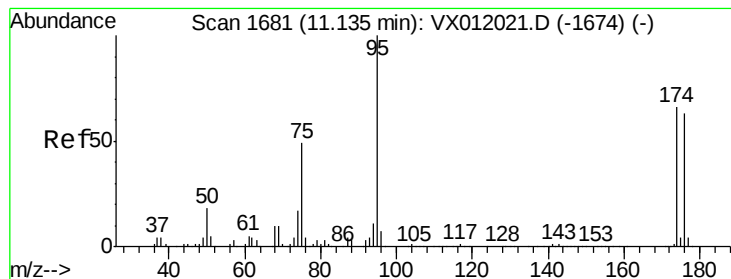
#50
 Toluene-d8
 Concen: 52.503 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012181.D
 Acq: 07 Sep 2019 17:31

Tgt Ion: 98 Resp: 304613
 Ion Ratio Lower Upper
 98 100
 100 67.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.665 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012181.D

Acq: 07 Sep 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

PAR-C4-(0)

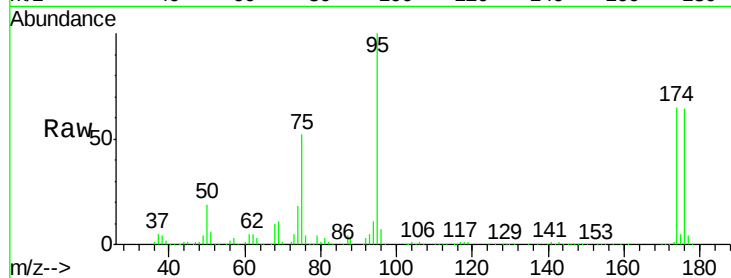
Tot Ion: 95 Resp: 120513

Ion Ratio Lower Upper

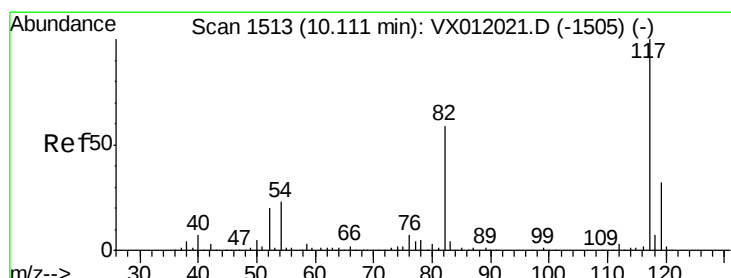
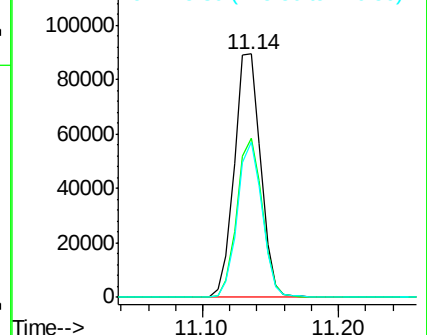
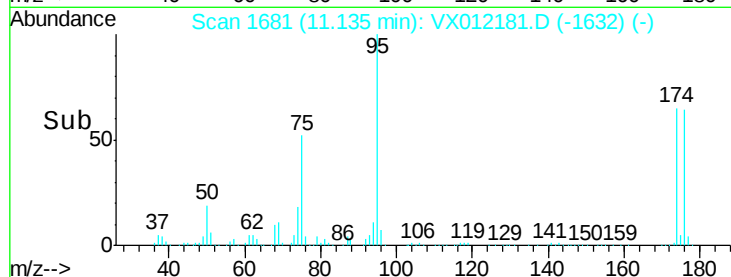
95 100

174 63.2 0.0 205.4

176 60.6 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012181.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012181.D

Acq: 07 Sep 2019 17:31

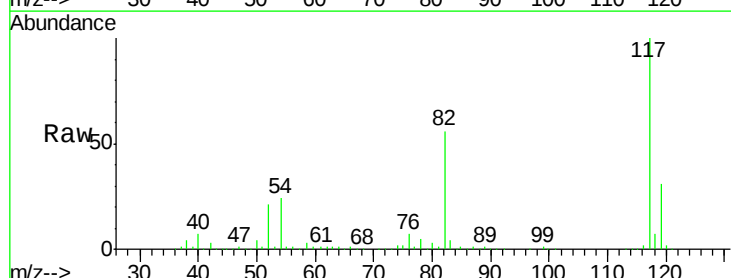
Tgt Ion: 117 Resp: 226199

Ion Ratio Lower Upper

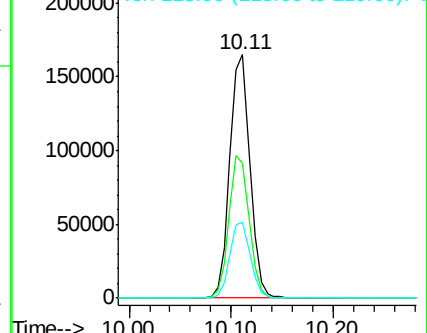
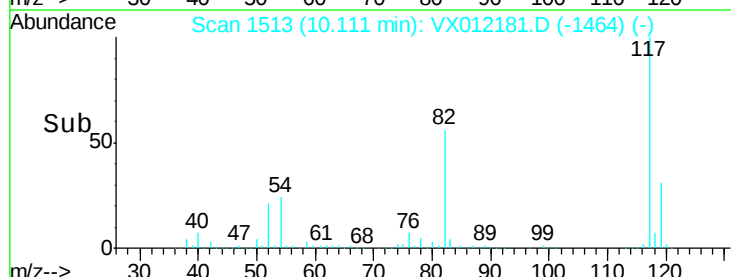
117 100

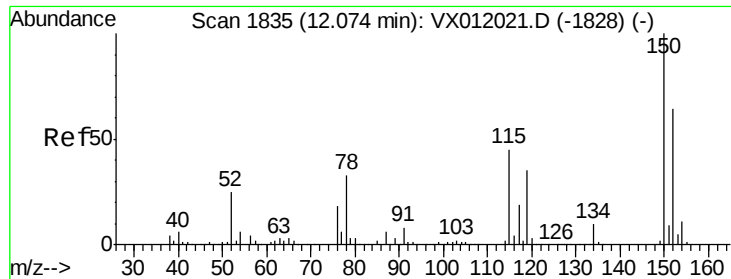
82 55.6 39.4 59.0

119 31.4 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VX012181.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: VX012181.D

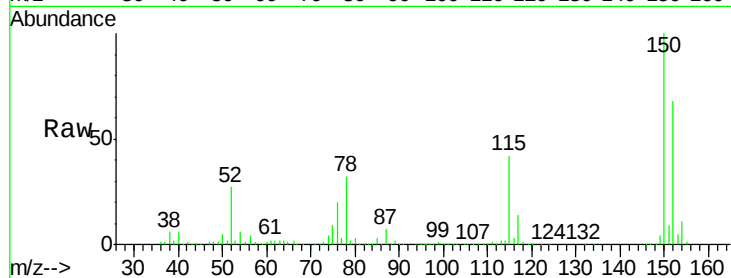
Acq: 07 Sep 2019 17:31

Instrument :

MSVOA_X

ClientSampleId :

PAR-C4-(0)



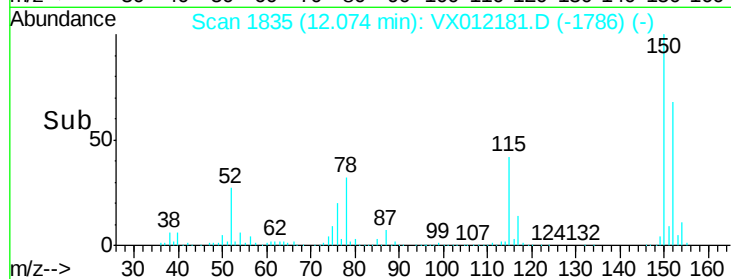
Tot Ion:152 Resp: 95807

Ion Ratio Lower Upper

152 100

115 66.0 36.4 109.3

150 155.9 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

