

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012187.D
 Acq On : 07 Sep 2019 20:18
 Operator : SY/SP
 Sample : K4602-16
 Misc : 3.47g/5.0mL/MSVOA X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D3-(0)

Quant Time: Sep 08 08:30:13 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

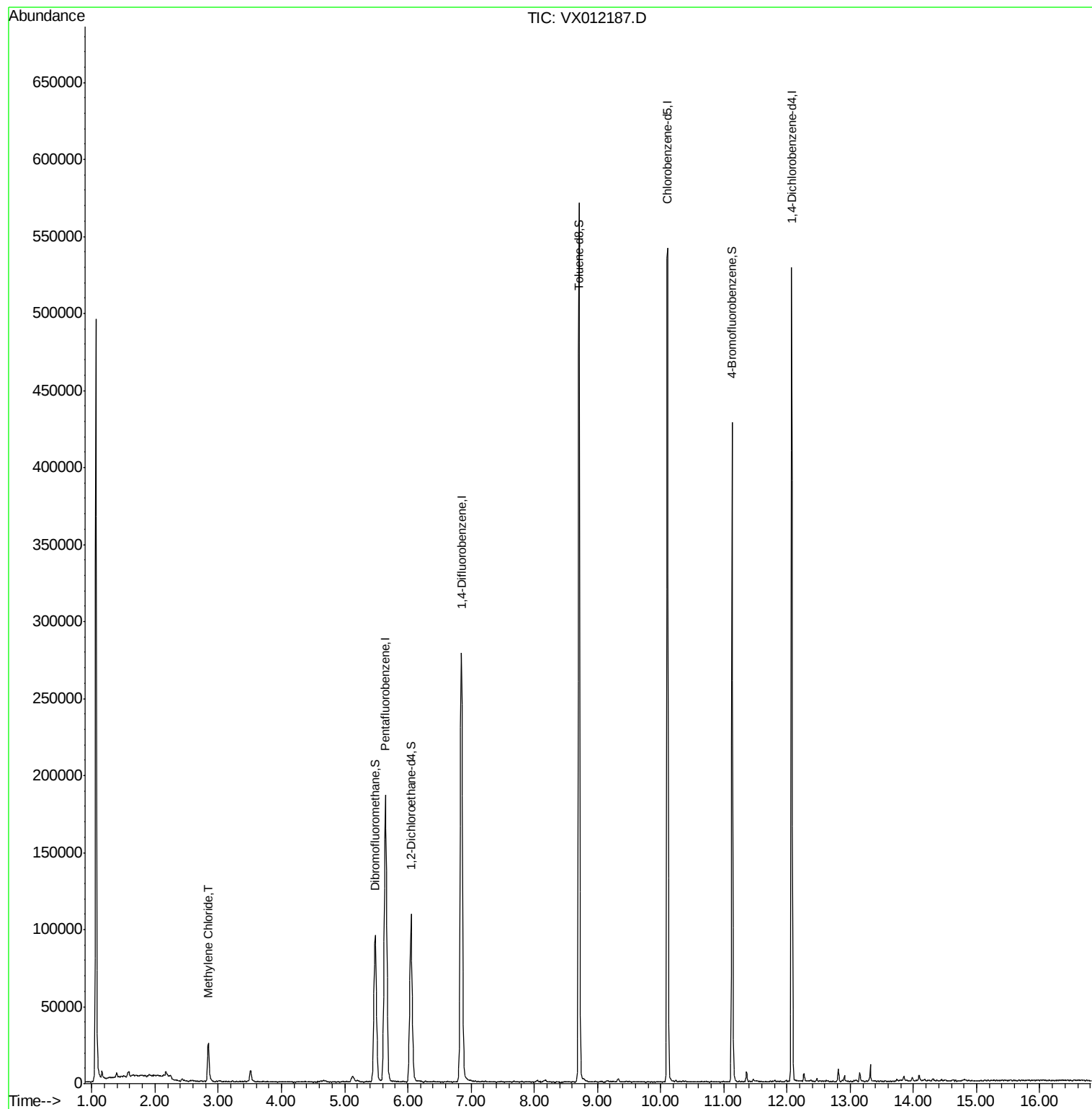
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	271348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	108021	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	5.48	113	79624	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	8.71	98	318667	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.14	95	122483	43.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.02%	
Target Compounds						
20) Methylene Chloride	2.84	84	11863	5.785	ug/l	Qvalue 92

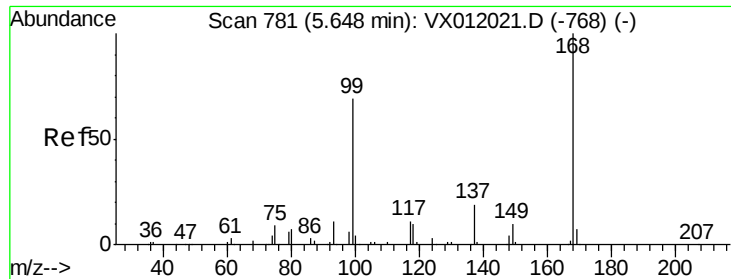
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012187.D

Acq: 07 Sep 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

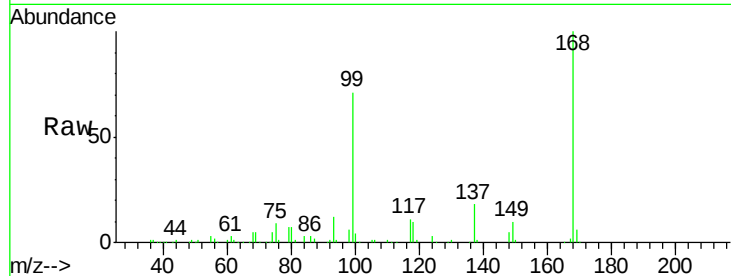
PAR-D3-(0)

Tot Ion:168 Resp: 154838

Ion Ratio Lower Upper

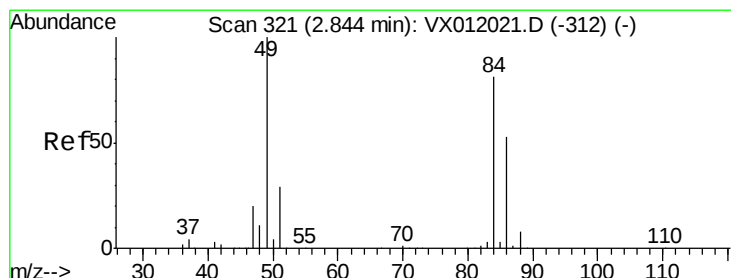
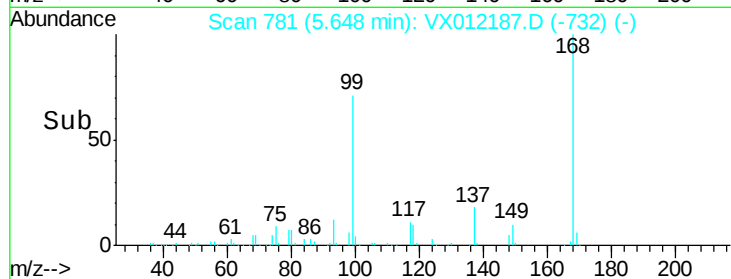
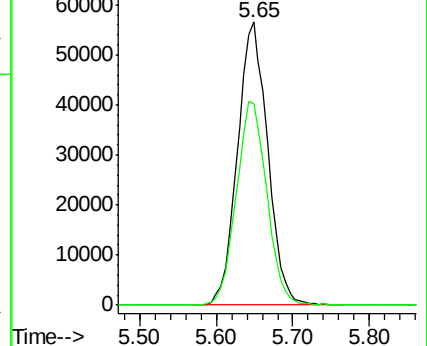
168 100

99 71.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 5.785 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012187.D

Acq: 07 Sep 2019 20:18

Tgt Ion: 84 Resp: 11863

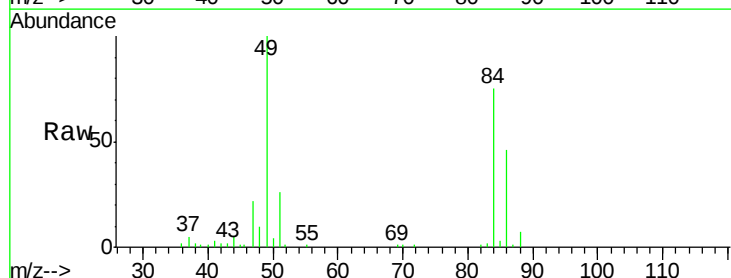
Ion Ratio Lower Upper

84 100

49 133.3 95.8 143.8

51 35.5 28.6 43.0

86 61.3 50.9 76.3

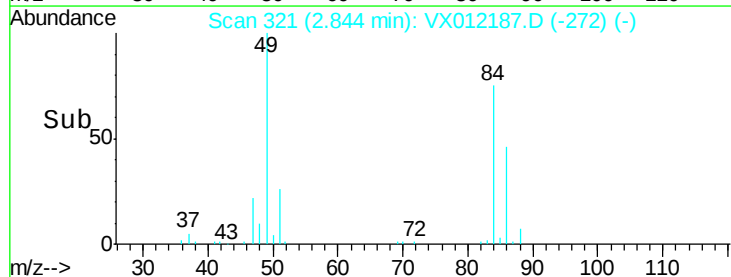
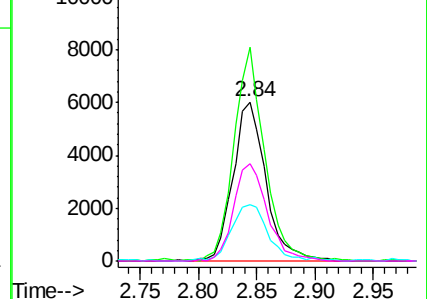


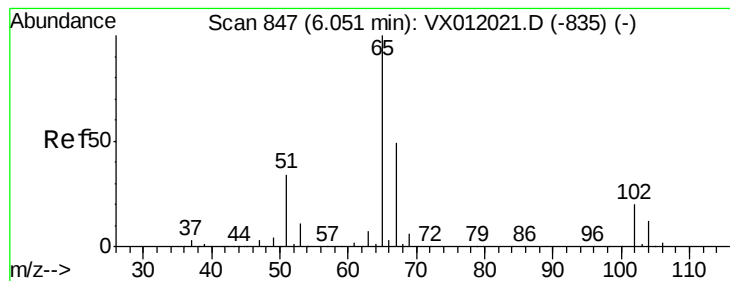
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#33

1,2-Dichloroethane-d4

Concen: 50.561 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012187.D

Acq: 07 Sep 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

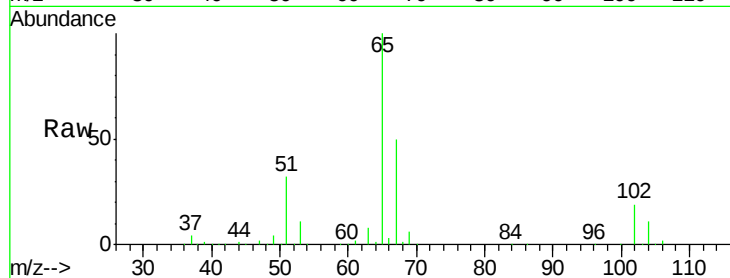
PAR-D3-(0)

Tot Ion: 65 Resp: 108021

Ion Ratio Lower Upper

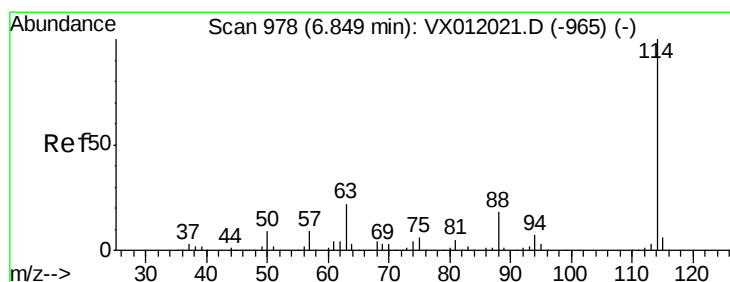
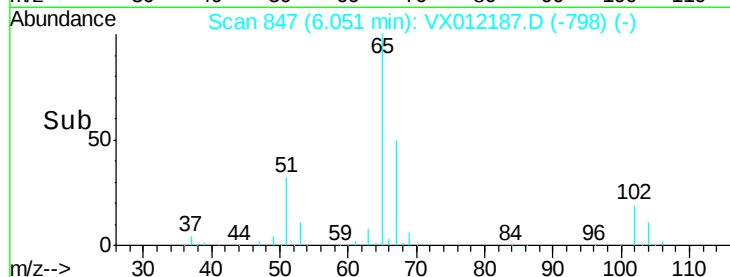
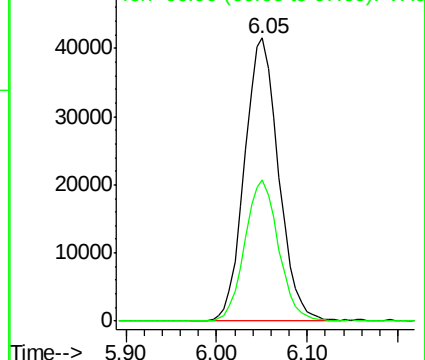
65 100

67 49.5 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: VX012187.D

Acq: 07 Sep 2019 20:18

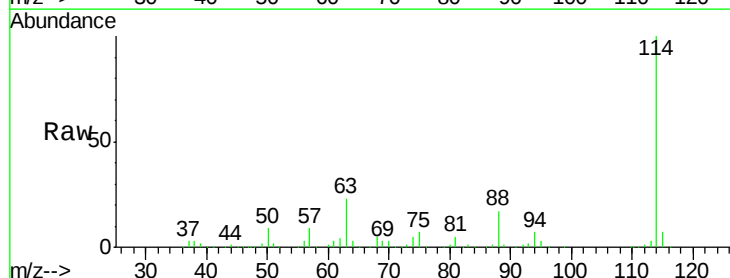
Tgt Ion: 114 Resp: 271348

Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.4

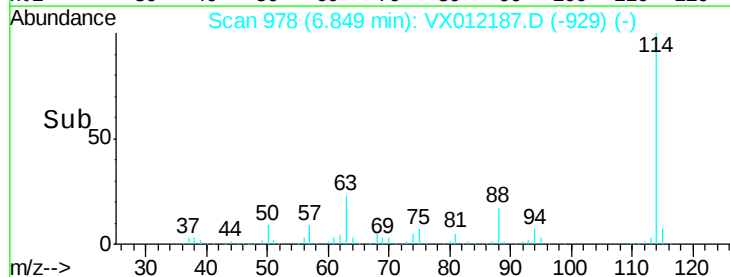
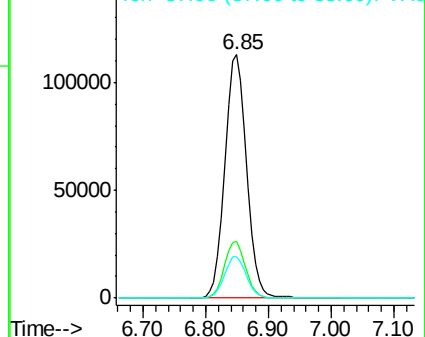
88 17.2 0.0 29.6

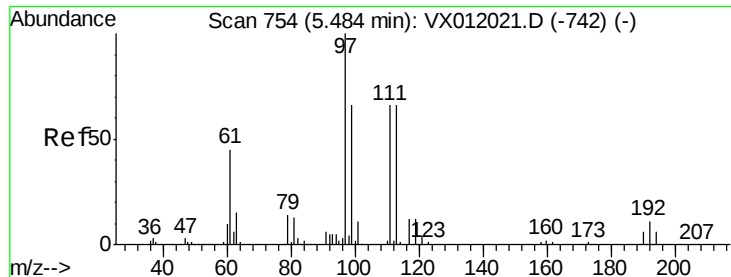


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

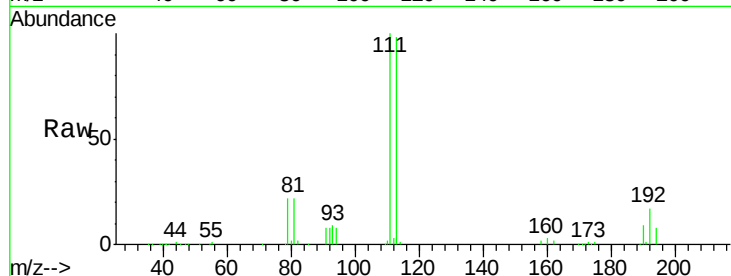




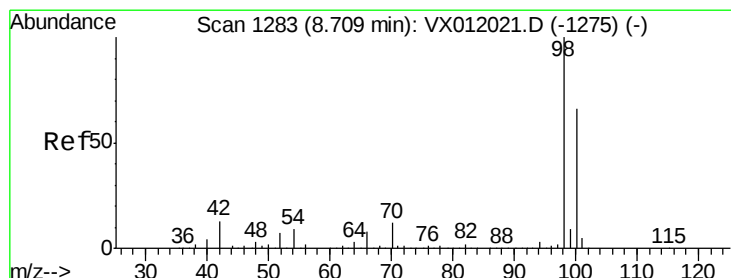
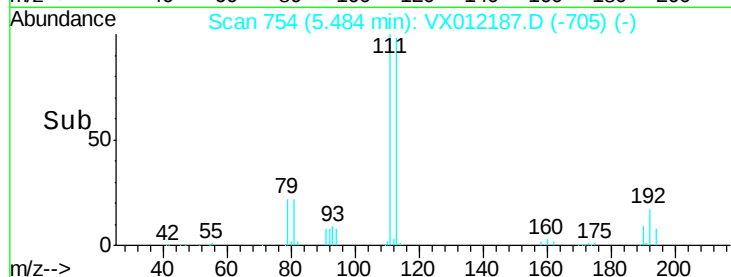
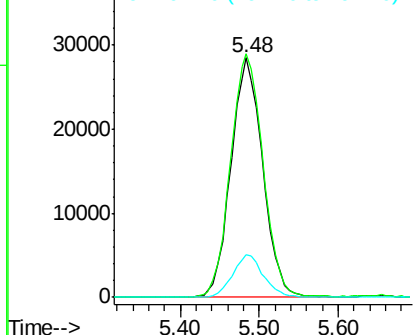
#35
 Dibromofluoromethane
 Concen: 47.716 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012187.D
 Acq: 07 Sep 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D3-(0)

Tot Ion:113 Resp: 79624
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.7 122.5
 192 17.2 22.5 33.7#

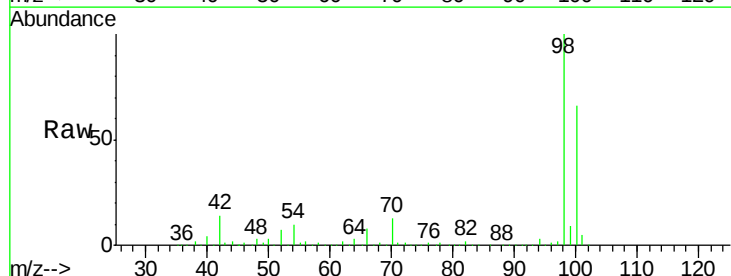


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

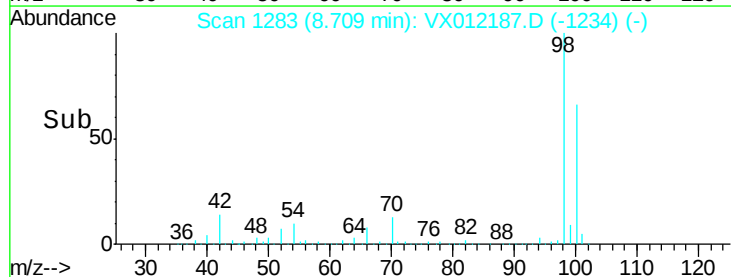
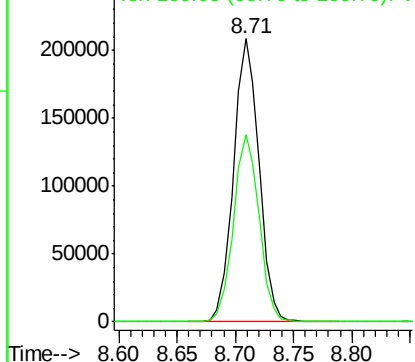


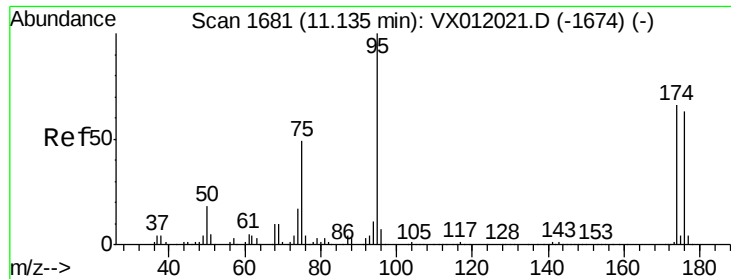
#50
 Toluene-d8
 Concen: 52.041 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012187.D
 Acq: 07 Sep 2019 20:18

Tgt Ion: 98 Resp: 318667
 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): V





#62

4-Bromofluorobenzene

Concen: 43.010 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012187.D

Acq: 07 Sep 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

PAR-D3-(0)

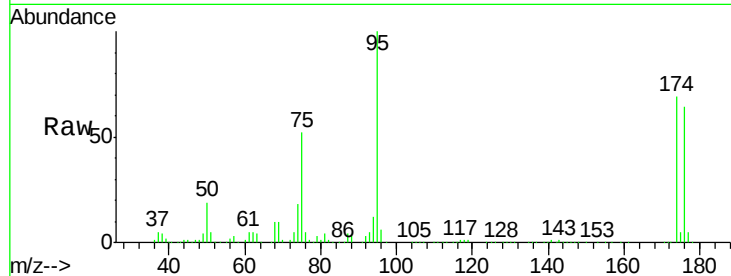
Tot Ion: 95 Resp: 122483

Ion Ratio Lower Upper

95 100

174 64.6 0.0 205.4

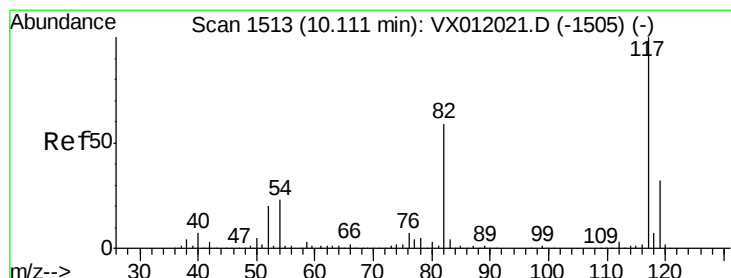
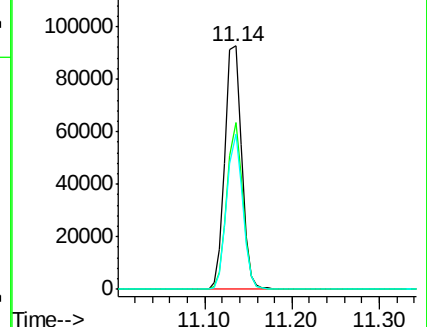
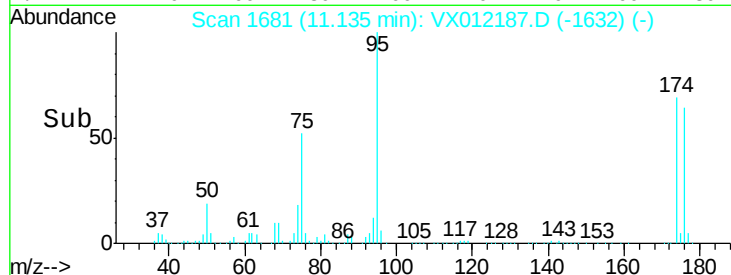
176 60.5 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012187.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012187.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012187.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012187.D

Acq: 07 Sep 2019 20:18

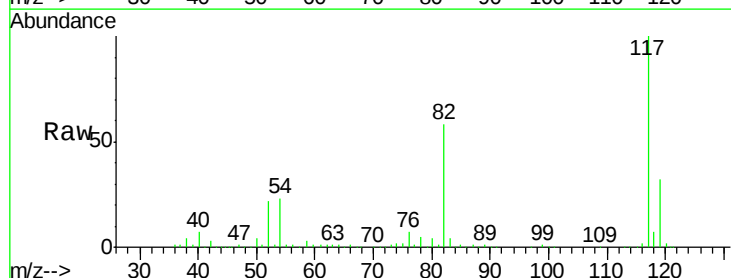
Tgt Ion: 117 Resp: 233548

Ion Ratio Lower Upper

117 100

82 58.5 39.4 59.0

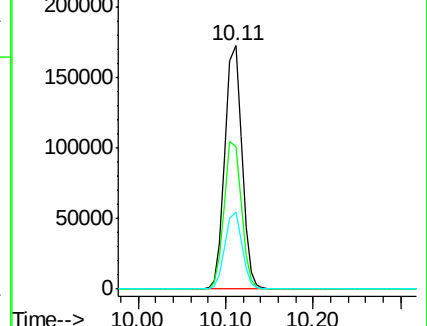
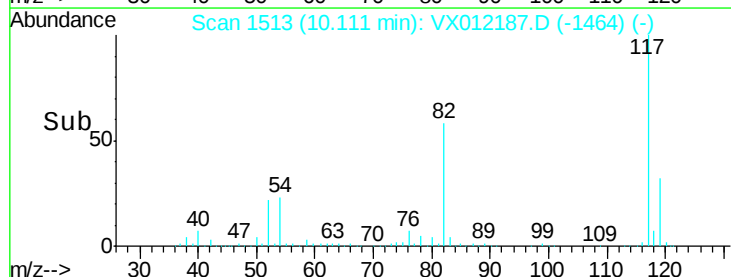
119 31.5 26.1 39.1

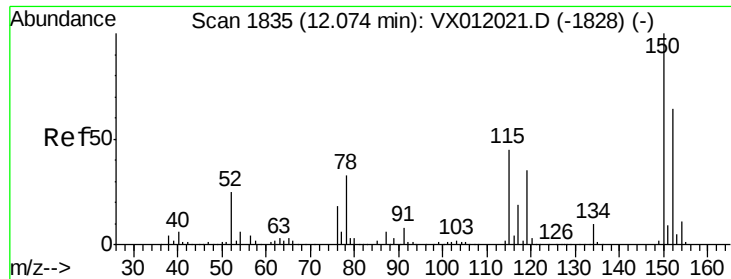


Abundance Ion 116.90 (116.60 to 117.60): VX012187.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012187.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012187.D (-1464) (-)

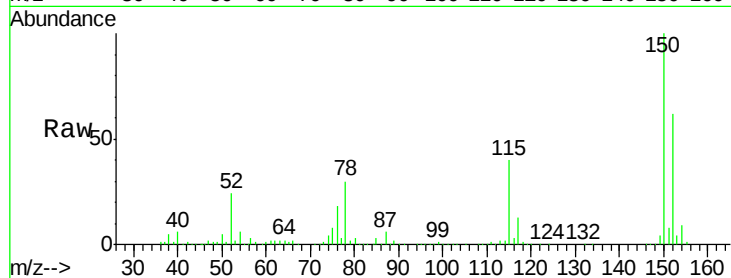




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012187.D
 Acq: 07 Sep 2019 20:18

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D3-(0)

Tot Ion:152 Resp: 96333
 Ion Ratio Lower Upper
 152 100
 115 65.7 36.4 109.3
 150 160.2 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

