

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012195.D
 Acq On : 08 Sep 2019 02:04
 Operator : SY/SP
 Sample : K4602-18
 Misc : 5.79g/5.0mL/MSVOA X/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D1-(3.11)

Quant Time: Sep 08 08:32:32 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

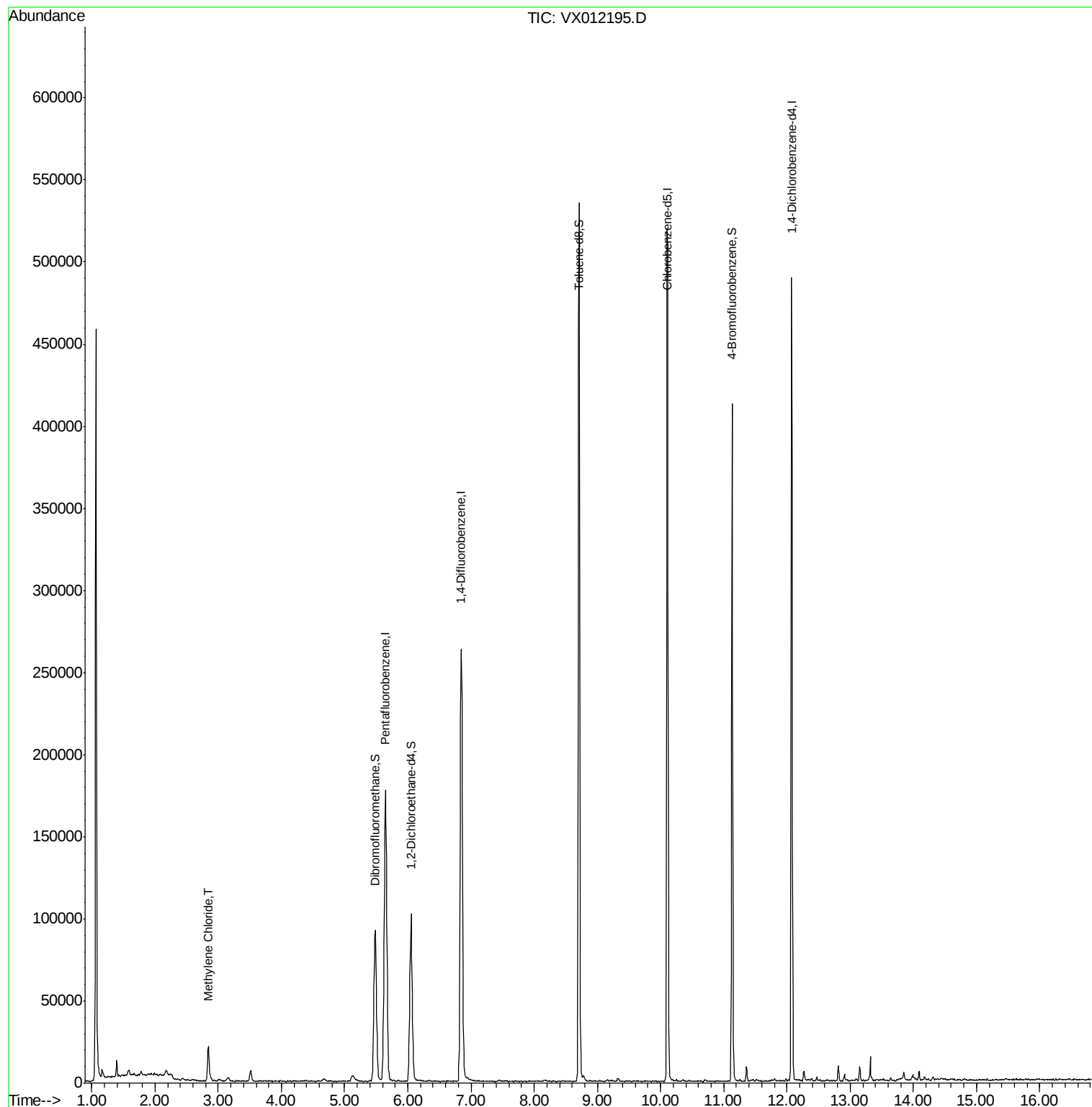
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	150188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	102283	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
35) Dibromofluoromethane	5.48	113	77416	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	8.71	98	304105	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	11.14	95	115957	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.18%	
Target Compounds						
20) Methylene Chloride	2.84	84	9762	4.908	ug/l	Qvalue 93

(#) = 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
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012195.D

Acq: 08 Sep 2019 02:04

Instrument :

MSVOA_X

ClientSampleId :

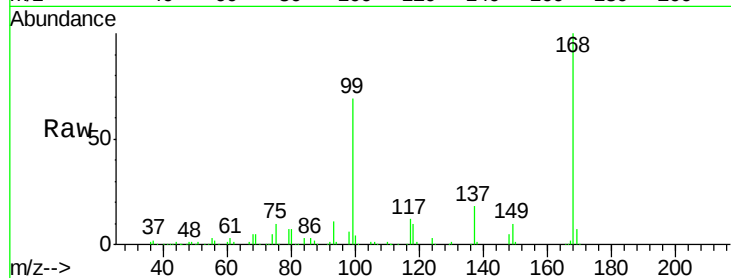
PAR-D1-(3.11)

Tot Ion:168 Resp: 150188

Ion Ratio Lower Upper

168 100

99 68.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

50000

40000

30000

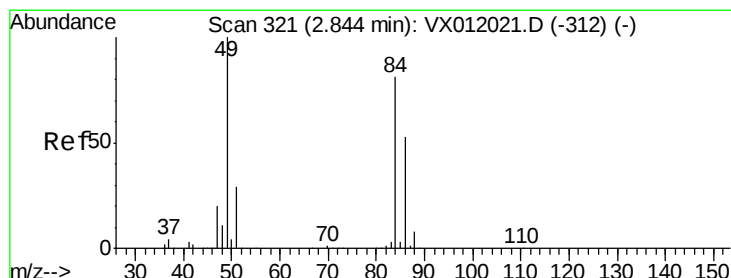
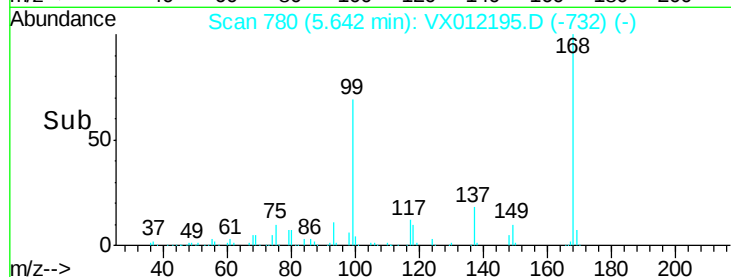
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 4.908 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012195.D

Acq: 08 Sep 2019 02:04

Tgt Ion: 84 Resp: 9762

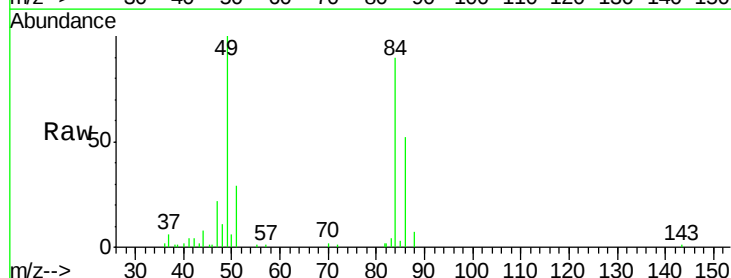
Ion Ratio Lower Upper

84 100

49 111.7 95.8 143.8

51 32.6 28.6 43.0

86 58.4 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

8000

6000

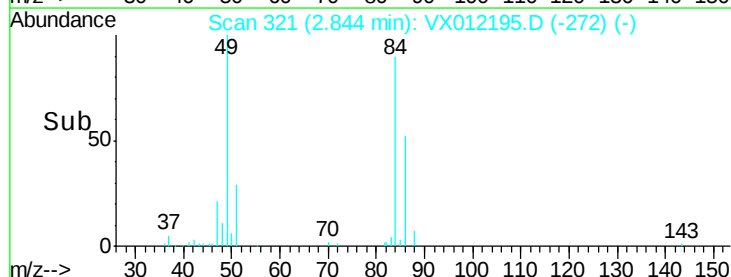
4000

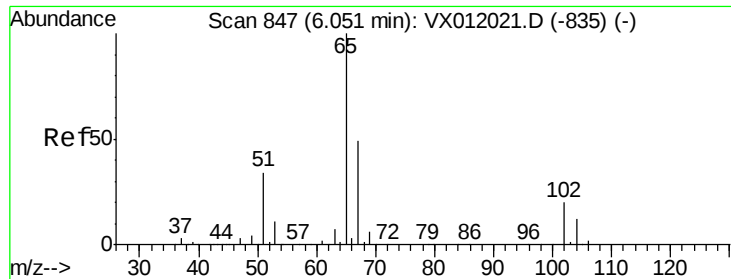
2000

0

Time-->

2.75 2.80 2.85 2.90 2.95

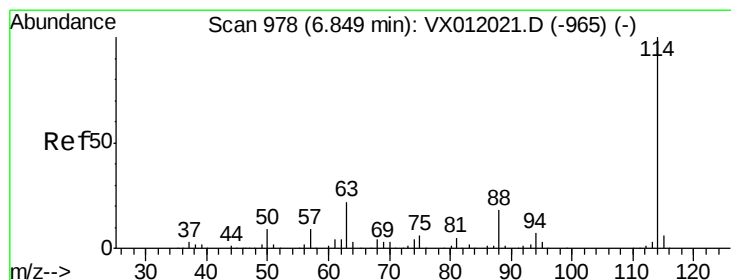
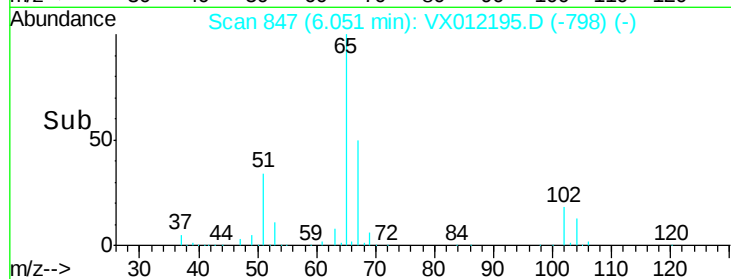
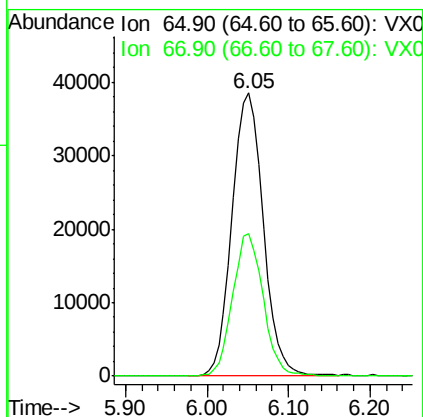
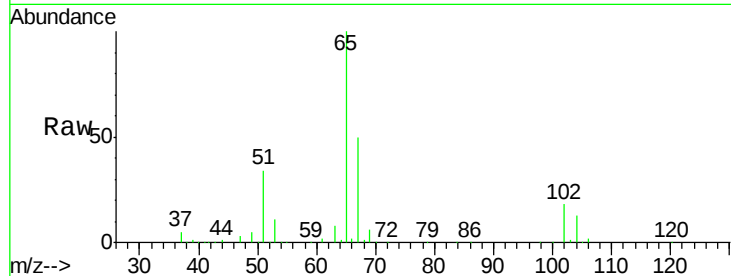




#33
 1,2-Dichloroethane-d4
 Concen: 49.357 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012195.D
 Acq: 08 Sep 2019 02:04

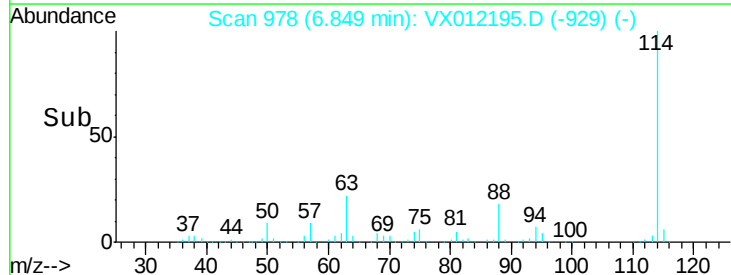
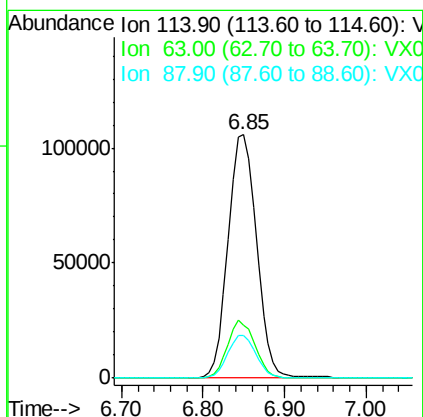
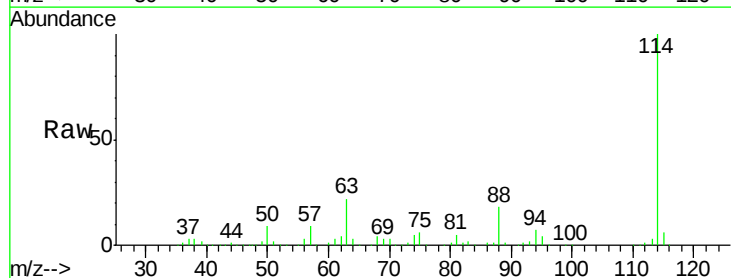
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D1-(3.11)

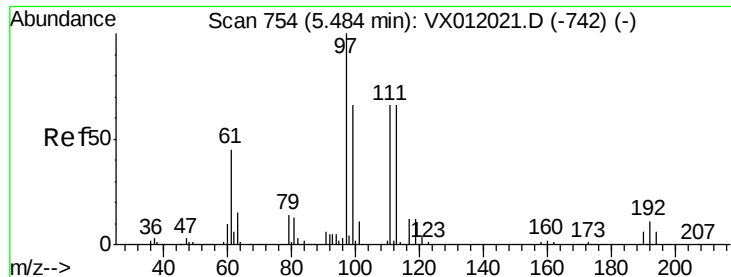
Tot Ion: 65 Resp: 102283
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012195.D
 Acq: 08 Sep 2019 02:04

Tgt Ion: 114 Resp: 256387
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 37.4
 88 17.6 0.0 29.6

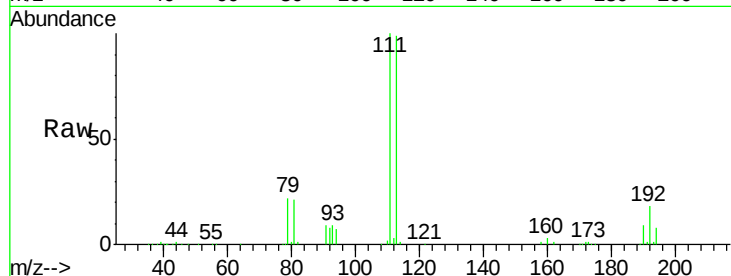




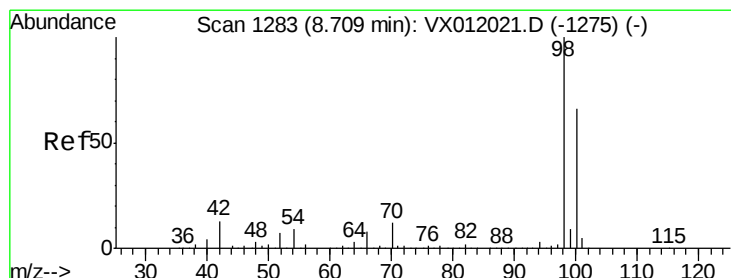
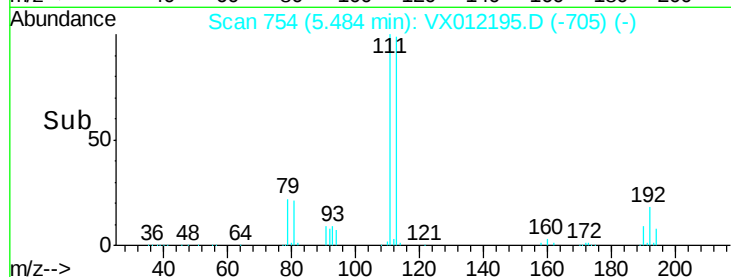
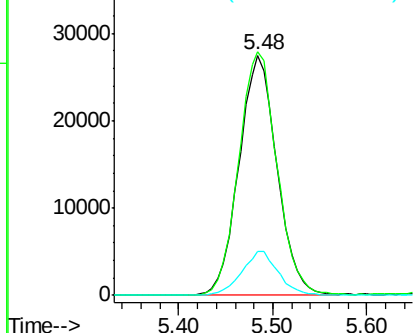
#35
Dibromofluoromethane
Concen: 49.100 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012195.D
Acq: 08 Sep 2019 02:04

Instrument :
MSVOA_X
ClientSampleId :
PAR-D1-(3.11)

Tot Ion:113 Resp: 77416
Ion Ratio Lower Upper
113 100
111 102.8 81.7 122.5
192 17.7 22.5 33.7#

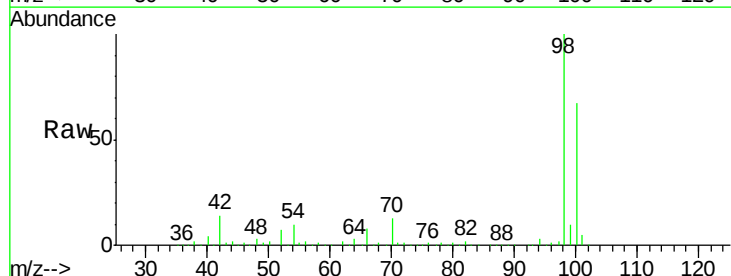


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

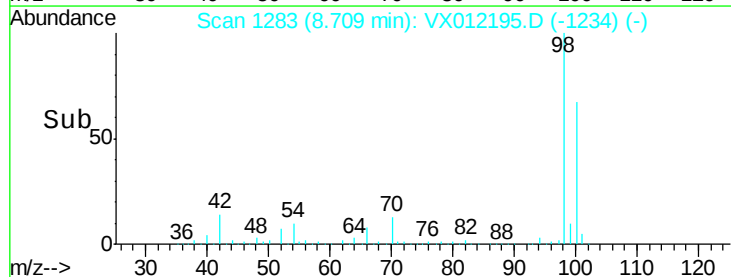
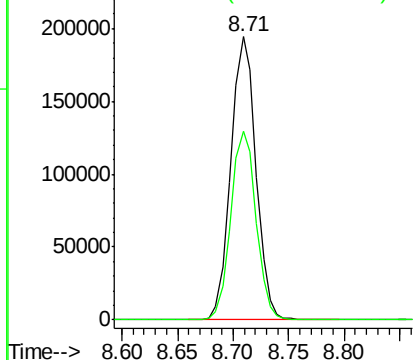


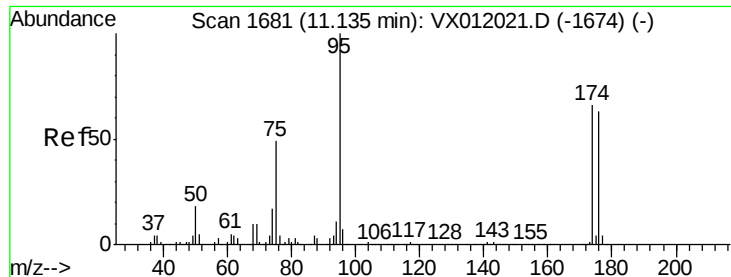
#50
Toluene-d8
Concen: 52.561 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012195.D
Acq: 08 Sep 2019 02:04

Tgt Ion: 98 Resp: 304105
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



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

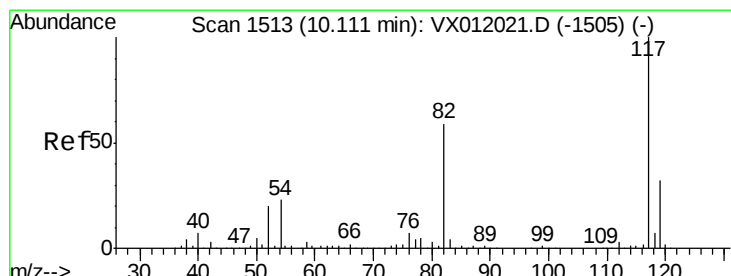
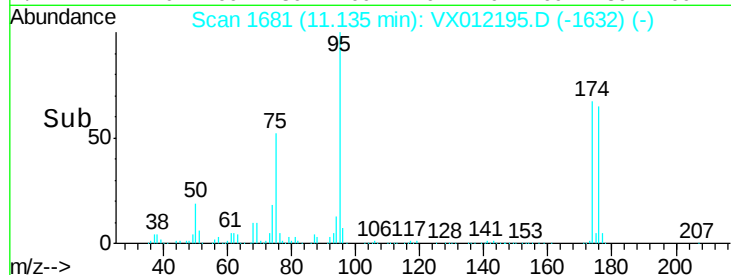
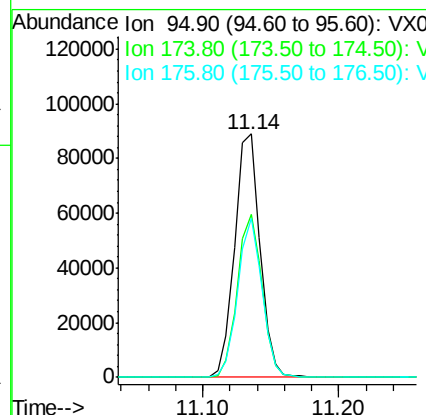
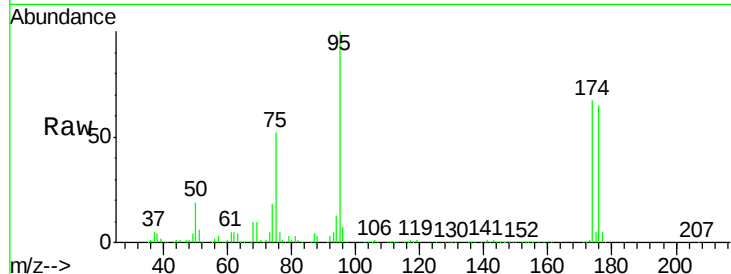




#62
4-Bromofluorobenzene
Concen: 43.095 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012195.D
Acq: 08 Sep 2019 02:04

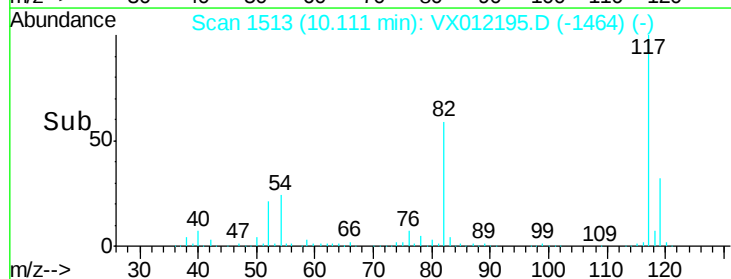
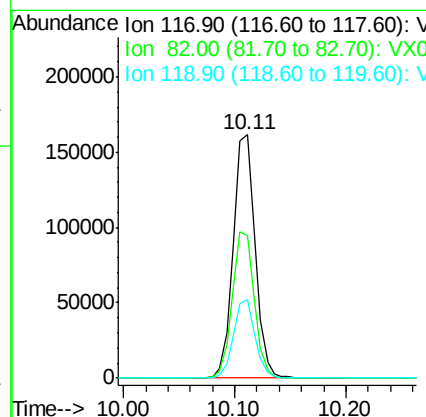
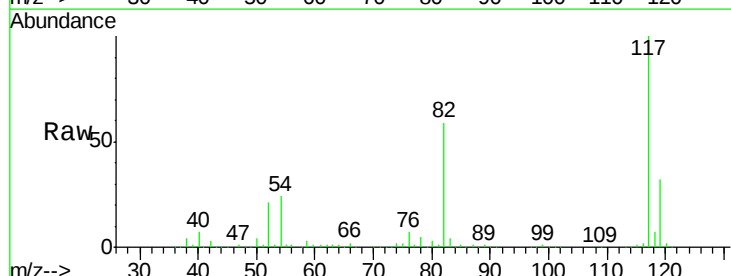
Instrument :
MSVOA_X
ClientSampleId :
PAR-D1-(3.11)

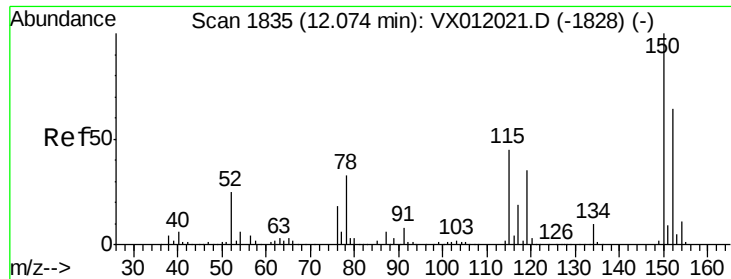
Tot Ion: 95 Resp: 115957
Ion Ratio Lower Upper
95 100
174 65.3 0.0 205.4
176 62.4 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012195.D
Acq: 08 Sep 2019 02:04

Tgt Ion: 117 Resp: 220490
Ion Ratio Lower Upper
117 100
82 58.7 39.4 59.0
119 32.4 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: VX012195.D
 Acq: 08 Sep 2019 02:04

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D1-(3.11)

Tot Ion:152 Resp: 90830
 Ion Ratio Lower Upper
 152 100
 115 66.8 36.4 109.3
 150 157.1 0.0 341.2

