

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012194.D
 Acq On : 08 Sep 2019 01:36
 Operator : SY/SP
 Sample : K4602-17
 Misc : 5.35g/5.0mL/MSVOA X/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D4-(0)

Quant Time: Sep 08 08:31:12 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

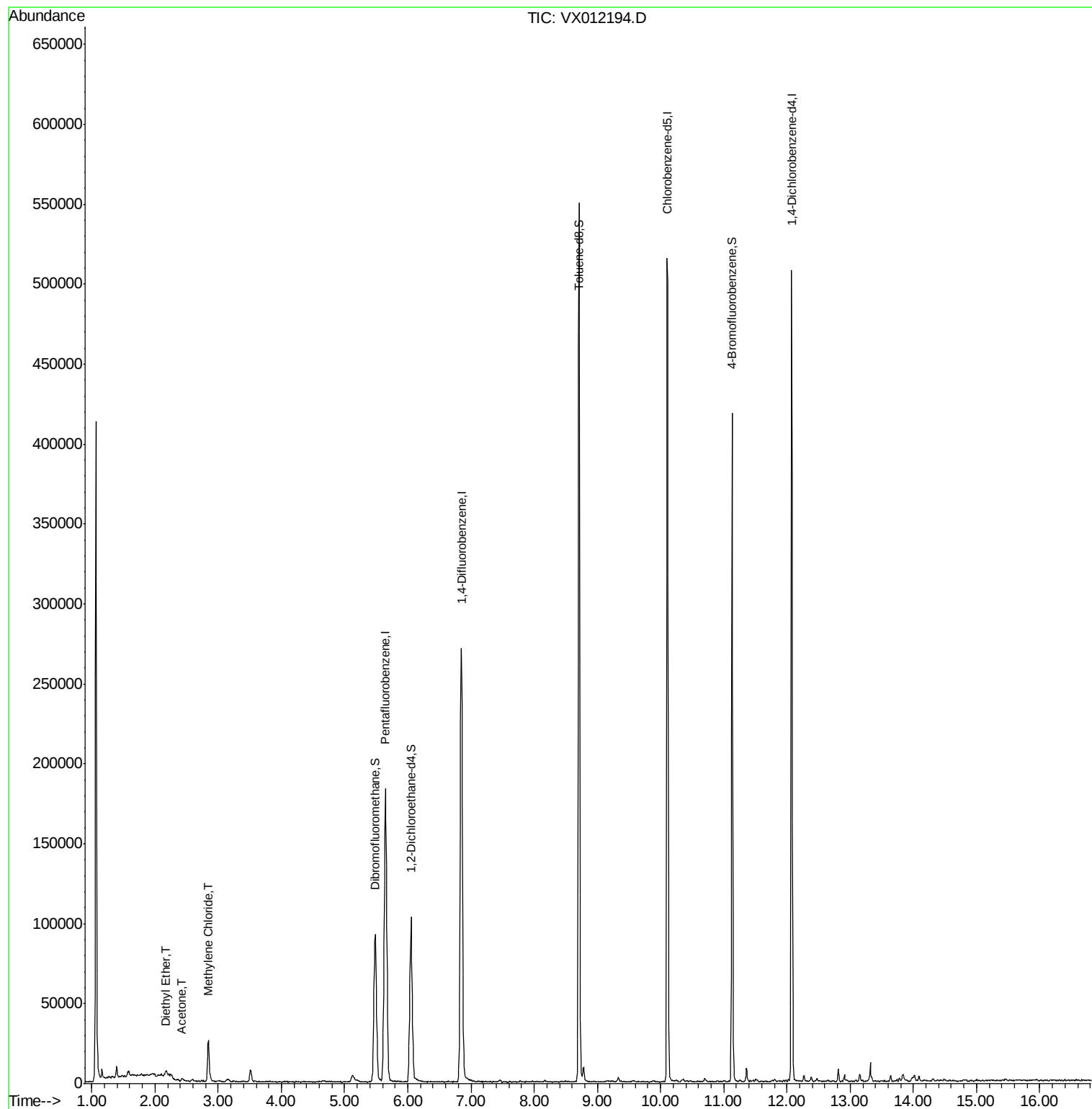
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	152134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	262063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	102614	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	5.48	113	78803	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	305454	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.14	95	118847	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
Target Compounds						
8) Diethyl Ether	2.17	74	1293	1.782	ug/l	95
16) Acetone	2.42	43	1442	2.874	ug/l	94
20) Methylene Chloride	2.84	84	12082	5.997	ug/l	90

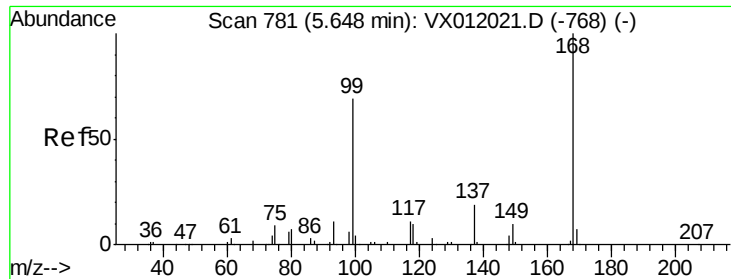
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012194.D

Acq: 08 Sep 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

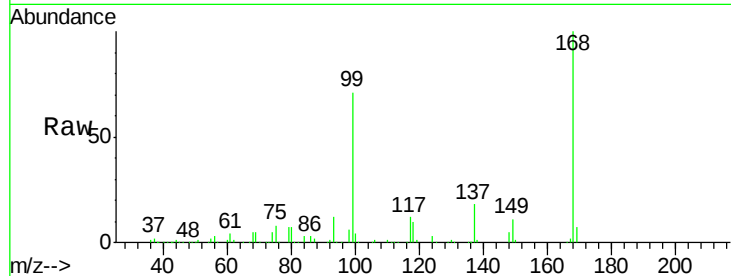
PAR-D4-(0)

Tot Ion:168 Resp: 152134

Ion Ratio Lower Upper

168 100

99 71.4 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

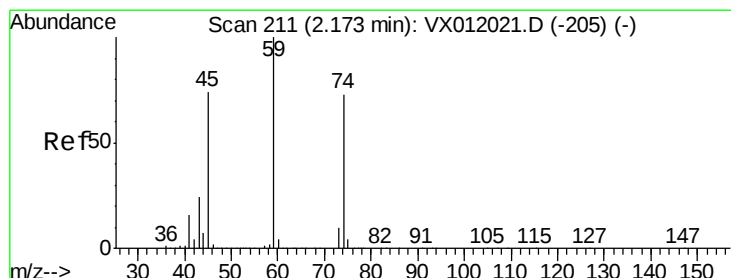
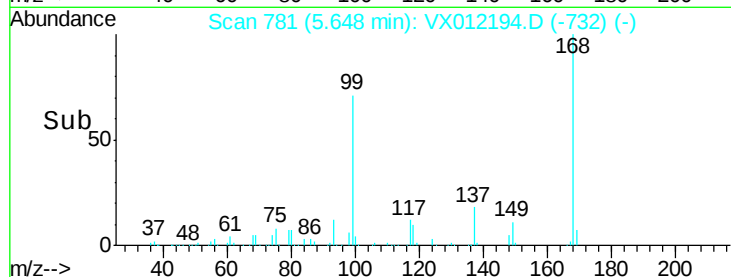
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#8

Diethyl Ether

Concen: 1.782 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012194.D

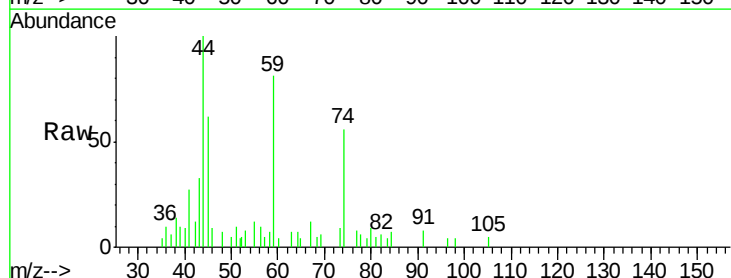
Acq: 08 Sep 2019 01:36

Tgt Ion: 74 Resp: 1293

Ion Ratio Lower Upper

74 100

45 96.5 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

800

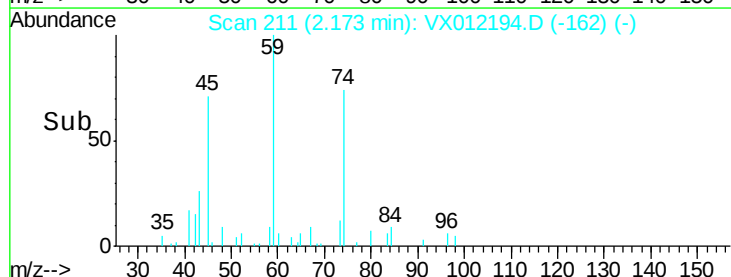
600

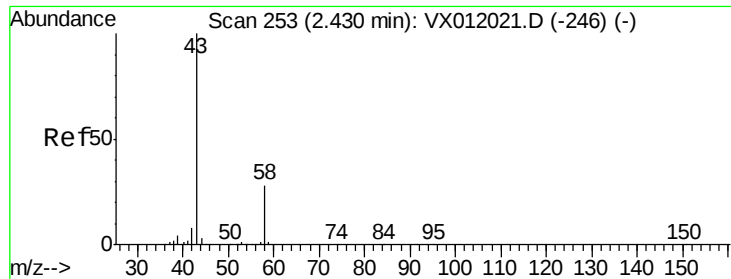
400

200

0

Time--> 2.10 2.15 2.20 2.25





#16

Acetone

Concen: 2.874 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012194.D

Acq: 08 Sep 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

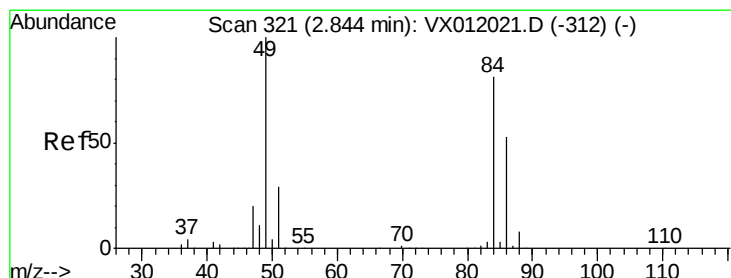
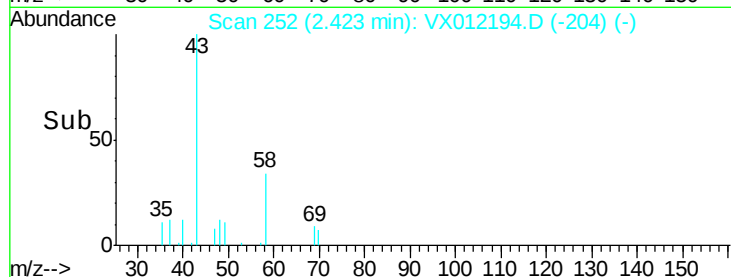
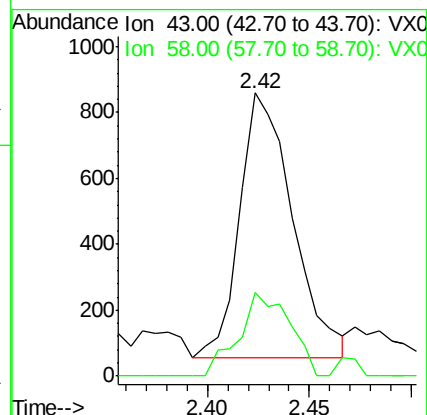
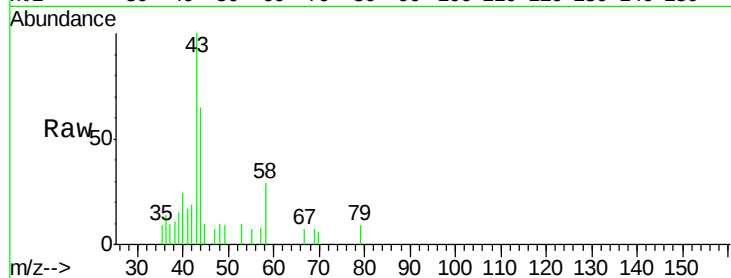
PAR-D4-(0)

Tot Ion: 43 Resp: 1442

Ion Ratio Lower Upper

43 100

58 31.4 22.8 34.2



#20

Methylene Chloride

Concen: 5.997 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012194.D

Acq: 08 Sep 2019 01:36

Tgt Ion: 84 Resp: 12082

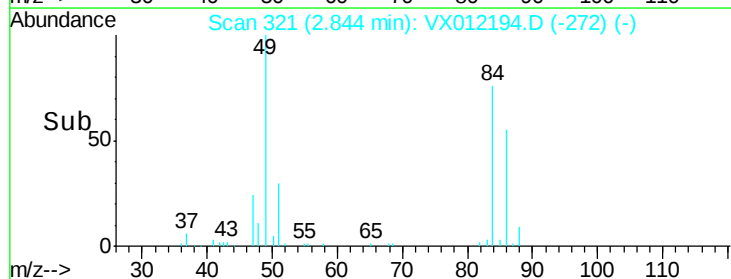
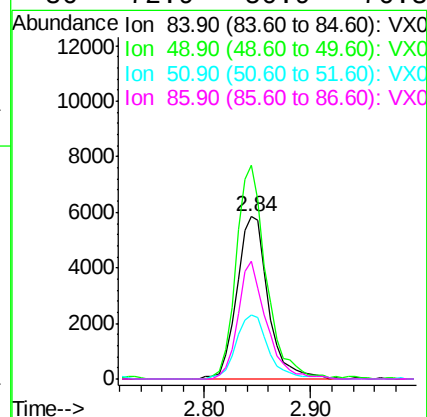
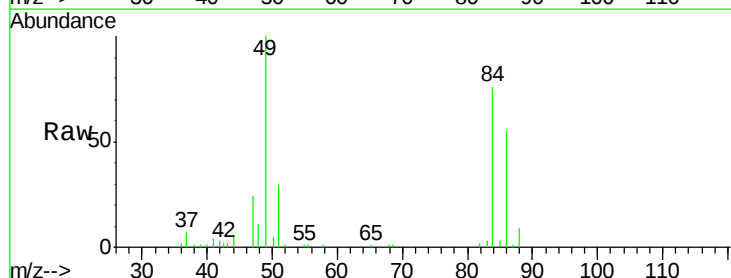
Ion Ratio Lower Upper

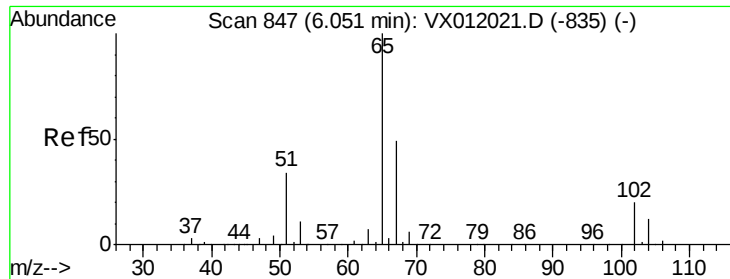
84 100

49 131.8 95.8 143.8

51 39.4 28.6 43.0

86 72.9 50.9 76.3

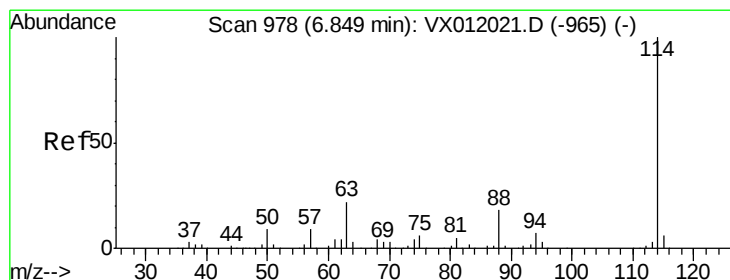
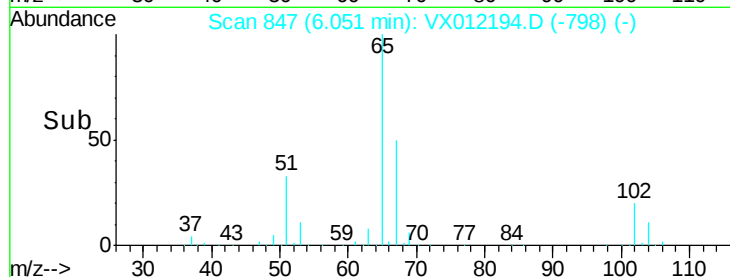
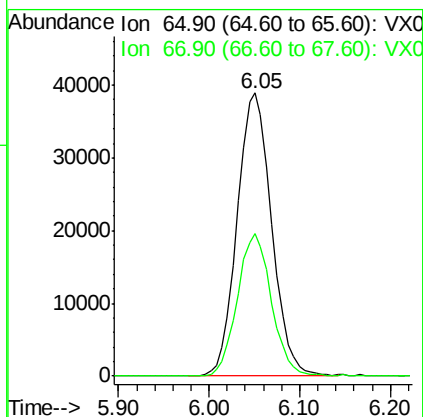
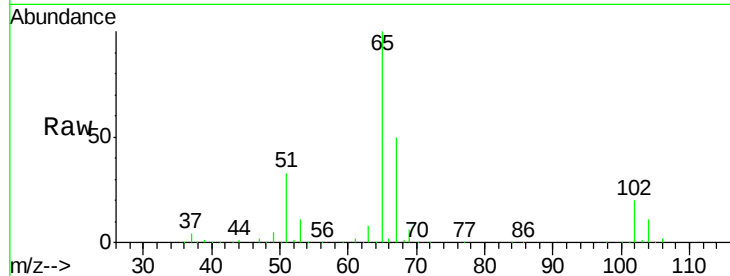




#33
 1,2-Dichloroethane-d4
 Concen: 48.884 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012194.D
 Acq: 08 Sep 2019 01:36

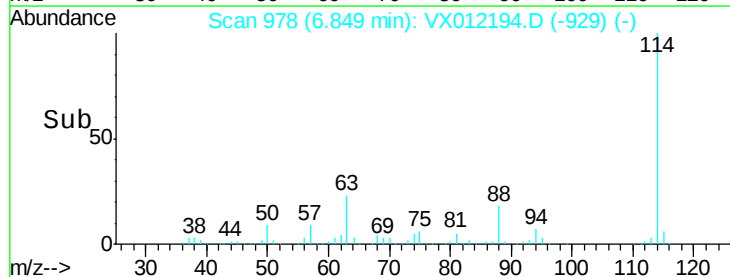
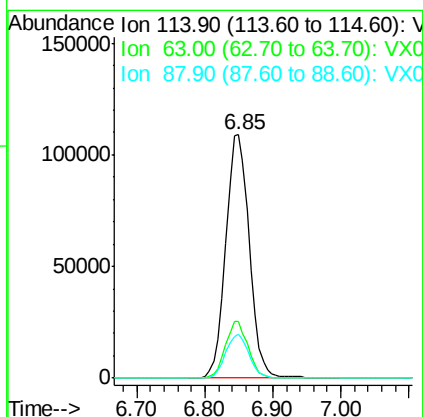
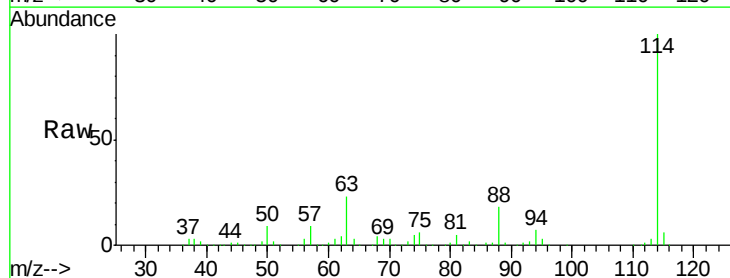
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D4-(0)

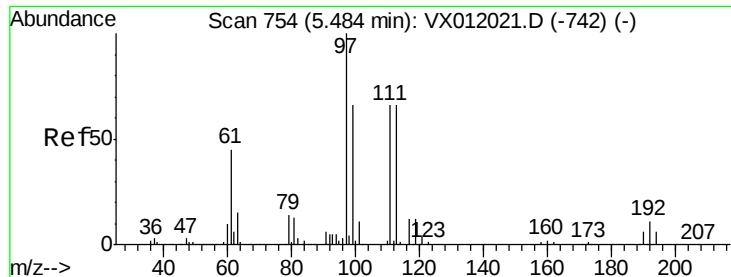
Tot Ion: 65 Resp: 102614
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012194.D
 Acq: 08 Sep 2019 01:36

Tgt Ion: 114 Resp: 262063
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 37.4
 88 17.8 0.0 29.6

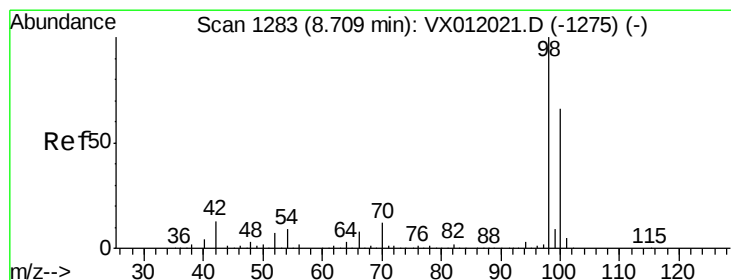
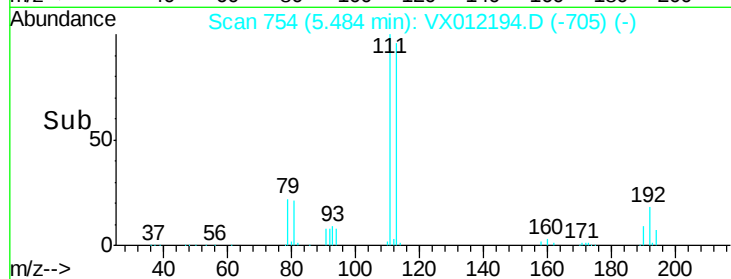
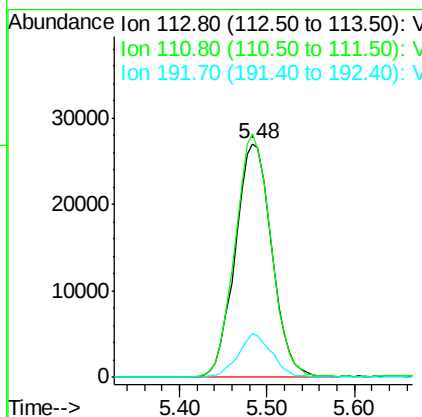
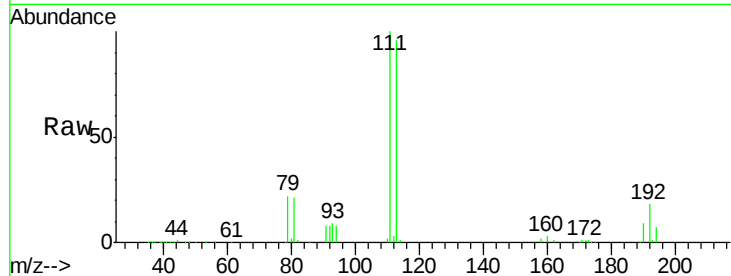




#35
 Dibromofluoromethane
 Concen: 48.897 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012194.D
 Acq: 08 Sep 2019 01:36

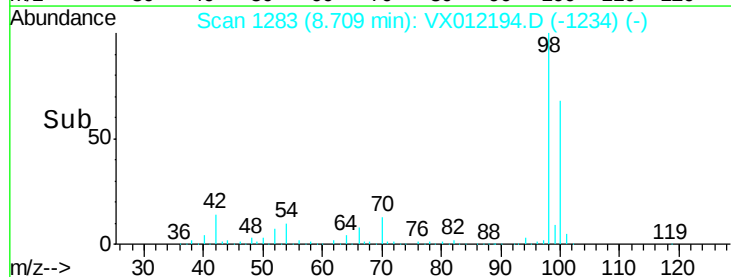
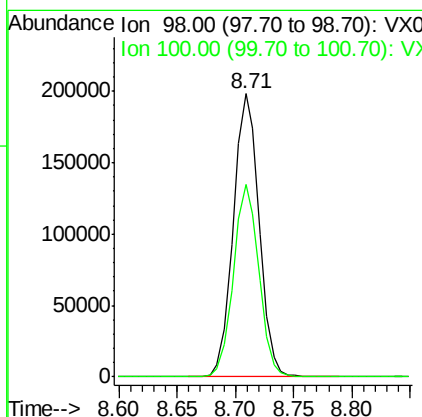
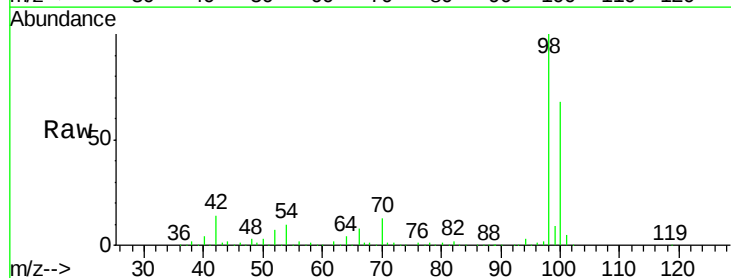
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D4-(0)

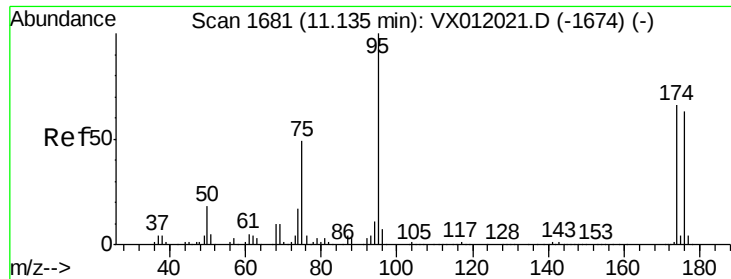
Tot Ion:113 Resp: 78803
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 17.3 22.5 33.7#



#50
 Toluene-d8
 Concen: 51.650 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012194.D
 Acq: 08 Sep 2019 01:36

Tgt Ion: 98 Resp: 305454
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.3 79.9

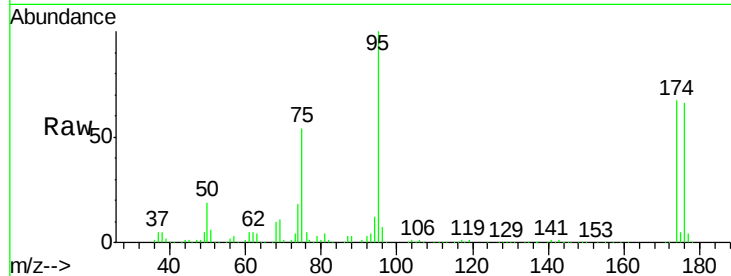




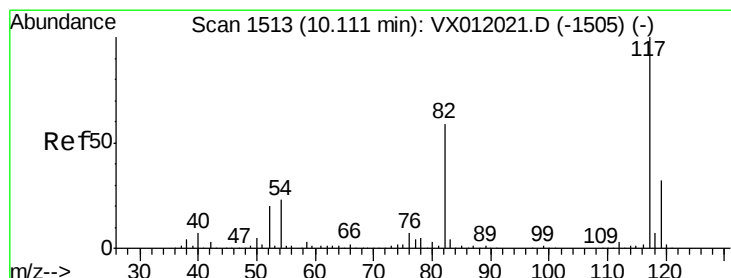
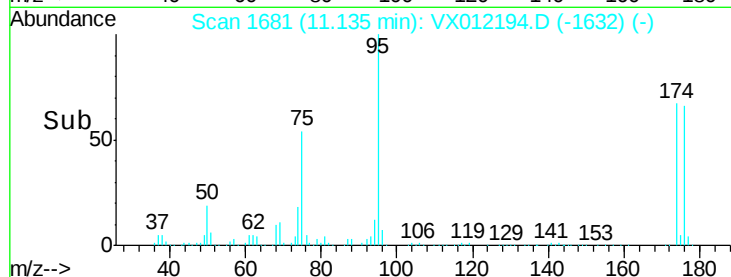
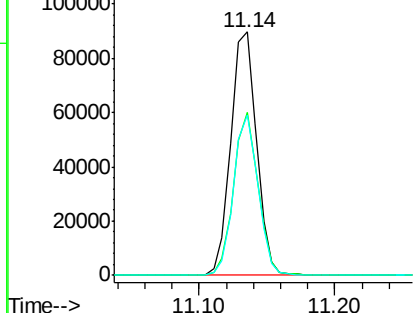
#62
4-Bromofluorobenzene
Concen: 43.212 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012194.D
Acq: 08 Sep 2019 01:36

Instrument :
MSVOA_X
ClientSampleId :
PAR-D4-(0)

Tot Ion: 95 Resp: 118847
Ion Ratio Lower Upper
95 100
174 63.8 0.0 205.4
176 62.6 0.0 201.8

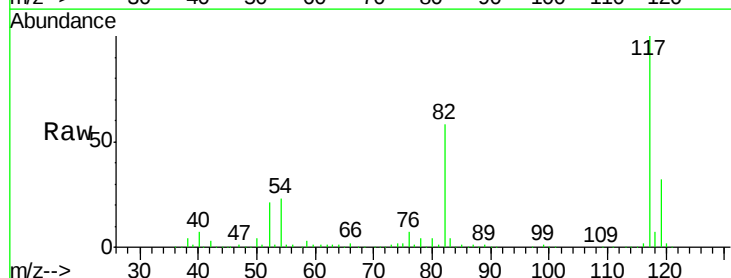


Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)
Ion 173.80 (173.50 to 174.50): VX012021.D (-1674) (-)
Ion 175.80 (175.50 to 176.50): VX012021.D (-1674) (-)

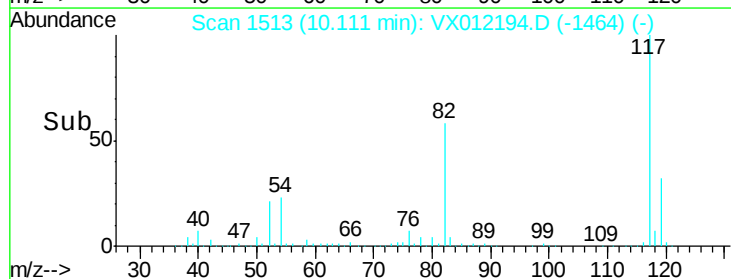
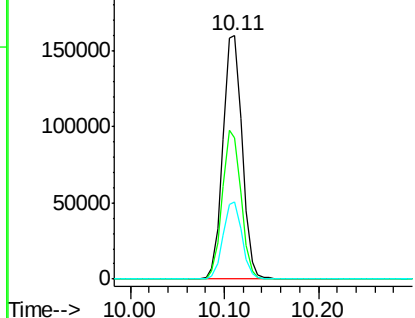


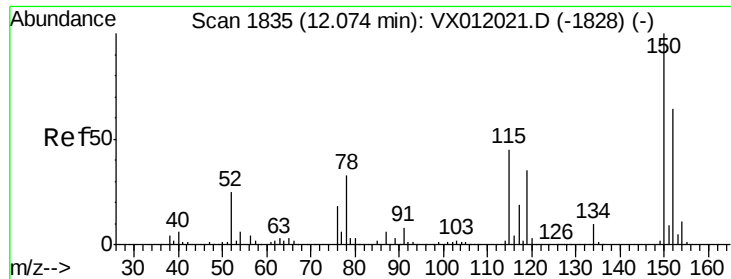
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012194.D
Acq: 08 Sep 2019 01:36

Tgt Ion: 117 Resp: 226973
Ion Ratio Lower Upper
117 100
82 57.8 39.4 59.0
119 31.6 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)
Ion 82.00 (81.70 to 82.70): VX012021.D (-1505) (-)
Ion 118.90 (118.60 to 119.60): VX012021.D (-1505) (-)

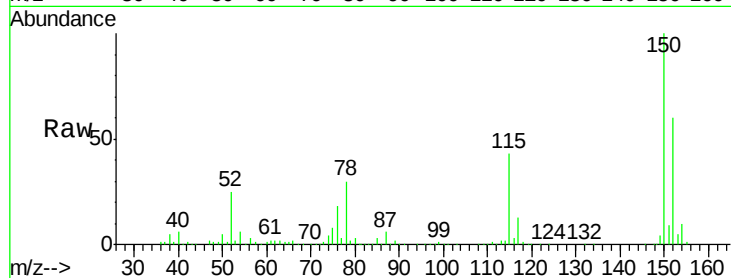




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012194.D
 Acq: 08 Sep 2019 01:36

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D4-(0)

Tot Ion:152 Resp: 93350
 Ion Ratio Lower Upper
 152 100
 115 67.9 36.4 109.3
 150 158.2 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

