

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012196.D
 Acq On : 08 Sep 2019 02:32
 Operator : SY/SP
 Sample : K4602-19
 Misc : 4.27g/5.0mL/MSVOA X/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D2-(3.11)

Quant Time: Sep 08 08:33:21 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

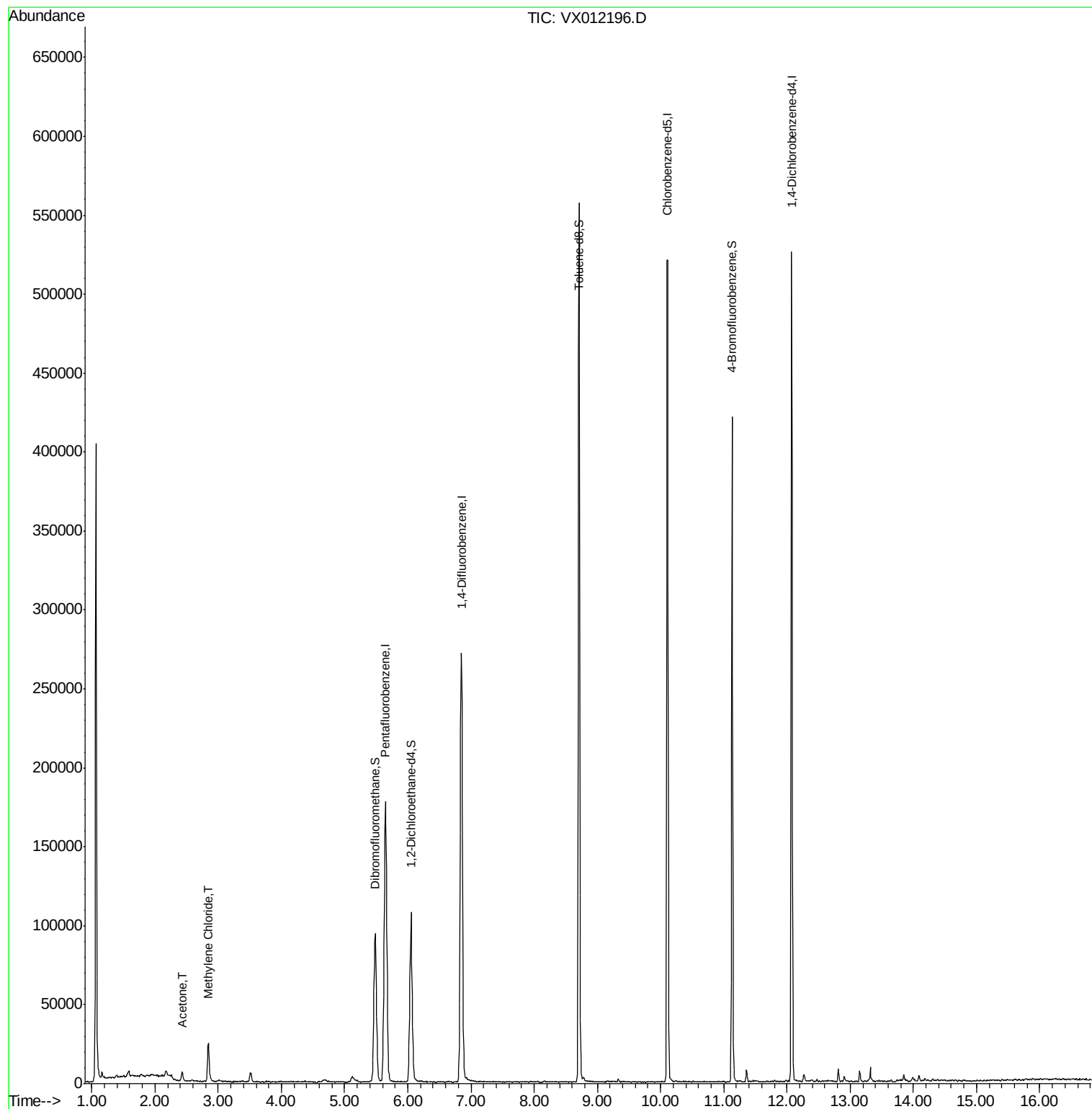
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	263587	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	104716	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.48	113	78402	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	8.71	98	310619	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.14	95	121067	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	
Target Compounds						
16) Acetone	2.43	43	6611	13.063	ug/l	94
20) Methylene Chloride	2.84	84	11314	5.567	ug/l	95

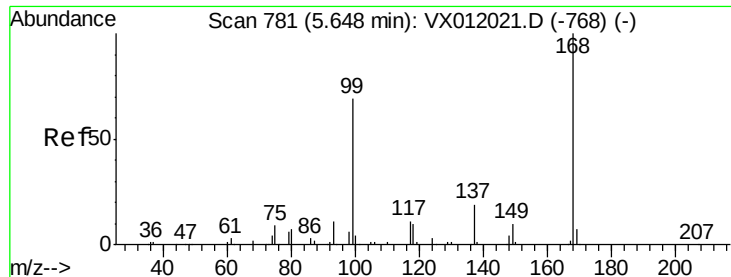
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 03 15:26:48 2019
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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: VX012196.D

Acq: 08 Sep 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

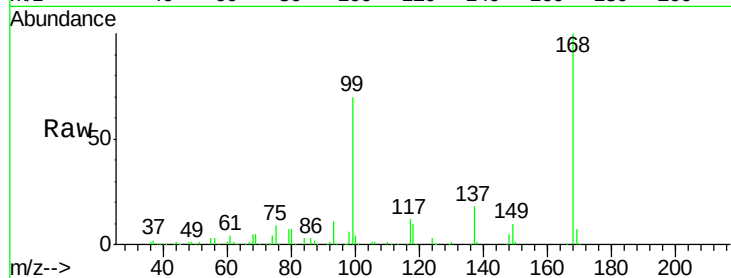
PAR-D2-(3.11)

Tot Ion:168 Resp: 153455

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

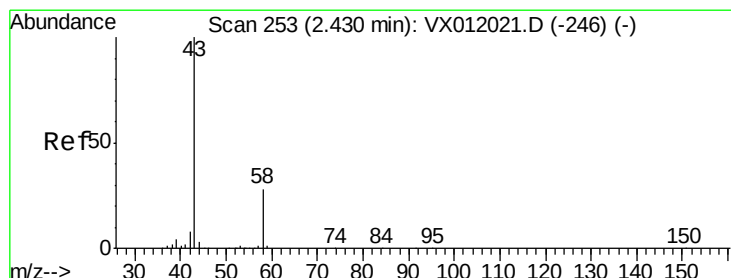
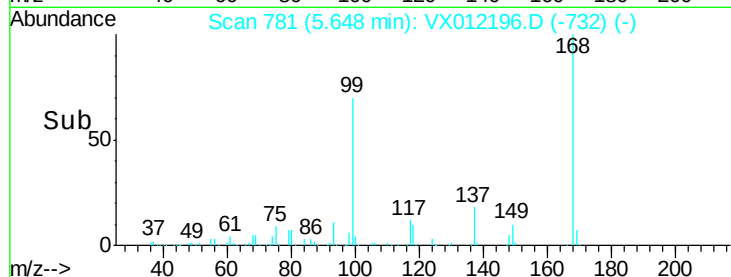
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.063 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012196.D

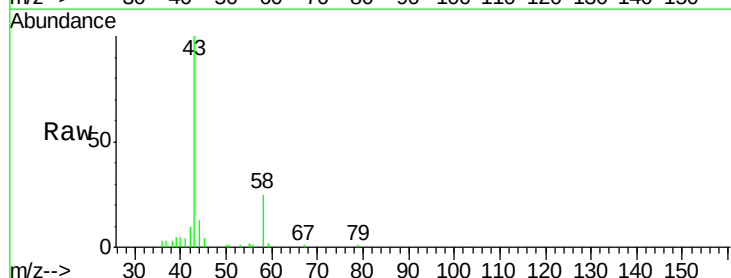
Acq: 08 Sep 2019 02:32

Tgt Ion: 43 Resp: 6611

Ion Ratio Lower Upper

43 100

58 25.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

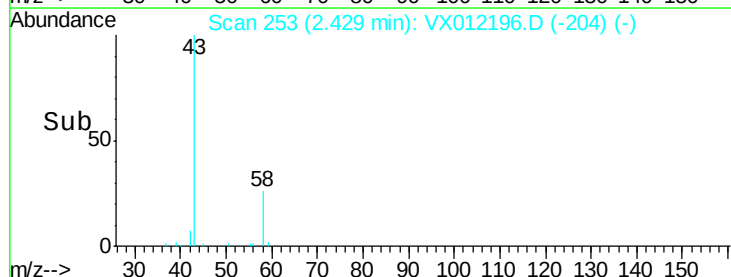
3000

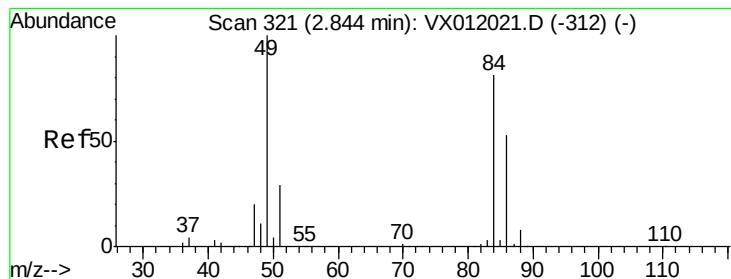
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 5.567 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX012196.D

Acq: 08 Sep 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

PAR-D2-(3.11)

Tot Ion: 84 Resp: 11314

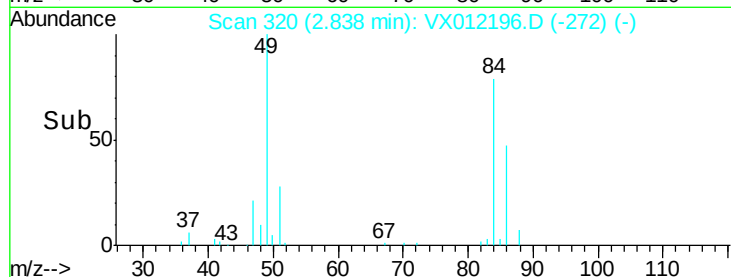
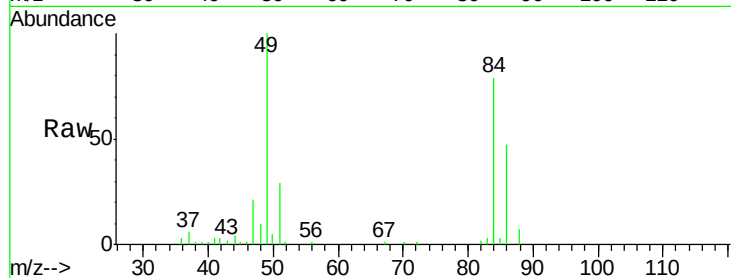
Ion Ratio Lower Upper

84 100

49 126.3 95.8 143.8

51 35.7 28.6 43.0

86 59.7 50.9 76.3

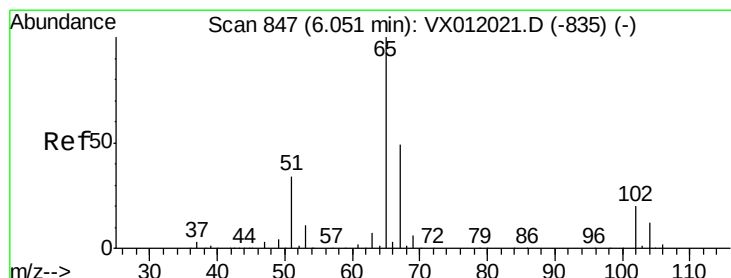
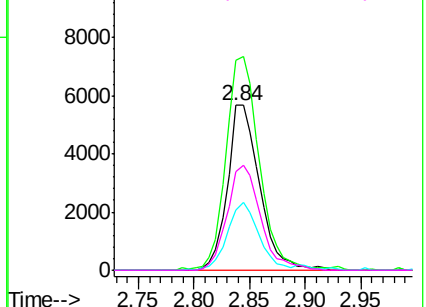


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#33

1,2-Dichloroethane-d4

Concen: 49.456 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012196.D

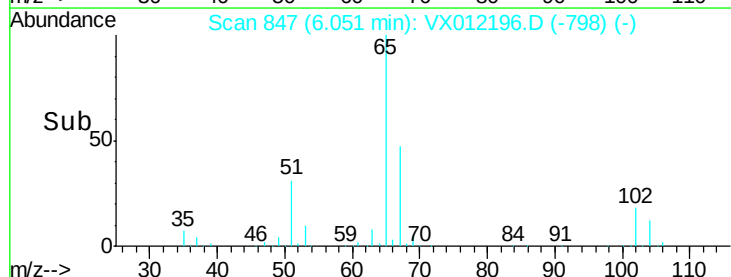
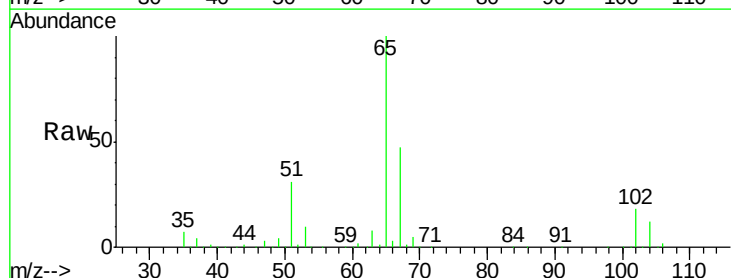
Acq: 08 Sep 2019 02:32

Tgt Ion: 65 Resp: 104716

Ion Ratio Lower Upper

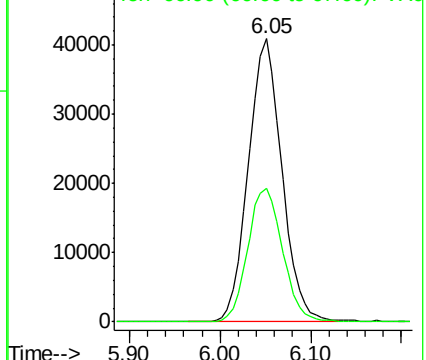
65 100

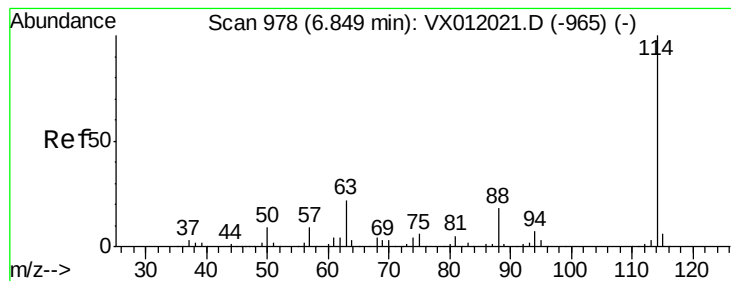
67 49.0 0.0 102.0



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: VX012196.D

Acq: 08 Sep 2019 02:32

Instrument :

MSVOA_X

ClientSampleId :

PAR-D2-(3.11)

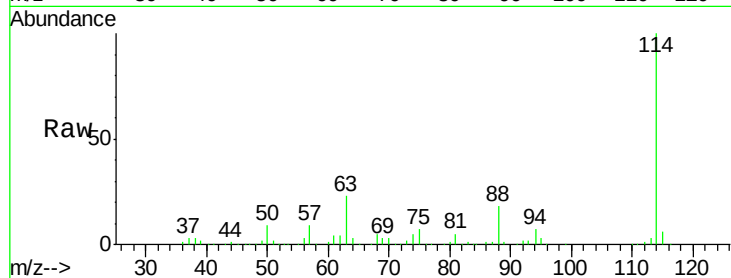
Tot Ion:114 Resp: 263587

Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.4

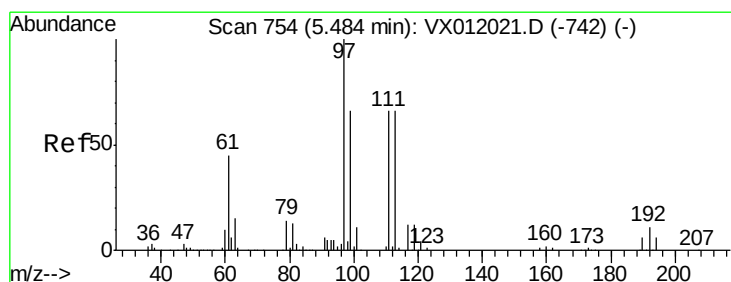
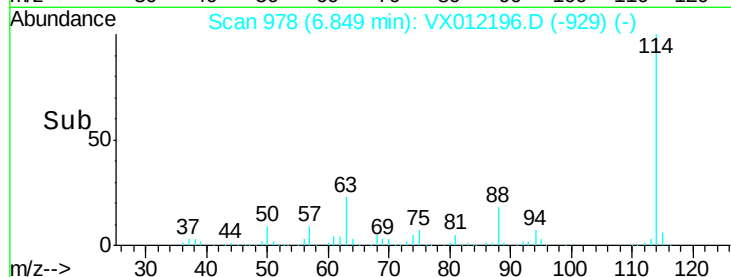
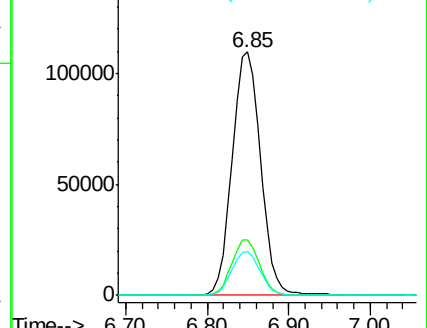
88 17.9 0.0 29.6



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: 48.367 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012196.D

Acq: 08 Sep 2019 02:32

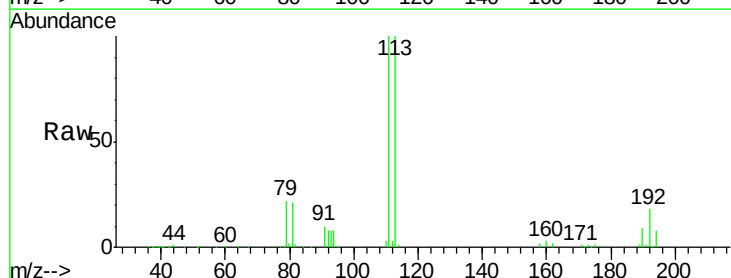
Tgt Ion:113 Resp: 78402

Ion Ratio Lower Upper

113 100

111 103.9 81.7 122.5

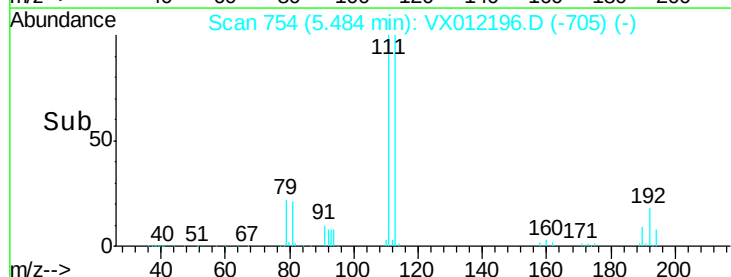
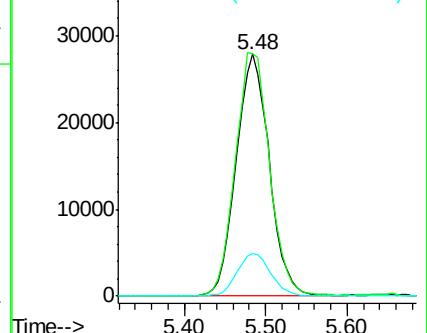
192 17.8 22.5 33.7#

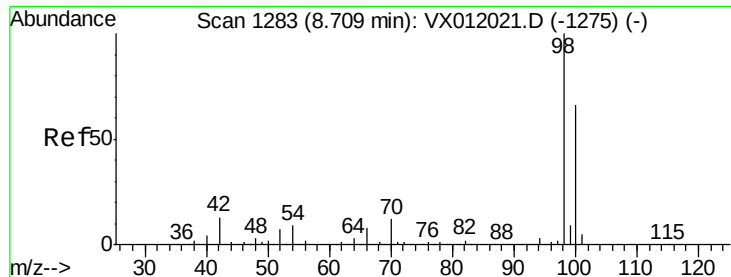


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

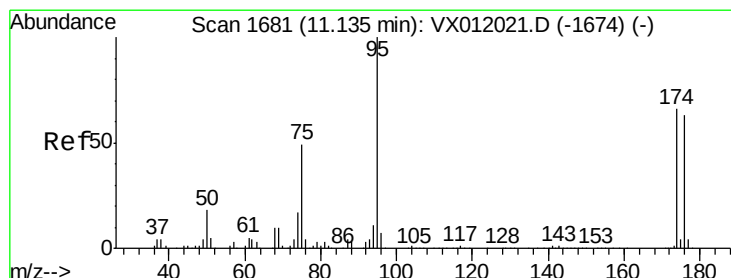
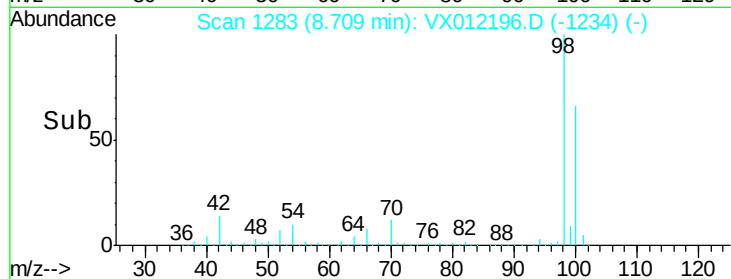
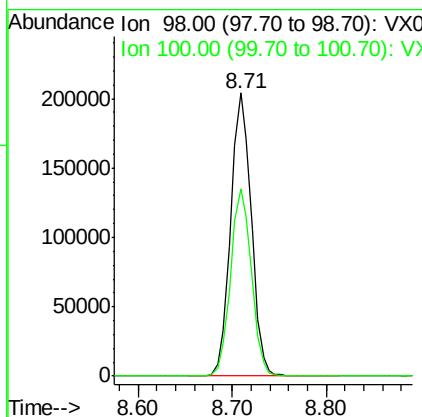
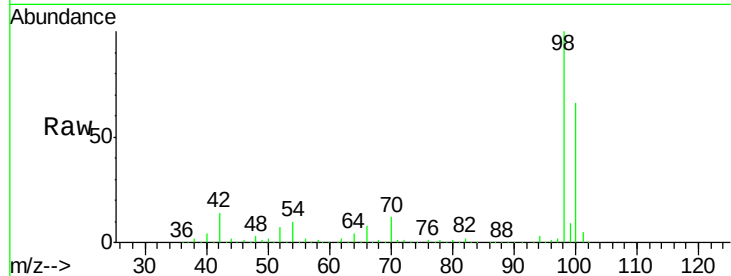




#50
Toluene-d8
Concen: 52.220 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

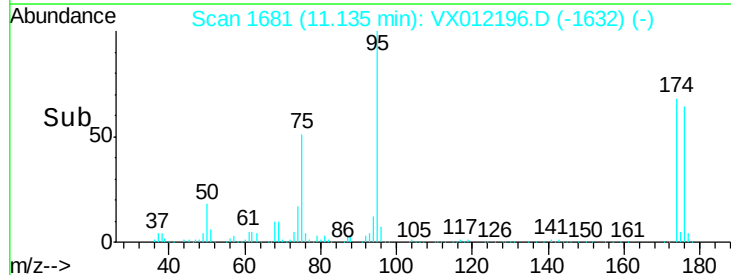
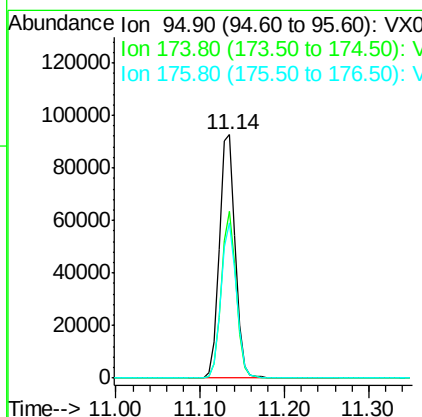
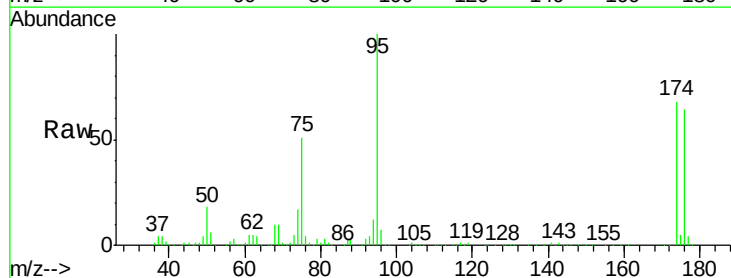
Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

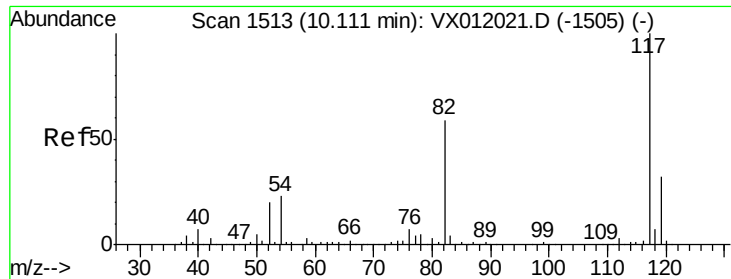
Tot Ion: 98 Resp: 310619
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.765 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion: 95 Resp: 121067
Ion Ratio Lower Upper
95 100
174 64.0 0.0 205.4
176 62.1 0.0 201.8

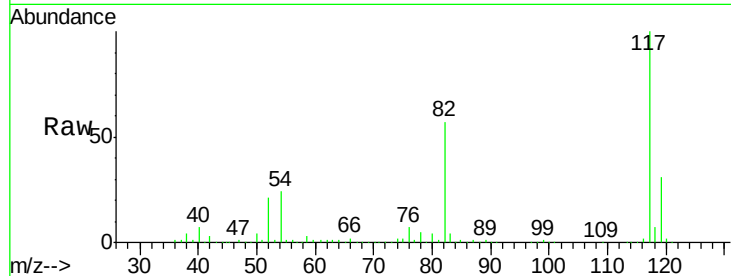




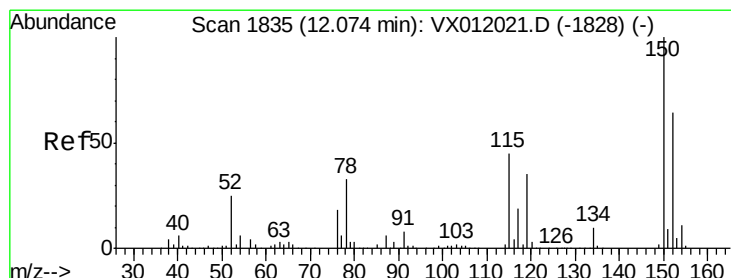
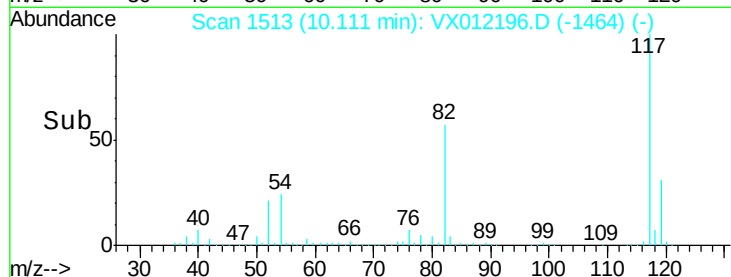
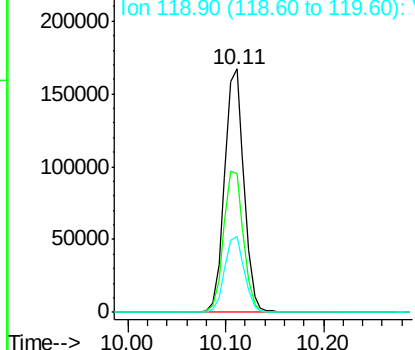
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(3.11)

Tot Ion:117 Resp: 228742
Ion Ratio Lower Upper
117 100
82 57.1 39.4 59.0
119 31.1 26.1 39.1

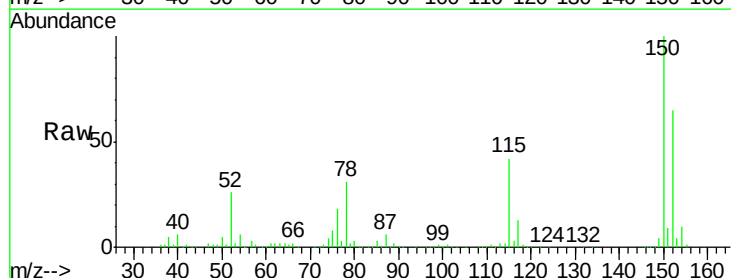


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012196.D
Acq: 08 Sep 2019 02:32

Tgt Ion:152 Resp: 97128
Ion Ratio Lower Upper
152 100
115 65.5 36.4 109.3
150 153.5 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

