

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012095.D
 Acq On : 05 Sep 2019 12:32
 Operator : SY/SP
 Sample : K4538-01
 Misc : 4.25g/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

Quant Time: Sep 06 05:59:25 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	150707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	262685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97562	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	97066	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
35) Dibromofluoromethane	5.48	113	76278	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
50) Toluene-d8	8.71	98	311406	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.13	95	119480	43.34	ug/l	0.00
Spiked Amount			Recovery	=	86.68%	

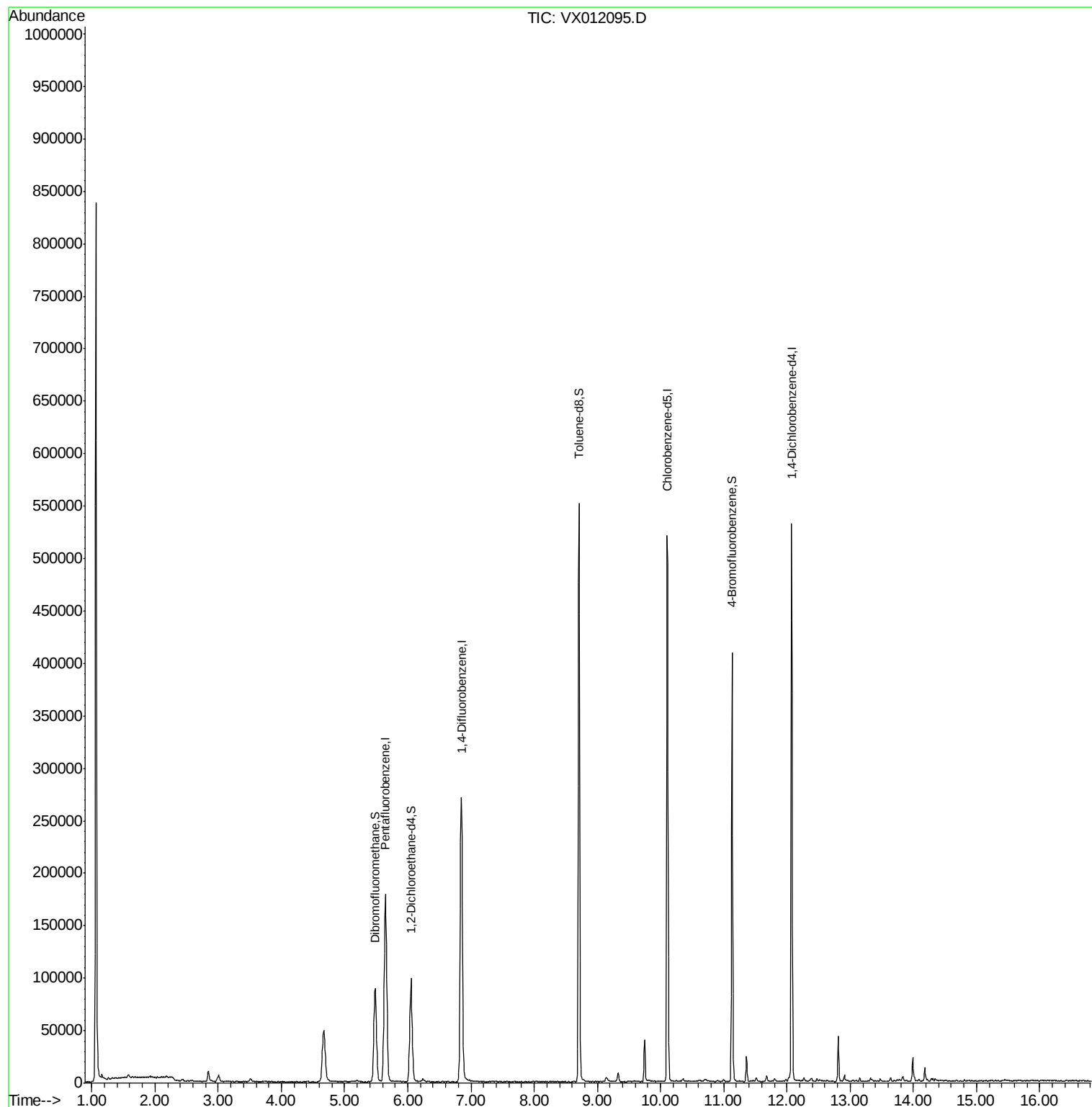
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012095.D

Acq: 05 Sep 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

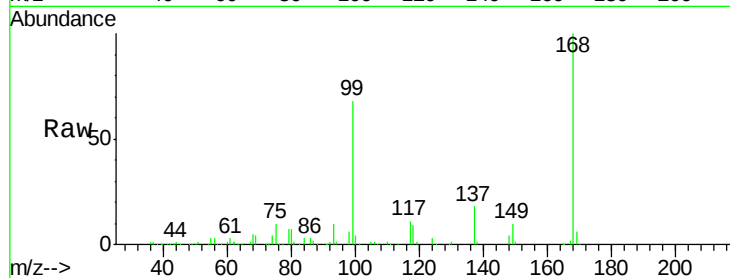
SB-1

Tot Ion:168 Resp: 150707

Ion Ratio Lower Upper

168 100

99 68.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX012021.D

Ion 98.90 (98.60 to 99.60): VX012021.D

5.64

60000

50000

40000

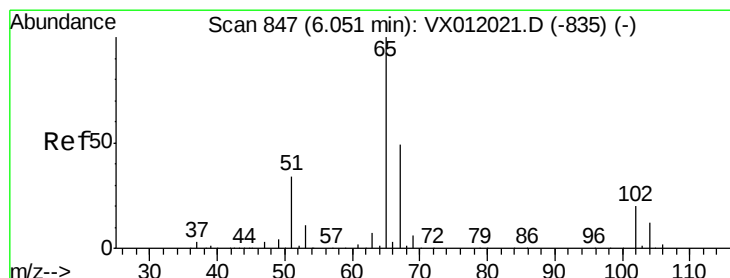
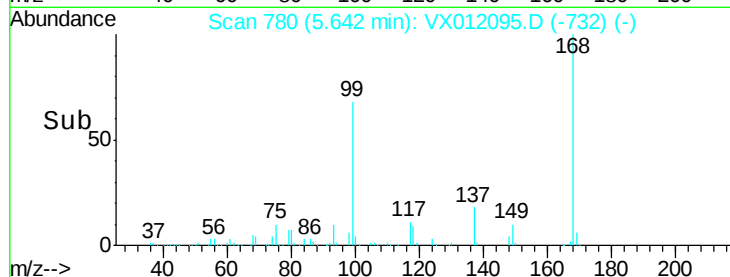
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.679 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012095.D

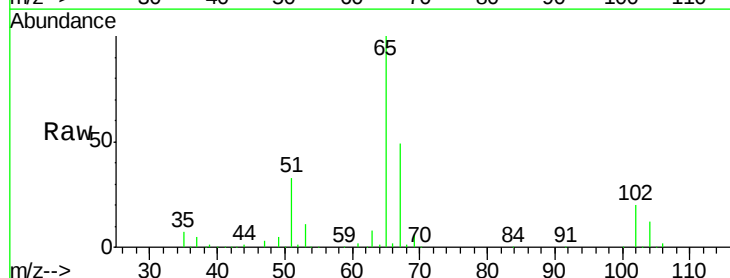
Acq: 05 Sep 2019 12:32

Tgt Ion: 65 Resp: 97066

Ion Ratio Lower Upper

65 100

67 49.6 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX012021.D

Ion 66.90 (66.60 to 67.60): VX012021.D

6.05

40000

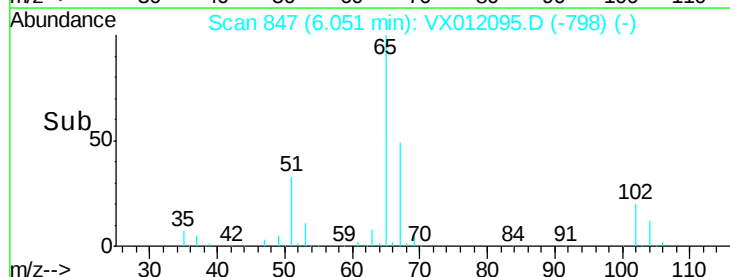
30000

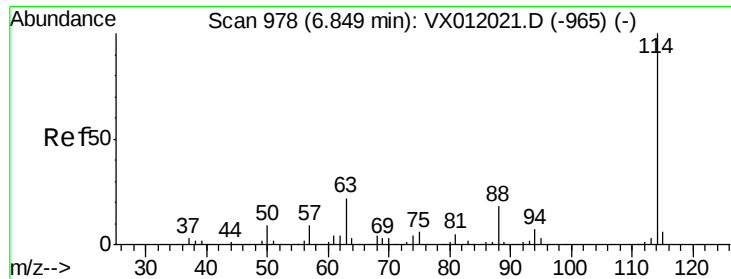
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

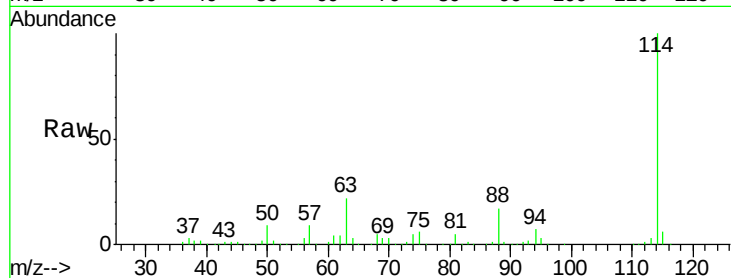




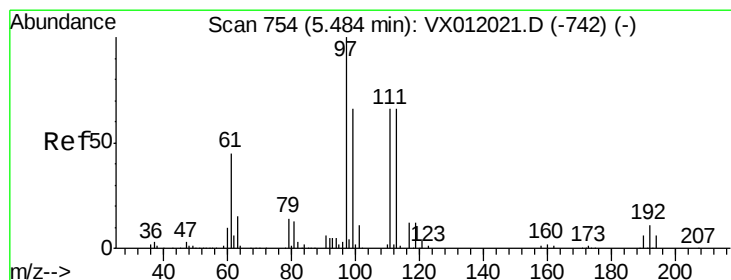
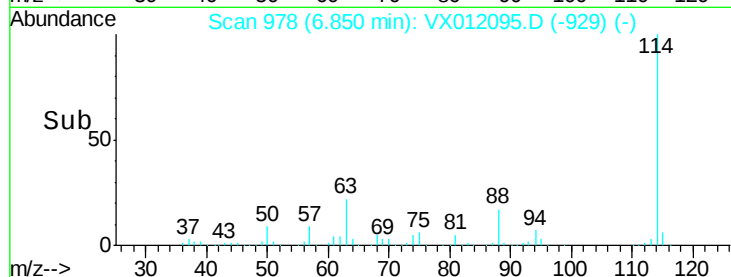
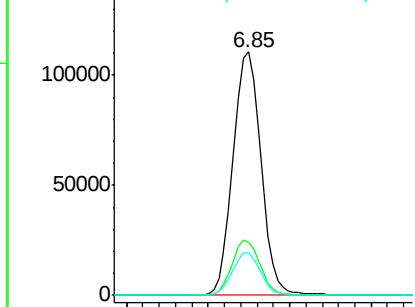
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012095.D
 Acq: 05 Sep 2019 12:32

Instrument :
 MSVOA_X
 ClientSampled :
 SB-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	37.4
88	17.5	0.0	29.6

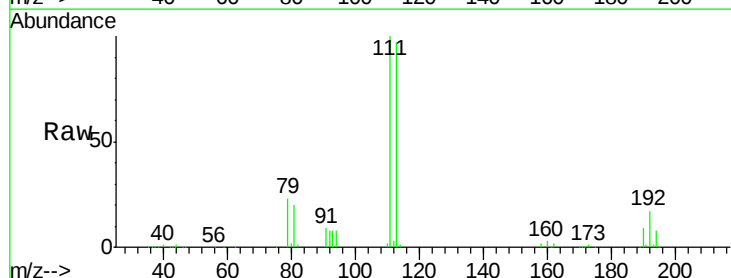


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

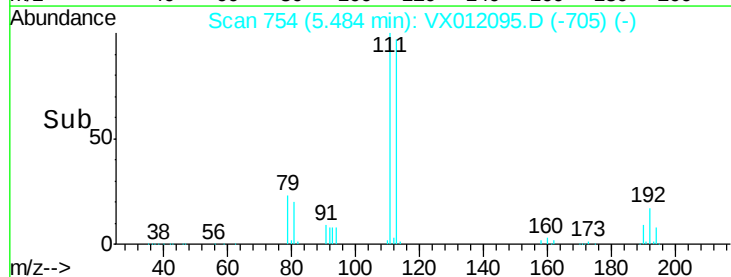
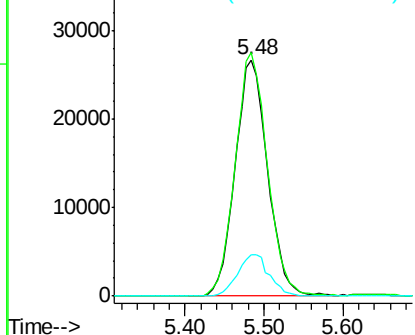


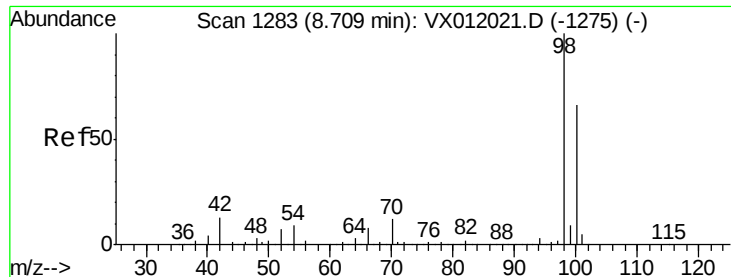
#35
 Dibromofluoromethane
 Concen: 47.218 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012095.D
 Acq: 05 Sep 2019 12:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	17.1	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: 52.532 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012095.D

Acq: 05 Sep 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

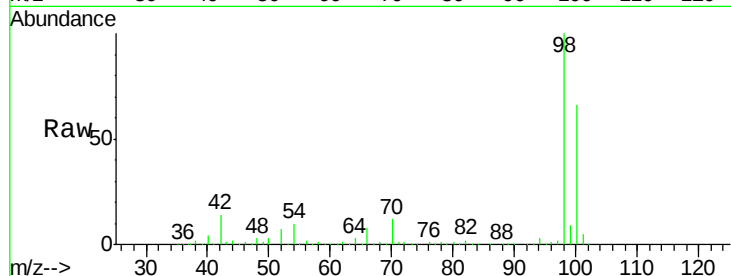
SB-1

Tot Ion: 98 Resp: 311406

Ion Ratio Lower Upper

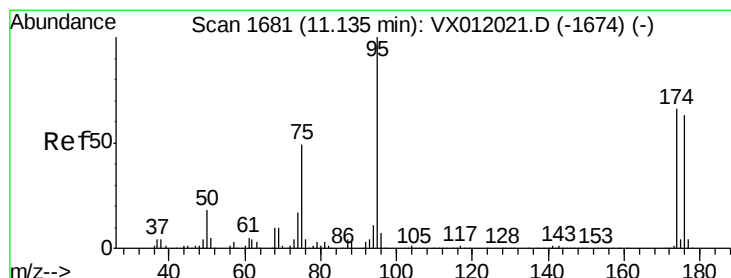
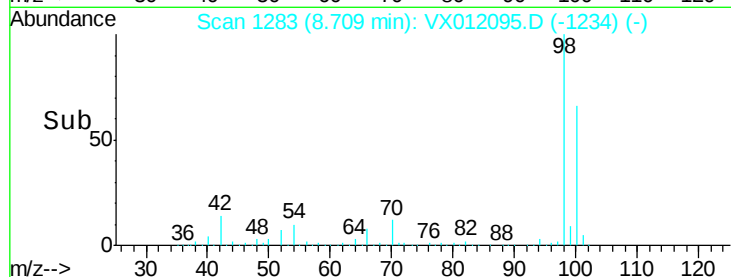
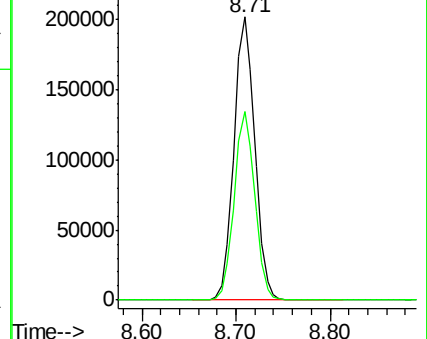
98 100

100 65.7 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: 43.340 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012095.D

Acq: 05 Sep 2019 12:32

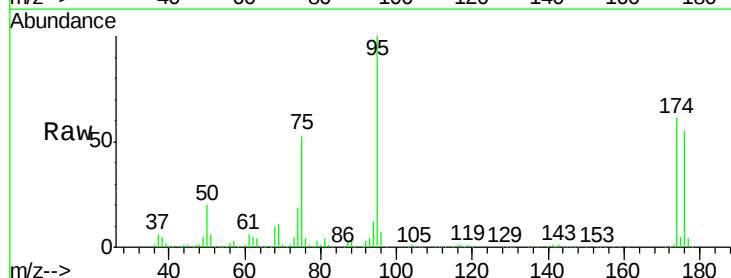
Tgt Ion: 95 Resp: 119480

Ion Ratio Lower Upper

95 100

174 65.8 0.0 205.4

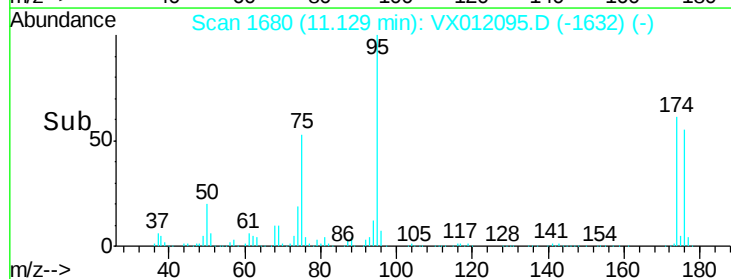
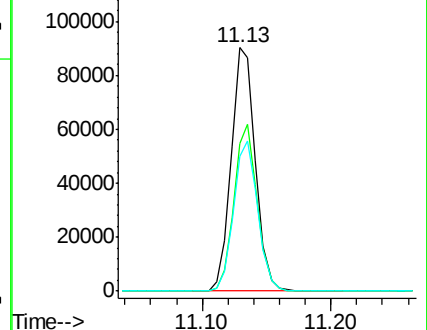
176 60.9 0.0 201.8

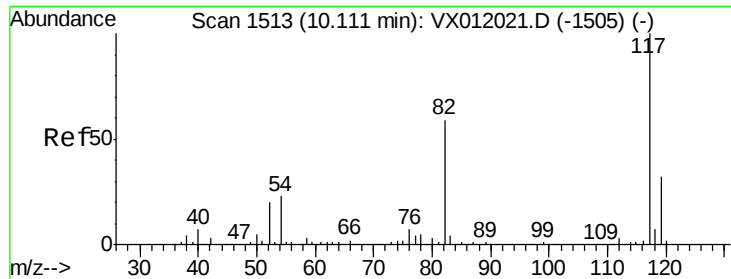


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

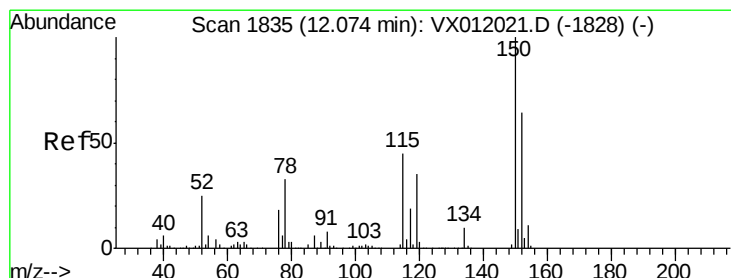
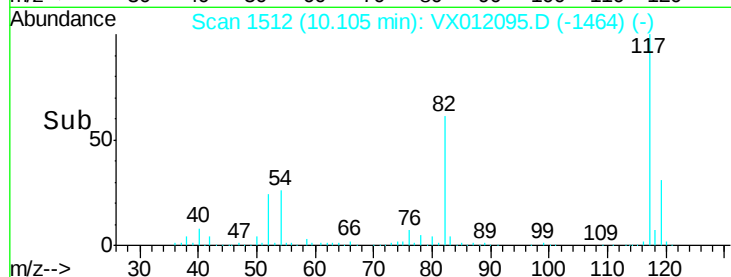
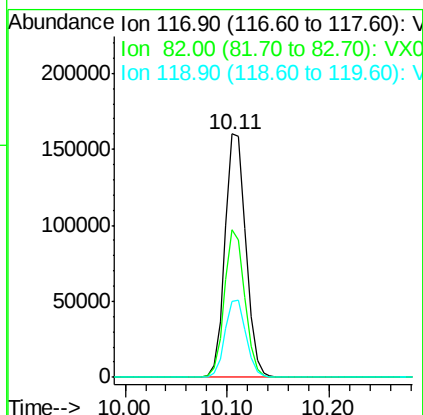
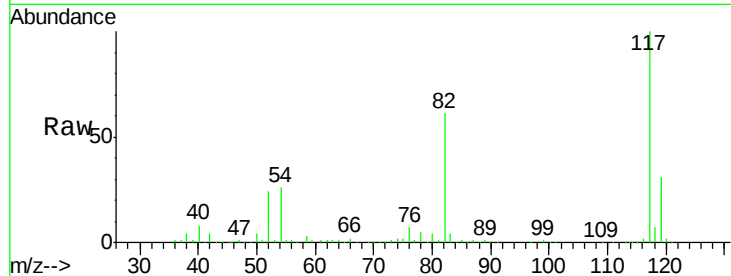




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012095.D
Acq: 05 Sep 2019 12:32

Instrument :
MSVOA_X
ClientSampled :
SB-1

Tot Ion:117 Resp: 226702
Ion Ratio Lower Upper
117 100
82 60.8 39.4 59.0#
119 31.3 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: VX012095.D
Acq: 05 Sep 2019 12:32

Tgt Ion:152 Resp: 97562
Ion Ratio Lower Upper
152 100
115 66.9 36.4 109.3
150 156.1 0.0 341.2

