

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012093.D
 Acq On : 05 Sep 2019 11:32
 Operator : SY/SP
 Sample : VX0905SBL01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBL01

Quant Time: Sep 06 05:55:33 2019
 Quant Method : Z:\V0ASRV\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	154074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	265756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	225787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99855	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	84793	39.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.78%	
35) Dibromofluoromethane	5.48	113	74886	45.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.64%	
50) Toluene-d8	8.71	98	312586	52.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.14	95	119003	42.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.34%	

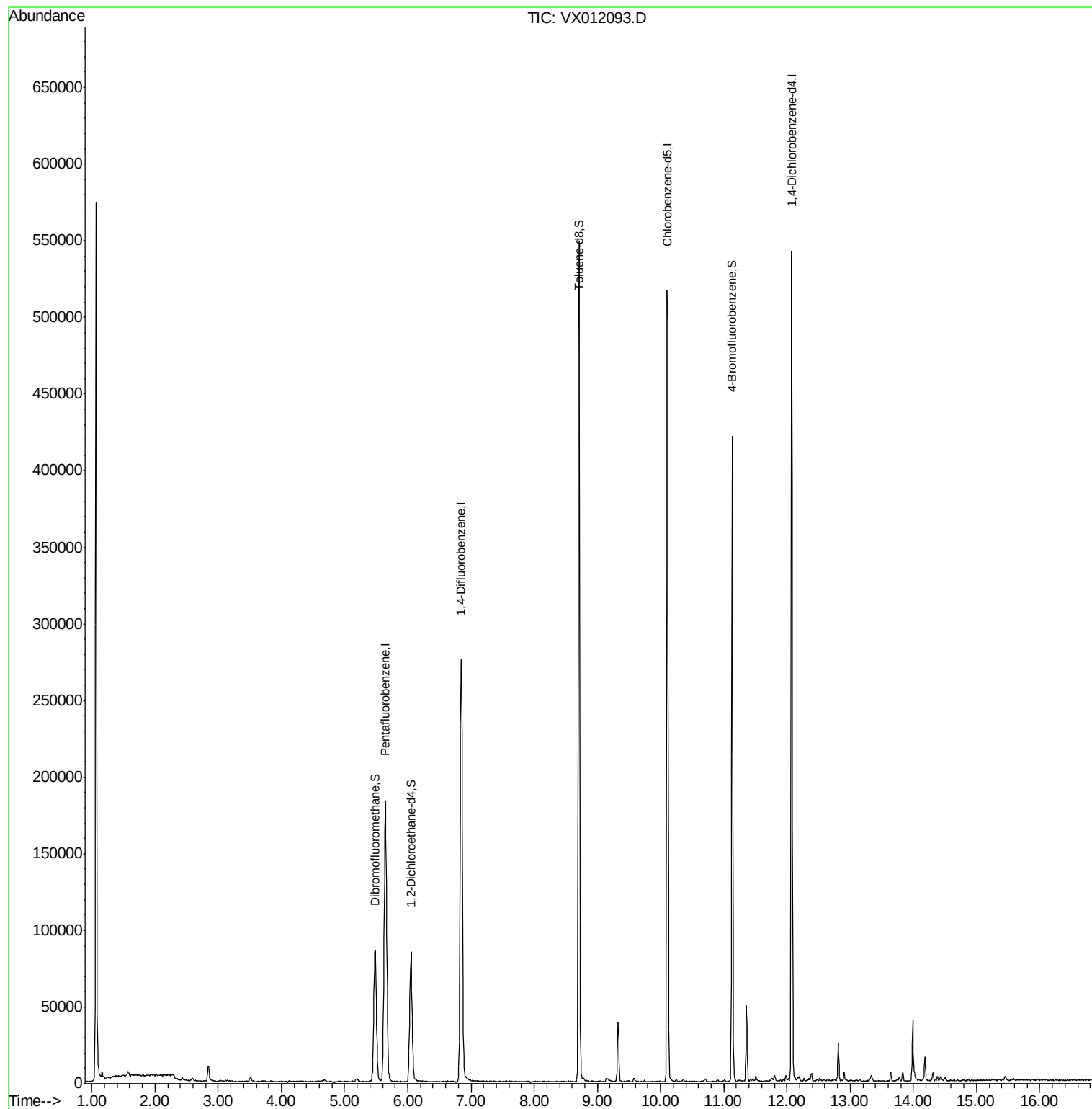
Target Compounds	Qvalue
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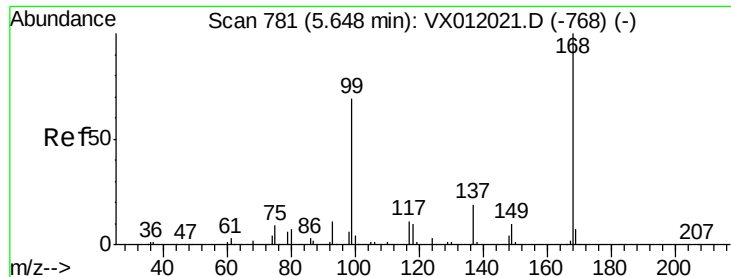
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012093.D

Acq: 05 Sep 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

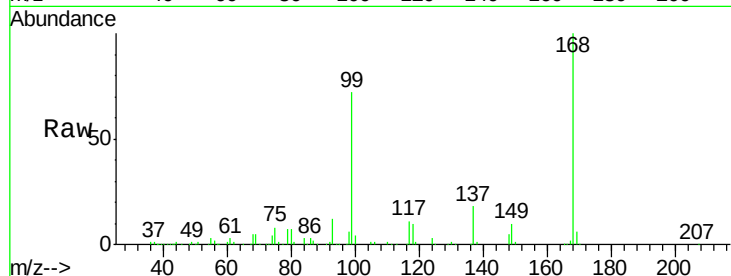
VX0905SBL01

Tot Ion:168 Resp: 154074

Ion Ratio Lower Upper

168 100

99 71.6 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

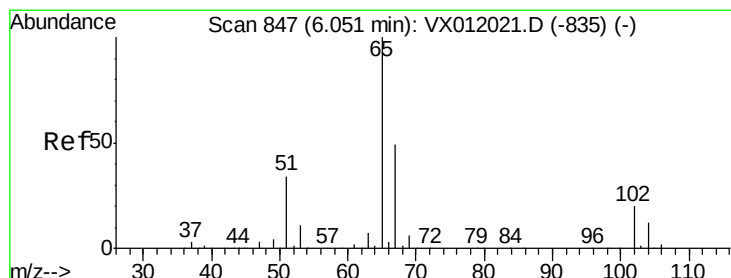
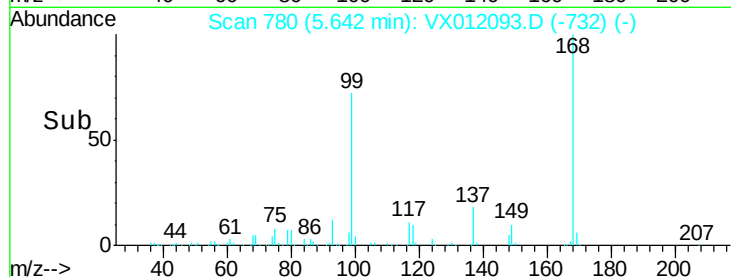
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 39.885 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012093.D

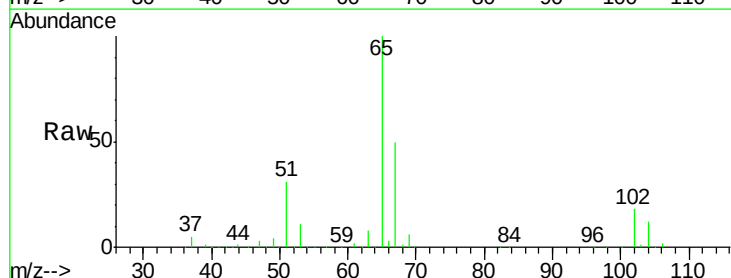
Acq: 05 Sep 2019 11:32

Tgt Ion: 65 Resp: 84793

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

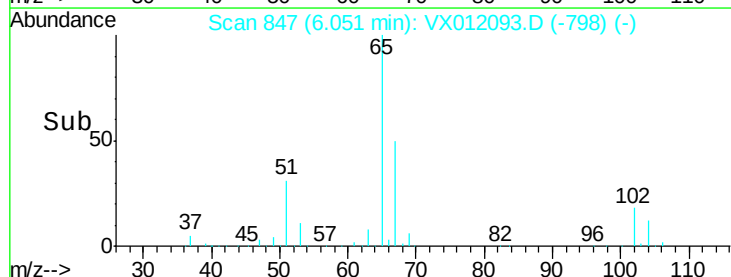
30000

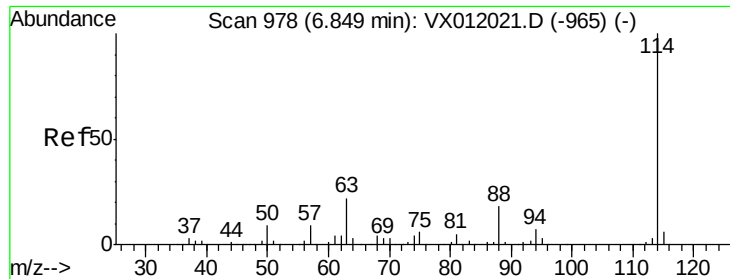
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012093.D

Acq: 05 Sep 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBL01

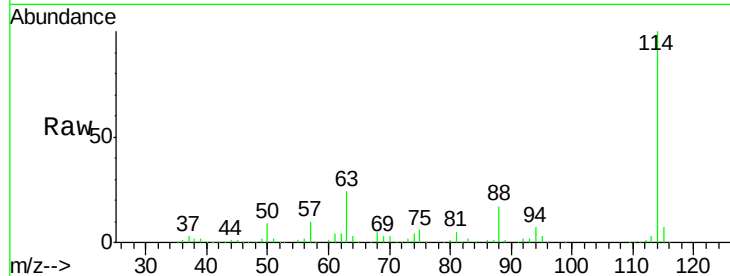
Tot Ion:114 Resp: 265756

Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.4

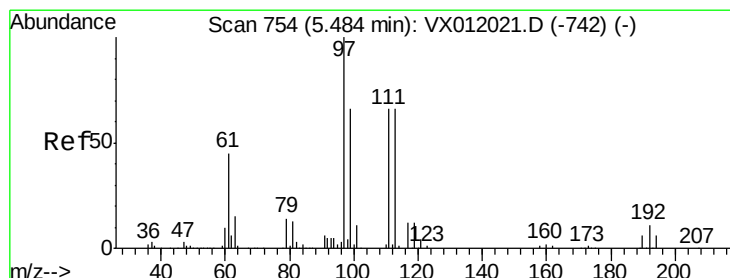
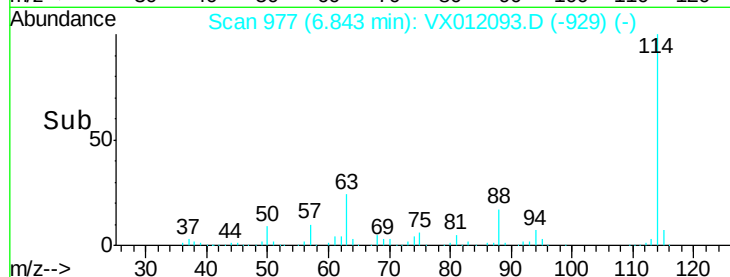
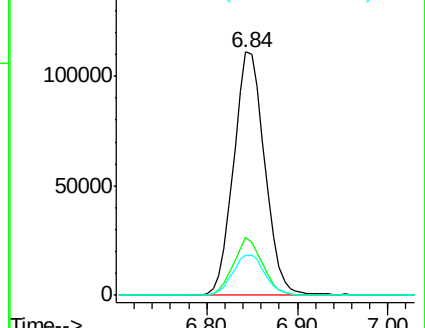
88 16.6 0.0 29.6



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: 45.821 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012093.D

Acq: 05 Sep 2019 11:32

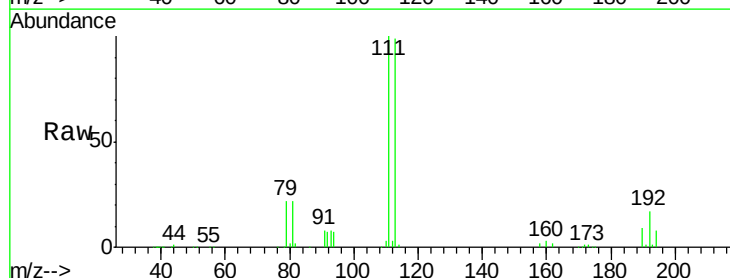
Tgt Ion:113 Resp: 74886

Ion Ratio Lower Upper

113 100

111 102.6 81.7 122.5

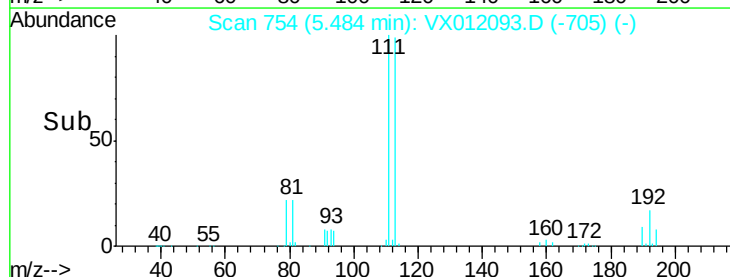
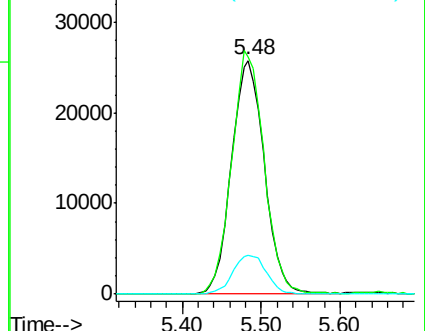
192 17.1 22.5 33.7#

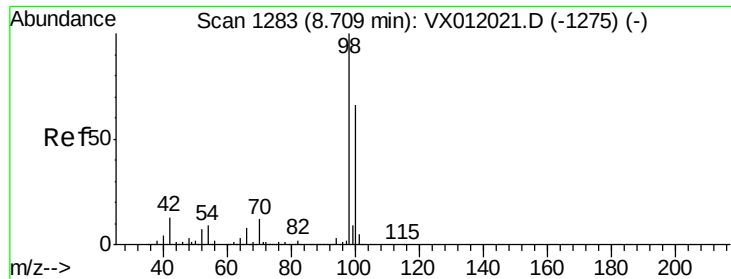


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

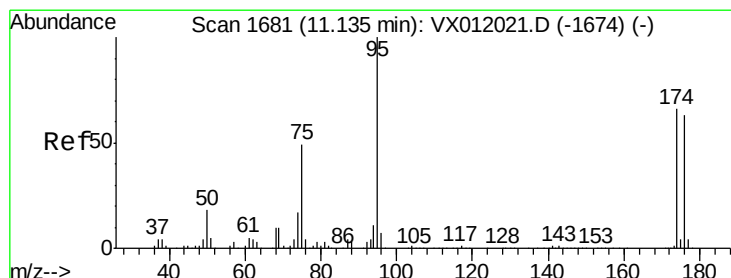
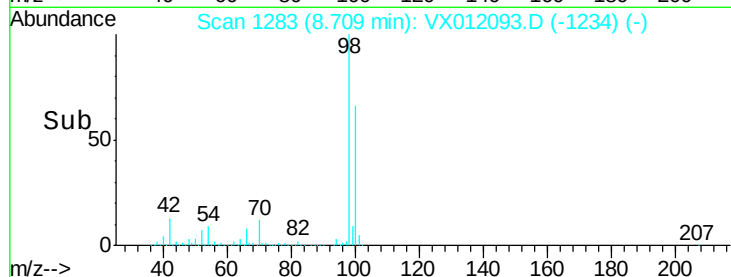
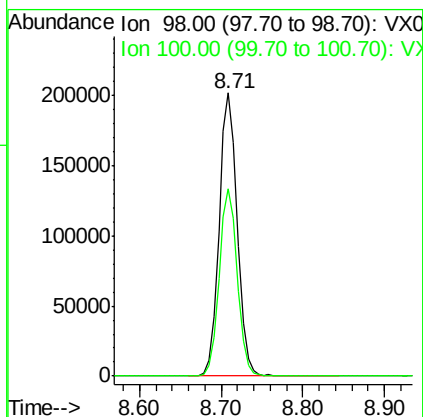
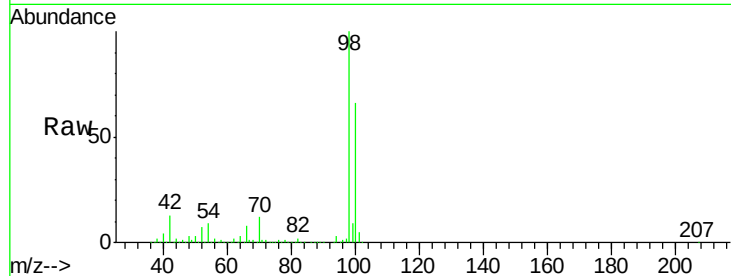




#50
Toluene-d8
Concen: 52.122 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012093.D
Acq: 05 Sep 2019 11:32

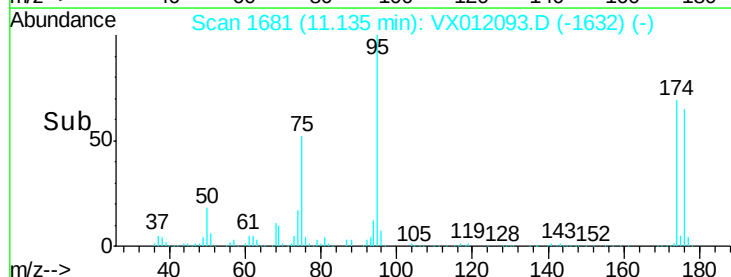
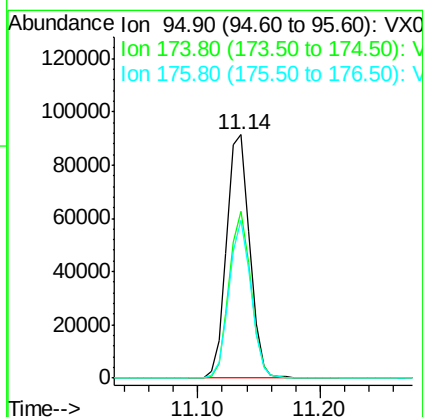
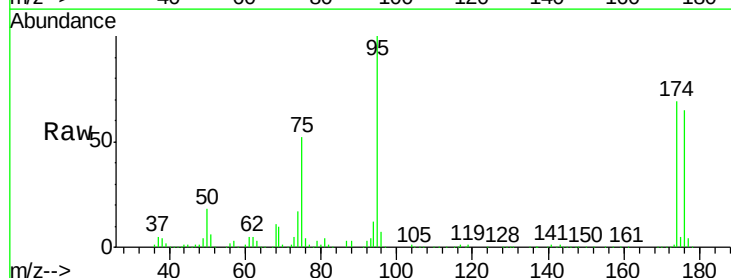
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBL01

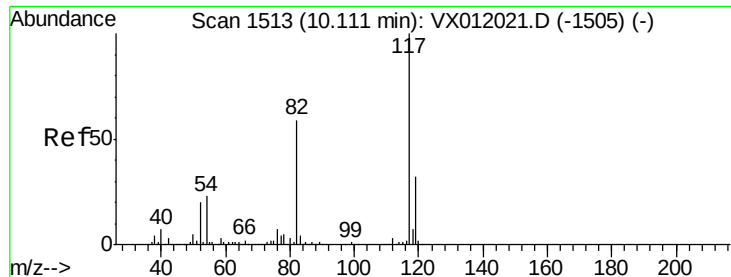
Tot Ion: 98 Resp: 312586
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 42.668 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012093.D
Acq: 05 Sep 2019 11:32

Tgt Ion: 95 Resp: 119003
Ion Ratio Lower Upper
95 100
174 65.1 0.0 205.4
176 61.4 0.0 201.8

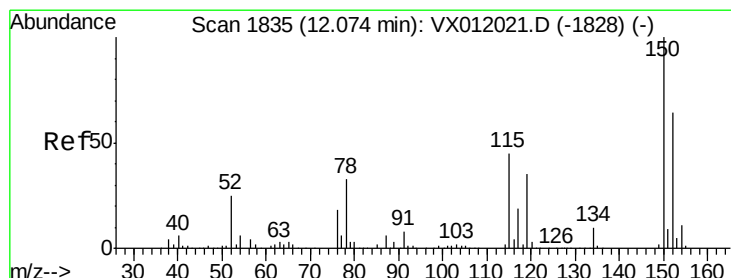
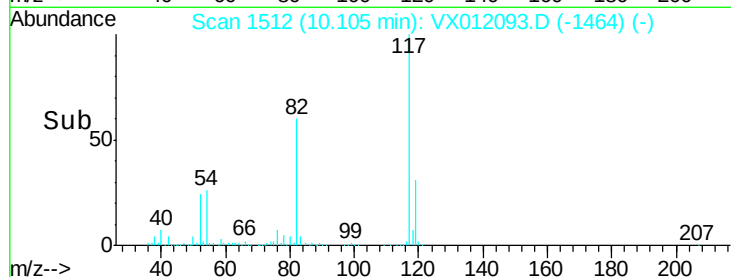
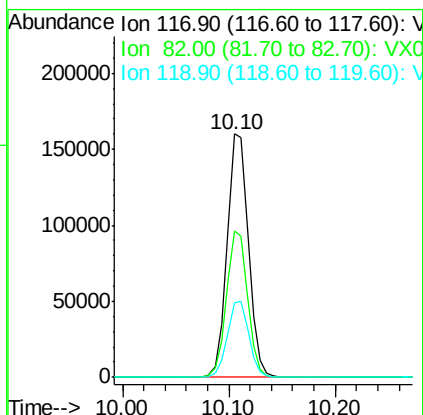
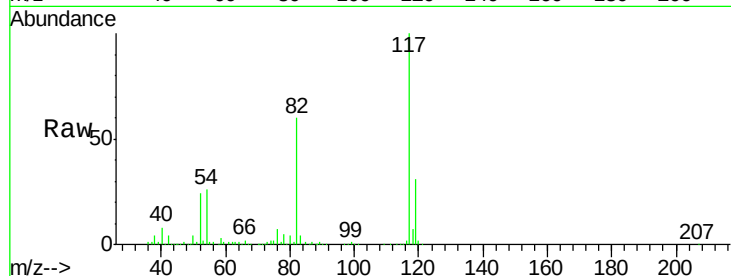




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012093.D
Acq: 05 Sep 2019 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBL01

Tot Ion:117 Resp: 225787
Ion Ratio Lower Upper
117 100
82 60.2 39.4 59.0#
119 30.8 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: VX012093.D
Acq: 05 Sep 2019 11:32

Tgt Ion:152 Resp: 99855
Ion Ratio Lower Upper
152 100
115 67.5 36.4 109.3
150 158.8 0.0 341.2

