

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008193.D
 Acq On : 19 Mar 2019 16:25
 Operator : JC/SP
 Sample : K1860-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20190311

Quant Time: Mar 20 07:45:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	352081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	567886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	472090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185096	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	240545	45.36	ug/l	0.00
Spiked Amount						
			Recovery	=	90.72%	
35) Dibromofluoromethane	5.50	113	178381	46.92	ug/l	0.00
Spiked Amount						
			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	697098	48.36	ug/l	0.00
Spiked Amount						
			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	220963	44.52	ug/l	0.00
Spiked Amount						
			Recovery	=	89.04%	

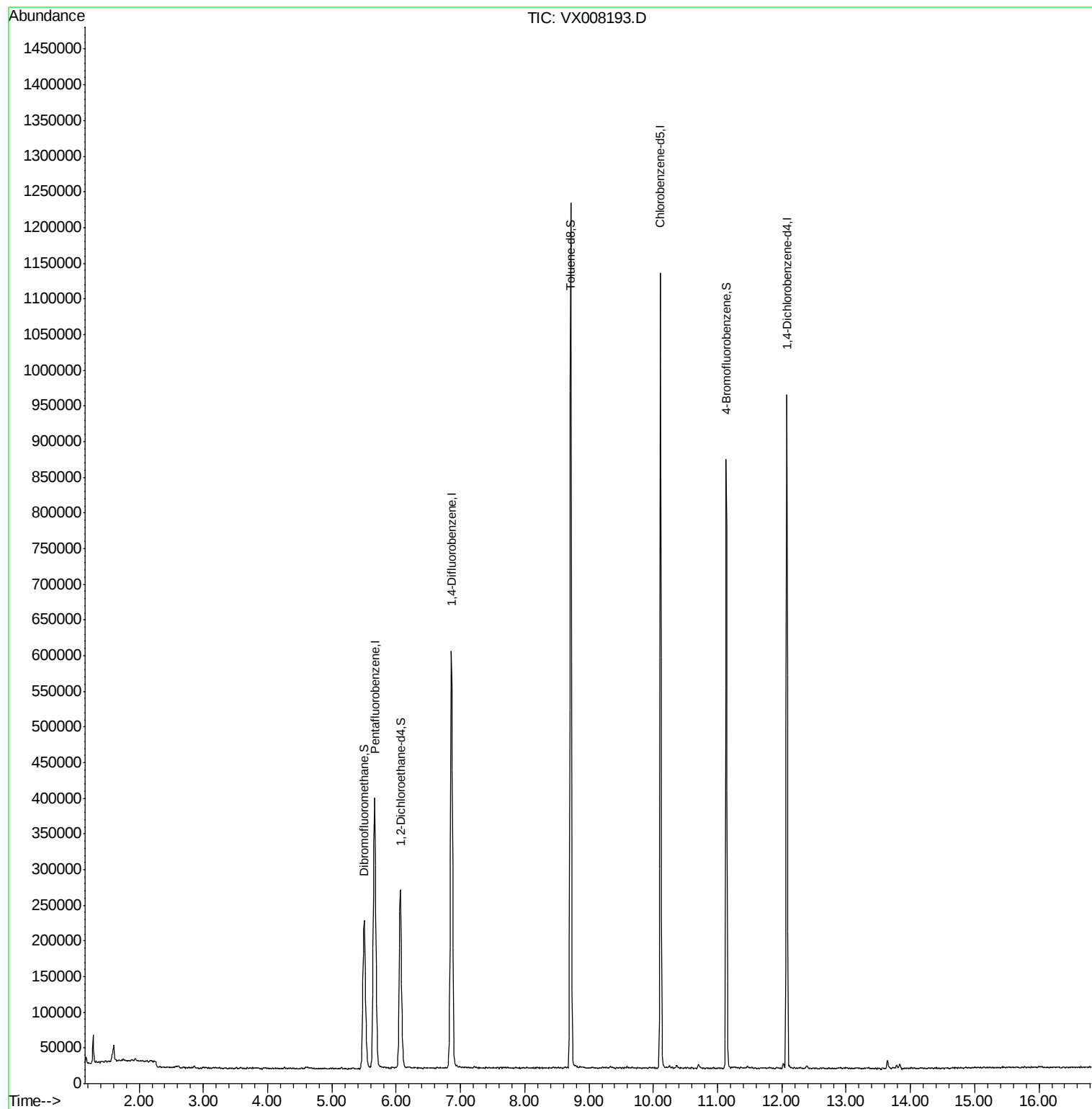
Target Compounds	Qvalue

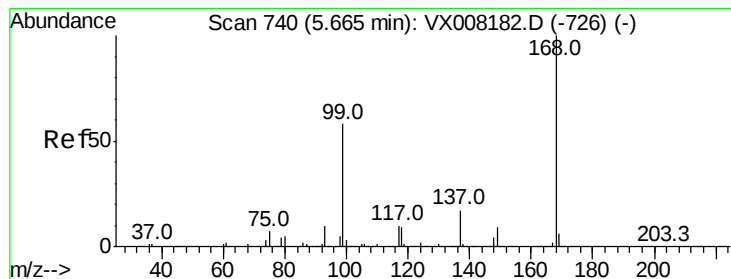
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008193.D

Acq: 19 Mar 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

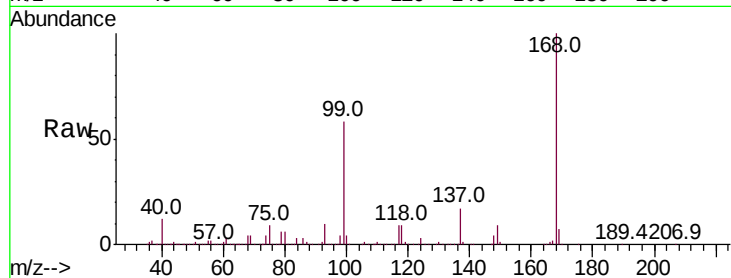
TB01-20190311

Tot Ion:168 Resp: 352081

Ion Ratio Lower Upper

168 100

99 57.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

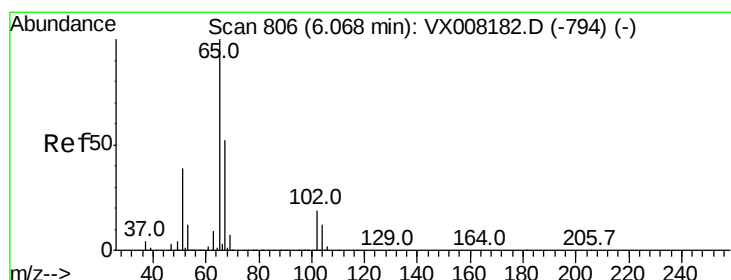
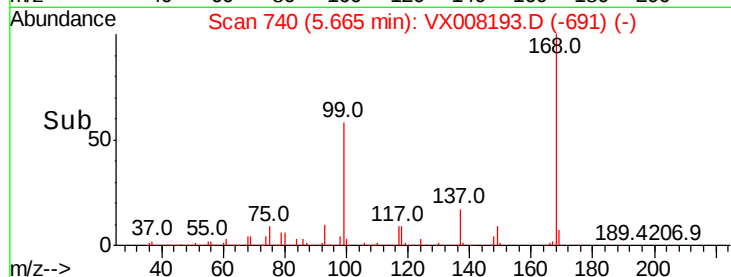
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.363 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008193.D

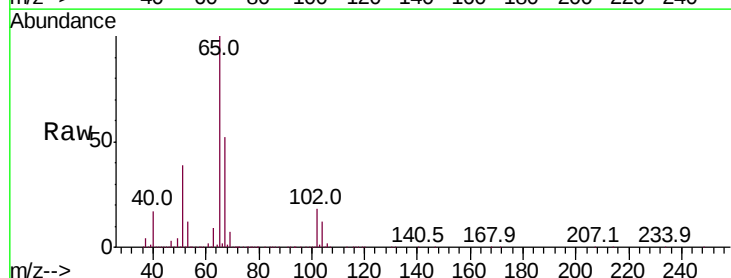
Acq: 19 Mar 2019 16:25

Tgt Ion: 65 Resp: 240545

Ion Ratio Lower Upper

65 100

67 53.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

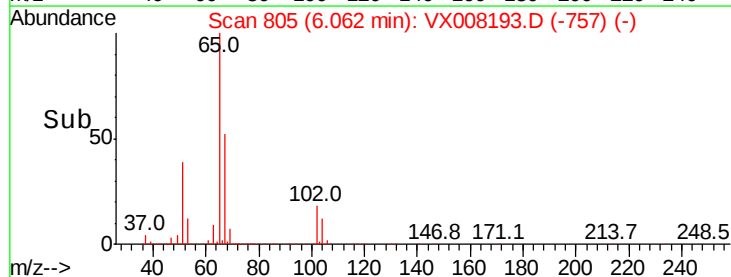
60000

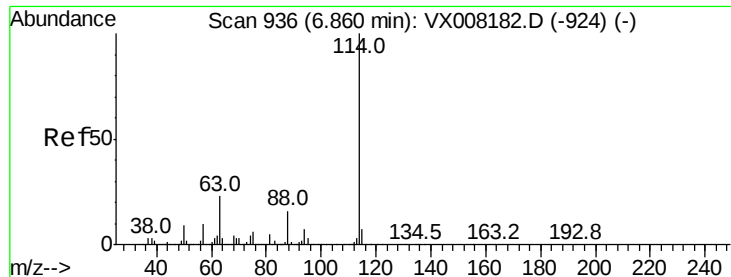
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008193.D

Acq: 19 Mar 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

TB01-20190311

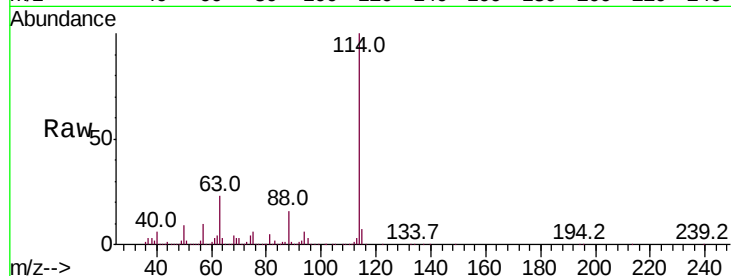
Tot Ion:114 Resp: 567886

Ion Ratio Lower Upper

114 100

63 23.3 0.0 39.8

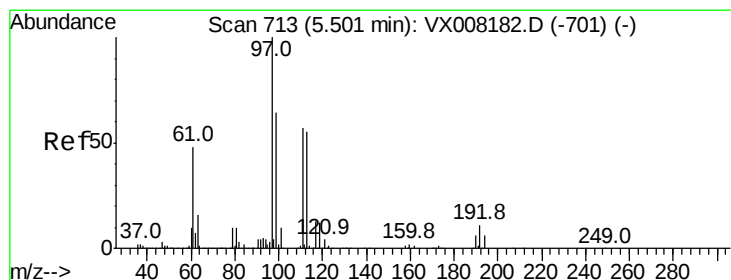
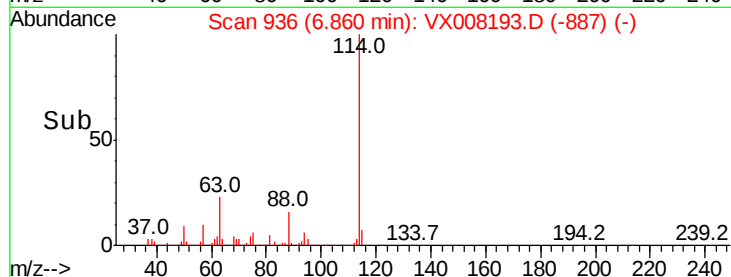
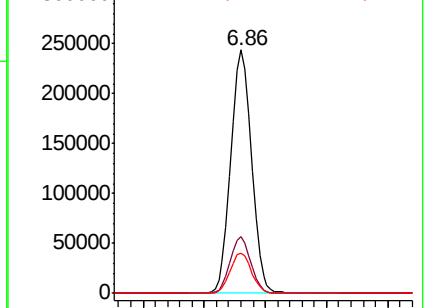
88 16.2 0.0 31.4



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: 46.922 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008193.D

Acq: 19 Mar 2019 16:25

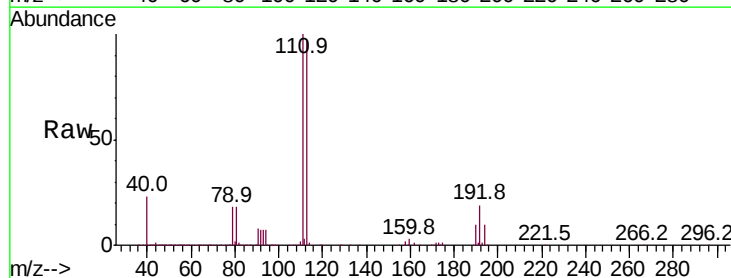
Tgt Ion:113 Resp: 178381

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

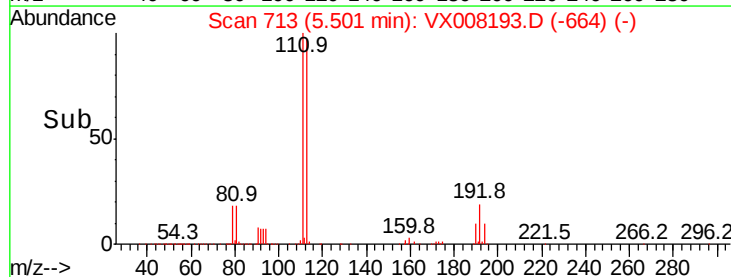
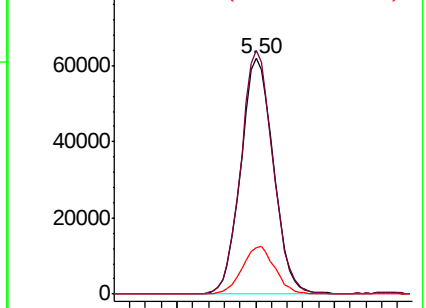
192 20.2 19.4 29.0

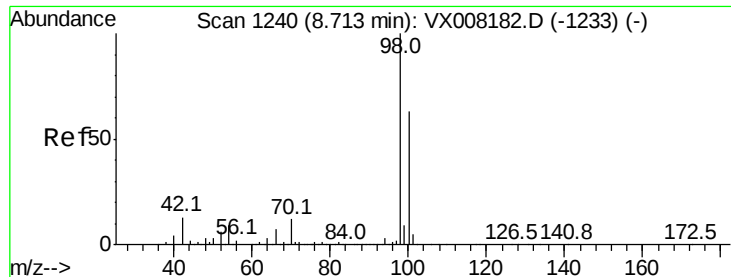


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

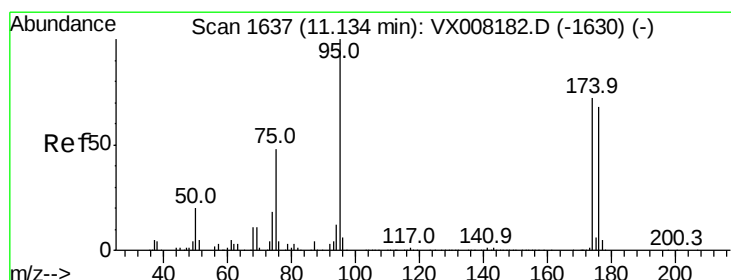
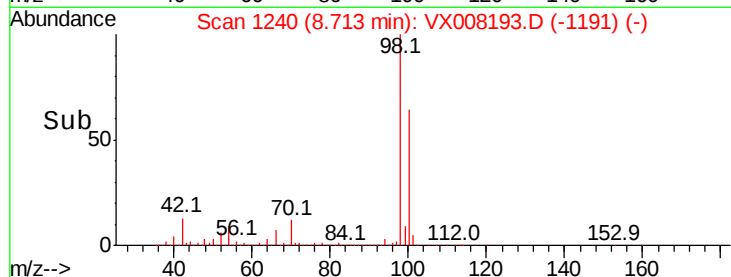
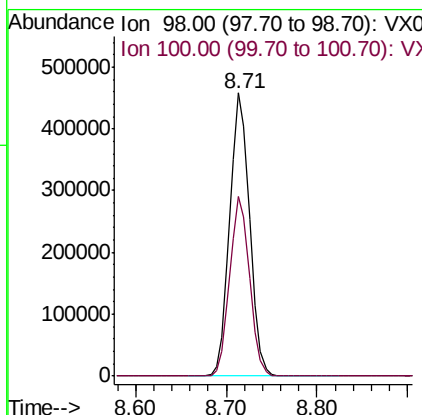
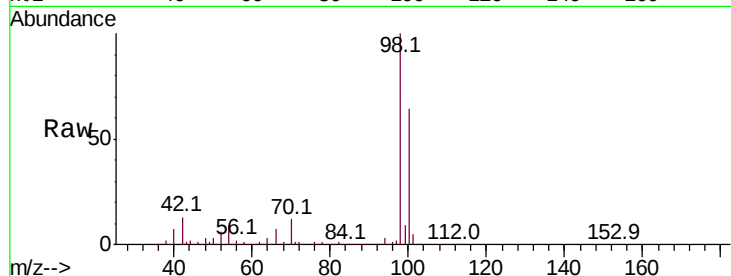




#50
Toluene-d8
Concen: 48.365 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008193.D
Acq: 19 Mar 2019 16:25

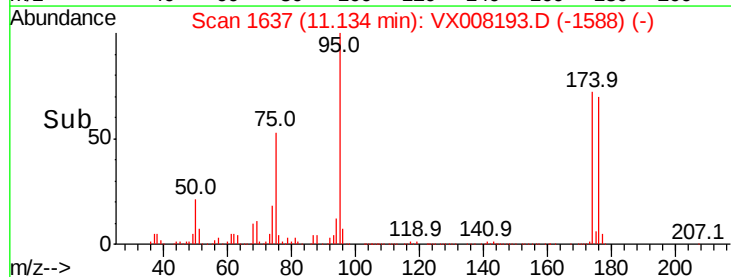
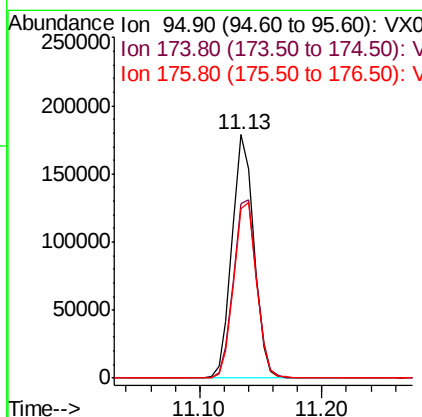
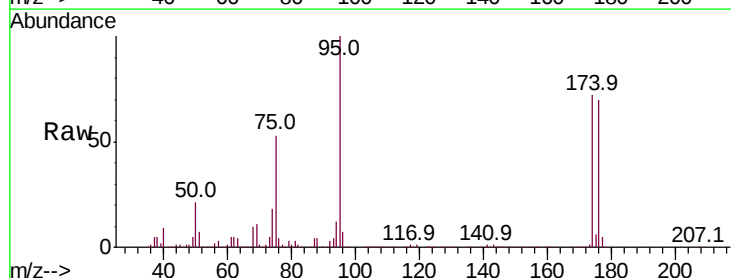
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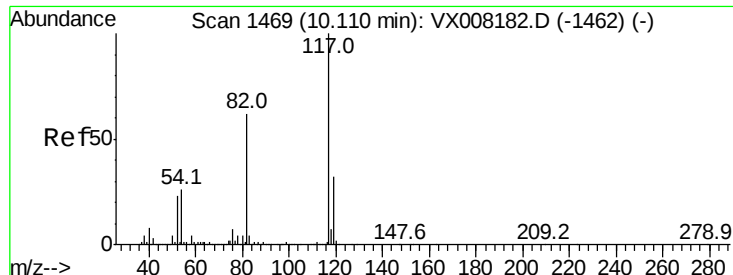
Tot Ion: 98 Resp: 697098
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.524 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008193.D
Acq: 19 Mar 2019 16:25

Tgt Ion: 95 Resp: 220963
Ion Ratio Lower Upper
95 100
174 77.2 0.0 182.8
176 75.0 0.0 178.0

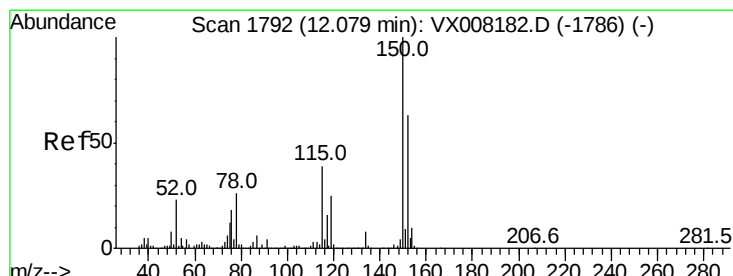
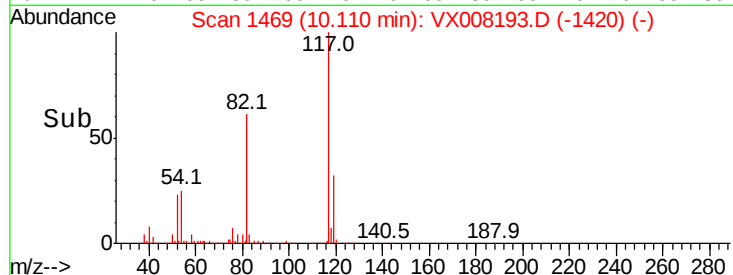
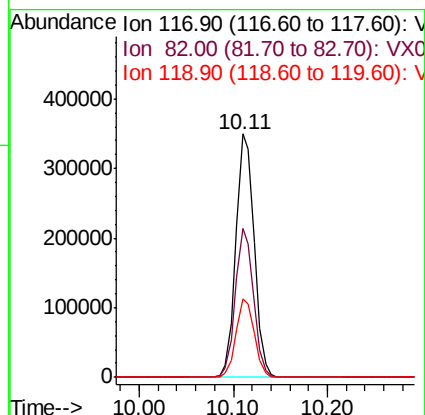
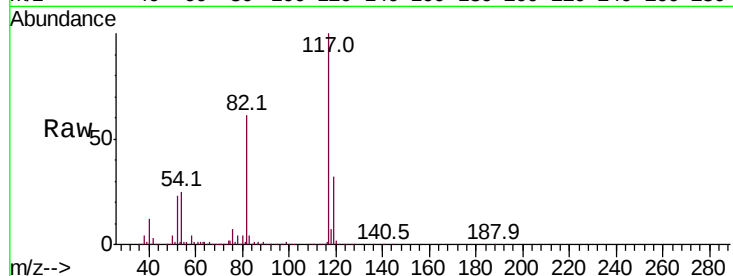




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008193.D
Acq: 19 Mar 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
TB01-20190311

Tot Ion:117 Resp: 472090
Ion Ratio Lower Upper
117 100
82 60.9 44.3 66.5
119 32.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008193.D
Acq: 19 Mar 2019 16:25

Tgt Ion:152 Resp: 185096
Ion Ratio Lower Upper
152 100
115 61.7 38.6 115.7
150 158.9 0.0 348.4

