

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019093.D
 Acq On : 23 Oct 2020 22:51
 Operator : JC/SP
 Sample : VX1023WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL02

Quant Time: Oct 26 05:48:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	268309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	463150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	440394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220202	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	161748	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.46	113	140198	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	8.70	98	569324	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.12	95	203847	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

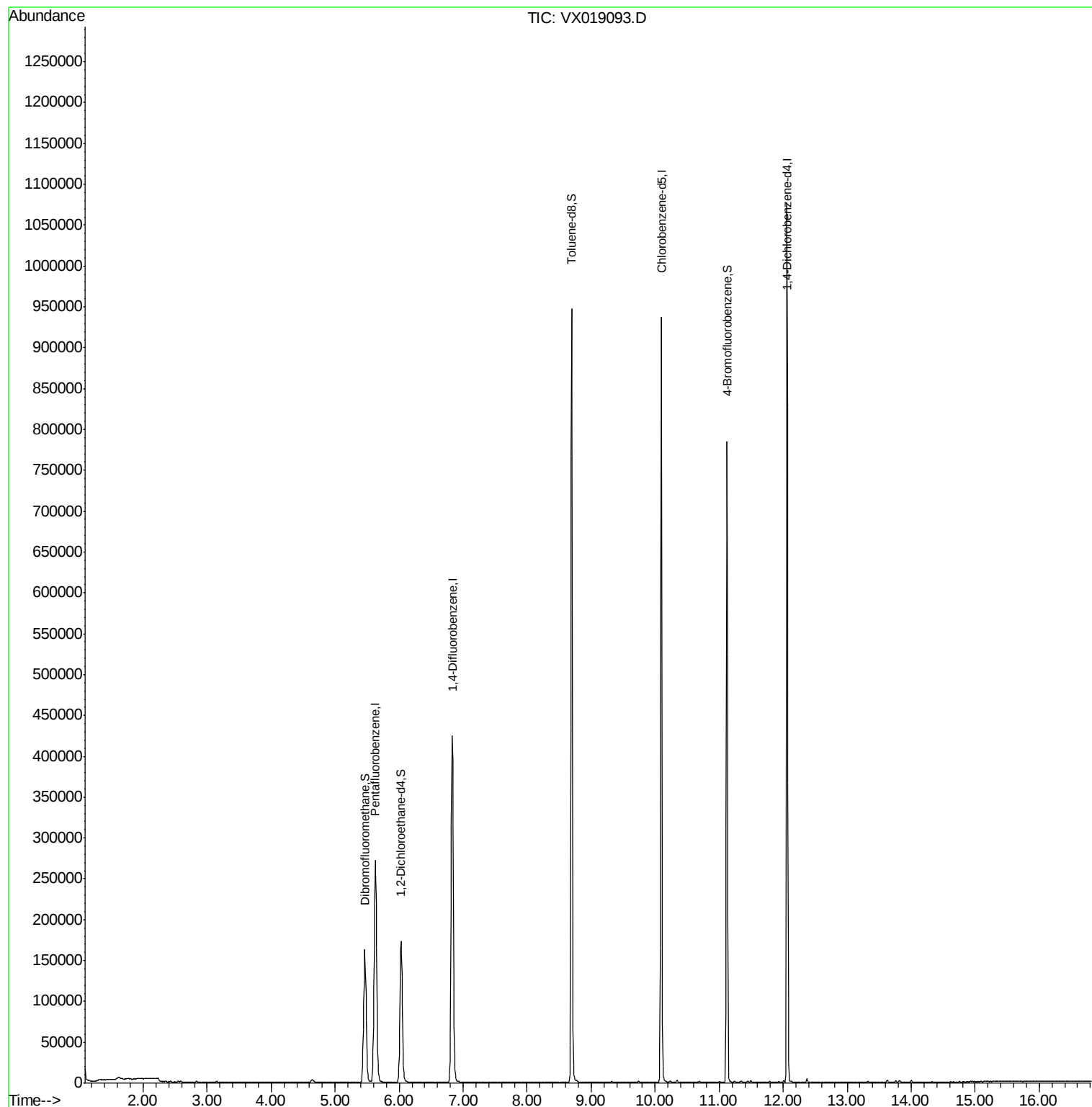
Target Compounds	Qvalue

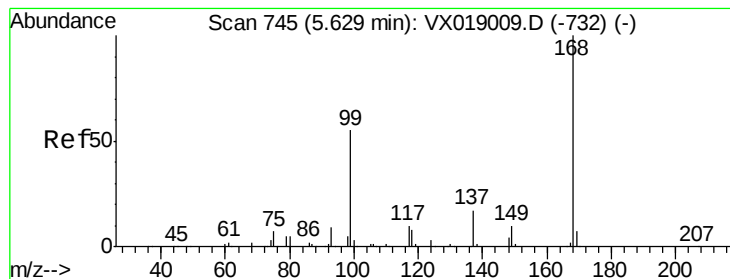
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

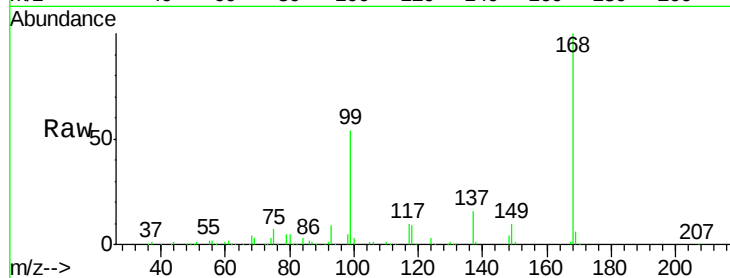
VX1023WBL02

Tot Ion:168 Resp: 268309

Ion Ratio Lower Upper

168 100

99 54.0 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

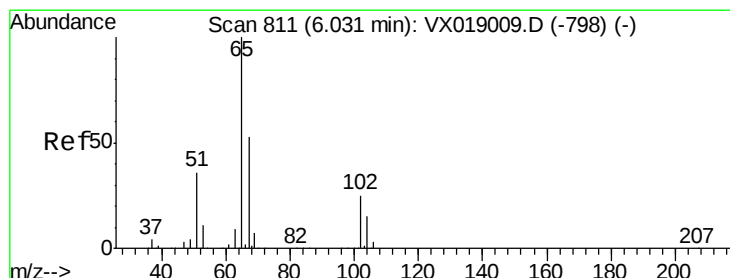
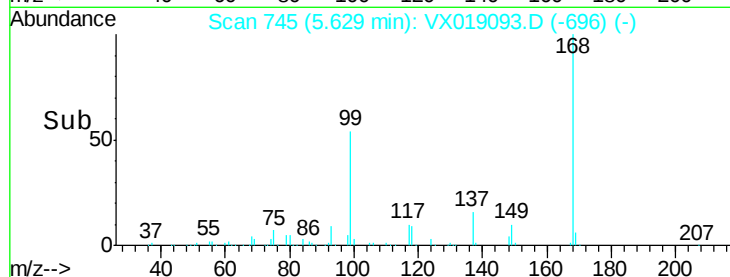
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.327 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019093.D

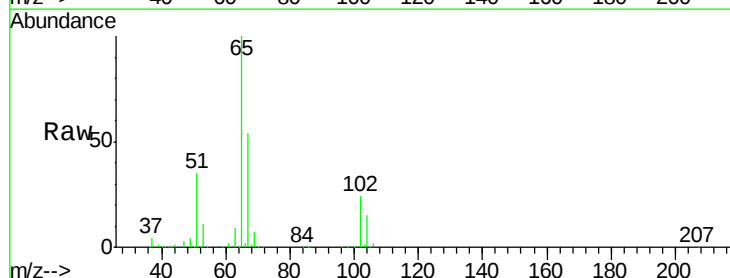
Acq: 23 Oct 2020 22:51

Tgt Ion: 65 Resp: 161748

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

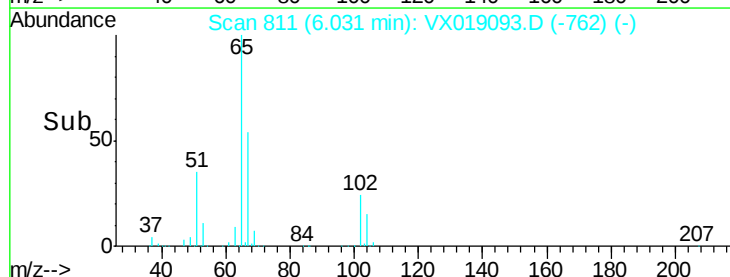
60000

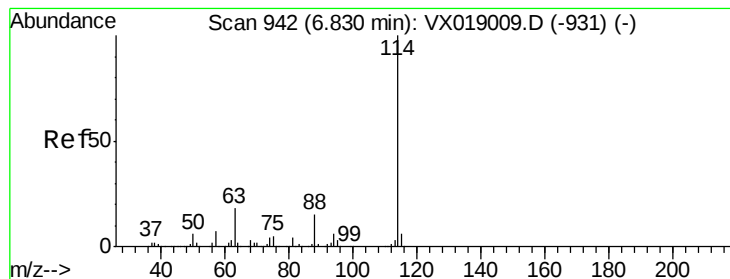
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBL02

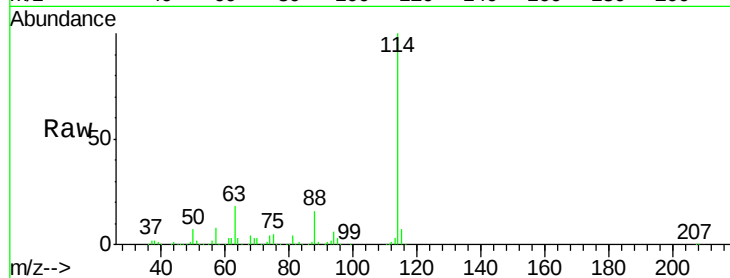
Tot Ion:114 Resp: 463150

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

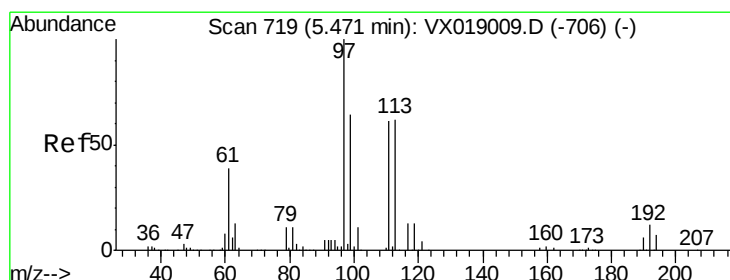
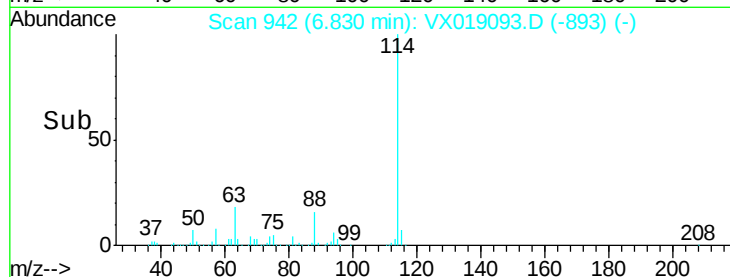
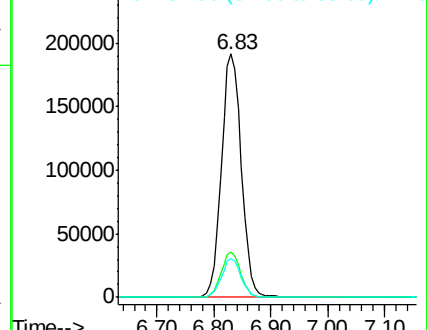
88 15.9 0.0 30.2



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: 47.811 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019093.D

Acq: 23 Oct 2020 22:51

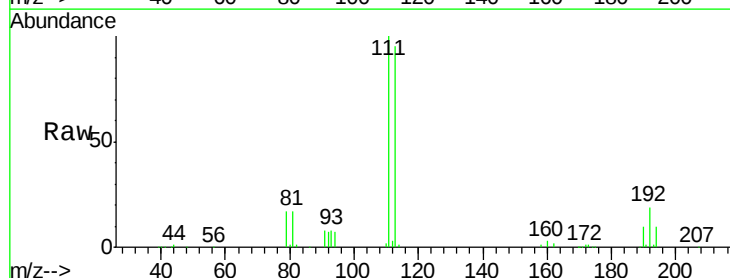
Tgt Ion:113 Resp: 140198

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

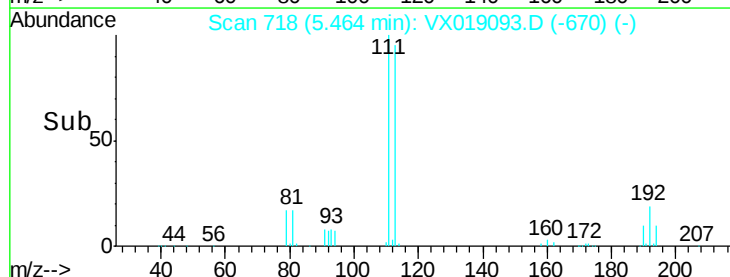
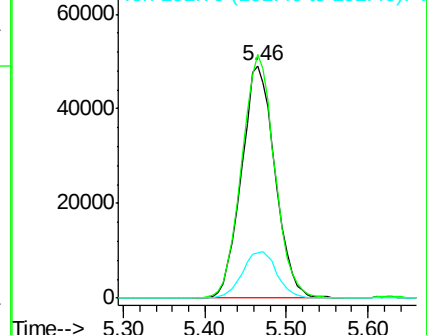
192 20.5 16.3 24.5

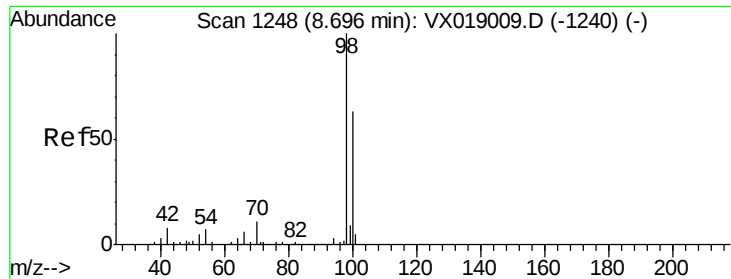


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

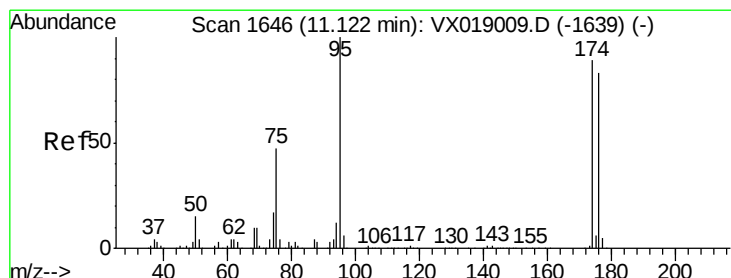
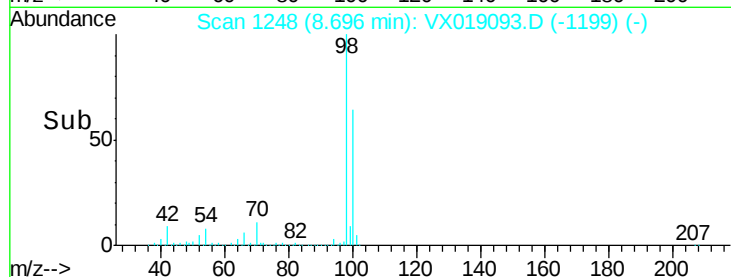
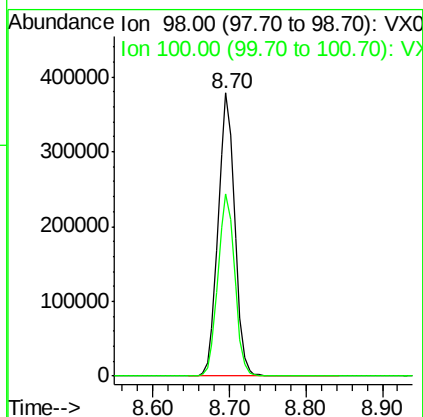
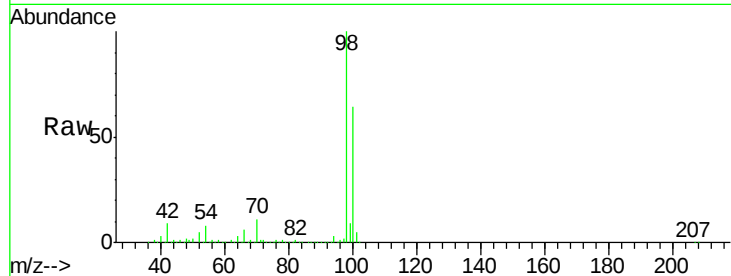




#50
Toluene-d8
Concen: 50.878 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019093.D
Acq: 23 Oct 2020 22:51

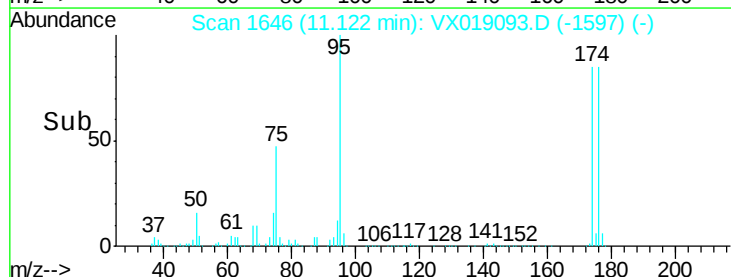
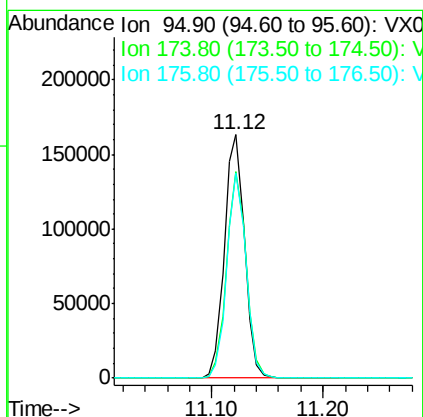
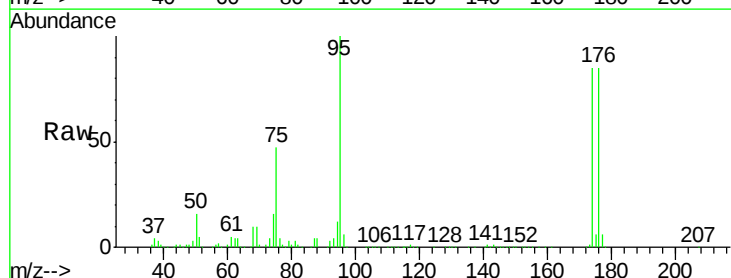
Instrument :
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VX1023WBL02

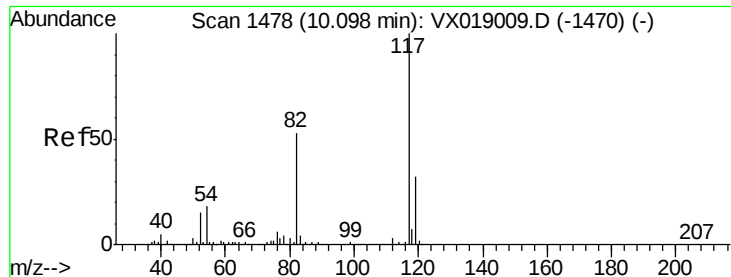
Tot Ion: 98 Resp: 569324
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.214 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019093.D
Acq: 23 Oct 2020 22:51

Tgt Ion: 95 Resp: 203847
Ion Ratio Lower Upper
95 100
174 82.5 0.0 167.6
176 80.8 0.0 165.2

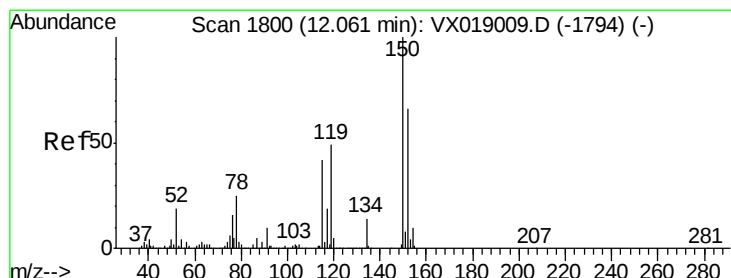
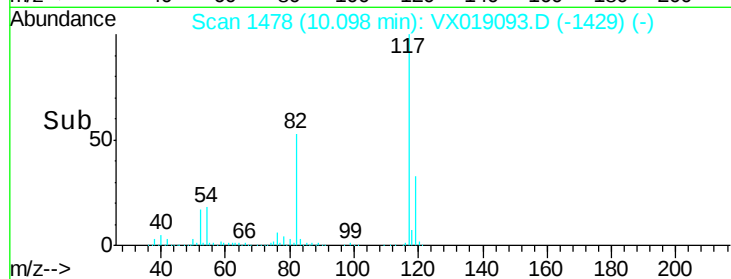
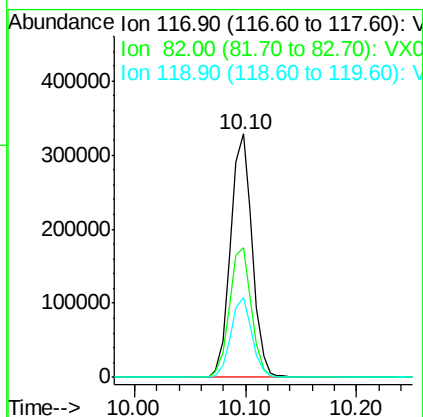
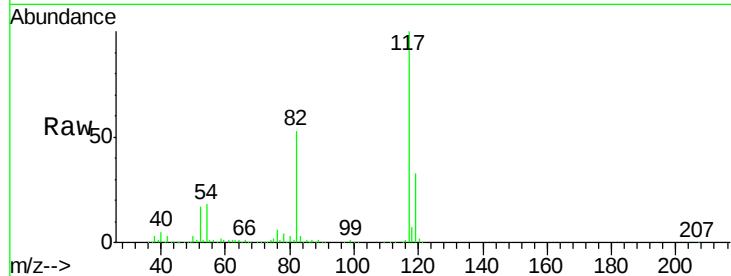




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019093.D
Acq: 23 Oct 2020 22:51

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL02

Tot Ion:117 Resp: 440394
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019093.D
Acq: 23 Oct 2020 22:51

Tgt Ion:152 Resp: 220202
Ion Ratio Lower Upper
152 100
115 58.3 40.8 122.5
150 154.5 0.0 345.6

