

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052319\
 Data File : VF062720.D
 Acq On : 23 May 2019 12:02
 Operator : FY/SY
 Sample : VF0523SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0523SBL01

Quant Time: May 24 02:24:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	769864	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1197864	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	910604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	423867	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	271993	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
35) Dibromofluoromethane	4.31	113	511948	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
50) Toluene-d8	7.71	98	1035249	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	11.49	95	394418	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	

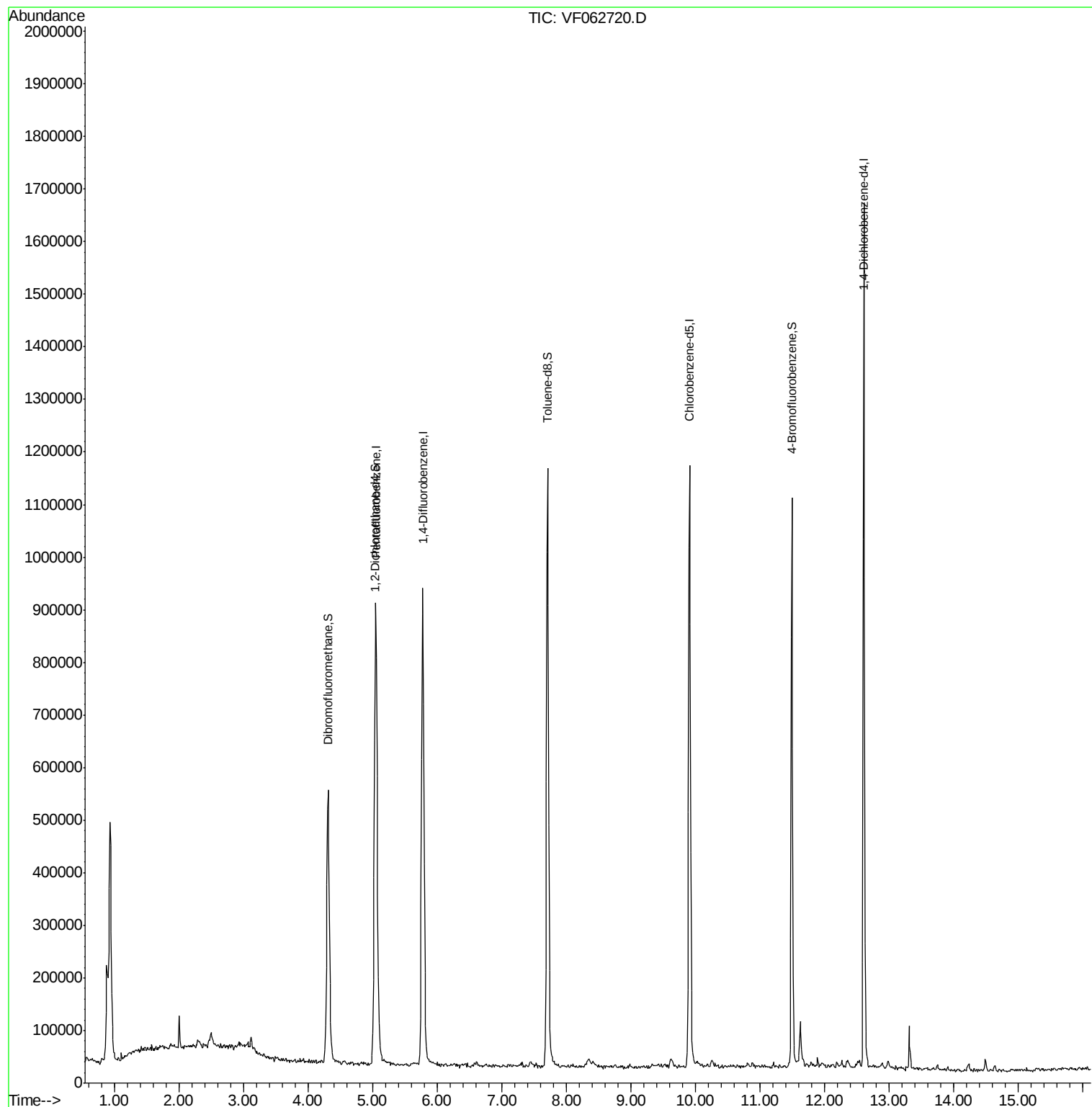
Target Compounds	Qvalue
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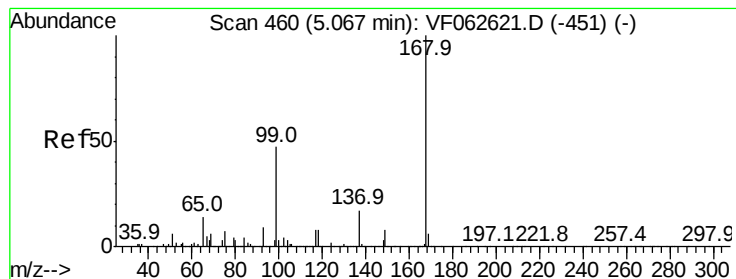
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062720.D

Acq: 23 May 2019 12:02

Instrument :

MSVOA_F

ClientSampleId :

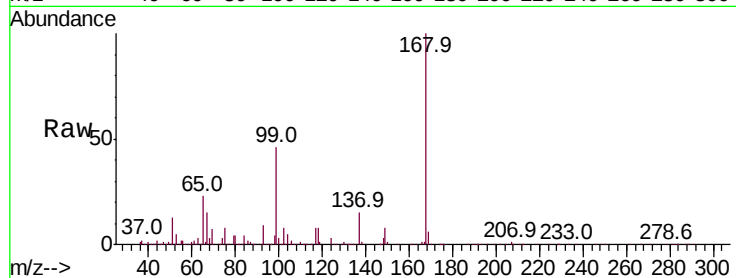
VF0523SBL01

Tot Ion:168 Resp: 769864

Ion Ratio Lower Upper

168 100

99 46.3 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

300000

250000

200000

150000

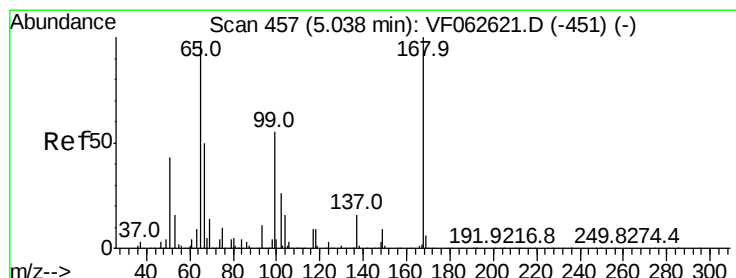
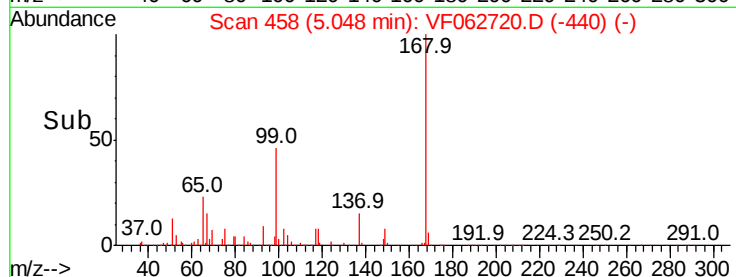
100000

50000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.997 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF062720.D

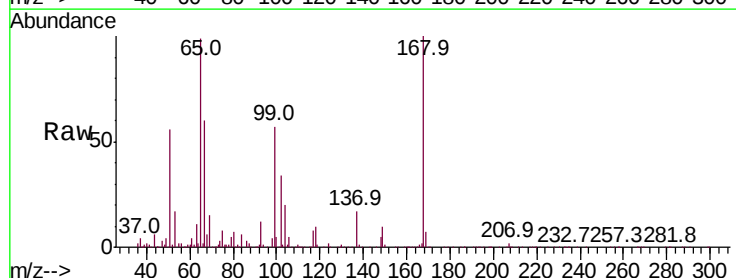
Acq: 23 May 2019 12:02

Tgt Ion: 65 Resp: 271993

Ion Ratio Lower Upper

65 100

67 61.2 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

100000

80000

60000

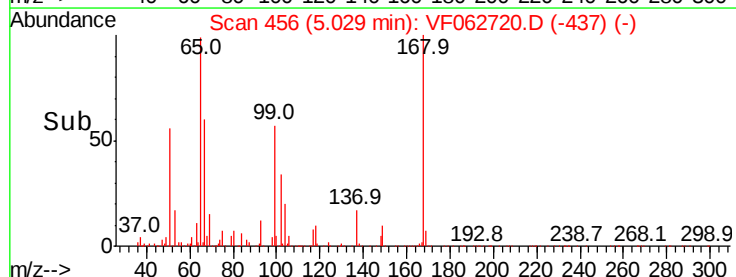
40000

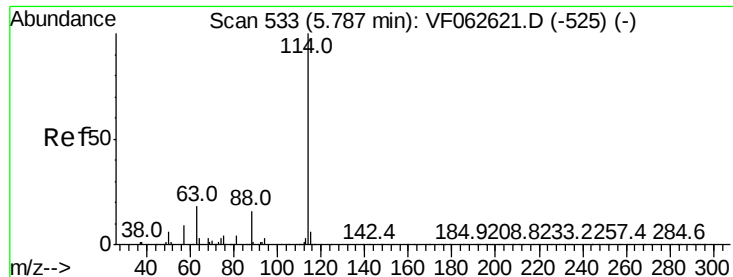
20000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF062720.D

Acq: 23 May 2019 12:02

Instrument :

MSVOA_F

ClientSampleId :

VF0523SBL01

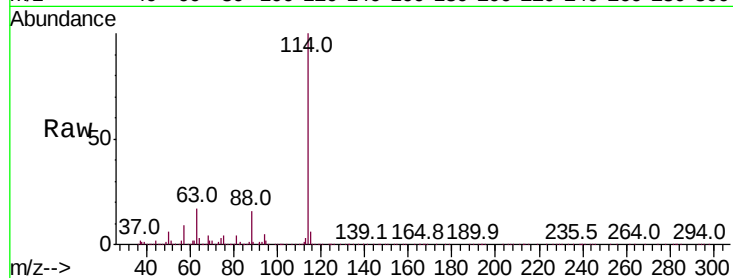
Tot Ion:114 Resp: 1197864

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.4

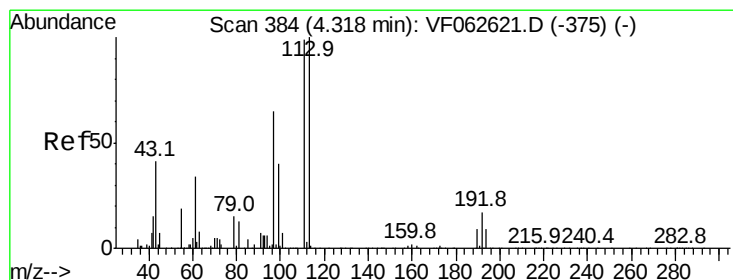
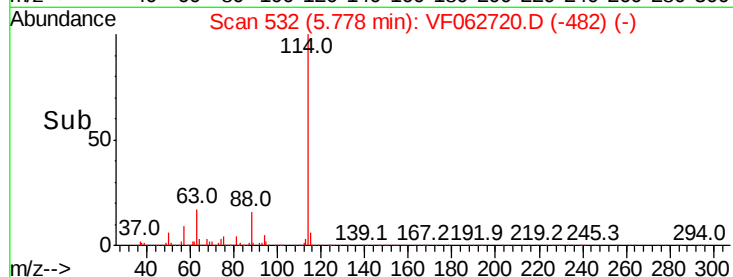
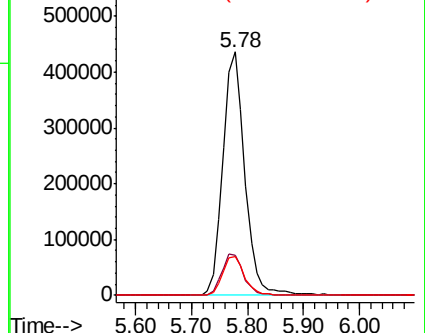
88 15.8 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 55.852 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.01 min

Lab File: VF062720.D

Acq: 23 May 2019 12:02

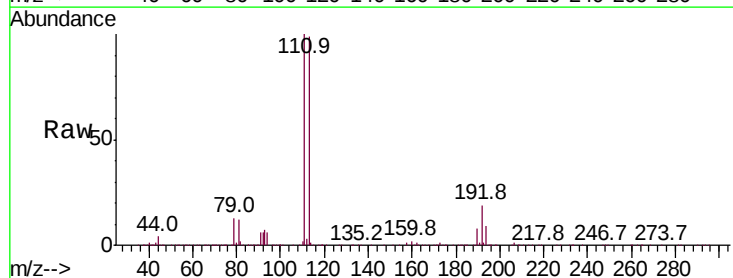
Tgt Ion:113 Resp: 511948

Ion Ratio Lower Upper

113 100

111 100.8 79.4 119.2

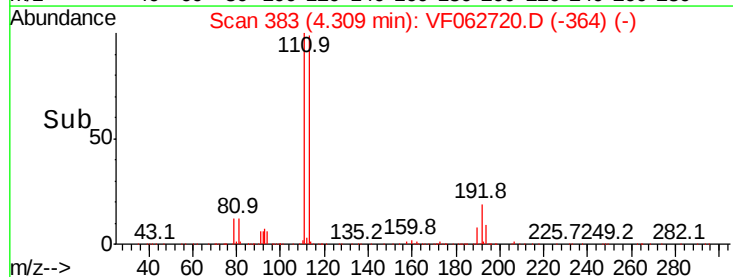
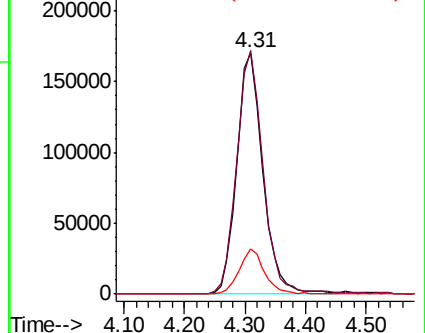
192 18.7 13.4 20.2

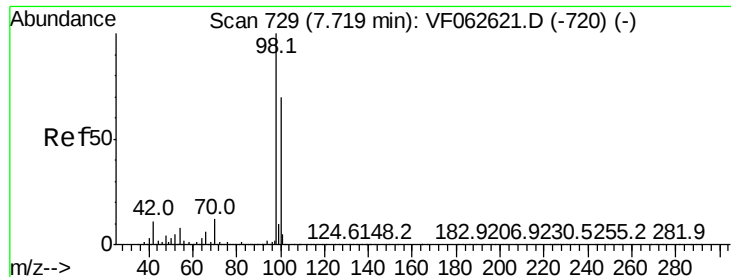


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

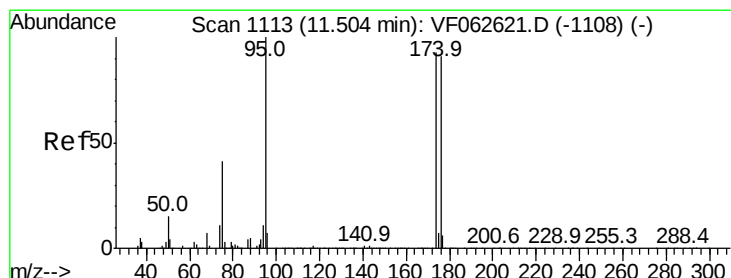
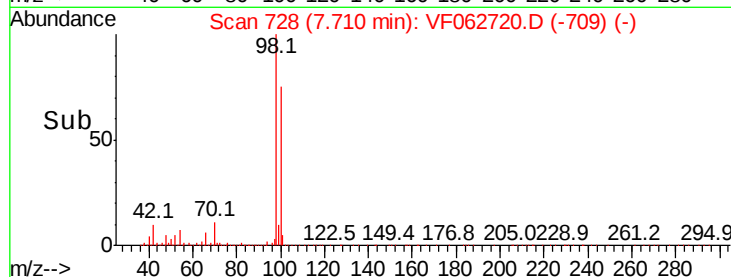
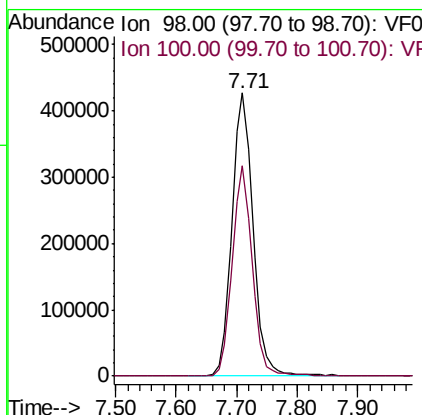
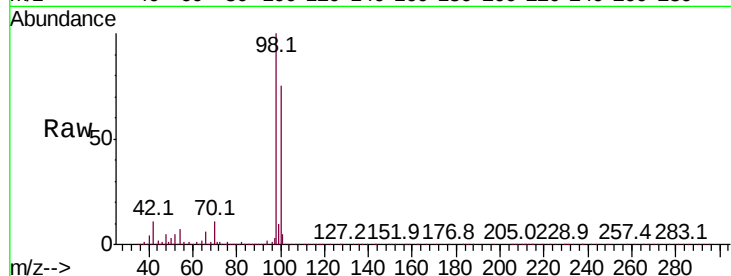




#50
Toluene-d8
Concen: 47.304 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

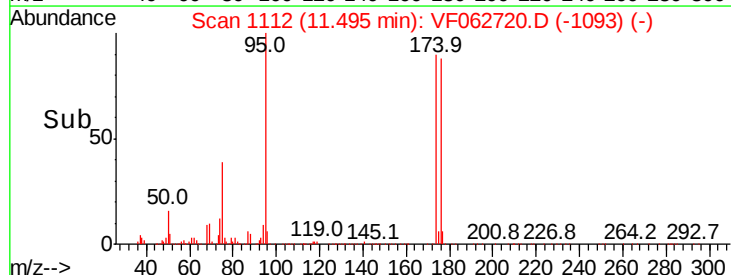
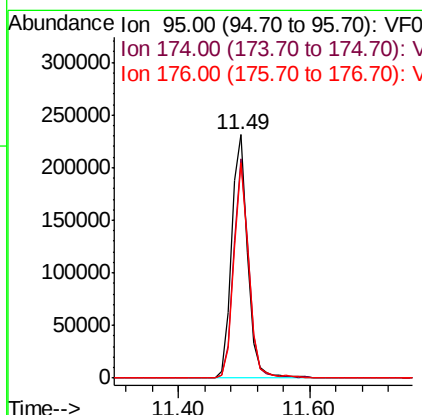
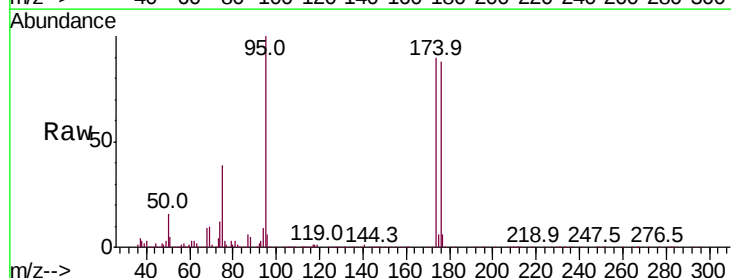
Instrument :
MSVOA_F
ClientSampleId :
VF0523SBL01

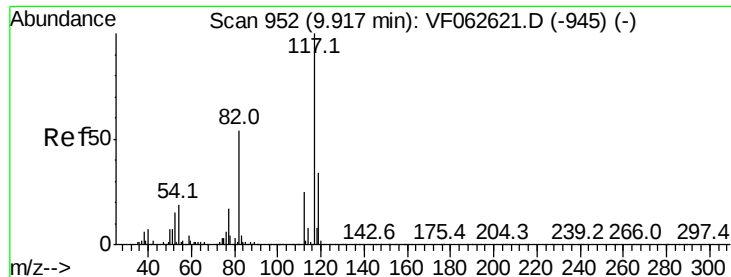
Tot Ion: 98 Resp: 1035249
Ion Ratio Lower Upper
98 100
100 74.5 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 47.518 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion: 95 Resp: 394418
Ion Ratio Lower Upper
95 100
174 89.9 0.0 185.6
176 88.3 0.0 182.4

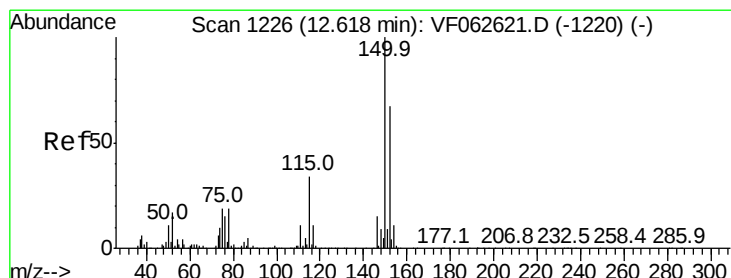
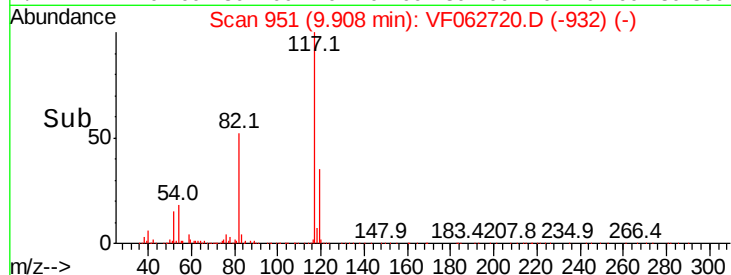
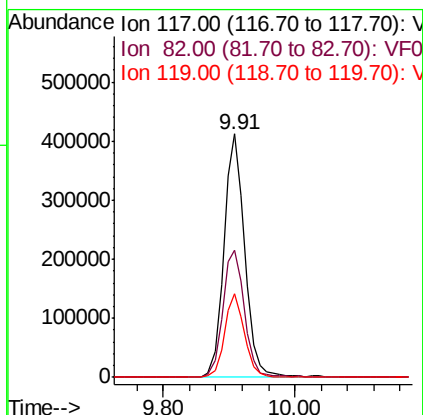
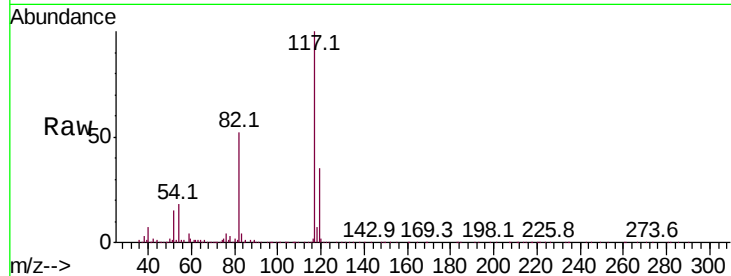




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Instrument :
MSVOA_F
ClientSampleId :
VF0523SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.3	64.9
119	34.6	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062720.D
Acq: 23 May 2019 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	25.2	75.6
150	148.5	0.0	306.2

