

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062775.D
 Acq On : 29 May 2019 11:38
 Operator : FY/SY
 Sample : VF0529SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0529SBL01

Quant Time: May 30 08:51:14 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	5.07	168	757893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1249609	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	1002920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	448248	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	247893	46.29	ug/l	0.01
Spiked Amount			Recovery	=	92.58%	
35) Dibromofluoromethane	4.32	113	458164	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
50) Toluene-d8	7.73	98	1024536	44.88	ug/l	0.01
Spiked Amount			Recovery	=	89.76%	
62) 4-Bromofluorobenzene	11.51	95	391976	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	

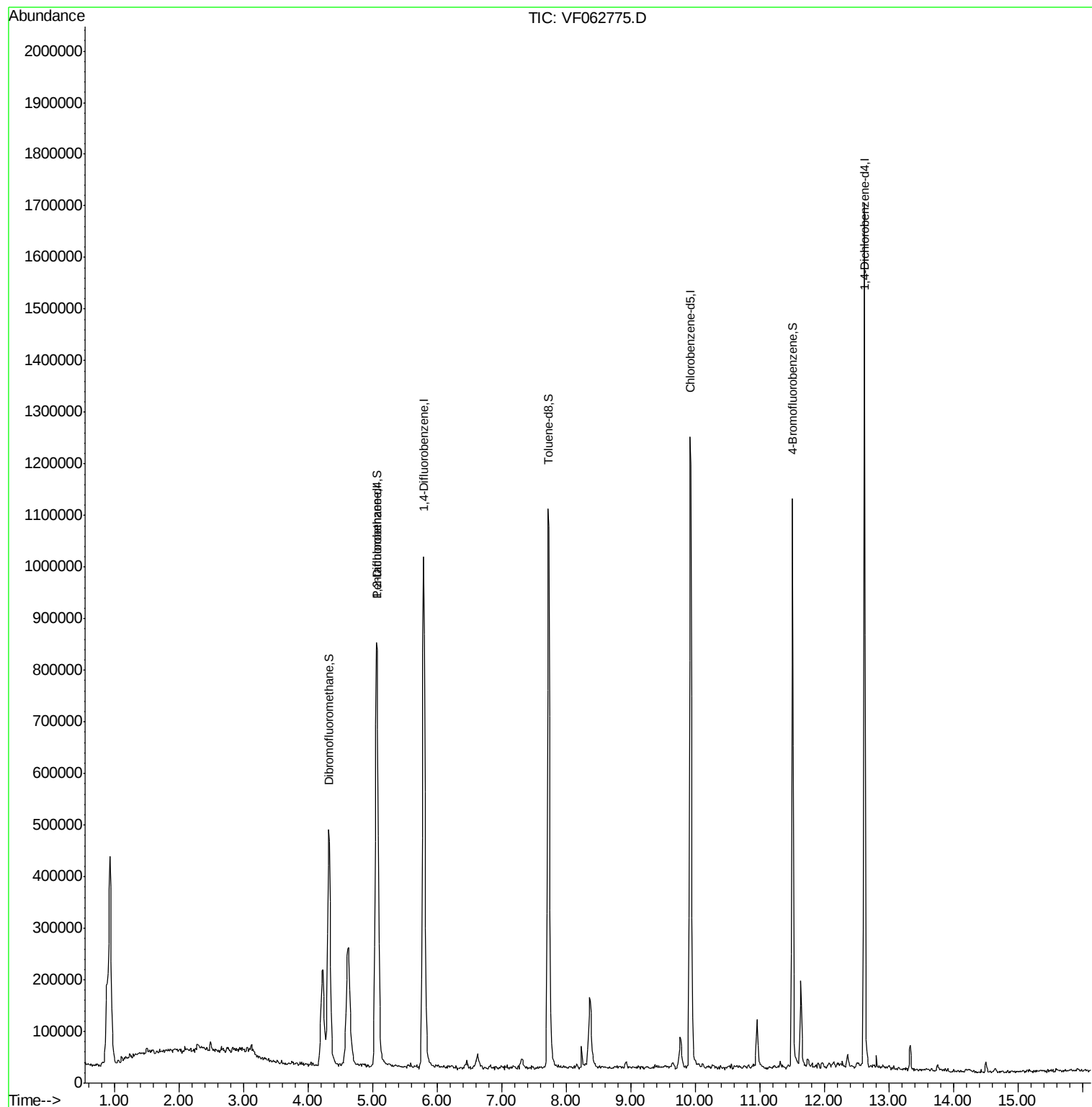
Target Compounds	Qvalue
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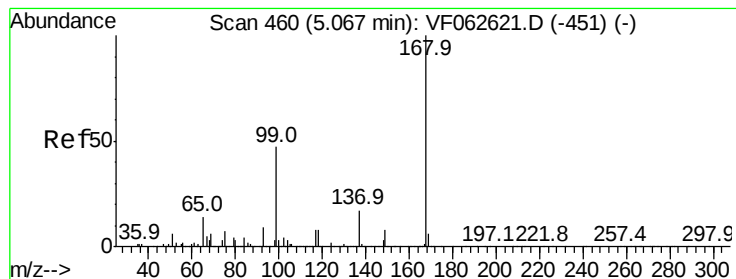
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062775.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_F

ClientSampleId :

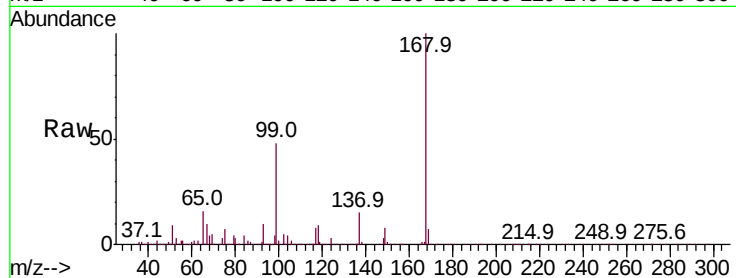
VF0529SBL01

Tot Ion:168 Resp: 757893

Ion Ratio Lower Upper

168 100

99 48.3 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

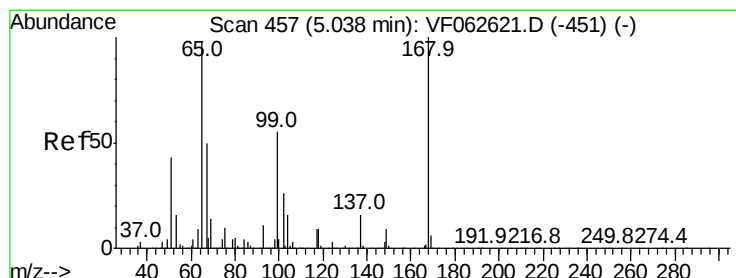
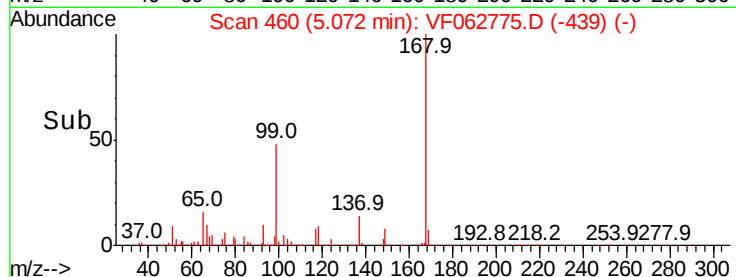
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.286 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062775.D

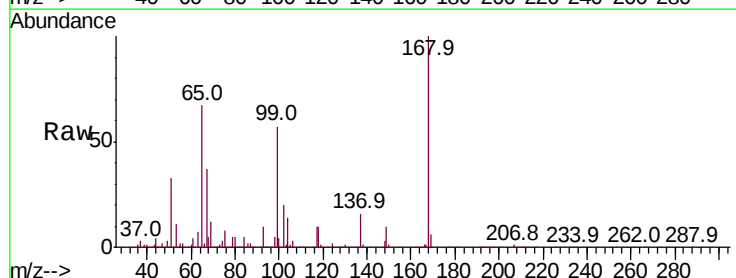
Acq: 29 May 2019 11:38

Tgt Ion: 65 Resp: 247893

Ion Ratio Lower Upper

65 100

67 55.8 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.05

100000

80000

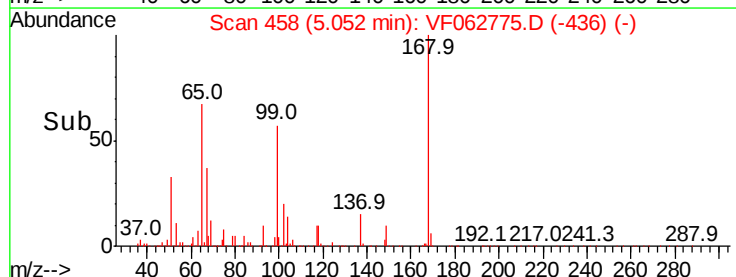
60000

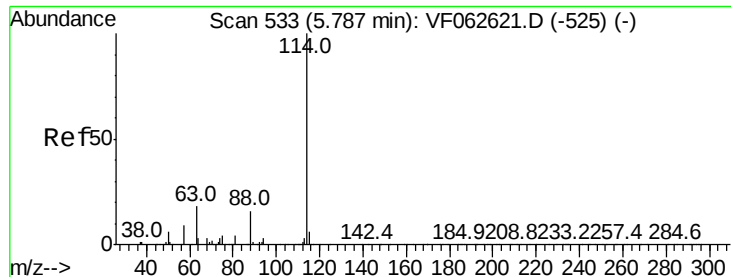
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF062775.D

Acq: 29 May 2019 11:38

Instrument :

MSVOA_F

ClientSampleId :

VF0529SBL01

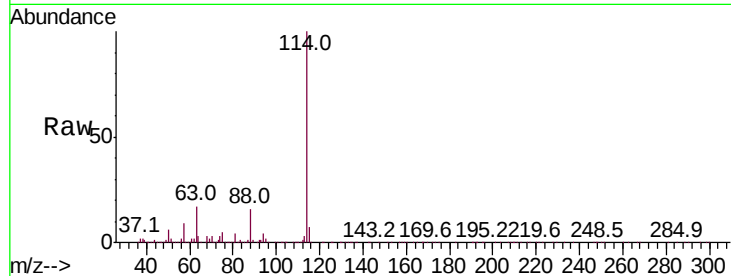
Tot Ion:114 Resp: 1249609

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

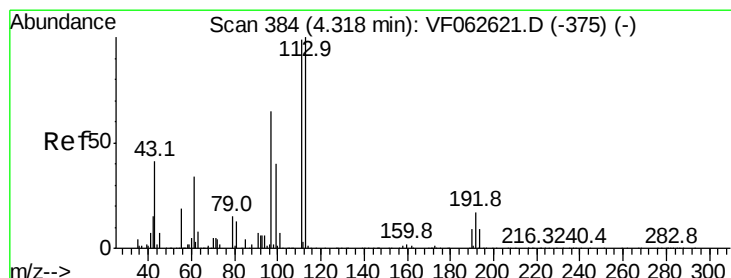
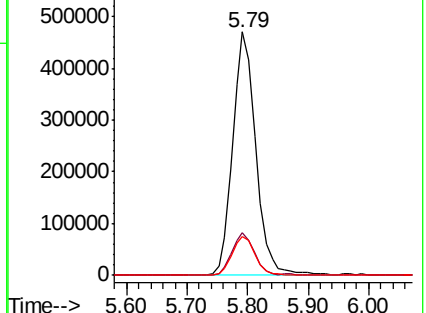
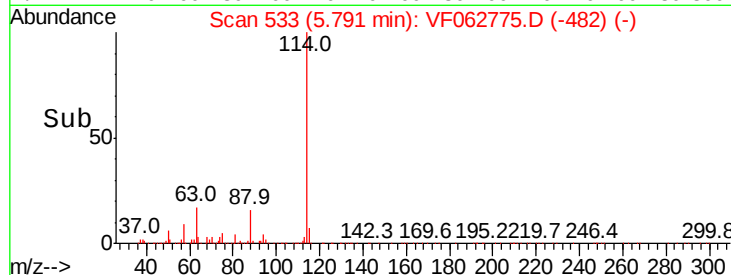
88 16.0 0.0 32.4



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: 47.915 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062775.D

Acq: 29 May 2019 11:38

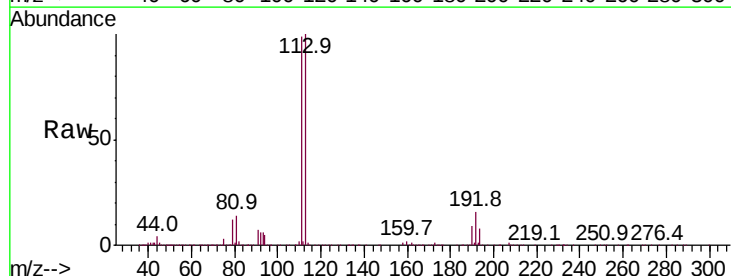
Tgt Ion:113 Resp: 458164

Ion Ratio Lower Upper

113 100

111 99.5 79.4 119.2

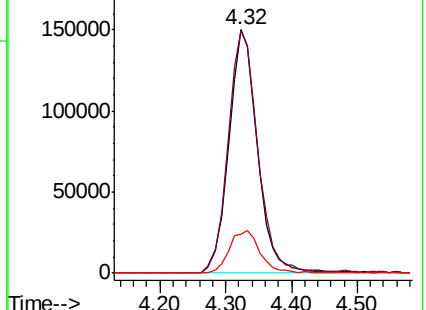
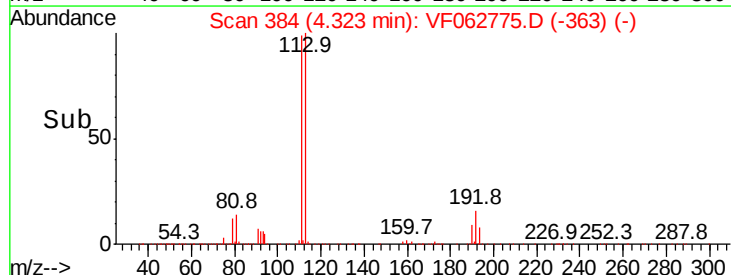
192 16.0 13.4 20.2

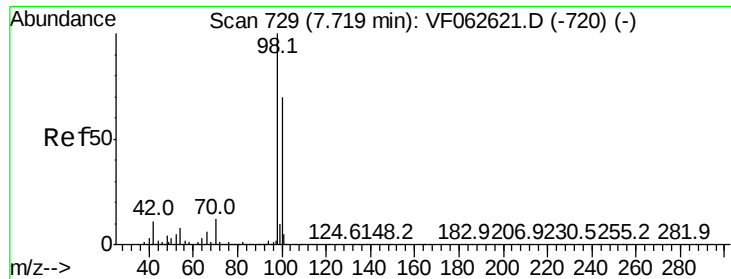


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

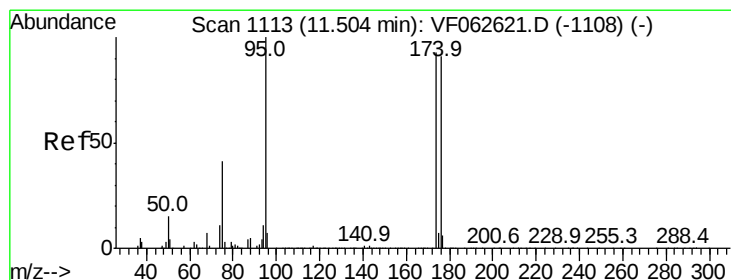
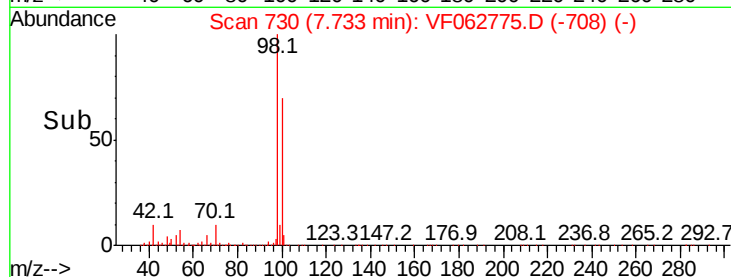
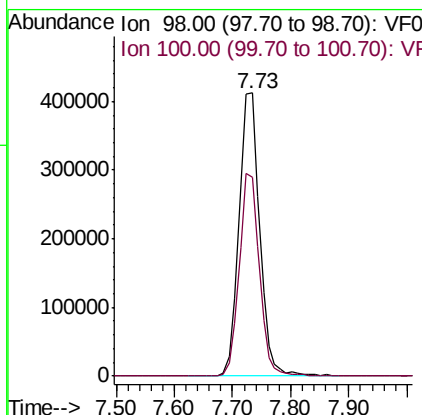
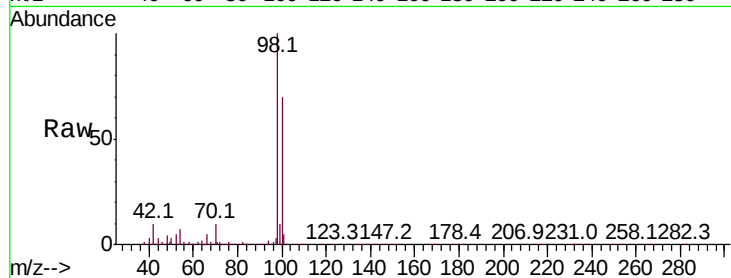




#50
Toluene-d8
Concen: 44.876 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062775.D
Acq: 29 May 2019 11:38

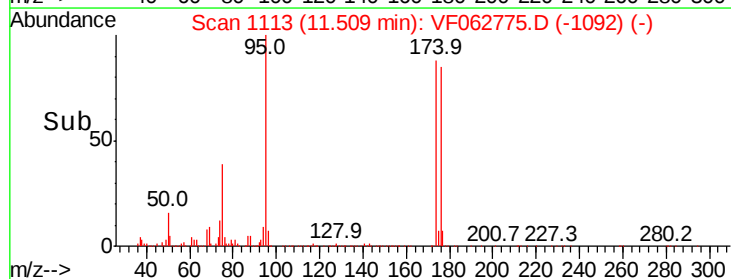
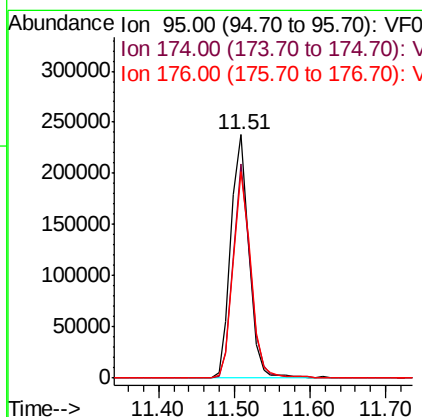
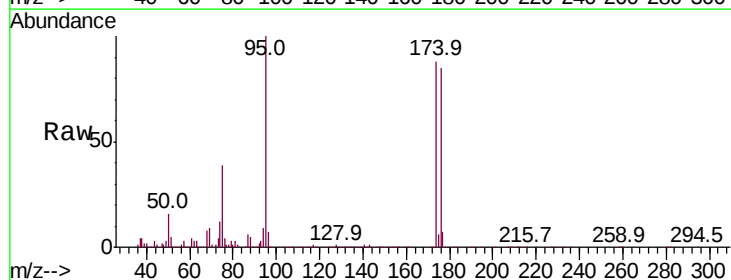
Instrument :
MSVOA_F
ClientSampleId :
VF0529SBL01

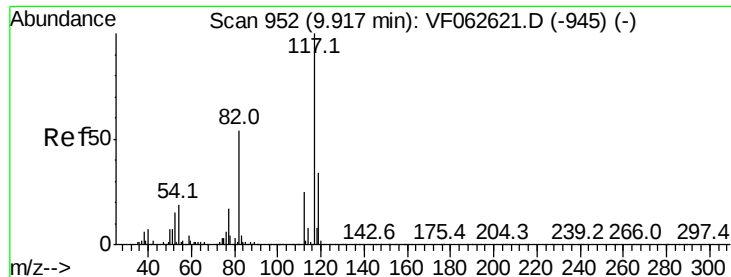
Tot Ion: 98 Resp: 1024536
Ion Ratio Lower Upper
98 100
100 70.2 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 45.269 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF062775.D
Acq: 29 May 2019 11:38

Tgt Ion: 95 Resp: 391976
Ion Ratio Lower Upper
95 100
174 88.2 0.0 185.6
176 84.7 0.0 182.4

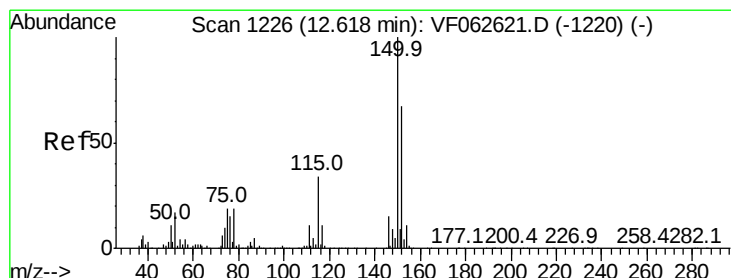
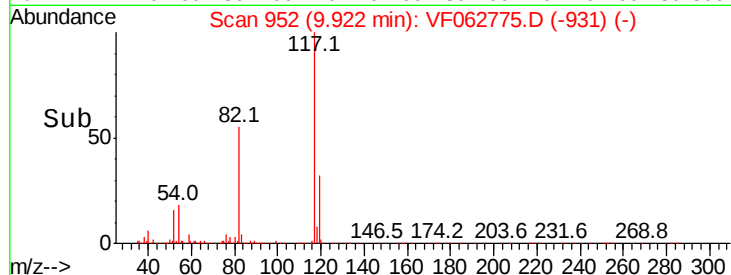
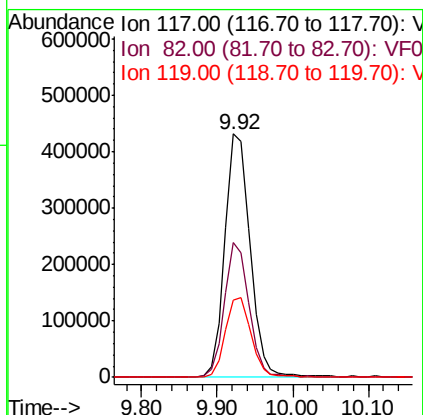
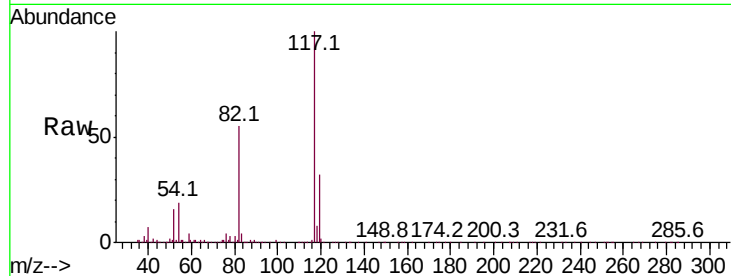




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062775.D
Acq: 29 May 2019 11:38

Instrument :
MSVOA_F
ClientSampleId :
VF0529SBL01

Tot Ion:117 Resp: 1002920
Ion Ratio Lower Upper
117 100
82 55.3 43.3 64.9
119 31.7 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062775.D
Acq: 29 May 2019 11:38

Tgt Ion:152 Resp: 448248
Ion Ratio Lower Upper
152 100
115 52.9 25.2 75.6
150 147.9 0.0 306.2

