

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052819\
 Data File : VF062763.D
 Acq On : 28 May 2019 16:30
 Operator : FY/SY
 Sample : K3054-03
 Misc : 12.30g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CULVER-CBTC-WC2A-052419

Quant Time: May 29 02:18:13 2019
 Quant Method : Z:\V0ASRV\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	5.08	168	863896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1474655	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1207490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	546686	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	242476	39.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.44%	
35) Dibromofluoromethane	4.33	113	484716	42.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.92%	
50) Toluene-d8	7.73	98	1114691	41.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.74%	
62) 4-Bromofluorobenzene	11.50	95	408654	39.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.98%	

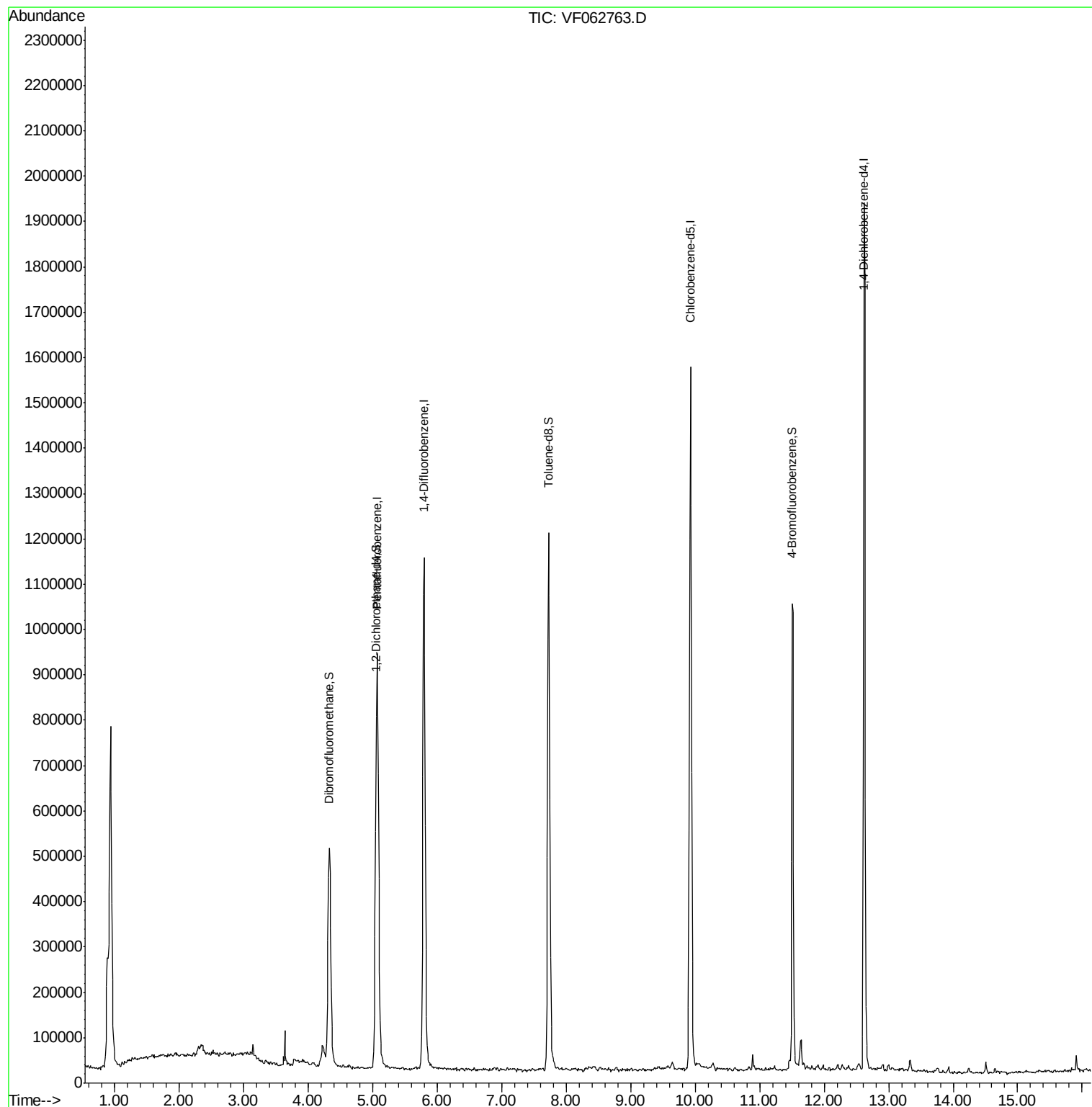
Target Compounds	Qvalue
------------------	--------

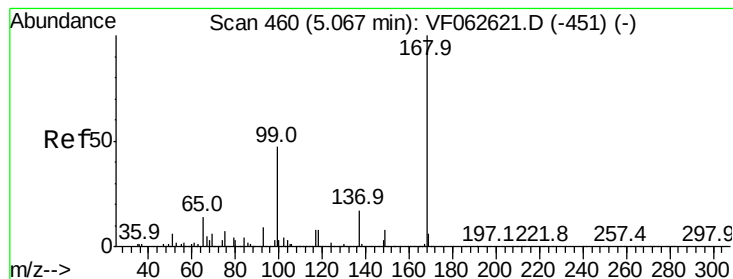
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052819\
Data File : VF062763.D
Acq On : 28 May 2019 16:30
Operator : FY/SY
Sample : K3054-03
Misc : 12.30g/5mL/MSVOA F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC2A-052419

Quant Time: May 29 02:18:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062763.D

Acq: 28 May 2019 16:30

Instrument :

MSVOA_F

ClientSampleId :

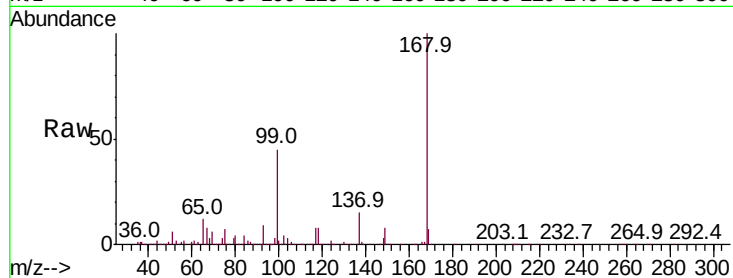
CULVER-CBTC-WC2A-052419

Tot Ion:168 Resp: 863896

Ion Ratio Lower Upper

168 100

99 45.0 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

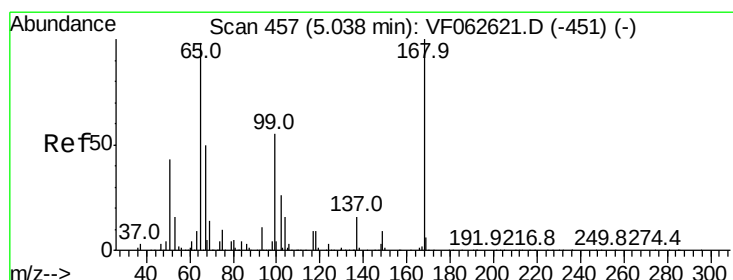
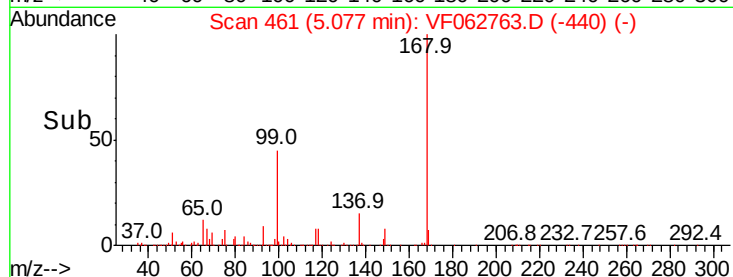
300000

200000

100000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 39.719 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062763.D

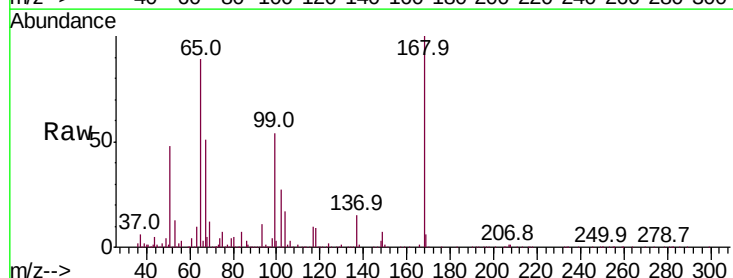
Acq: 28 May 2019 16:30

Tgt Ion: 65 Resp: 242476

Ion Ratio Lower Upper

65 100

67 56.6 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

80000

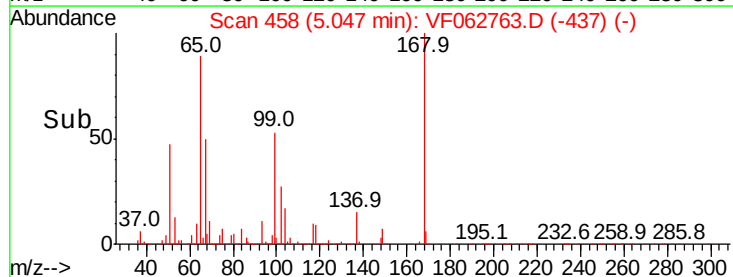
60000

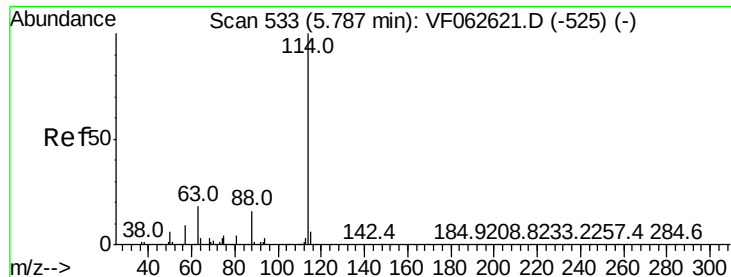
40000

20000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.01 min

Lab File: VF062763.D

Acq: 28 May 2019 16:30

Instrument :

MSVOA_F

ClientSampleId :

CULVER-CBTC-WC2A-052419

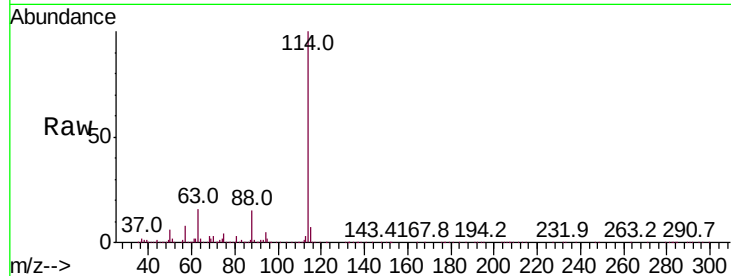
Tot Ion:114 Resp: 1474655

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.4

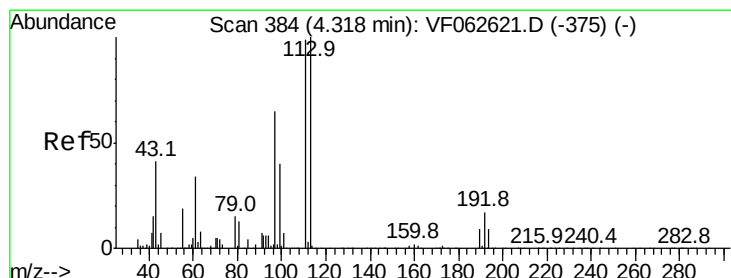
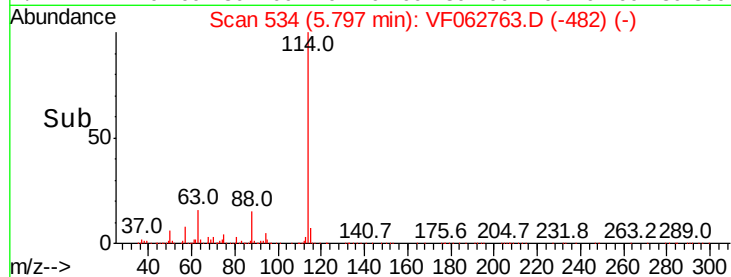
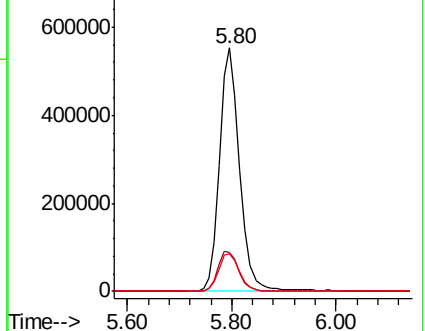
88 15.5 0.0 32.4



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: 42.956 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VF062763.D

Acq: 28 May 2019 16:30

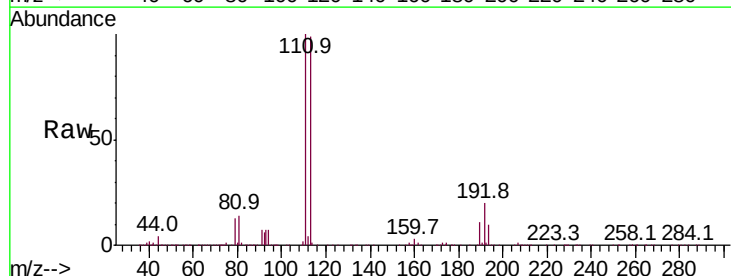
Tgt Ion:113 Resp: 484716

Ion Ratio Lower Upper

113 100

111 100.9 79.4 119.2

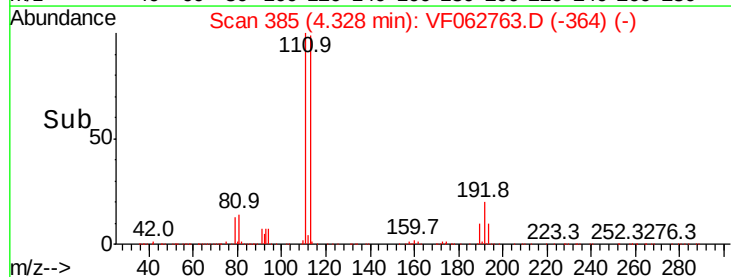
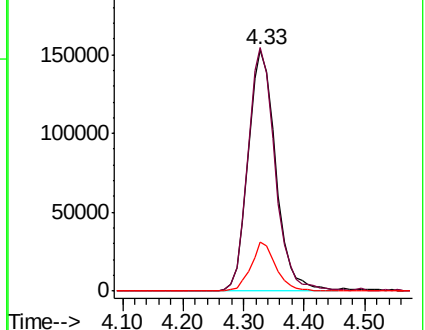
192 20.6 13.4 20.2#

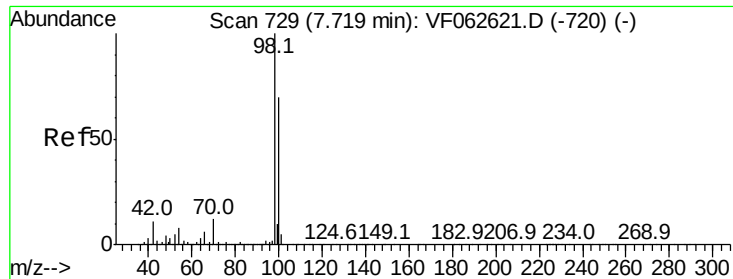


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

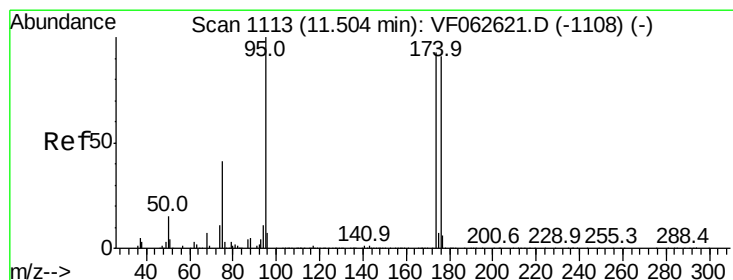
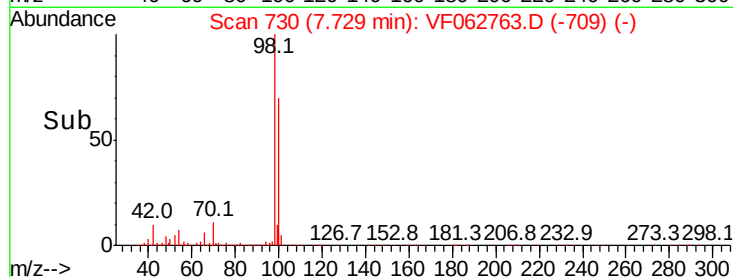
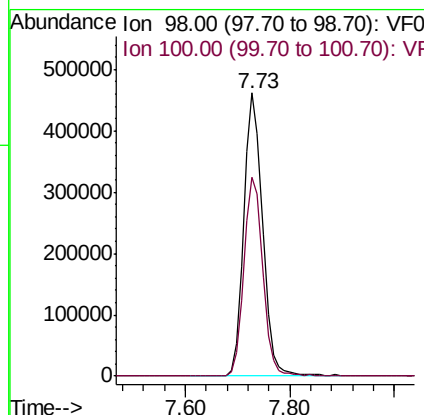
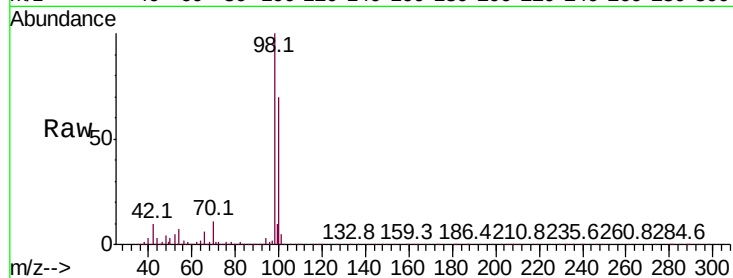




#50
Toluene-d8
Concen: 41.374 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062763.D
Acq: 28 May 2019 16:30

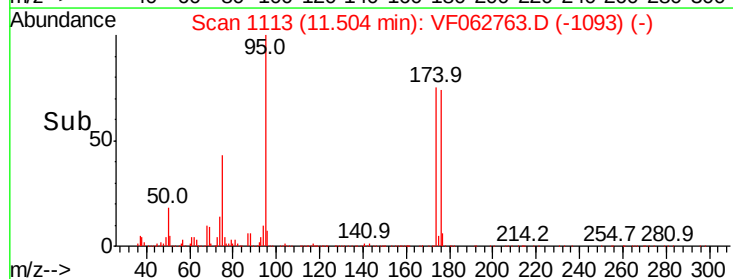
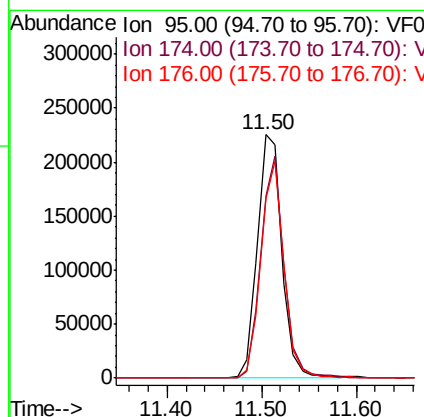
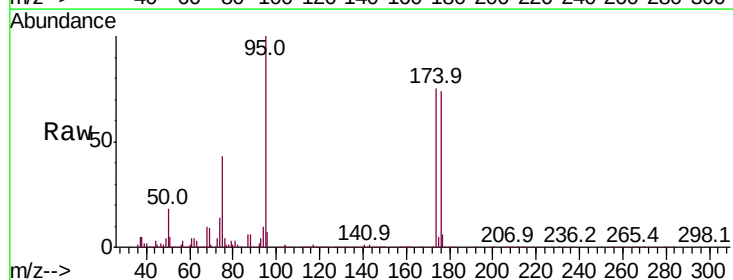
Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC2A-052419

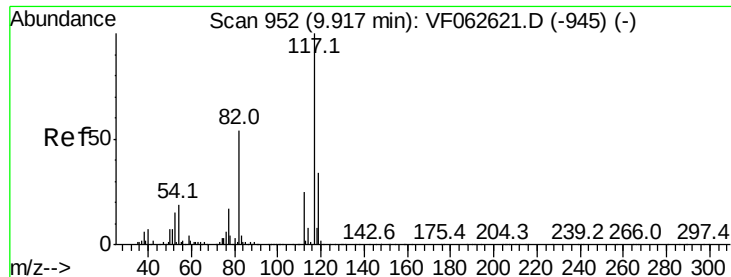
Tot Ion: 98 Resp: 1114691
Ion Ratio Lower Upper
98 100
100 70.2 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 39.992 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062763.D
Acq: 28 May 2019 16:30

Tgt Ion: 95 Resp: 408654
Ion Ratio Lower Upper
95 100
174 75.0 0.0 185.6
176 74.0 0.0 182.4

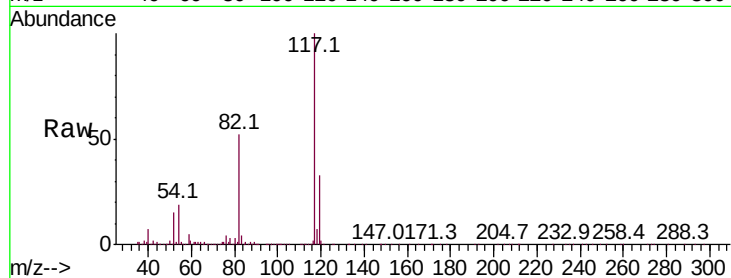




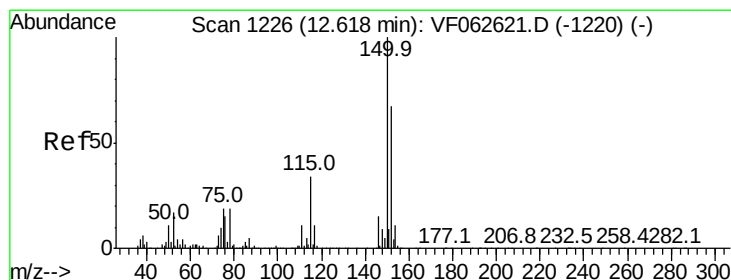
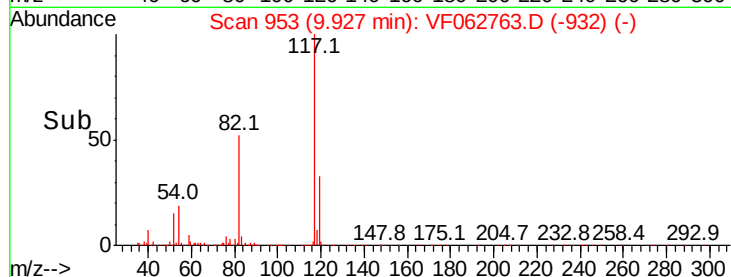
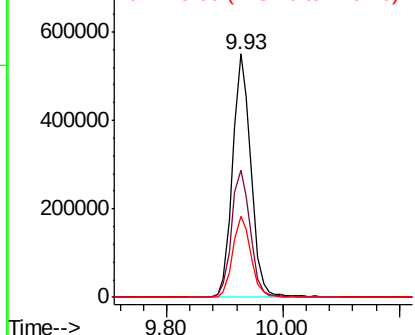
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062763.D
Acq: 28 May 2019 16:30

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC2A-052419

Tot Ion:117 Resp: 1207490
Ion Ratio Lower Upper
117 100
82 52.4 43.3 64.9
119 33.2 27.4 41.0

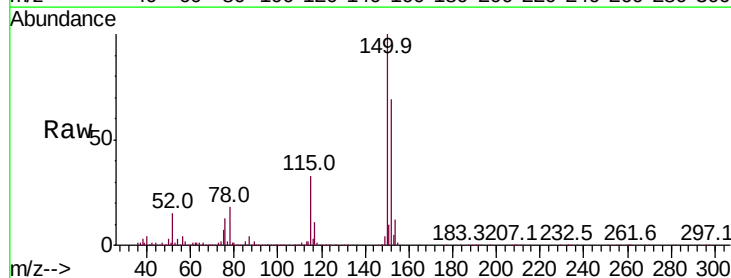


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062763.D
Acq: 28 May 2019 16:30

Tgt Ion:152 Resp: 546686
Ion Ratio Lower Upper
152 100
115 47.7 25.2 75.6
150 144.2 0.0 306.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

