

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052819\
 Data File : VF062764.D
 Acq On : 28 May 2019 16:58
 Operator : FY/SY
 Sample : K3054-04
 Misc : 14.76g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CULVER-CBTC-WC3A-052419

Quant Time: May 29 02:20:00 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	837295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1393429	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1117888	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	485565	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	251452	42.50	ug/l	0.01
Spiked Amount 50.000			Recovery	=	85.00%	
35) Dibromofluoromethane	4.32	113	483190	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
50) Toluene-d8	7.73	98	1110238	43.61	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.22%	
62) 4-Bromofluorobenzene	11.51	95	394816	40.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.78%	

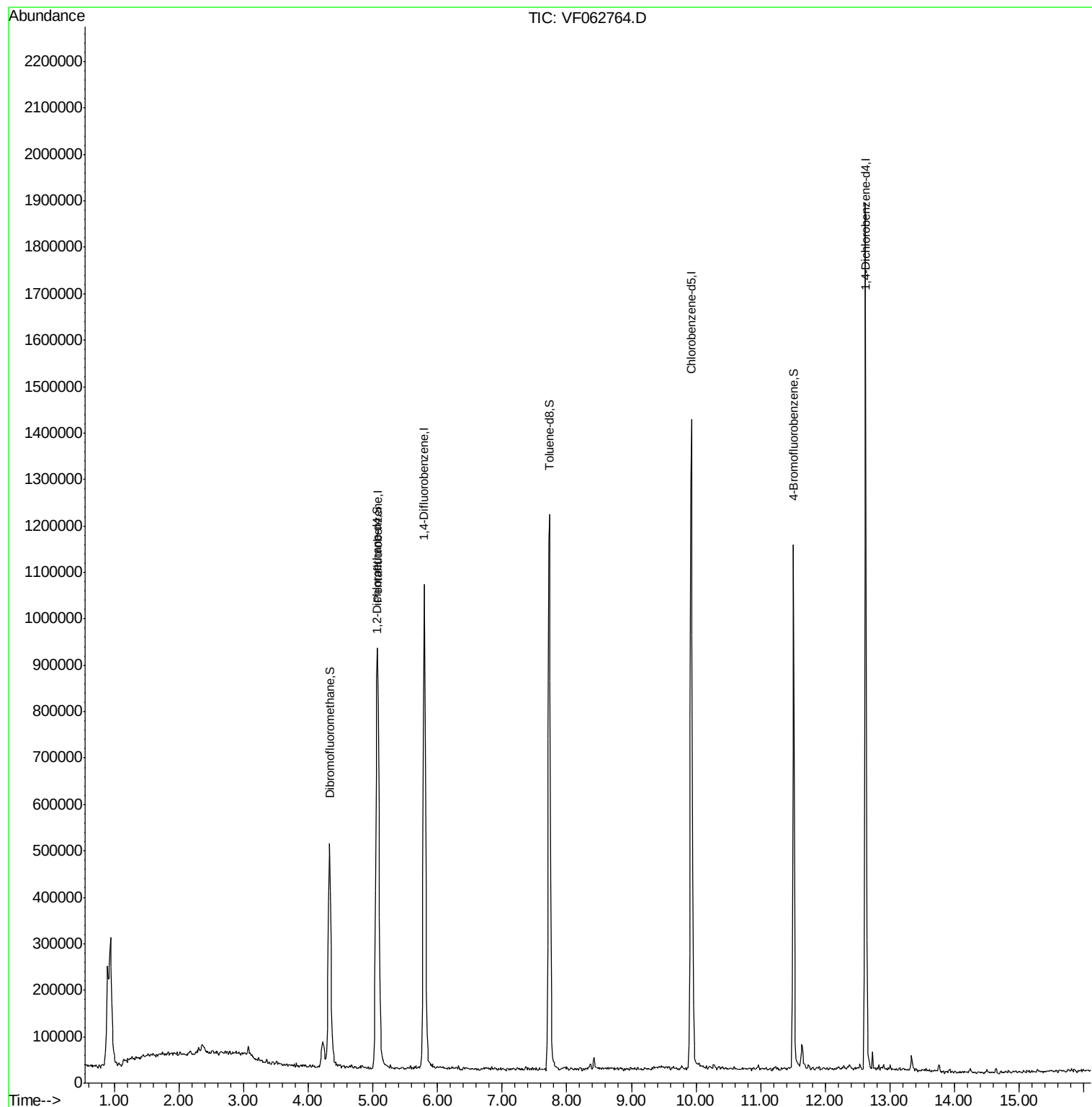
Target Compounds	Qvalue
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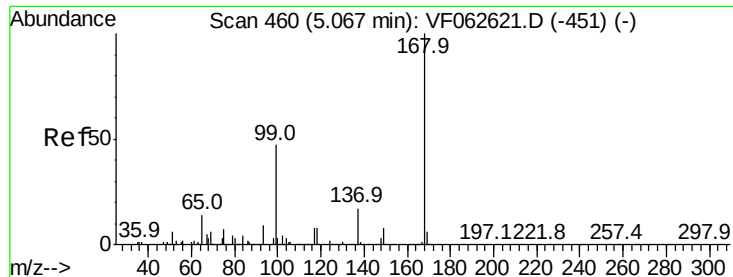
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062764.D

Acq: 28 May 2019 16:58

Instrument :

MSVOA_F

ClientSampleId :

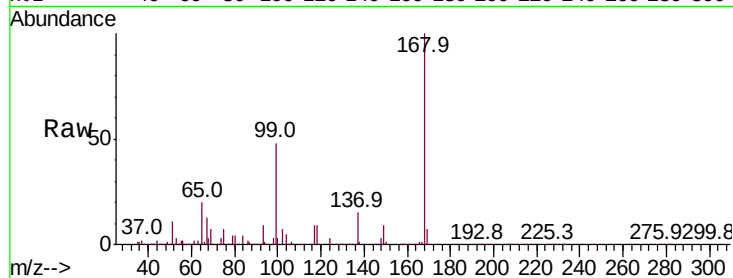
CULVER-CBTC-WC3A-052419

Tot Ion:168 Resp: 837295

Ion Ratio Lower Upper

168 100

99 47.7 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

300000

250000

200000

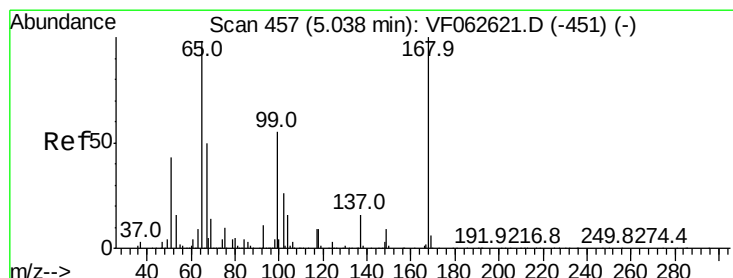
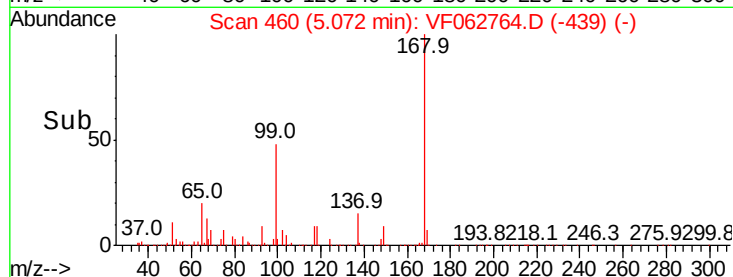
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.498 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062764.D

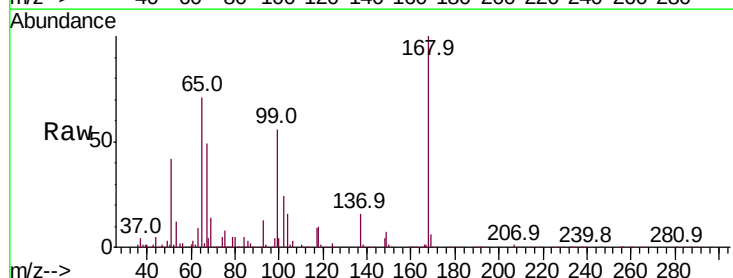
Acq: 28 May 2019 16:58

Tgt Ion: 65 Resp: 251452

Ion Ratio Lower Upper

65 100

67 69.7 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

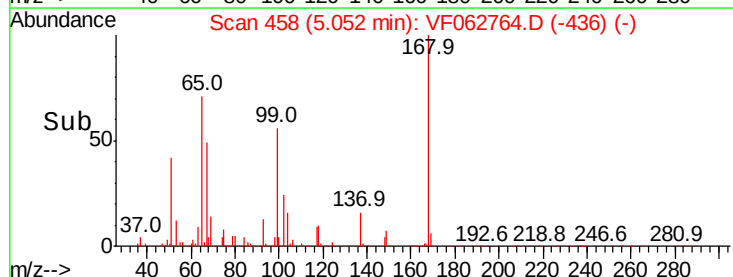
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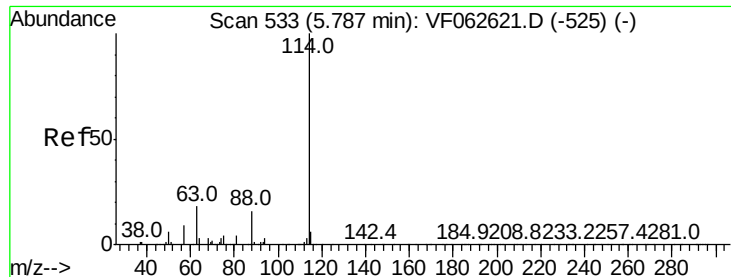
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20000

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Time-->

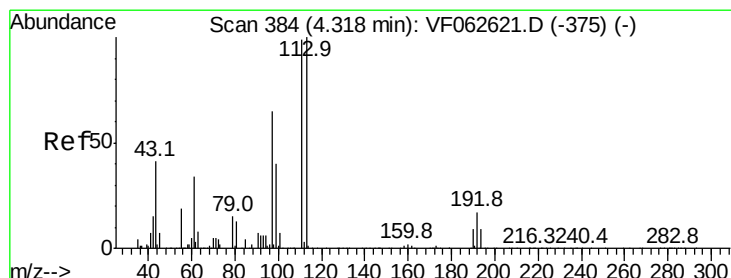
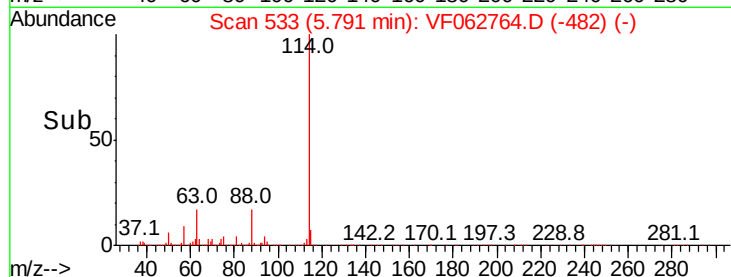
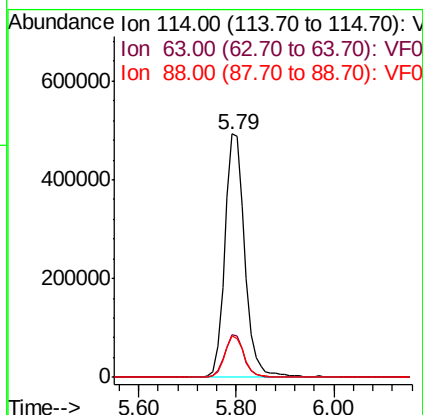
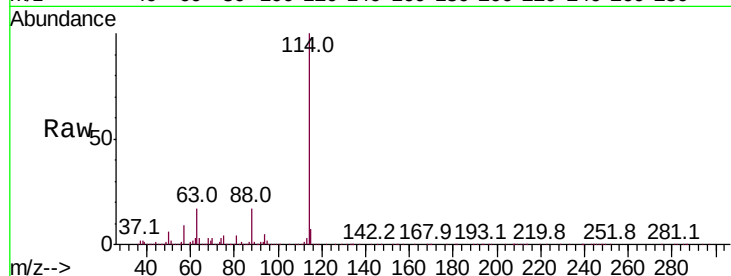




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VF062764.D
 Acq: 28 May 2019 16:58

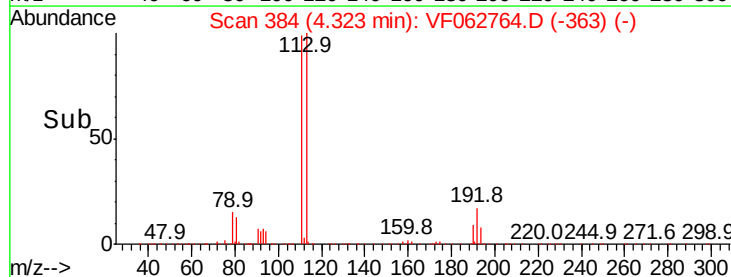
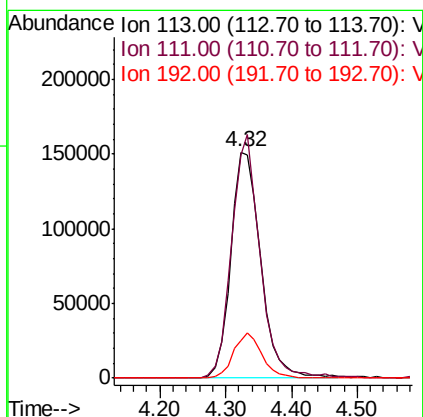
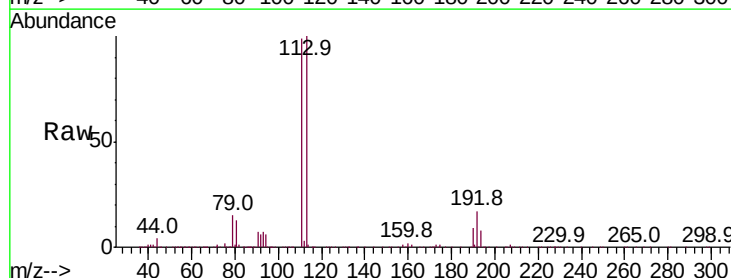
Instrument :
 MSVOA_F
 ClientSampleId :
 CULVER-CBTC-WC3A-052419

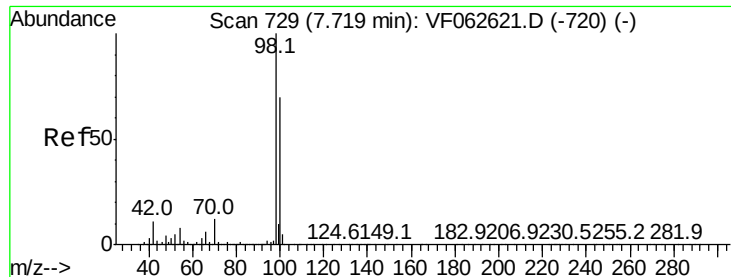
Tot Ion:114 Resp: 1393429
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.4
 88 16.8 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 45.316 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VF062764.D
 Acq: 28 May 2019 16:58

Tgt Ion:113 Resp: 483190
 Ion Ratio Lower Upper
 113 100
 111 98.7 79.4 119.2
 192 16.9 13.4 20.2

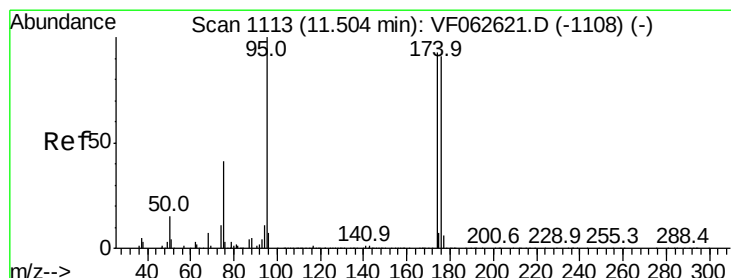
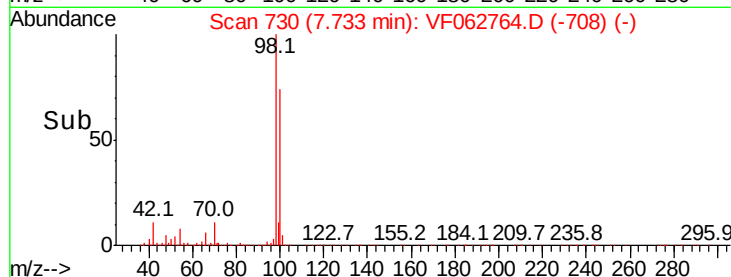
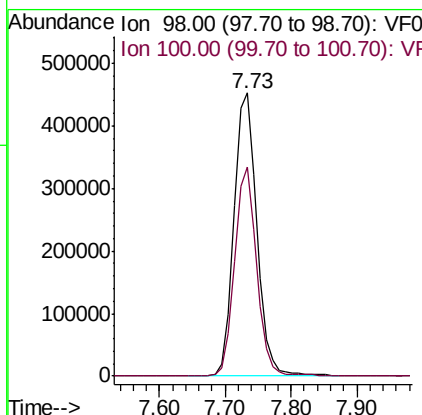
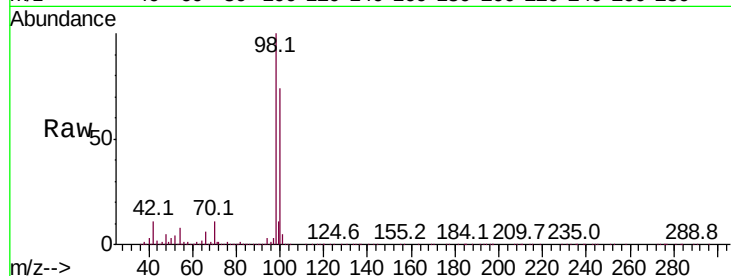




#50
Toluene-d8
Concen: 43.610 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062764.D
Acq: 28 May 2019 16:58

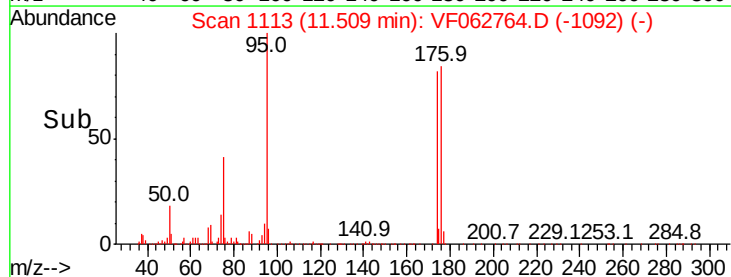
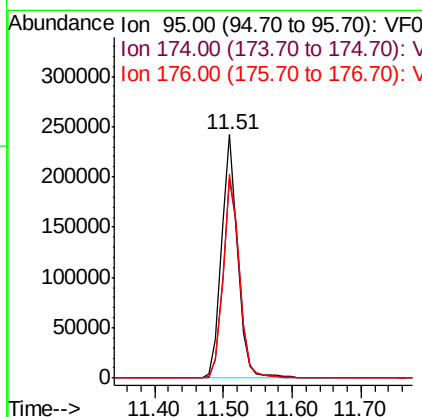
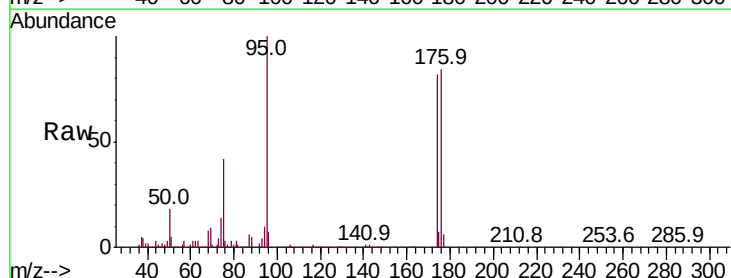
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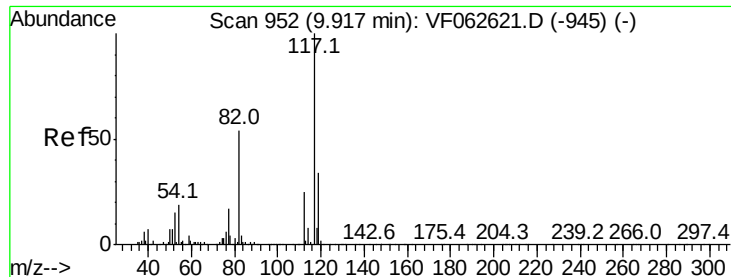
Tot Ion: 98 Resp: 1110238
Ion Ratio Lower Upper
98 100
100 73.9 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 40.890 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF062764.D
Acq: 28 May 2019 16:58

Tgt Ion: 95 Resp: 394816
Ion Ratio Lower Upper
95 100
174 81.8 0.0 185.6
176 84.0 0.0 182.4

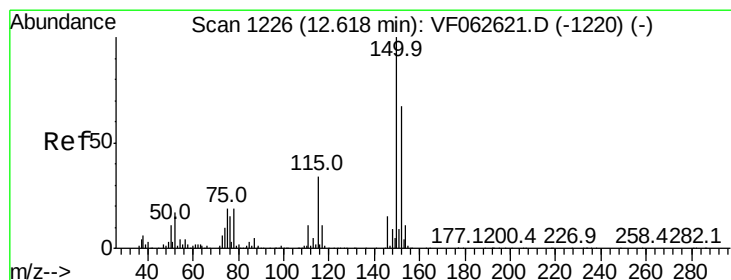
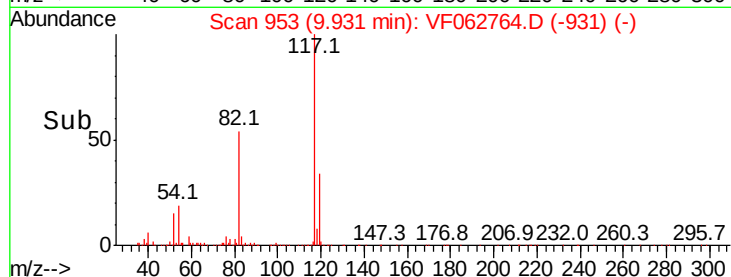
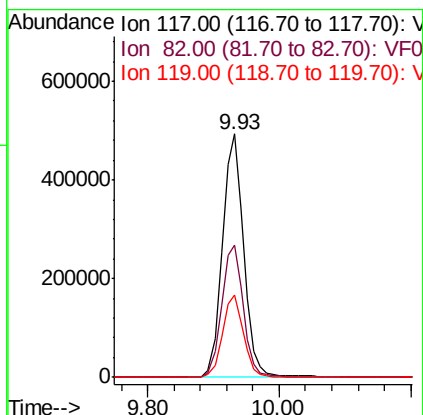
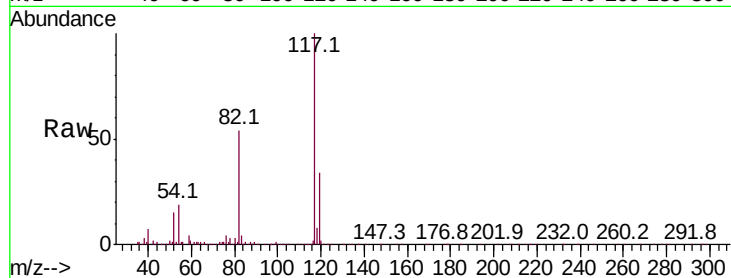




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062764.D
Acq: 28 May 2019 16:58

Instrument :
MSVOA_F
ClientSampleId :
CULVER-CBTC-WC3A-052419

Tot Ion:117 Resp: 1117888
Ion Ratio Lower Upper
117 100
82 54.2 43.3 64.9
119 34.0 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: VF062764.D
Acq: 28 May 2019 16:58

Tgt Ion:152 Resp: 485565
Ion Ratio Lower Upper
152 100
115 53.7 25.2 75.6
150 147.1 0.0 306.2

