

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062510.D
 Acq On : 12 May 2019 18:33
 Operator : FY/SY
 Sample : K2719-17
 Misc : 6.36g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS010-1824-01RE

Quant Time: May 13 06:00:43 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	184977	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	233058	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	184896	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	96074	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	64273	36.77	ug/l	0.03
Spiked Amount 50.000			Recovery	=	73.54%	
35) Dibromofluoromethane	4.34	113	81244	43.76	ug/l	0.03
Spiked Amount 50.000			Recovery	=	87.52%	
50) Toluene-d8	7.73	98	170794	38.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.00%	
62) 4-Bromofluorobenzene	11.51	95	62782	30.96	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.92%	

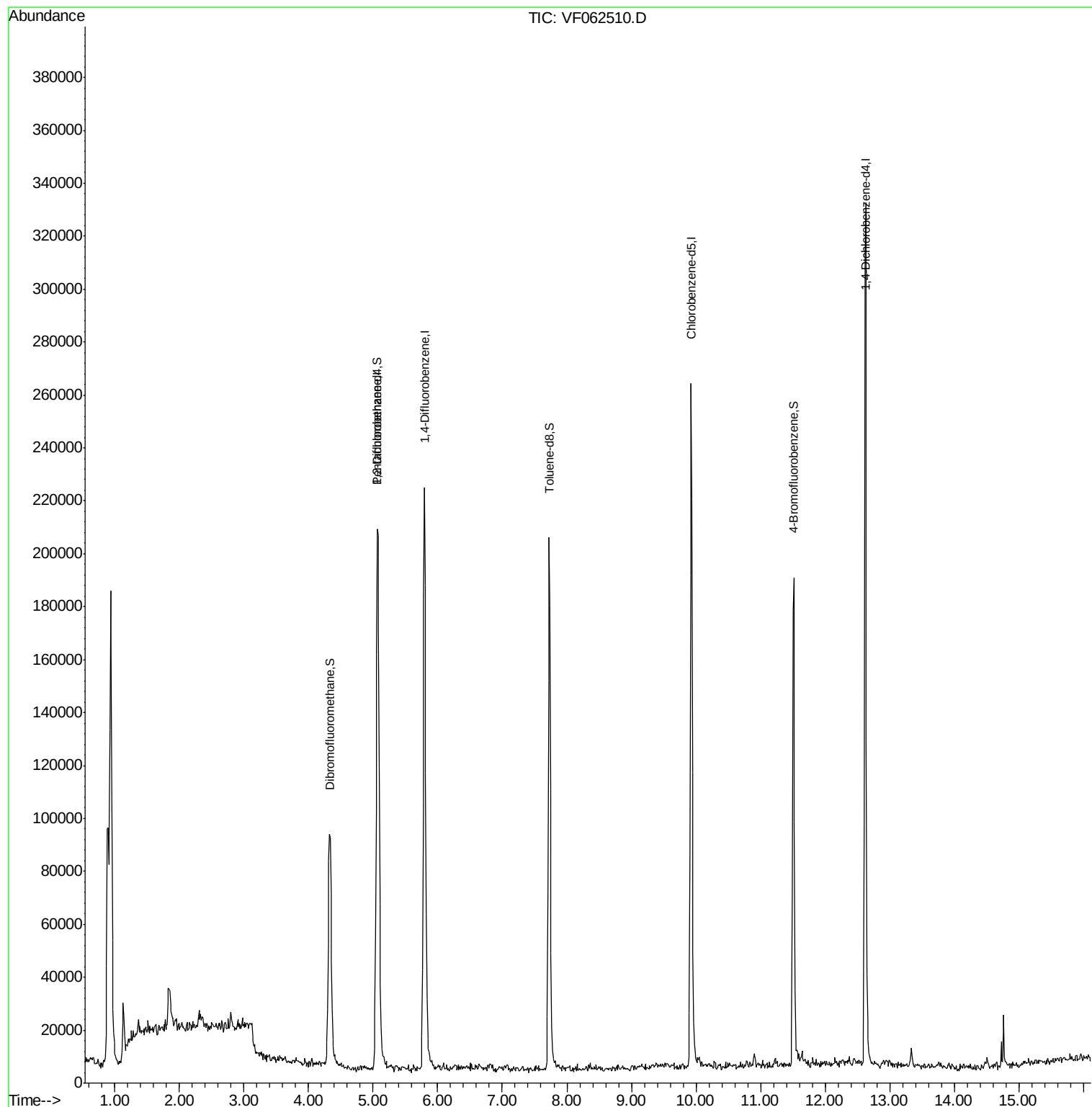
Target Compounds	Qvalue
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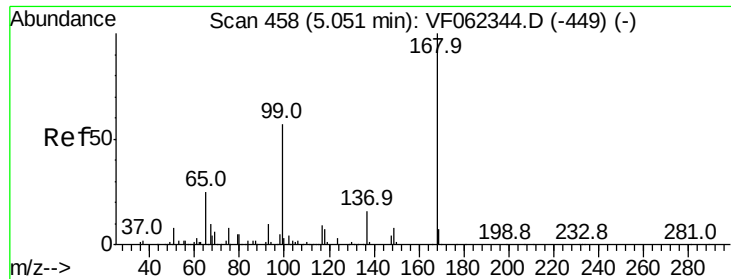
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062510.D

Acq: 12 May 2019 18:33

Instrument :

MSVOA_F

ClientSampleId :

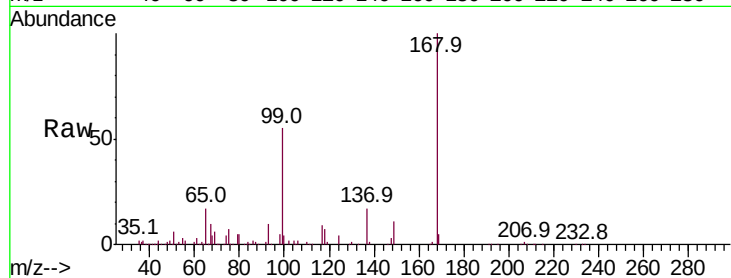
P026-SS010-1824-01RE

Tot Ion:168 Resp: 184977

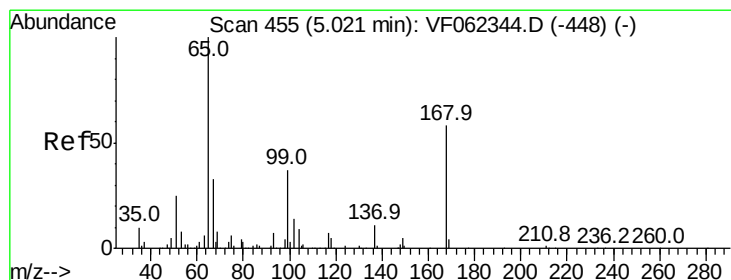
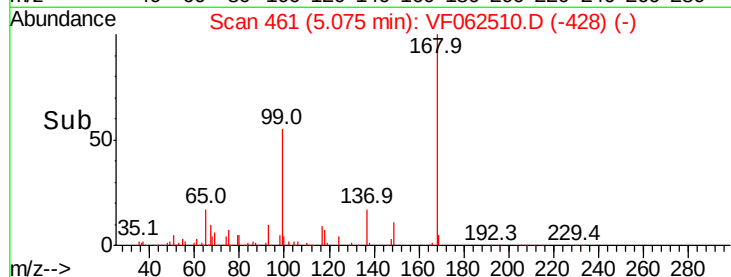
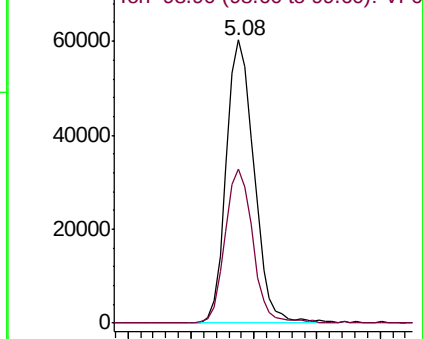
Ion Ratio Lower Upper

168 100

99 54.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 36.767 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062510.D

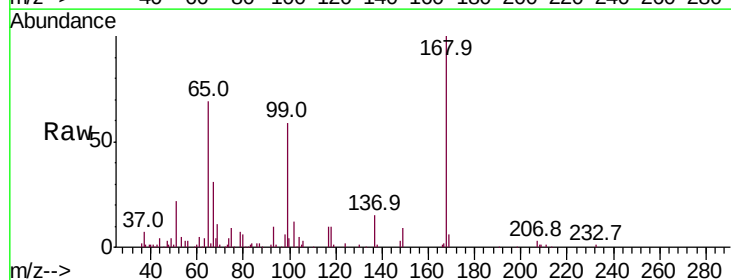
Acq: 12 May 2019 18:33

Tgt Ion: 65 Resp: 64273

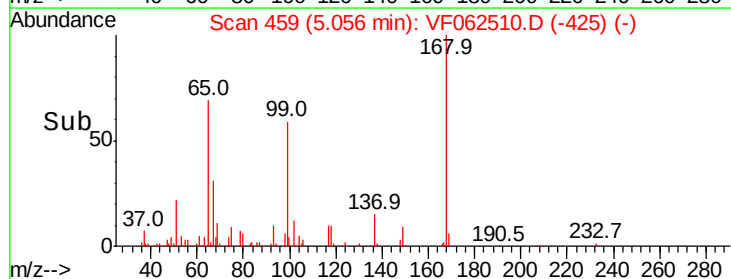
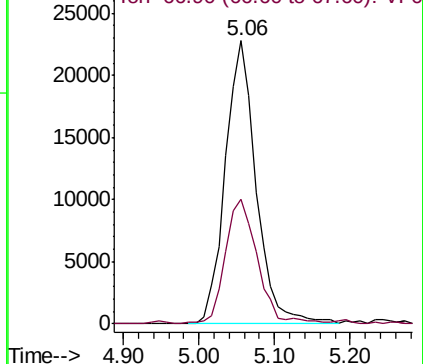
Ion Ratio Lower Upper

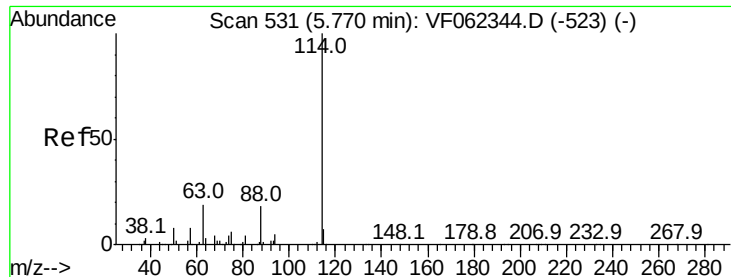
65 100

67 45.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

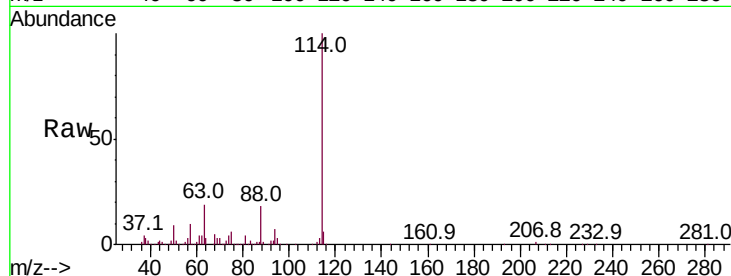




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VF062510.D
 Acq: 12 May 2019 18:33

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS010-1824-01RE

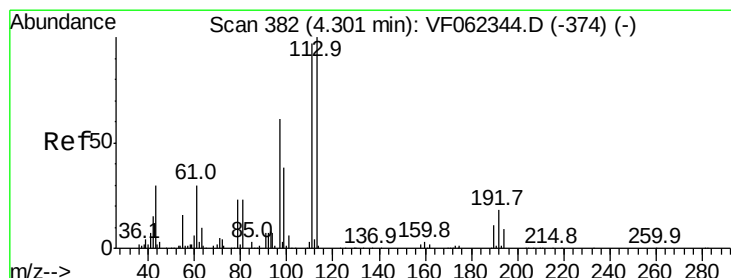
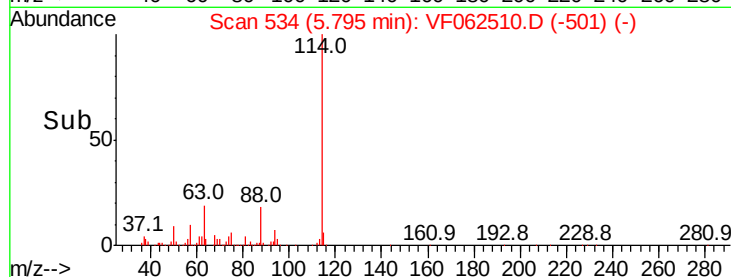
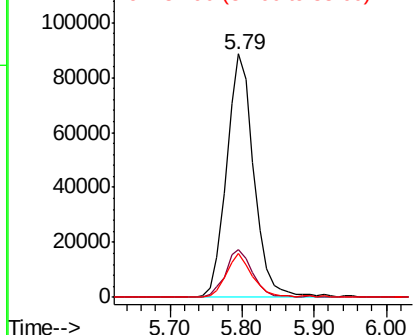
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.4
88	18.0	0.0	36.4



Abundance Ion 113.90 (113.60 to 114.60): V

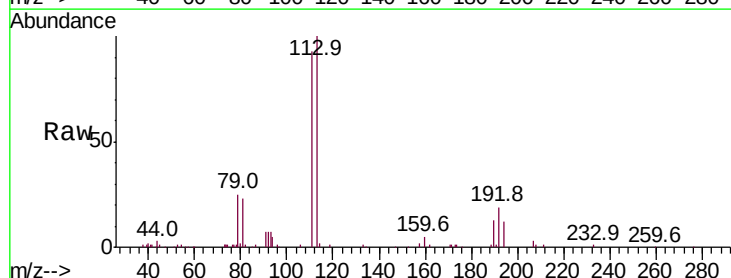
Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35
 Dibromofluoromethane
 Concen: 43.756 ug/l
 RT: 4.34 min Scan# 386
 Delta R.T. 0.03 min
 Lab File: VF062510.D
 Acq: 12 May 2019 18:33

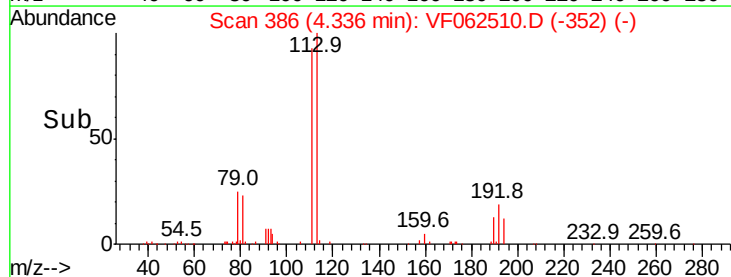
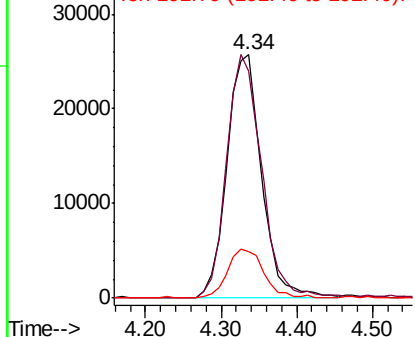
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	79.4	119.0
192	21.3	16.0	24.0

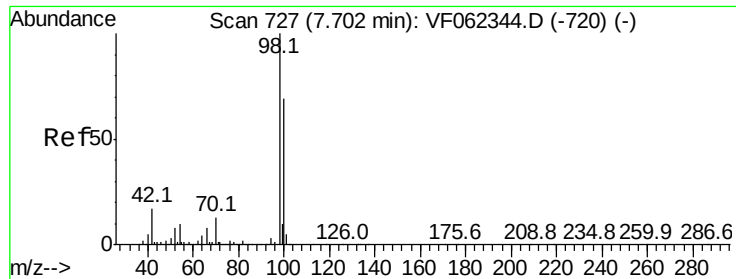


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.001 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.02 min

Lab File: VF062510.D

Acq: 12 May 2019 18:33

Instrument :

MSVOA_F

ClientSampleId :

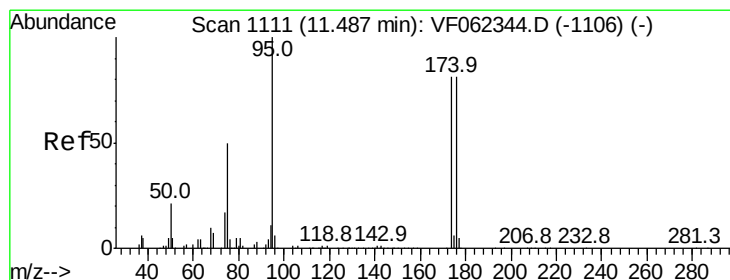
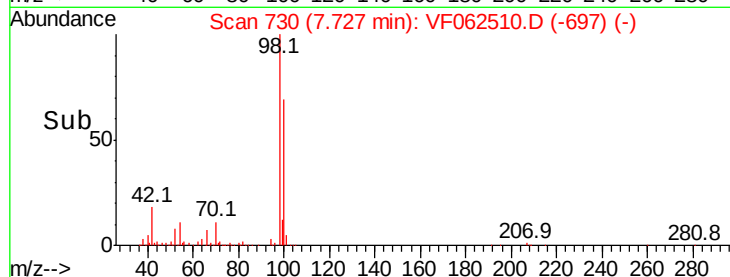
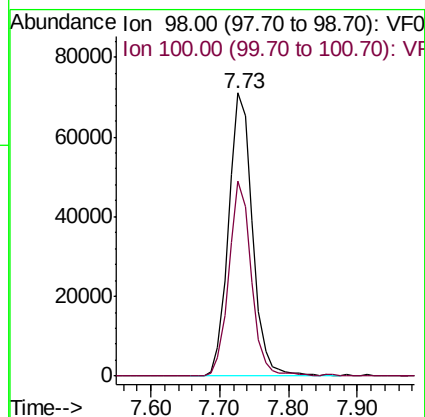
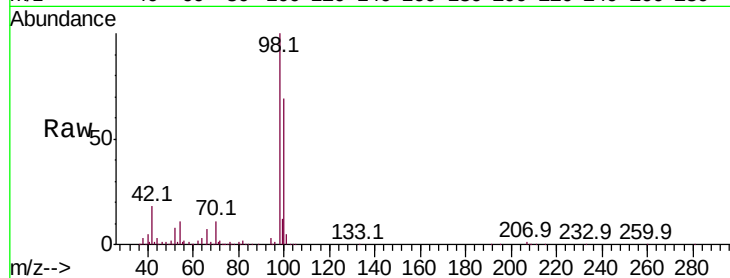
P026-SS010-1824-01RE

Tot Ion: 98 Resp: 170794

Ion Ratio Lower Upper

98 100

100 64.5 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 30.961 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062510.D

Acq: 12 May 2019 18:33

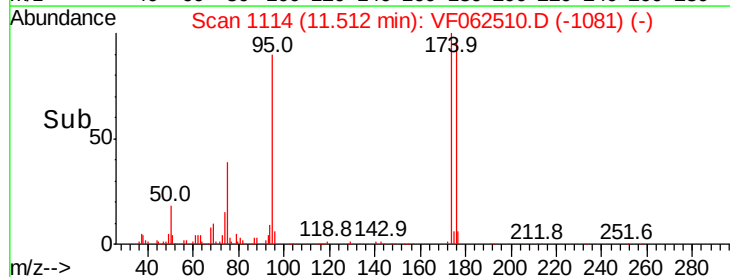
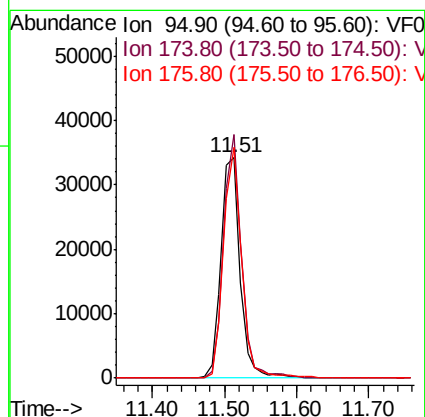
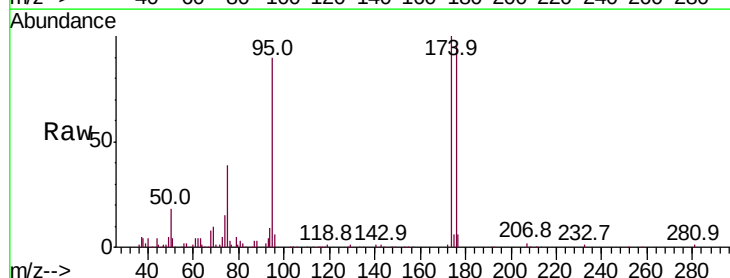
Tgt Ion: 95 Resp: 62782

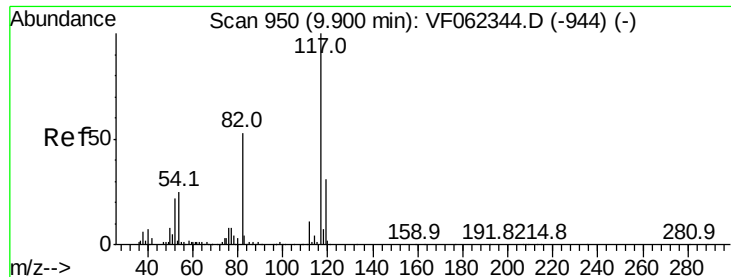
Ion Ratio Lower Upper

95 100

174 103.8 0.0 191.8

176 99.3 0.0 193.2

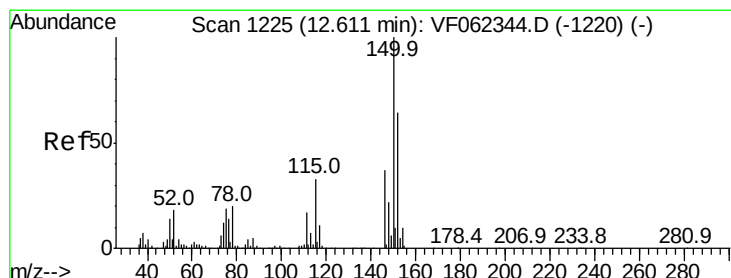
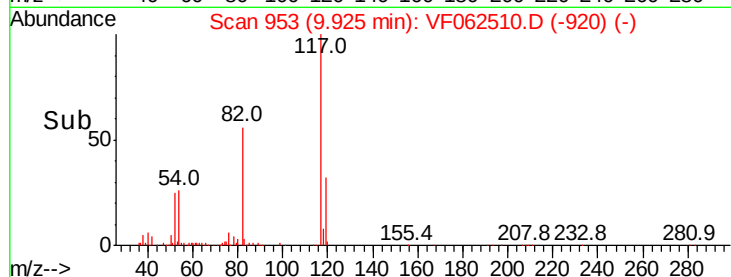
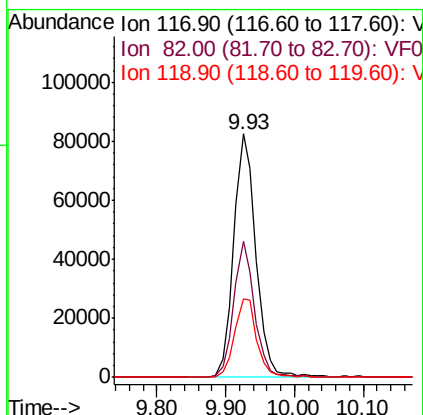
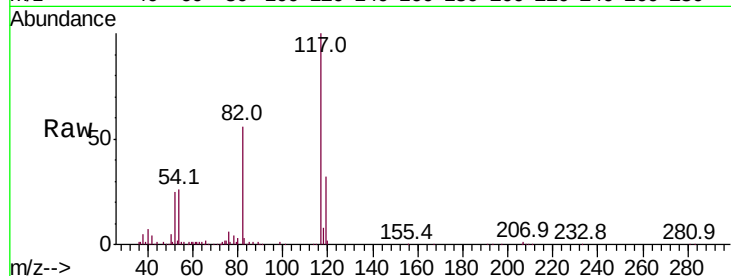




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Instrument :
MSVOA_F
ClientSampleId :
P026-SS010-1824-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	42.2	63.2
119	32.3	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062510.D
Acq: 12 May 2019 18:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.8	26.4	79.2
150	149.3	0.0	335.0

