

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052819\
 Data File : VF062771.D
 Acq On : 28 May 2019 20:13
 Operator : FY/SY
 Sample : K3072-07
 Misc : 5.76g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-7

Quant Time: May 29 02:34:45 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	659773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1107872	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.93	117	853719	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	343217	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	212549	45.59	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	91.18%	
35) Dibromofluoromethane	4.33	113	392715	46.32	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	92.64%	
50) Toluene-d8	7.73	98	873305	43.15	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	86.30%	
62) 4-Bromofluorobenzene	11.50	95	313734	40.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.74%	

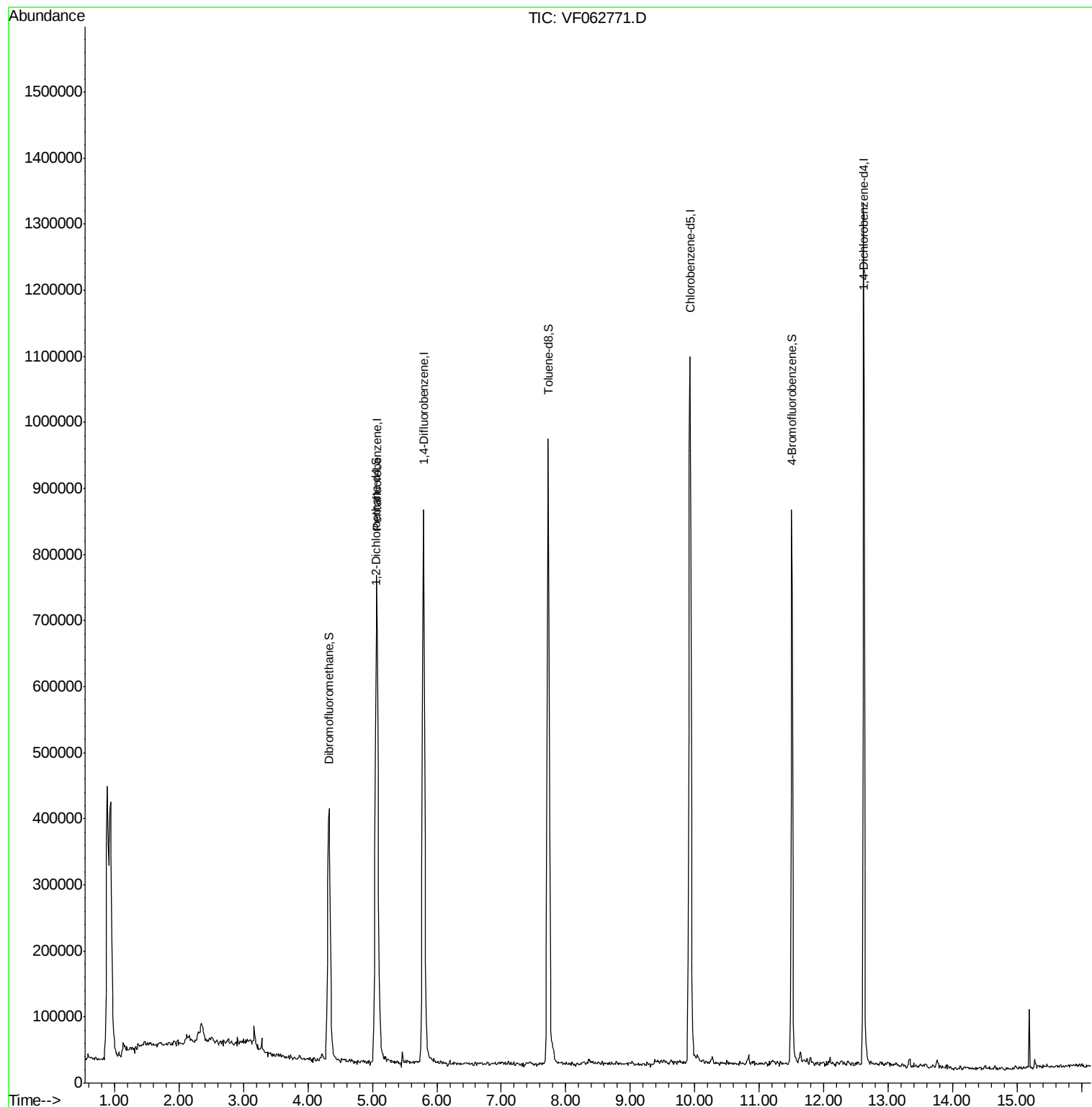
Target Compounds	Qvalue

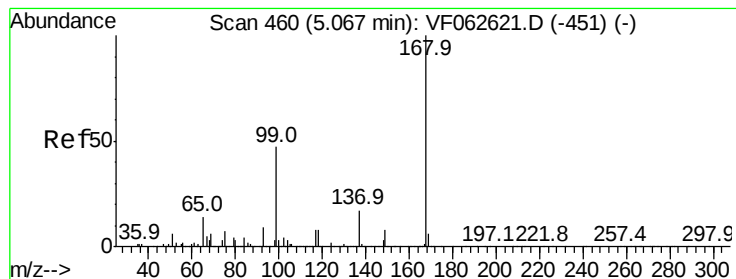
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF062771.D

Acq: 28 May 2019 20:13

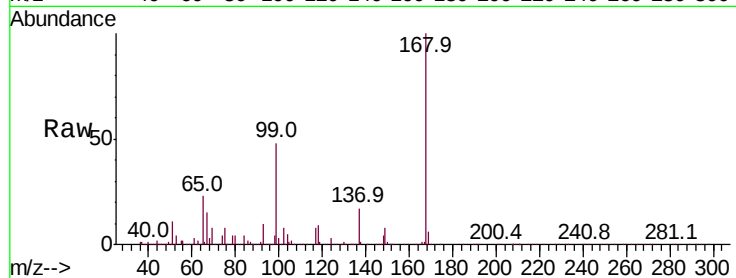
Instrument :
MSVOA_F
ClientSampled :
TP-7

Tot Ion:168 Resp: 659773

Ion Ratio Lower Upper

168 100

99 47.6 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.07

200000

150000

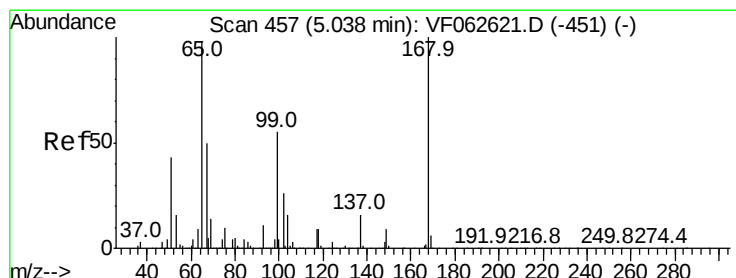
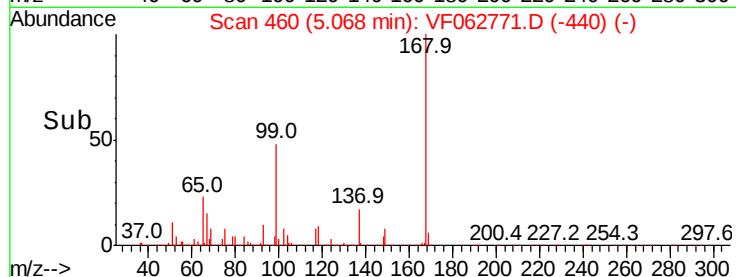
100000

50000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.589 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062771.D

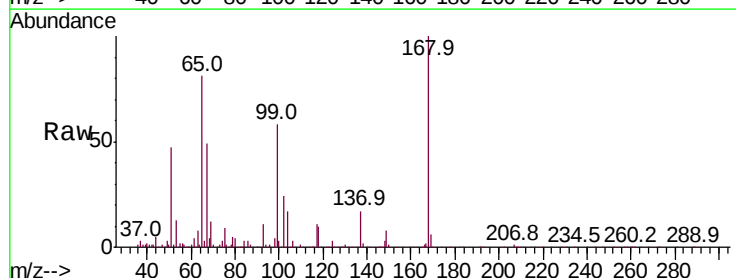
Acq: 28 May 2019 20:13

Tgt Ion: 65 Resp: 212549

Ion Ratio Lower Upper

65 100

67 60.6 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

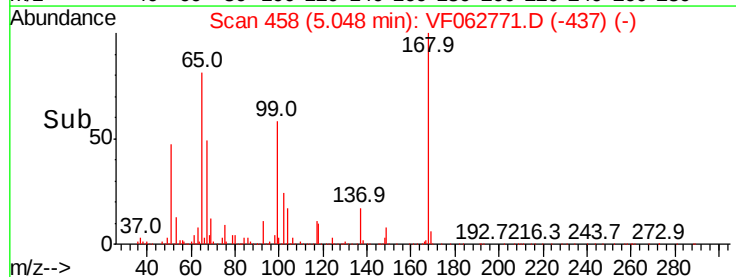
40000

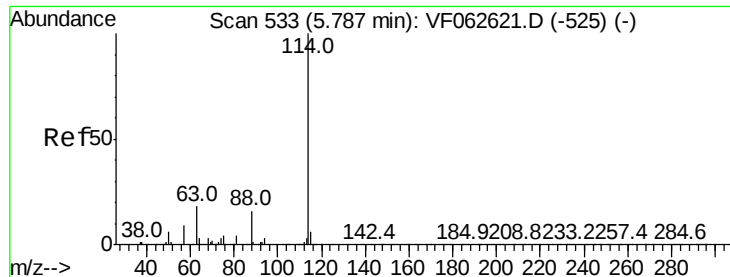
20000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.01 min

Lab File: VF062771.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_F

ClientSampled :

TP-7

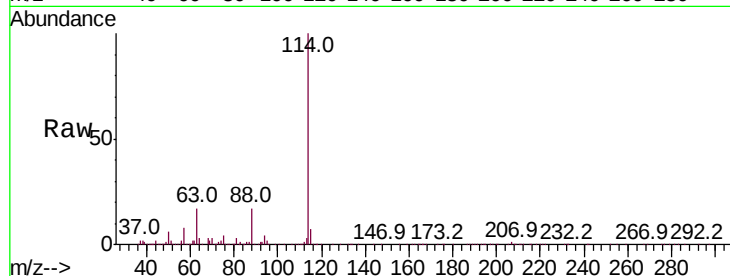
Tot Ion:114 Resp: 1107872

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.4

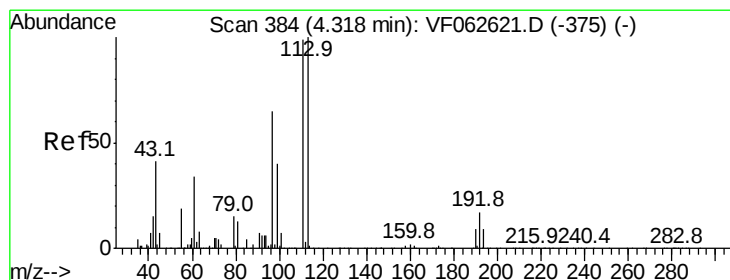
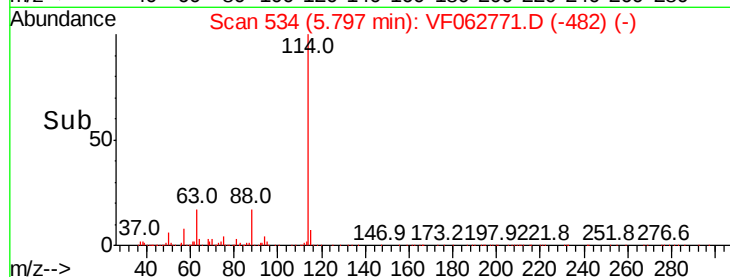
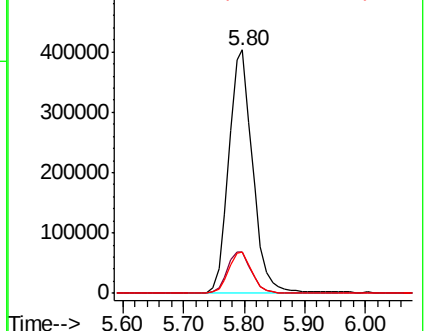
88 16.8 0.0 32.4



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: 46.325 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VF062771.D

Acq: 28 May 2019 20:13

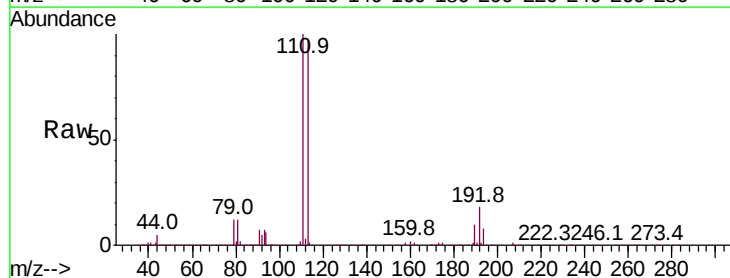
Tgt Ion:113 Resp: 392715

Ion Ratio Lower Upper

113 100

111 103.3 79.4 119.2

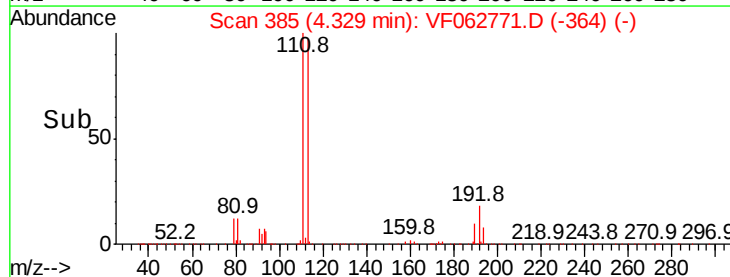
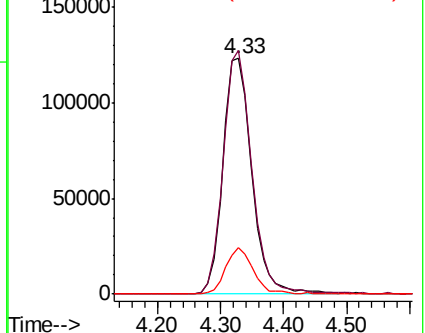
192 19.7 13.4 20.2

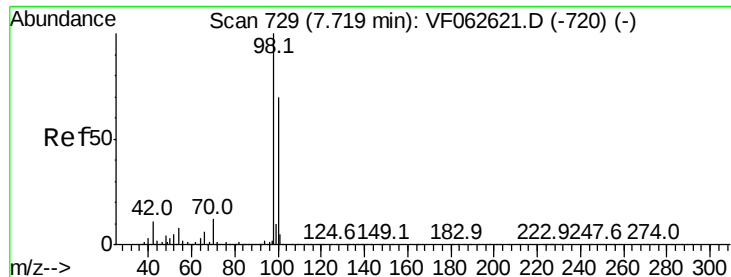


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 43.145 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.01 min

Lab File: VF062771.D

Acq: 28 May 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

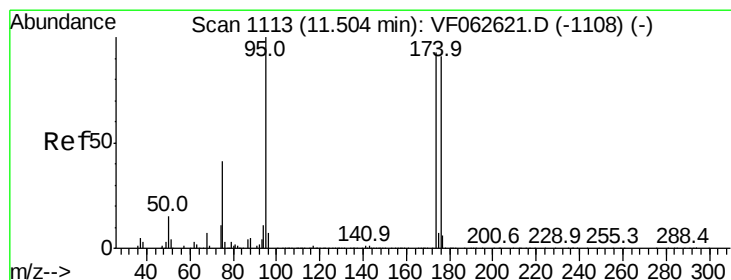
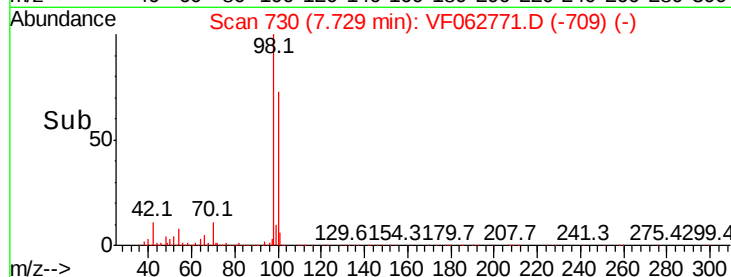
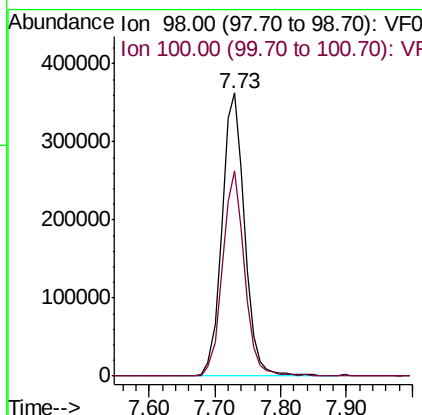
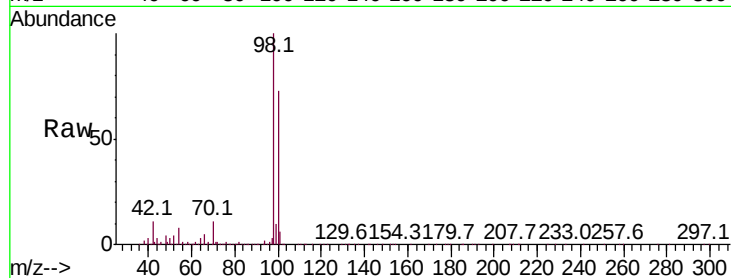
TP-7

Tot Ion: 98 Resp: 873305

Ion Ratio Lower Upper

98 100

100 72.8 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 40.868 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062771.D

Acq: 28 May 2019 20:13

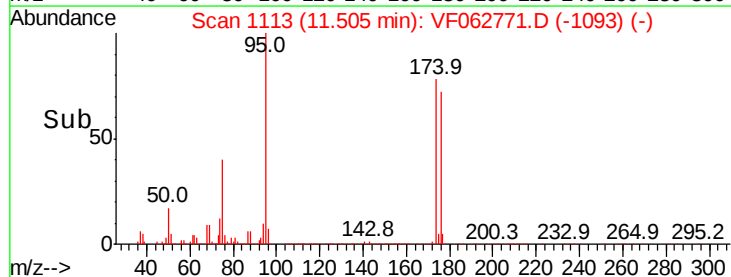
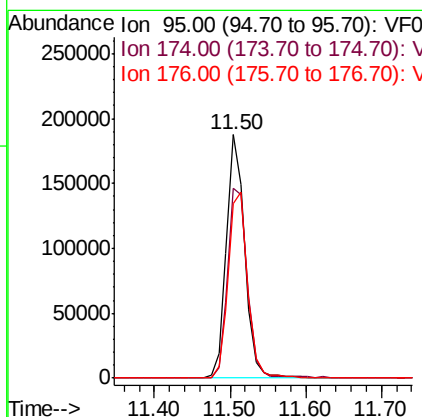
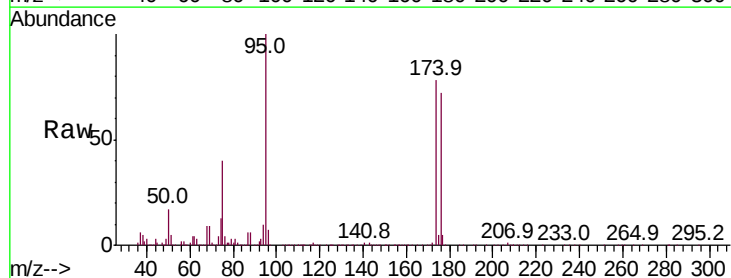
Tgt Ion: 95 Resp: 313734

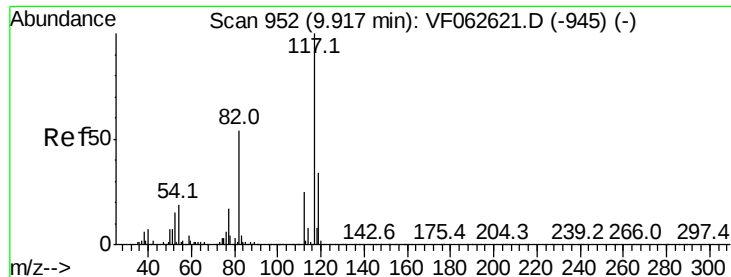
Ion Ratio Lower Upper

95 100

174 77.8 0.0 185.6

176 71.6 0.0 182.4

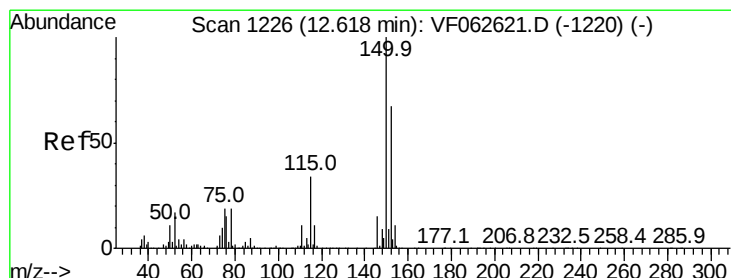
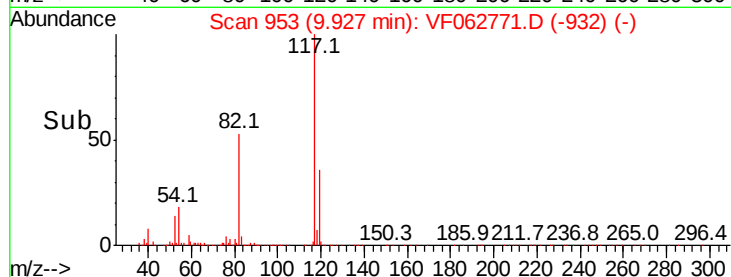
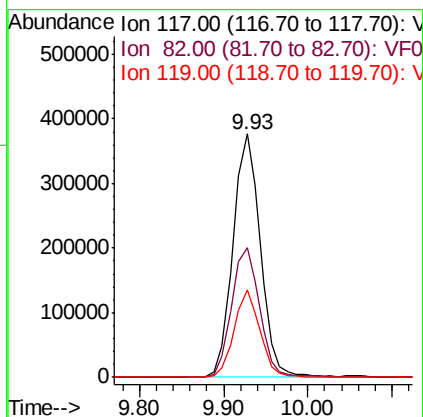
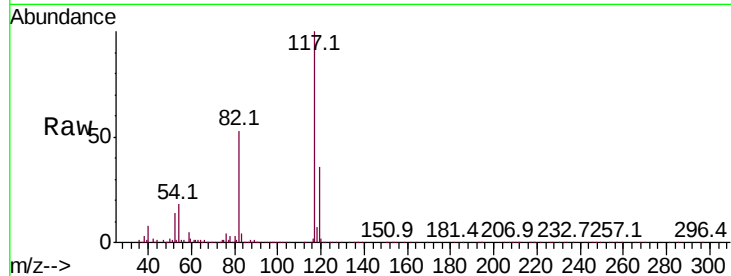




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062771.D
Acq: 28 May 2019 20:13

Instrument :
MSVOA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.3	64.9
119	35.9	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: VF062771.D
Acq: 28 May 2019 20:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	25.2	75.6
150	154.4	0.0	306.2

