

Data File : VF062490.D
Acq On : 12 May 2019 6:38
Operator : FY/SY
Sample : K2756-07
Misc : 5.58g/5mL/MSVOA_F/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0206-01

Quant Time: May 12 12:01:34 2019
Quant Method : Z:\VOASRV\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	5.07	168	120637	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	165347	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	142098	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	66288	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	76926	67.47	ug/l	0.02
Spiked Amount	50.000		Recovery	=	134.94%	
35) Dibromofluoromethane	4.32	113	79594	60.42	ug/l	0.02
Spiked Amount	50.000		Recovery	=	120.84%	
50) Toluene-d8	7.72	98	112740	35.36	ug/l	0.02
Spiked Amount	50.000		Recovery	=	70.72%	
62) 4-Bromofluorobenzene	11.50	95	51511	35.81	ug/l	0.01
Spiked Amount	50.000		Recovery	=	71.62%	

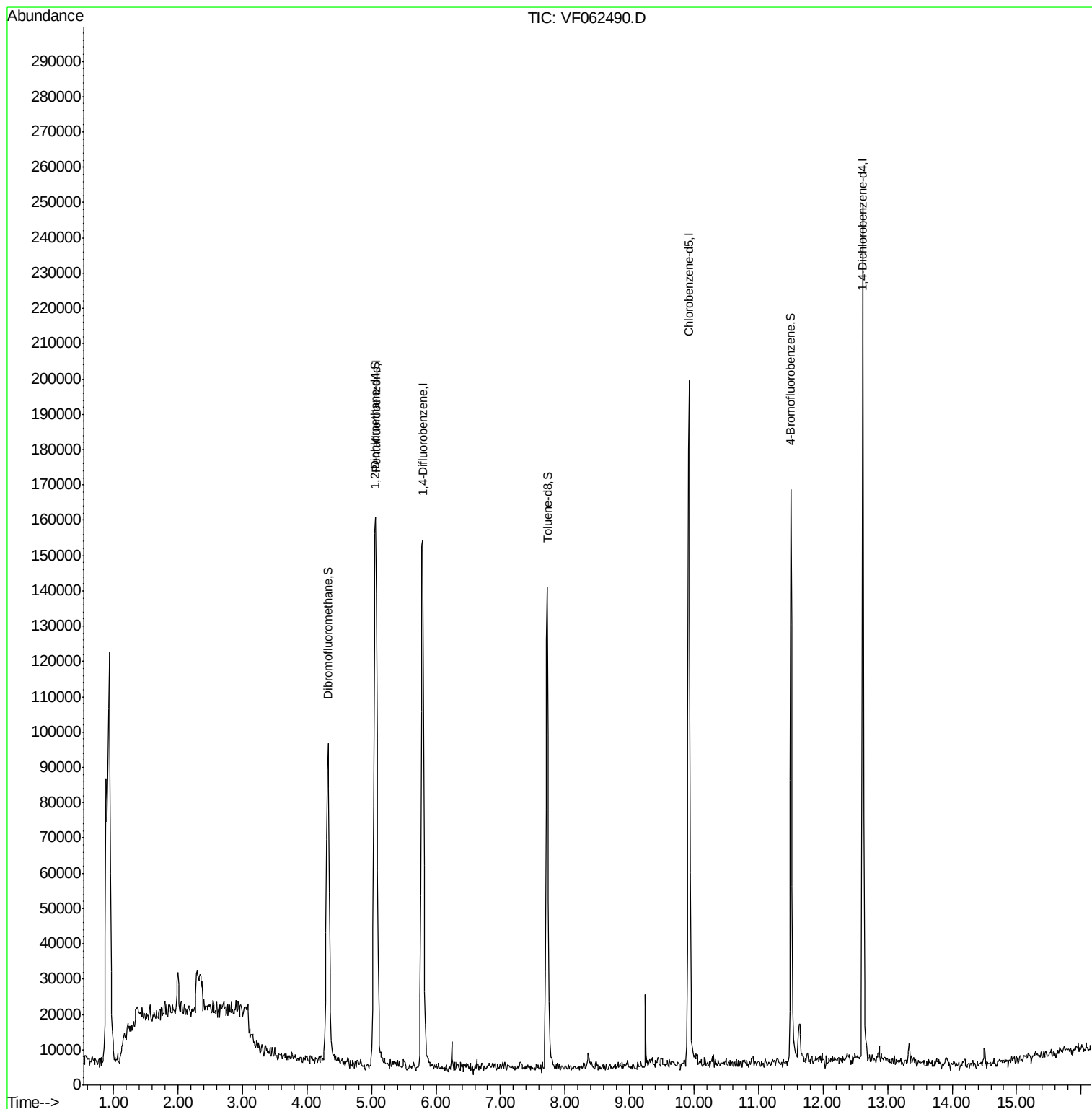
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

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ClientSampleId :

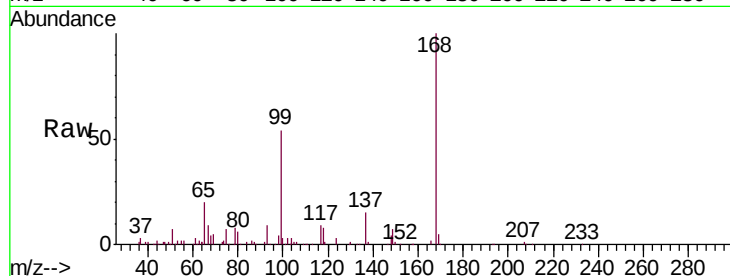
P021-SS006-0206-01

Tgt Ion:168 Resp: 120637

Ion Ratio Lower Upper

168 100

99 54.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.07

40000

30000

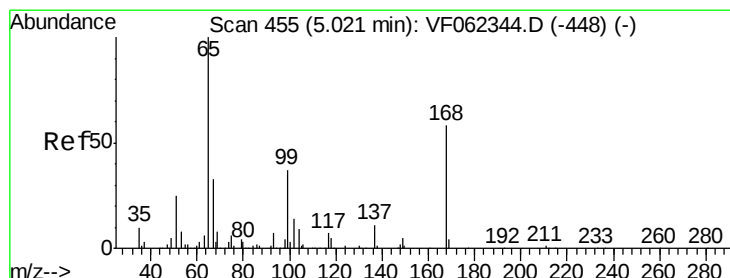
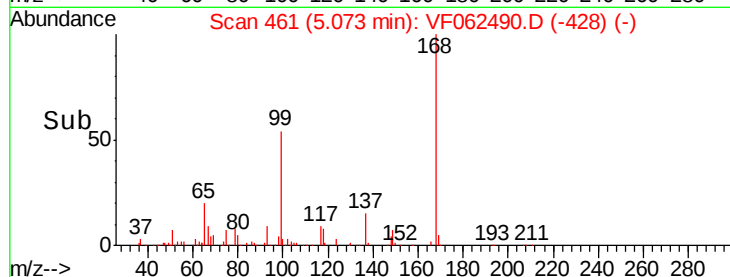
20000

10000

0

Time-->

5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 67.475 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062490.D

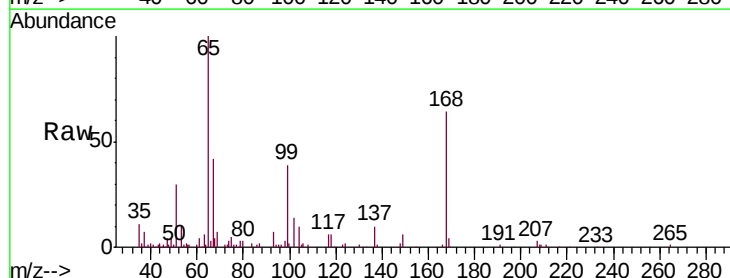
Acq: 12 May 2019 6:38

Tgt Ion: 65 Resp: 76926

Ion Ratio Lower Upper

65 100

67 46.0 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

30000

25000

20000

15000

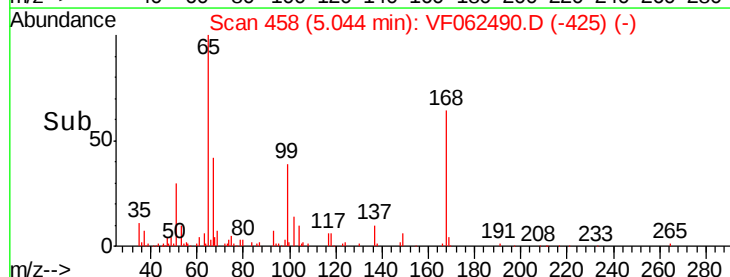
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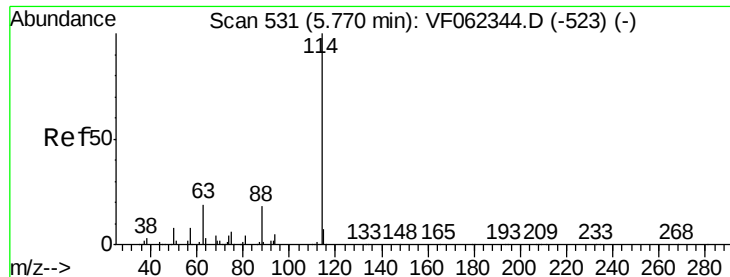
5000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062490.D

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Instrument :

MSVOA_F

ClientSampleId :

P021-SS006-0206-01

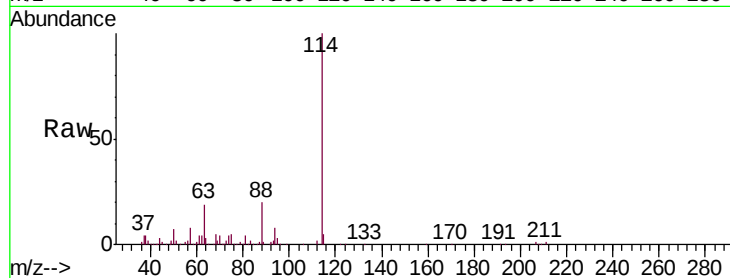
Tgt Ion:114 Resp: 165347

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

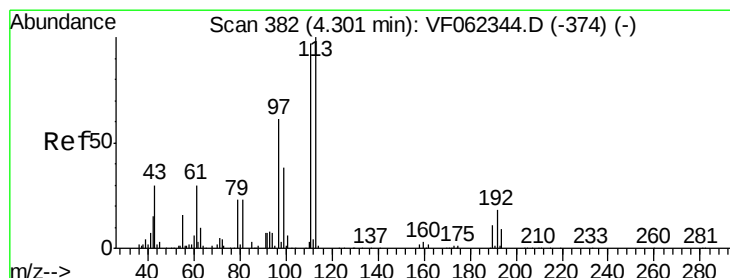
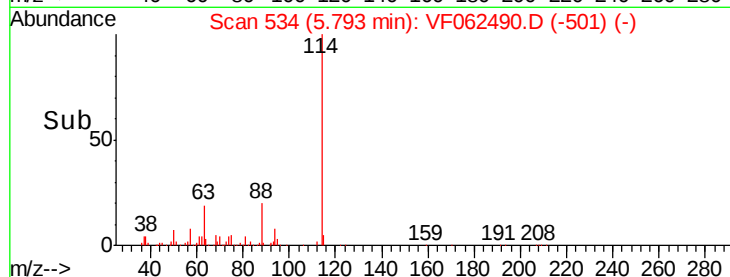
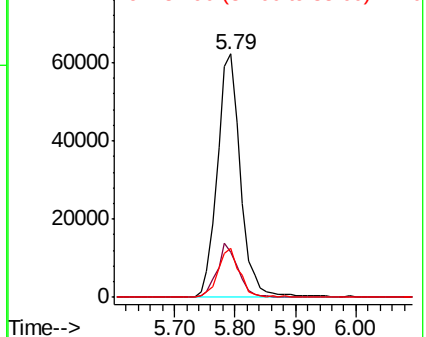
88 20.2 0.0 36.4



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: 60.422 ug/l

RT: 4.32 min Scan# 385

Delta R.T. 0.02 min

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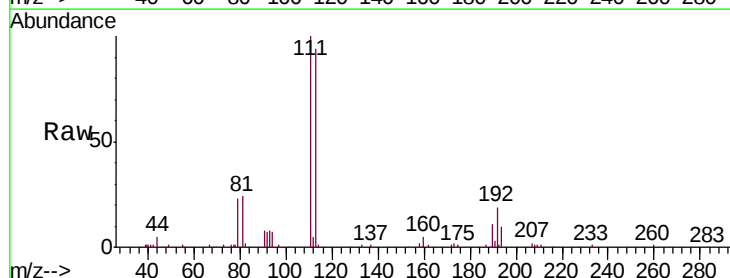
Tgt Ion:113 Resp: 79594

Ion Ratio Lower Upper

113 100

111 107.8 79.4 119.0

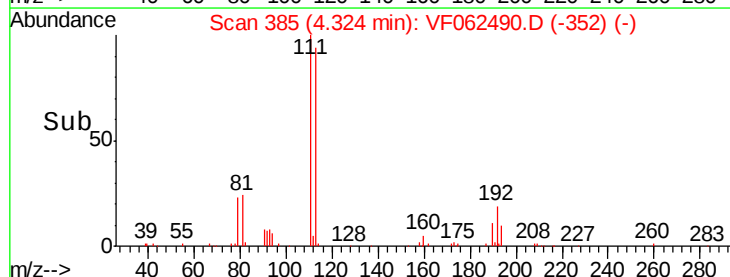
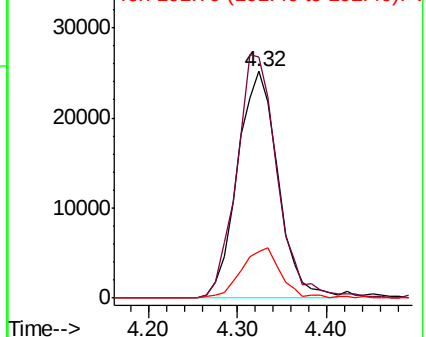
192 21.4 16.0 24.0

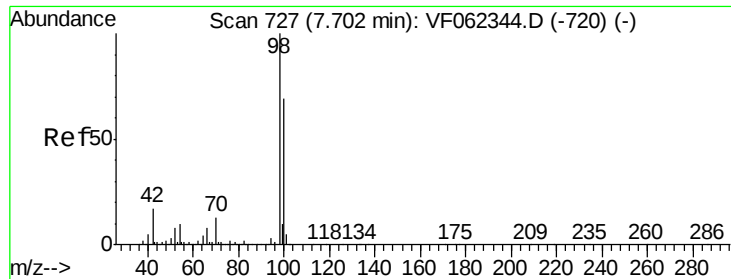


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

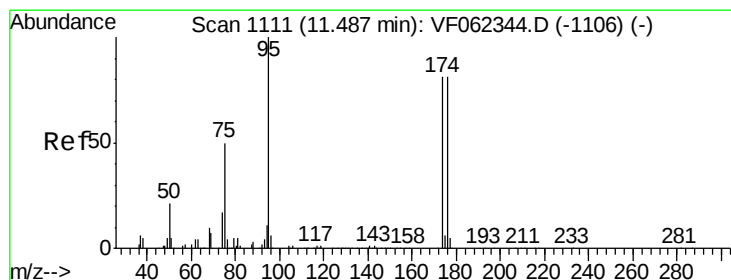
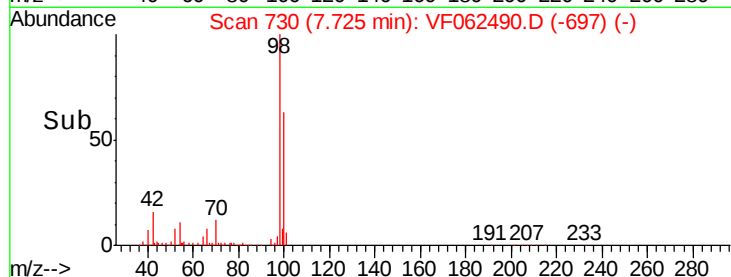
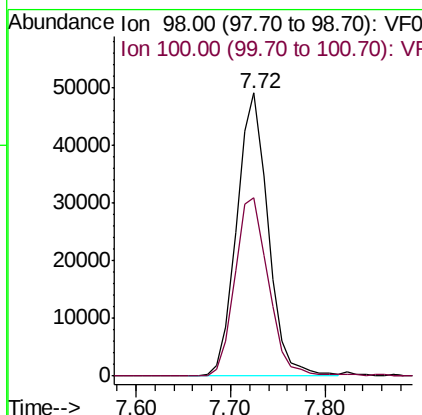
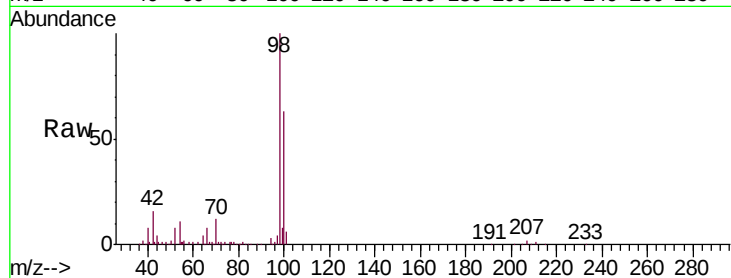




#50
Toluene-d8
Concen: 35.356 ug/l
RT: 7.72 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062490.D
Acq: 12 May 2019 6:38

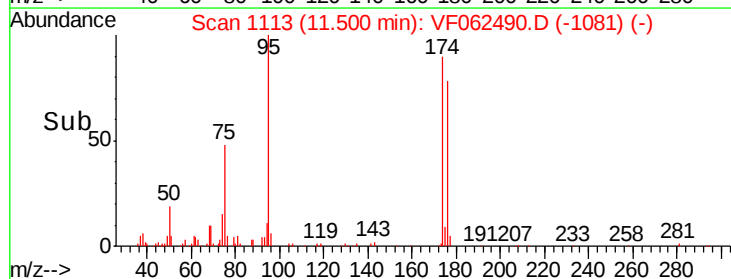
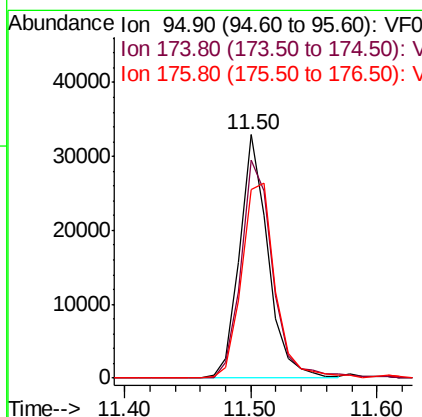
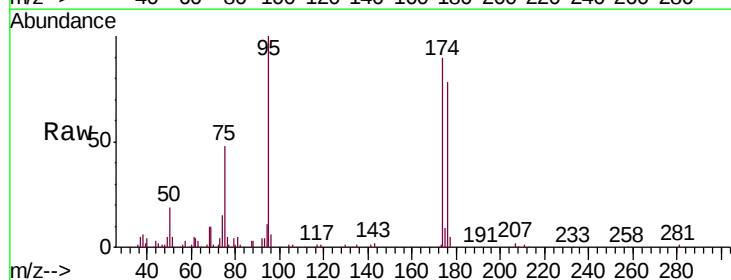
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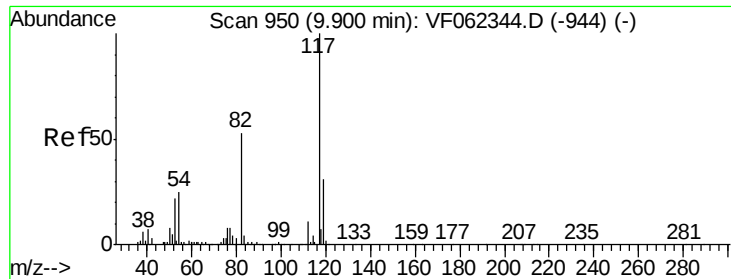
Tgt Ion: 98 Resp: 112740
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 35.806 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062490.D
Acq: 12 May 2019 6:38

Tgt Ion: 95 Resp: 51511
Ion Ratio Lower Upper
95 100
174 100.2 0.0 191.8
176 95.1 0.0 193.2

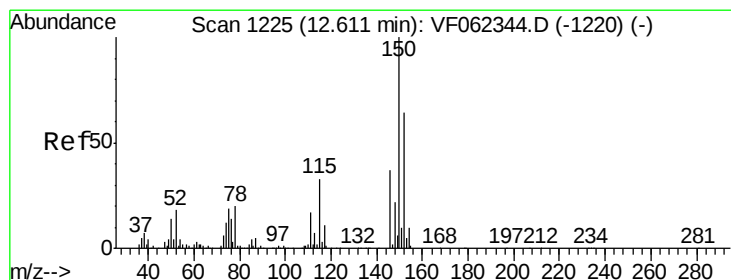
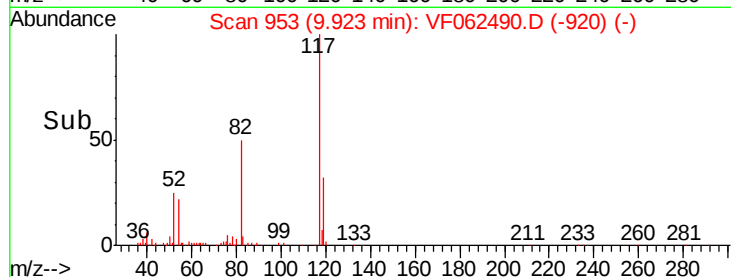
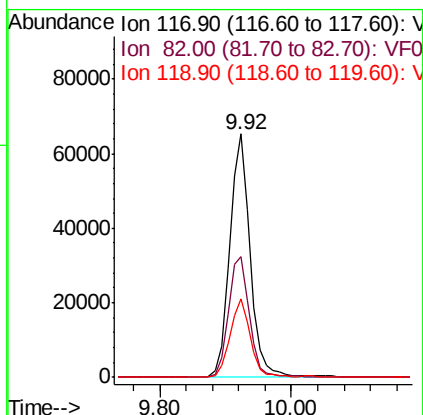
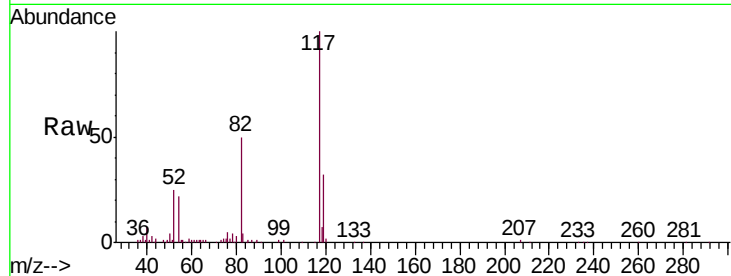




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.92 min Scan# 953
 Delta R.T. 0.02 min
 Lab File: VF062490.D
 Acq: 12 May 2019 6:38

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS006-0206-01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.2	63.2
119	32.5	25.0	37.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.62 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: VF062490.D
 Acq: 12 May 2019 6:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	26.4	79.2
150	161.8	0.0	335.0

