

Data File : VF062483.D
Acq On : 12 May 2019 3:23
Operator : FY/SY
Sample : K2733-21
Misc : 6.65g/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Quant Time: May 12 05:21:17 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	223323	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	317410	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	270637	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	149319	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	94665	44.85	ug/l	0.02
Spiked Amount	50.000		Recovery	=	89.70%	
35) Dibromofluoromethane	4.33	113	122187	48.32	ug/l	0.02
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	7.73	98	206741	33.77	ug/l	0.02
Spiked Amount	50.000		Recovery	=	67.54%	
62) 4-Bromofluorobenzene	11.50	95	93460	33.84	ug/l	0.01
Spiked Amount	50.000		Recovery	=	67.68%	

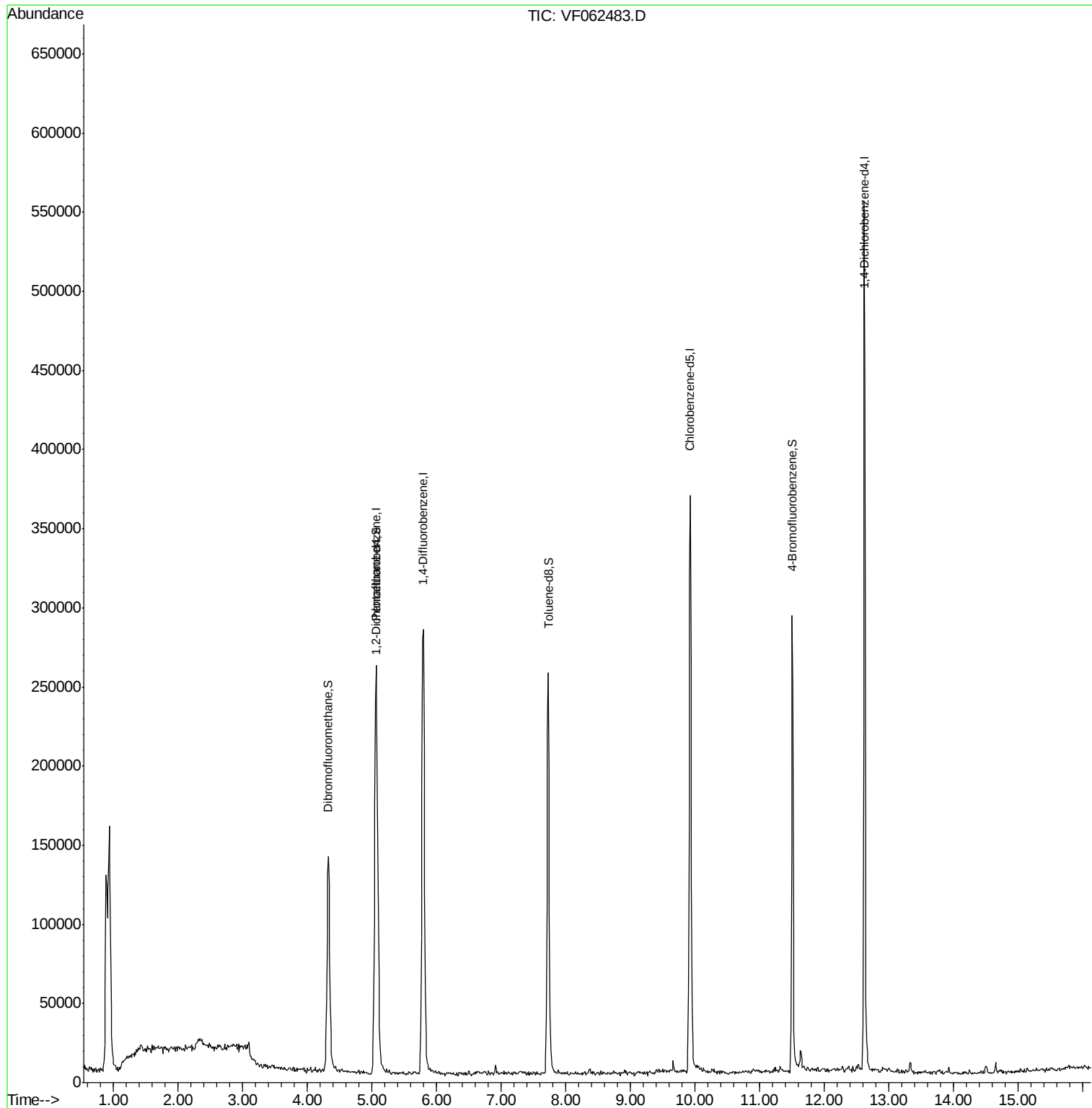
Target Compounds	Qvalue
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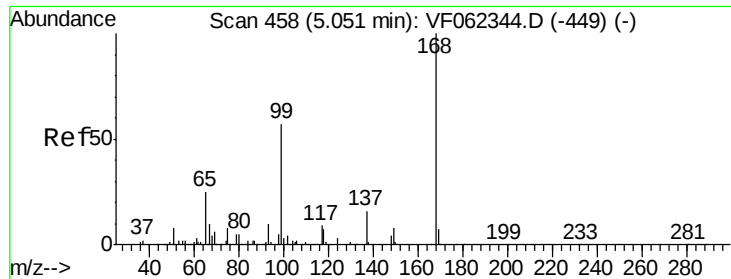
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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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Acq: 12 May 2019 3:23

Instrument :

MSVOA_F

ClientSampleId :

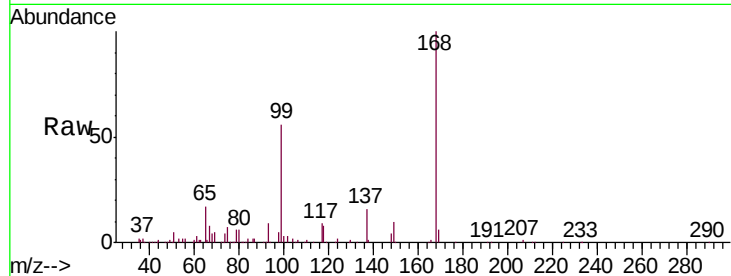
P021-SS004-0612-01

Tgt Ion:168 Resp: 223323

Ion Ratio Lower Upper

168 100

99 56.4 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

80000

60000

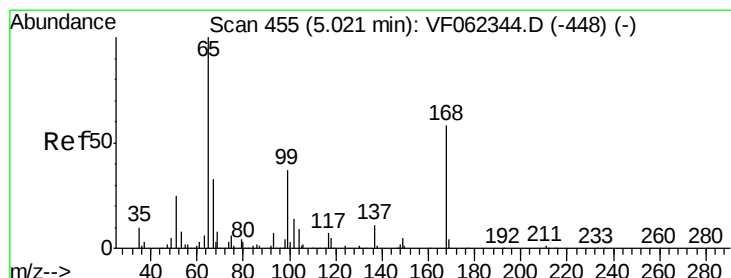
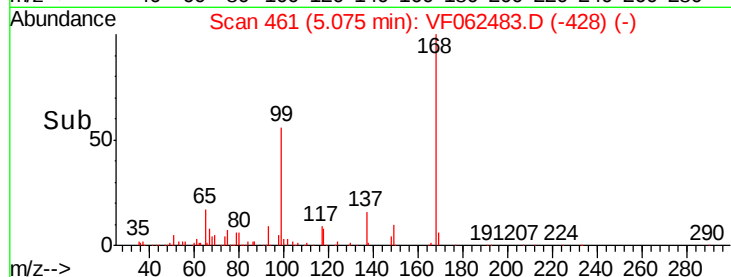
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 44.854 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062483.D

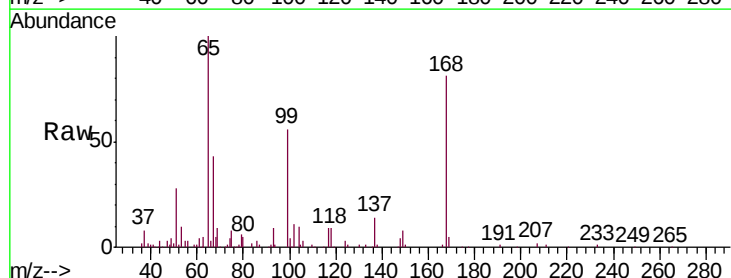
Acq: 12 May 2019 3:23

Tgt Ion: 65 Resp: 94665

Ion Ratio Lower Upper

65 100

67 43.7 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

40000

30000

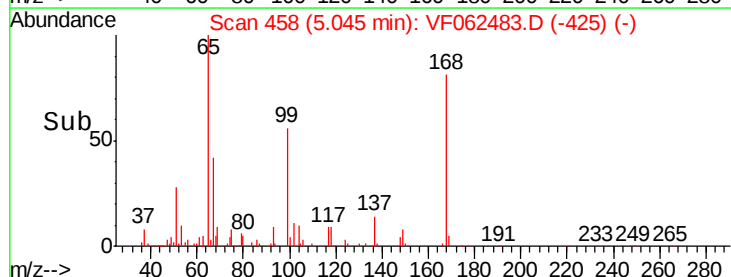
20000

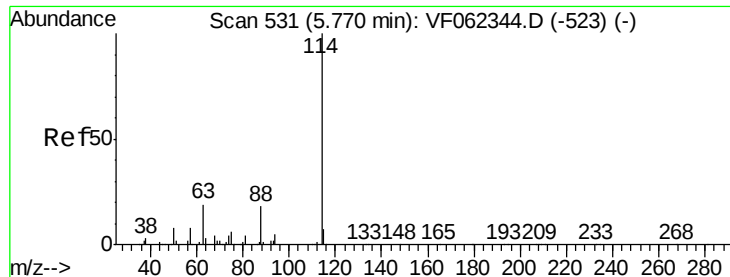
10000

0

Time-->

4.90 5.00 5.10 5.20

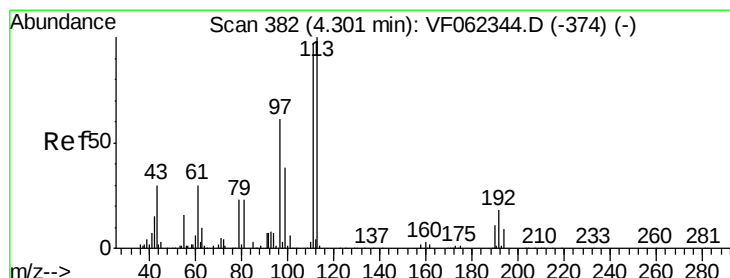
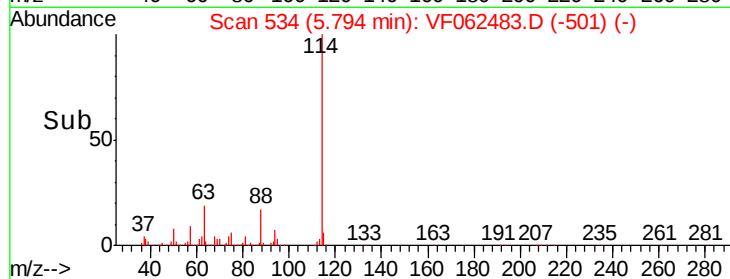
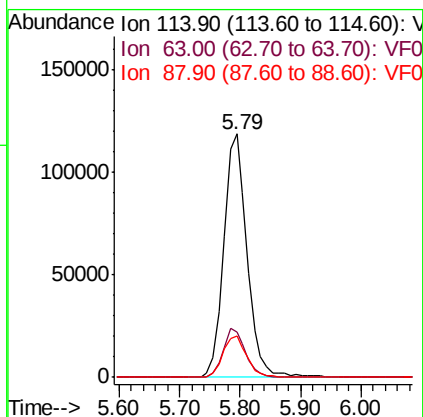
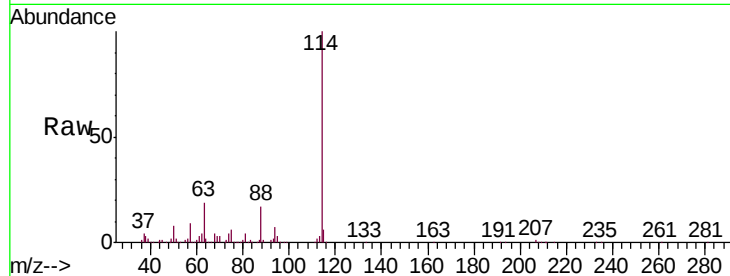




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VF062483.D
 Acq: 12 May 2019 3:23

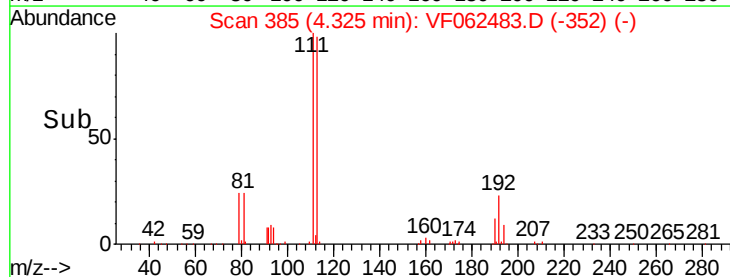
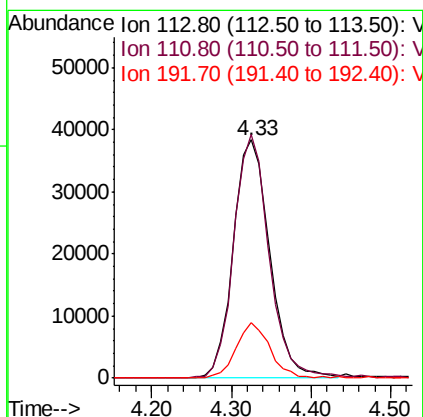
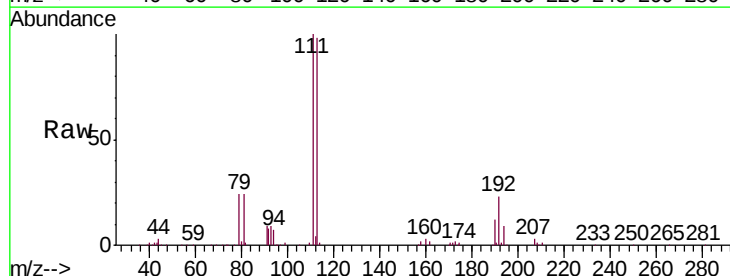
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS004-0612-01

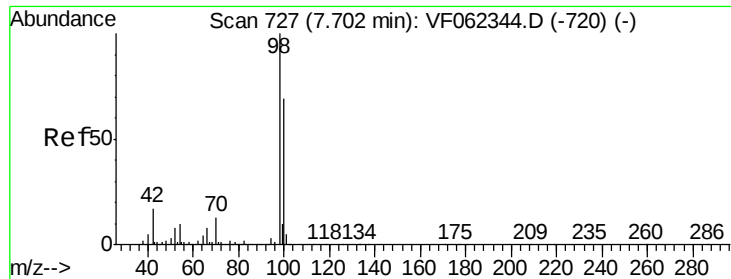
Tgt Ion:	114	Resp:	317410
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	37.4
88	16.9	0.0	36.4



#35
 Dibromofluoromethane
 Concen: 48.319 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. 0.02 min
 Lab File: VF062483.D
 Acq: 12 May 2019 3:23

Tgt Ion:	113	Resp:	122187
Ion	Ratio	Lower	Upper
113	100		
111	99.0	79.4	119.0
192	21.7	16.0	24.0





#50

Toluene-d8

Concen: 33.774 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.02 min

Lab File: VF062483.D

Acq: 12 May 2019 3:23

Instrument :

MSVOA_F

ClientSampleId :

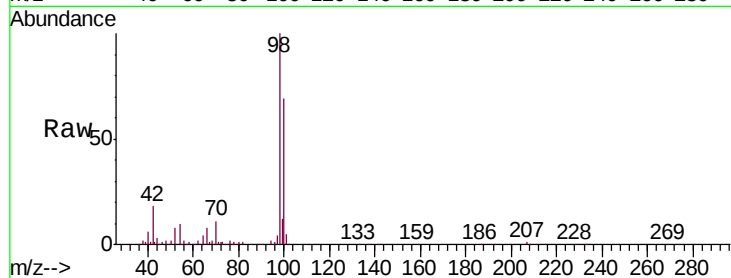
P021-SS004-0612-01

Tgt Ion: 98 Resp: 206741

Ion Ratio Lower Upper

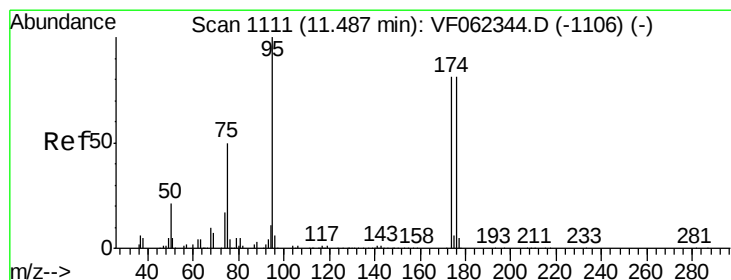
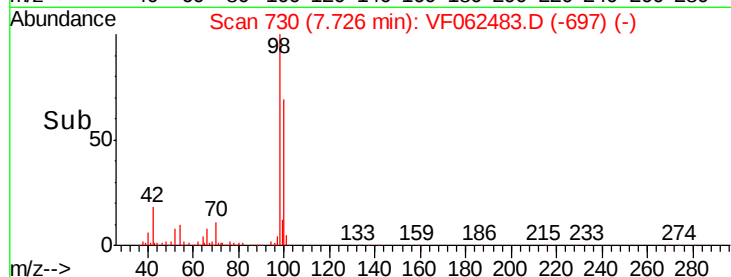
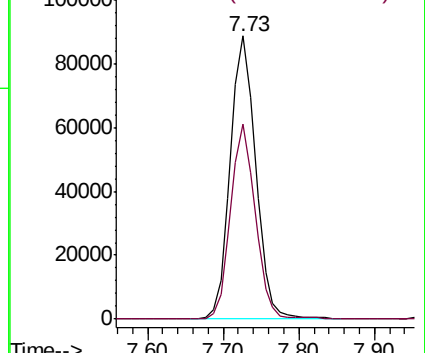
98 100

100 66.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 33.842 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062483.D

Acq: 12 May 2019 3:23

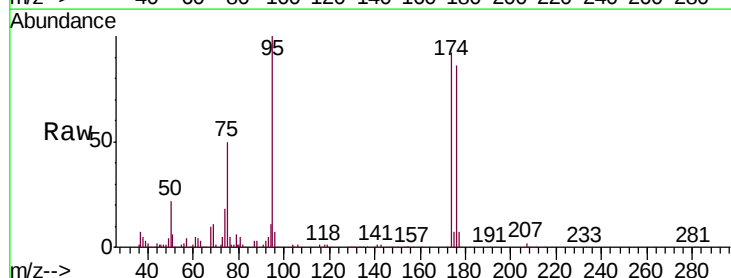
Tgt Ion: 95 Resp: 93460

Ion Ratio Lower Upper

95 100

174 101.1 0.0 191.8

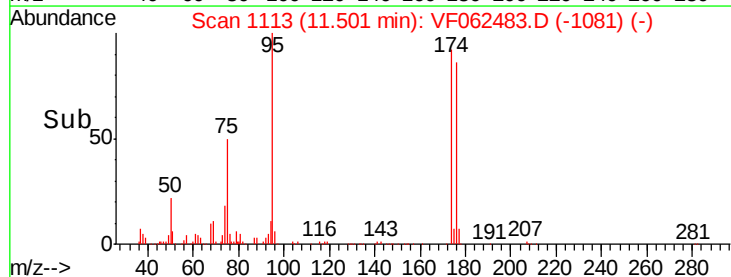
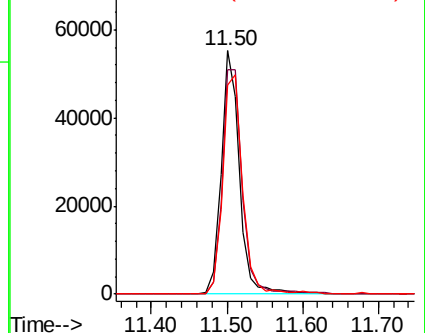
176 97.8 0.0 193.2

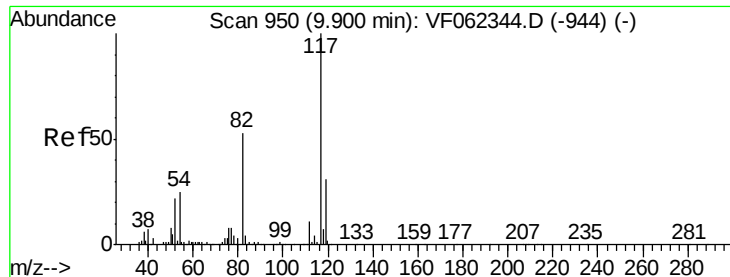


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

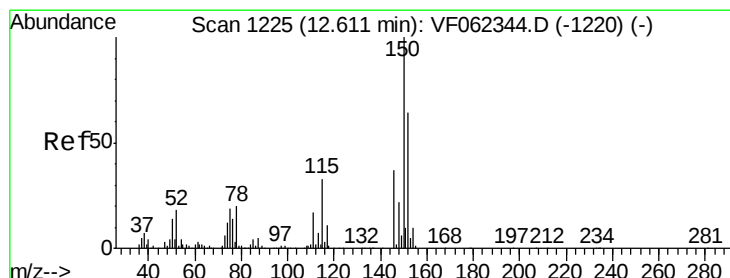
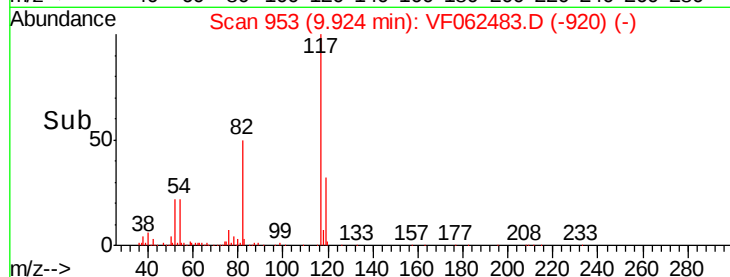
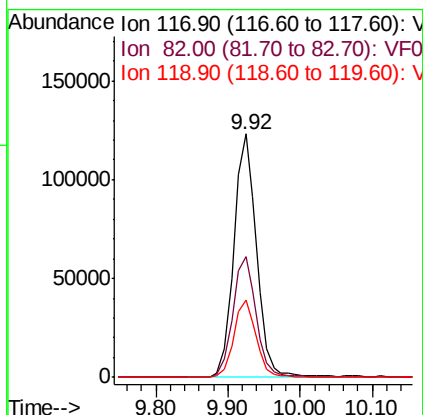
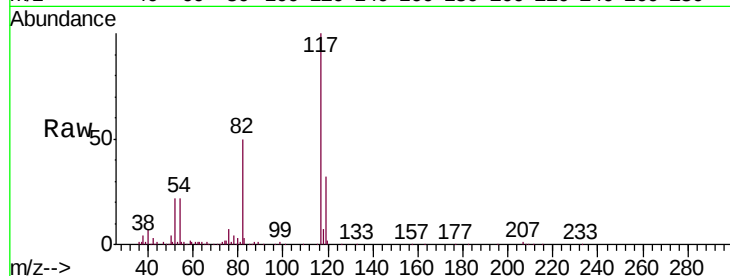




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0612-01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.5	42.2	63.2
119	31.8	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062483.D
Acq: 12 May 2019 3:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.4	79.2
150	155.9	0.0	335.0

