

Data File : VF062472.D
Acq On : 11 May 2019 20:51
Operator : FY/SY
Sample : K2734-20
Misc : 5.94/5mL/MSVOA_F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1824-01

Quant Time: May 12 04:50:52 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	5.06	168	142103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	217948	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	172639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	85006	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	101955	75.92	ug/l	0.02
Spiked Amount	50.000		Recovery	=	151.84%	
35) Dibromofluoromethane	4.31	113	117582	67.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.44%	
50) Toluene-d8	7.71	98	145011	34.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.00%	
62) 4-Bromofluorobenzene	11.50	95	63912	33.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.40%	

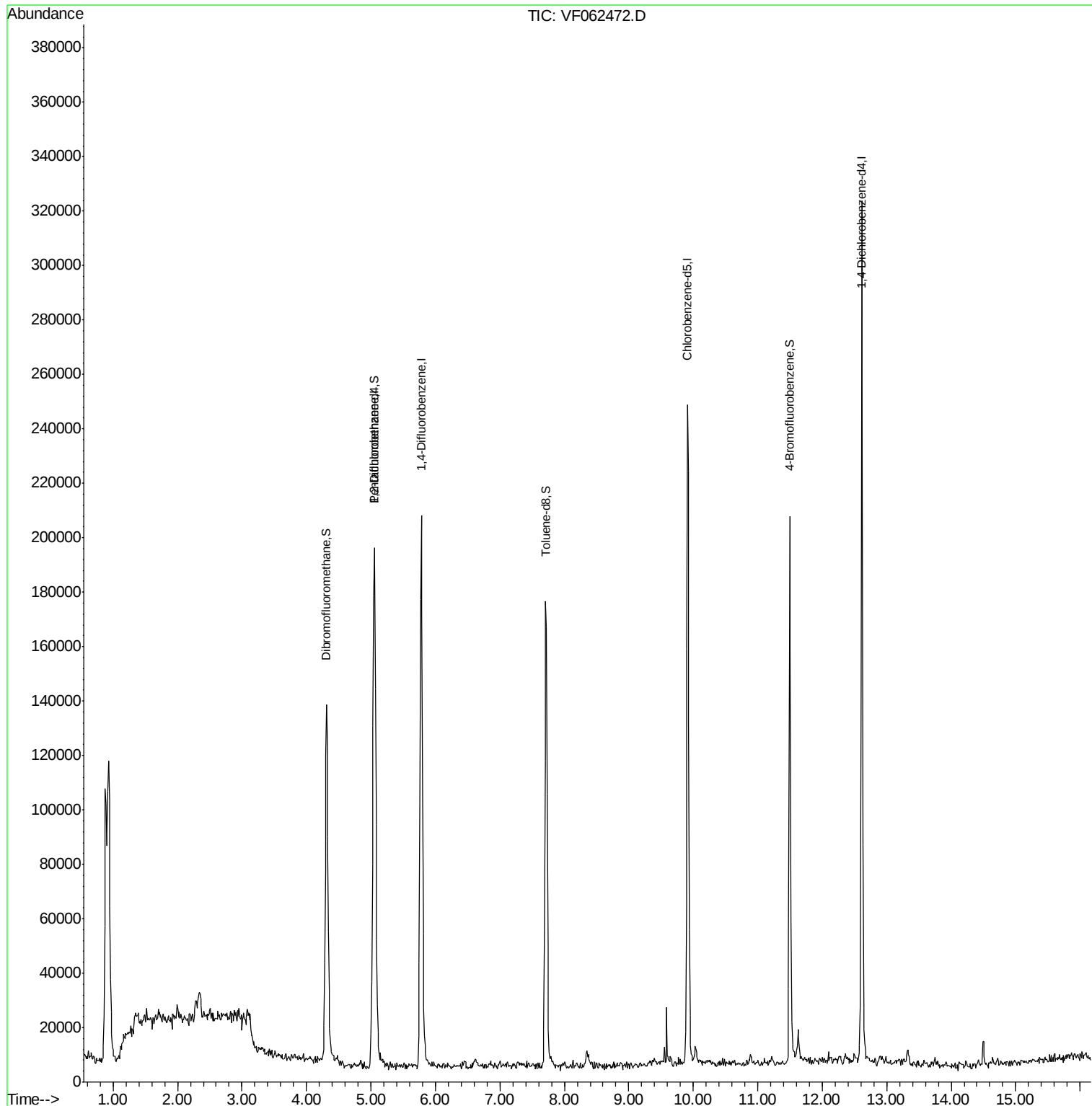
Target Compounds	Qvalue
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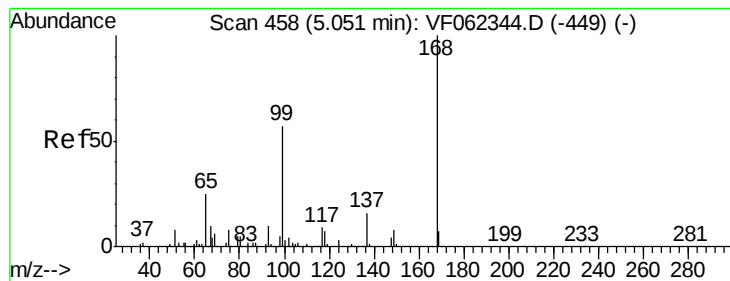
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

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MSVOA_F

ClientSampleId :

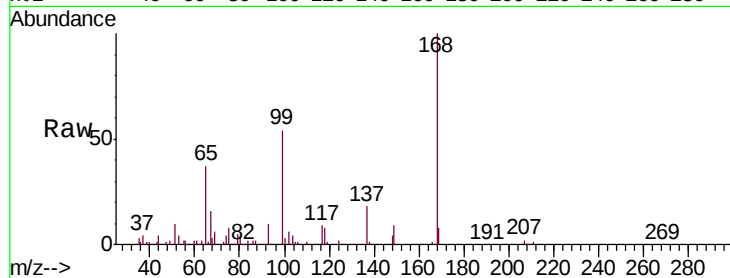
P026-SS014-1824-01

Tgt Ion:168 Resp: 142103

Ion Ratio Lower Upper

168 100

99 53.7 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

50000

40000

30000

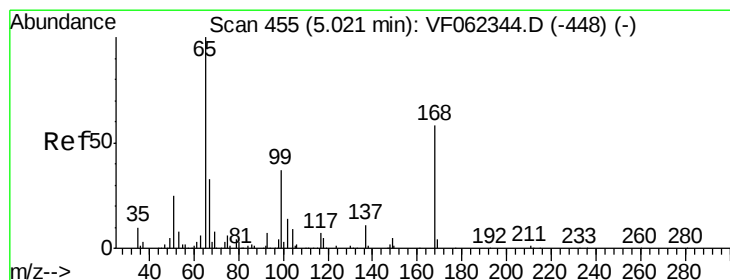
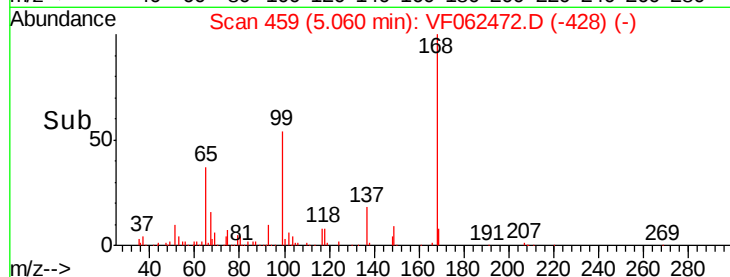
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 75.920 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062472.D

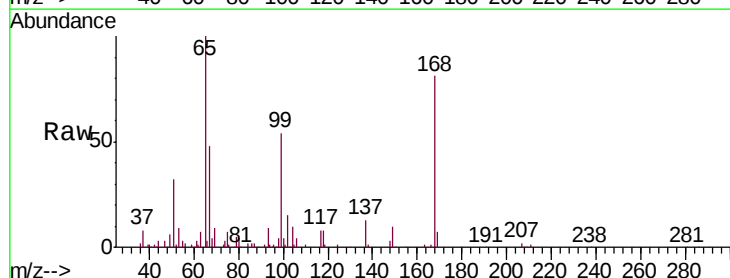
Acq: 11 May 2019 20:51

Tgt Ion: 65 Resp: 101955

Ion Ratio Lower Upper

65 100

67 44.9 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

40000

30000

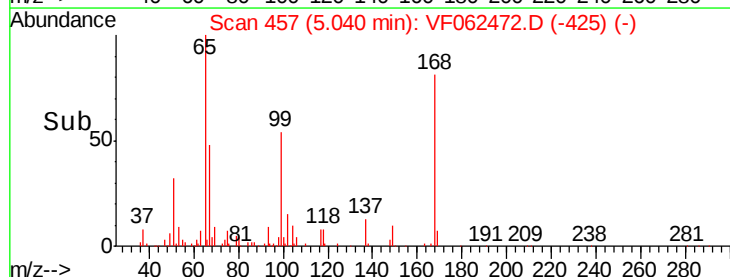
20000

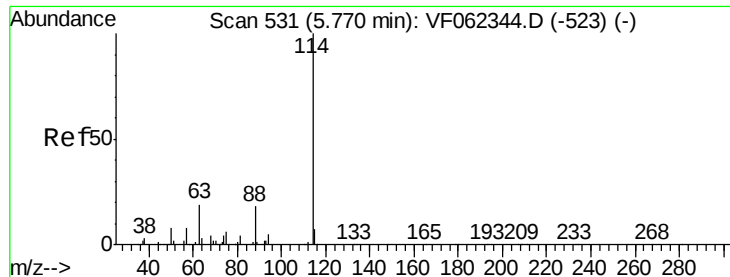
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

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P026-SS014-1824-01

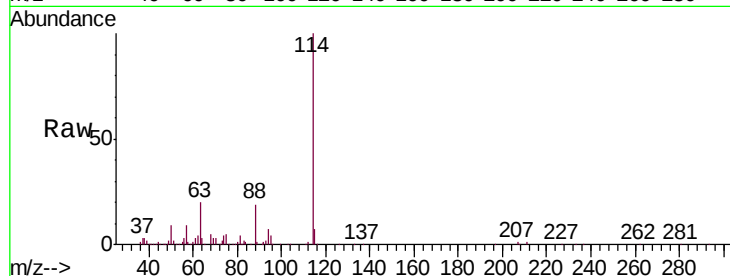
Tgt Ion:114 Resp: 217948

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

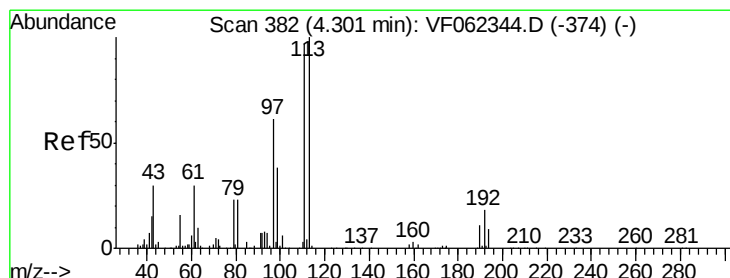
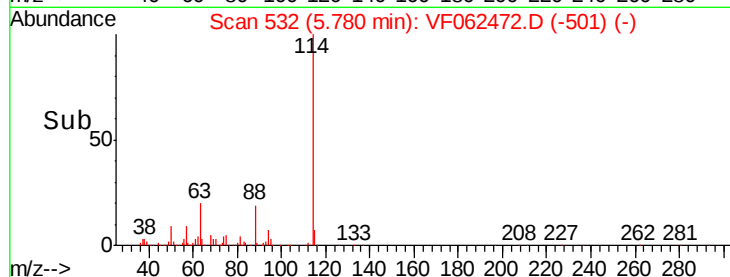
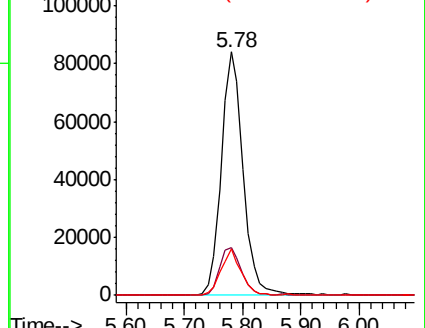
88 19.3 0.0 36.4



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: 67.718 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062472.D

Acq: 11 May 2019 20:51

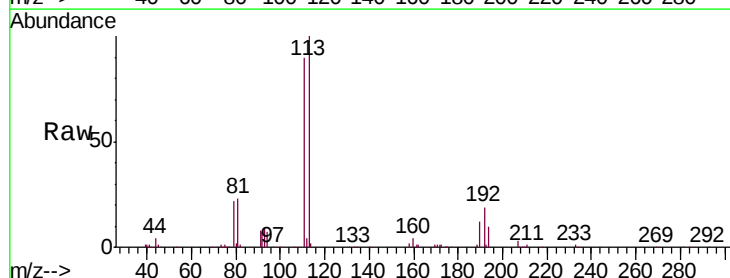
Tgt Ion:113 Resp: 117582

Ion Ratio Lower Upper

113 100

111 96.6 79.4 119.0

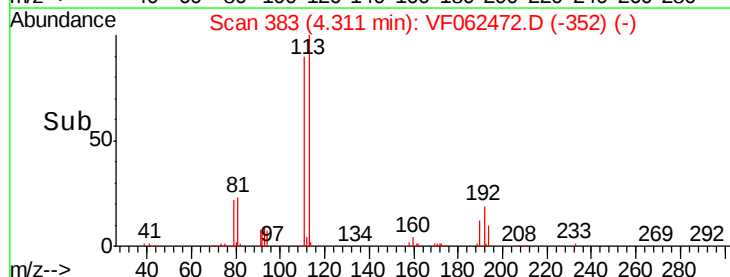
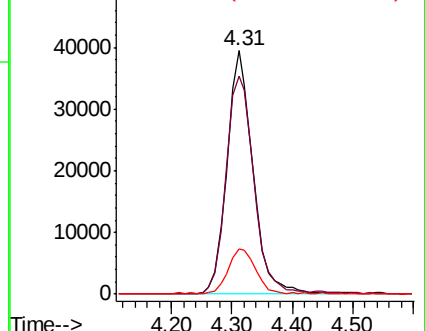
192 20.0 16.0 24.0

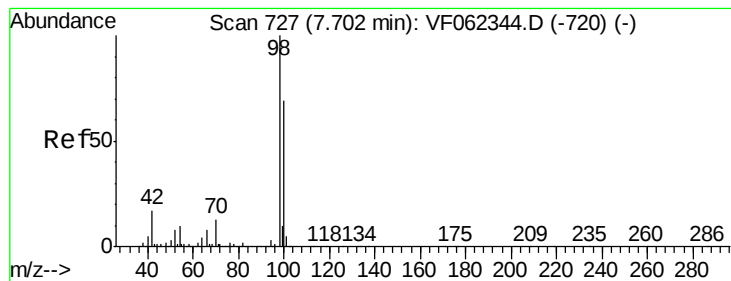


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 34.501 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF062472.D

Acq: 11 May 2019 20:51

Instrument :

MSVOA_F

ClientSampleId :

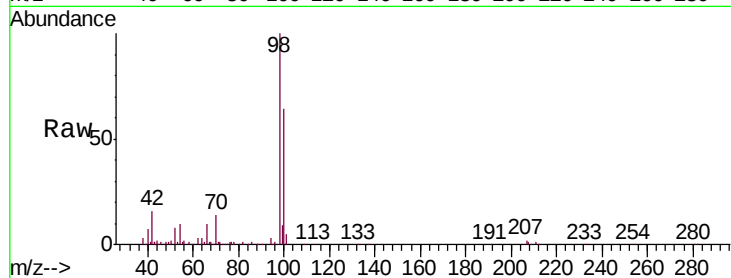
P026-SS014-1824-01

Tgt Ion: 98 Resp: 145011

Ion Ratio Lower Upper

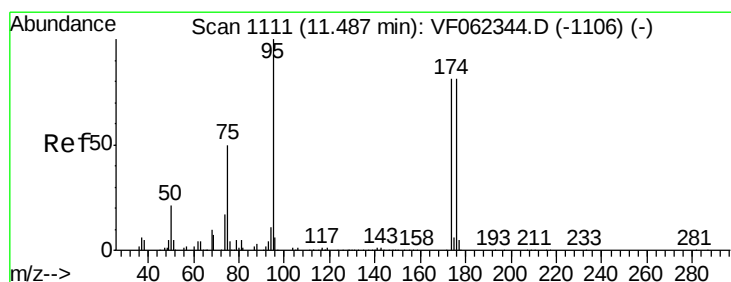
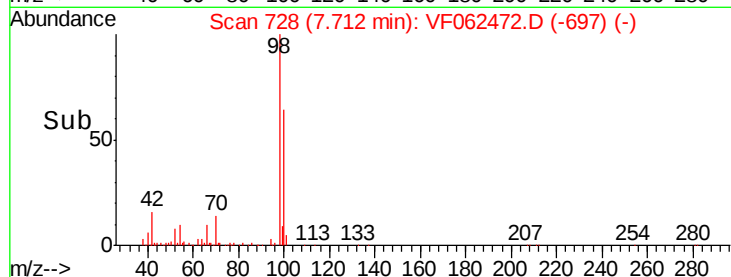
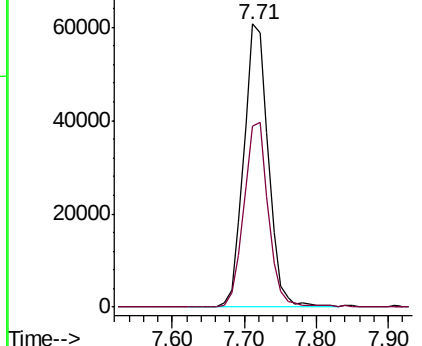
98 100

100 65.4 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: 33.704 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062472.D

Acq: 11 May 2019 20:51

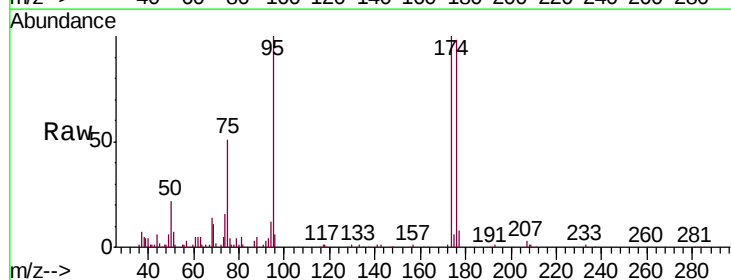
Tgt Ion: 95 Resp: 63912

Ion Ratio Lower Upper

95 100

174 99.8 0.0 191.8

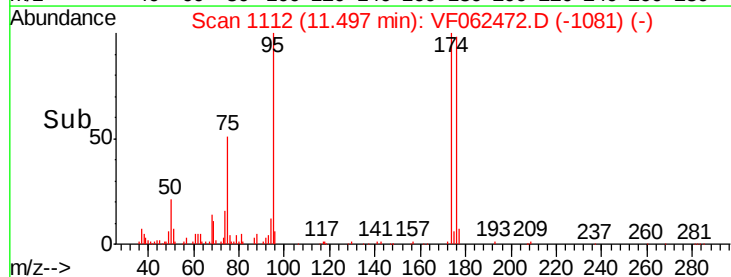
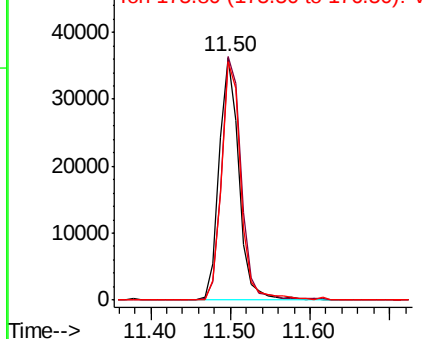
176 95.9 0.0 193.2

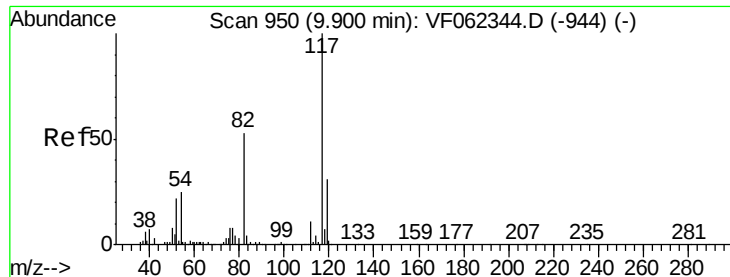


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

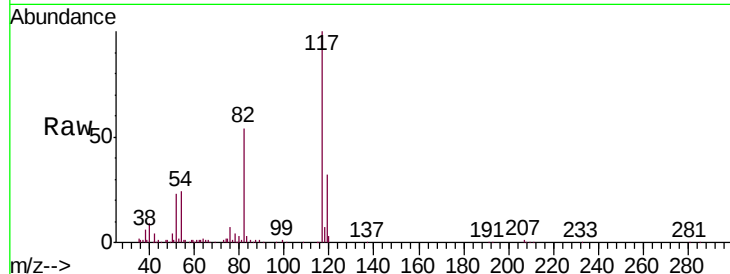




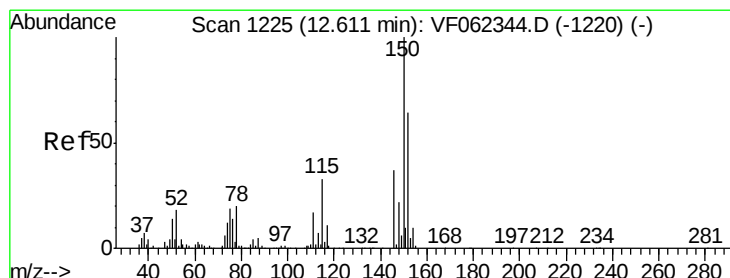
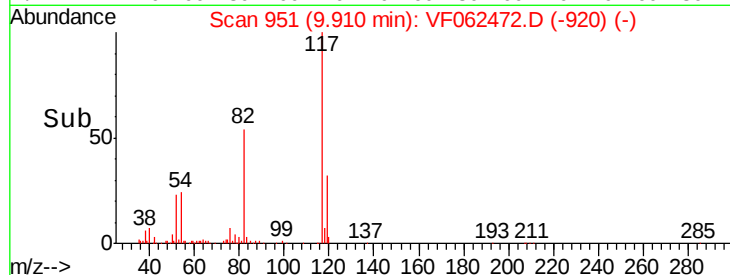
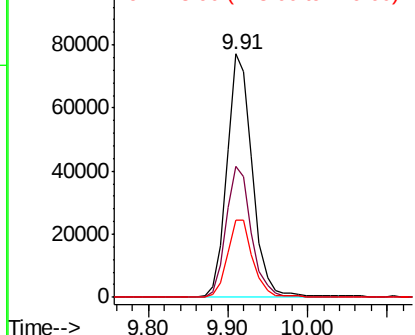
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.01 min
Lab File: VF062472.D
Acq: 11 May 2019 20:51

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1824-01

Tgt Ion:117 Resp: 172639
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.2
119 31.5 25.0 37.4

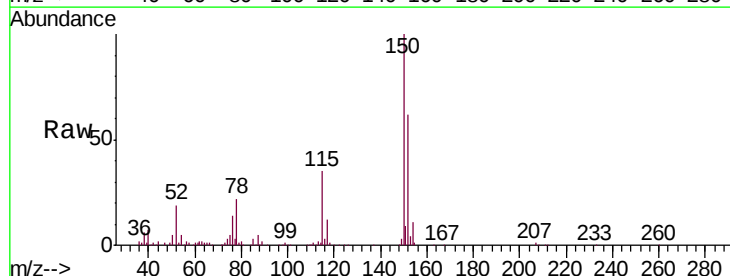


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062472.D
Acq: 11 May 2019 20:51

Tgt Ion:152 Resp: 85006
Ion Ratio Lower Upper
152 100
115 53.5 26.4 79.2
150 158.4 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

