

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062274.D
 Acq On : 23 Apr 2019 20:13
 Operator : FY/SY
 Sample : K2515-18
 Misc : 7.85g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-13-2

Quant Time: Apr 24 07:05:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	422350	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	577986	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	422776	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	198030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	179984	46.47	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	92.94%	
35) Dibromofluoromethane	4.31	113	232948	46.07	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	92.14%	
50) Toluene-d8	7.72	98	476560	37.24	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	74.48%	
62) 4-Bromofluorobenzene	11.50	95	187063	37.99	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	75.98%	

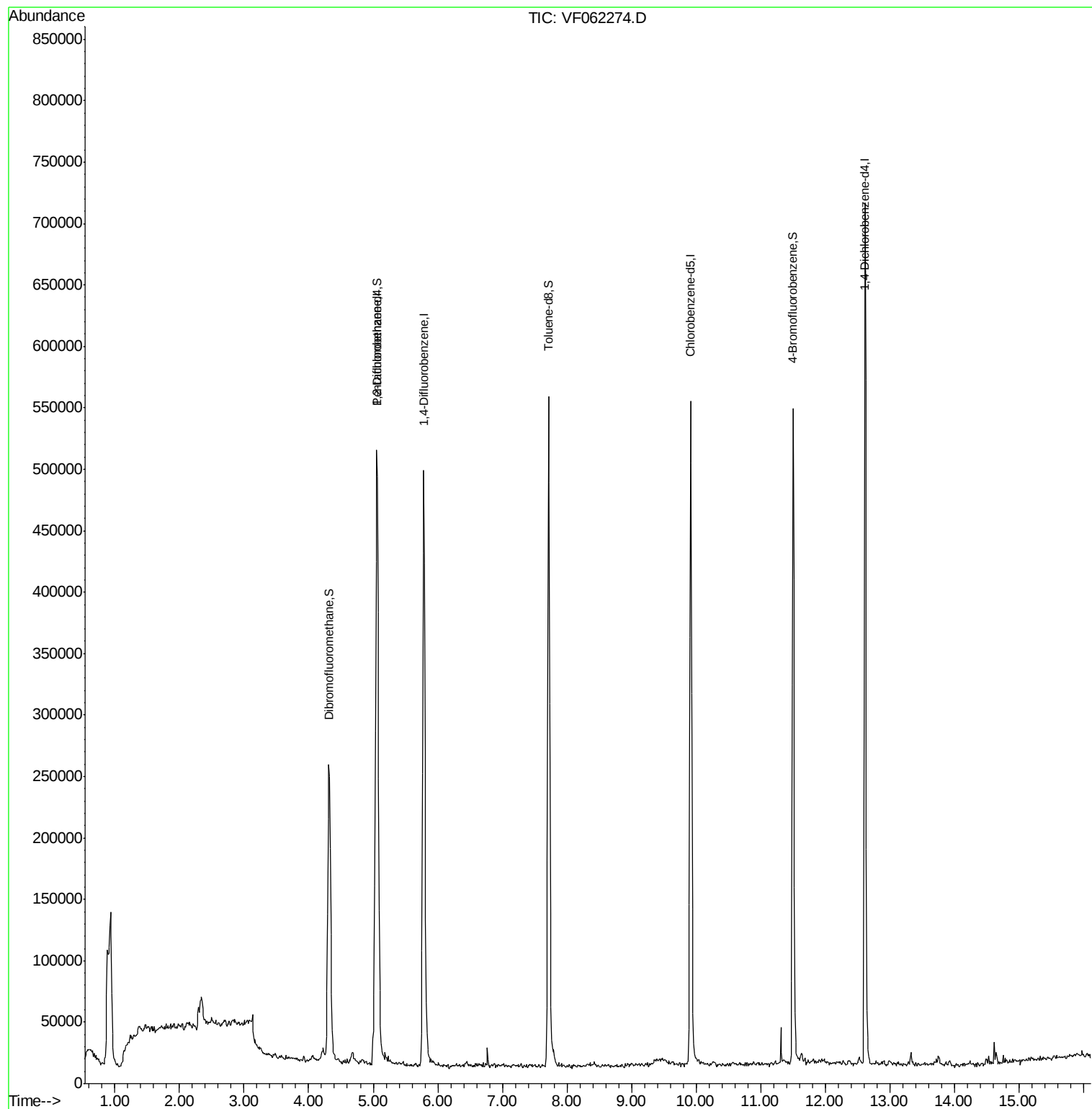
Target Compounds	Qvalue
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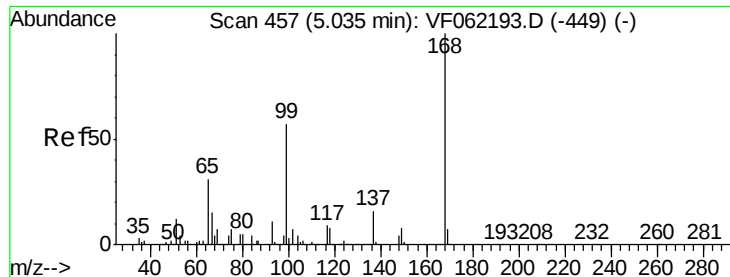
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062274.D

Acq: 23 Apr 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

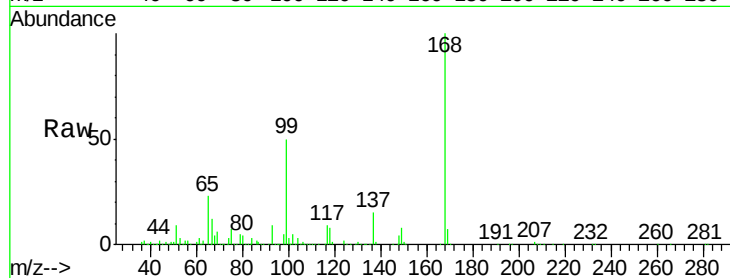
TP-13-2

Tot Ion:168 Resp: 422350

Ion Ratio Lower Upper

168 100

99 49.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

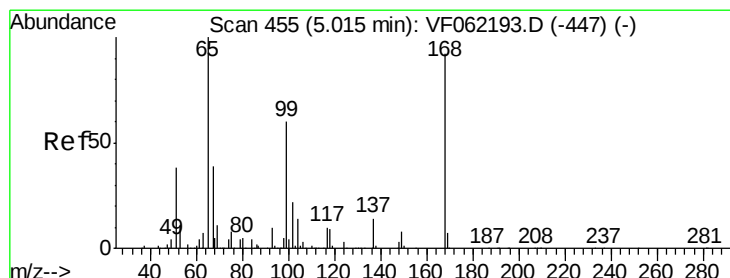
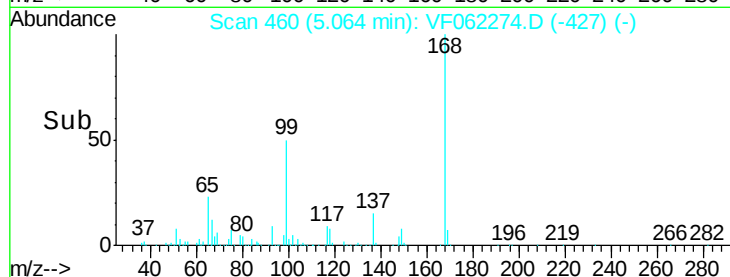
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.475 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062274.D

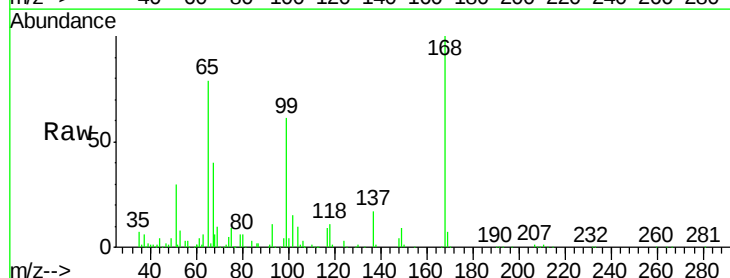
Acq: 23 Apr 2019 20:13

Tgt Ion: 65 Resp: 179984

Ion Ratio Lower Upper

65 100

67 49.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

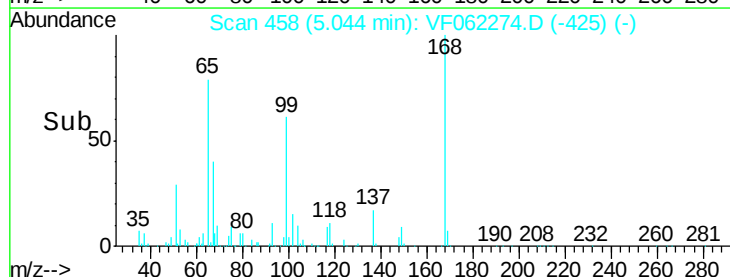
60000

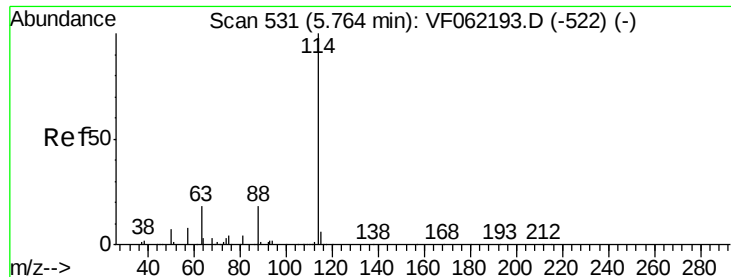
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062274.D

Acq: 23 Apr 2019 20:13

Instrument :

MSVOA_F

ClientSampled :

TP-13-2

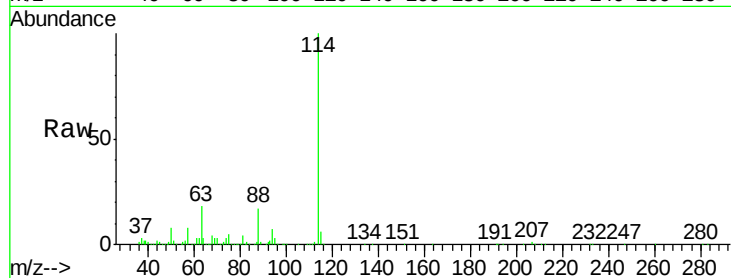
Tot Ion:114 Resp: 577986

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

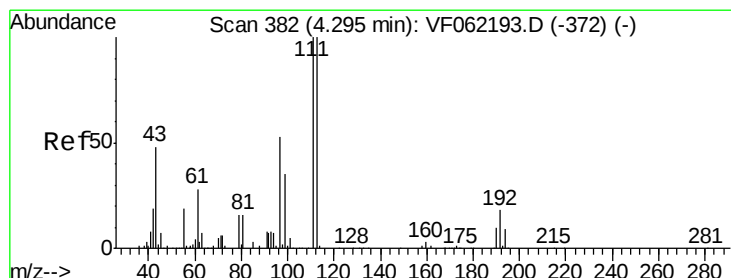
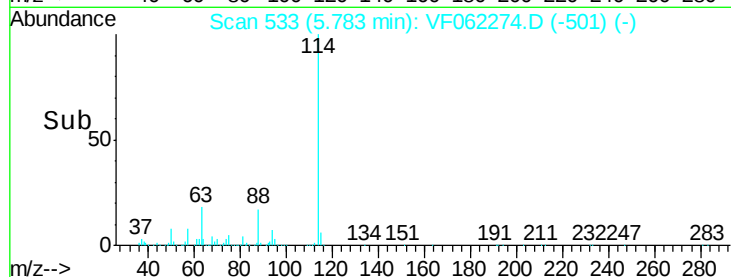
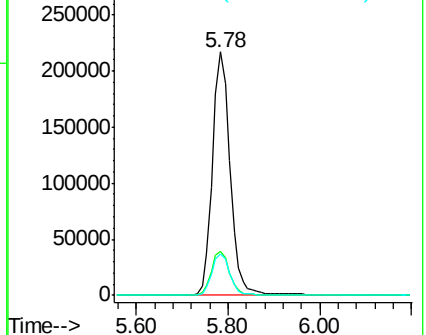
88 16.9 0.0 35.8



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: 46.075 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062274.D

Acq: 23 Apr 2019 20:13

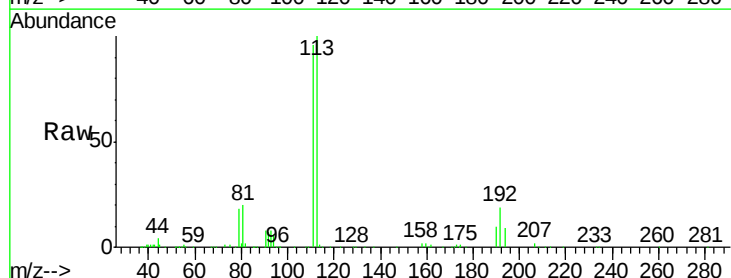
Tgt Ion:113 Resp: 232948

Ion Ratio Lower Upper

113 100

111 100.7 81.1 121.7

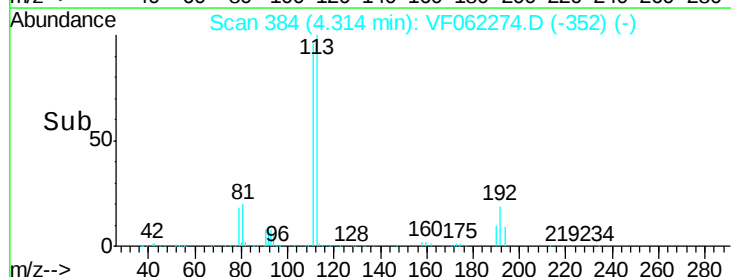
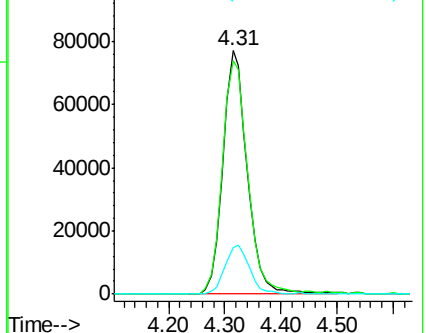
192 20.3 14.7 22.1

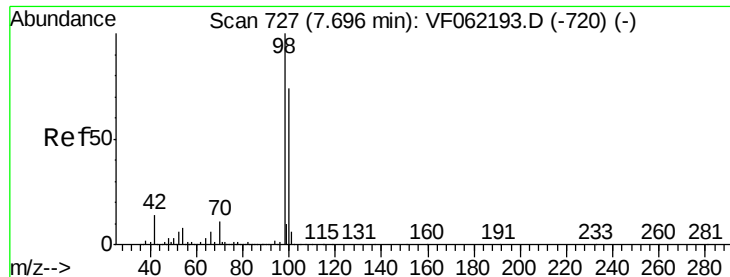


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 37.237 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062274.D

Acq: 23 Apr 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

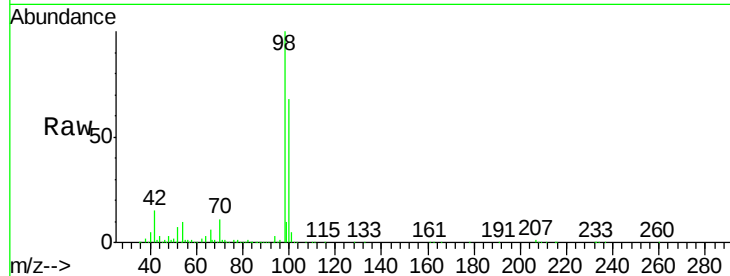
TP-13-2

Tot Ion: 98 Resp: 476560

Ion Ratio Lower Upper

98 100

100 67.9 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.72

200000

150000

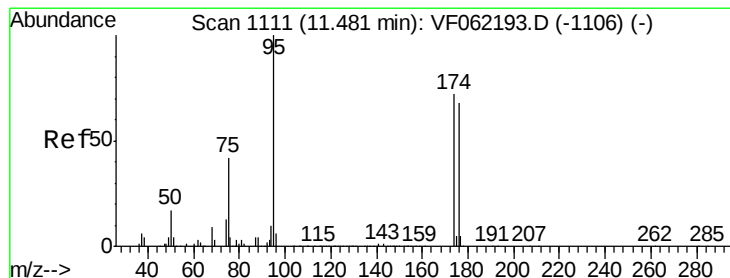
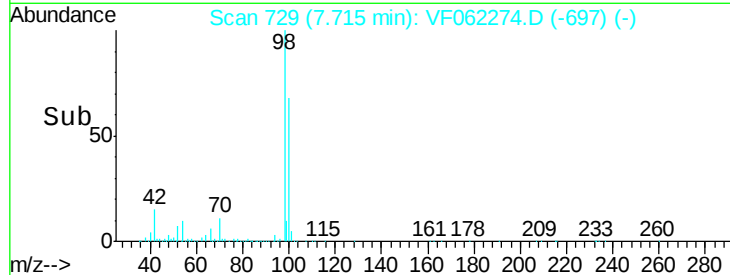
100000

50000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 37.995 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062274.D

Acq: 23 Apr 2019 20:13

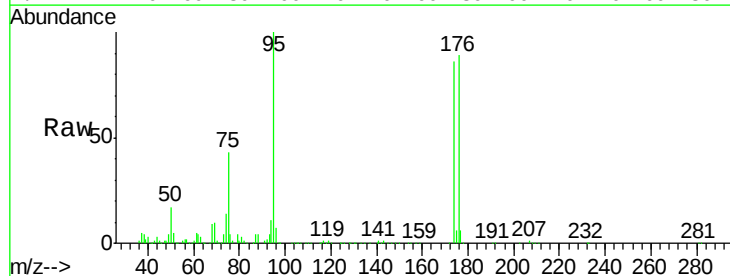
Tgt Ion: 95 Resp: 187063

Ion Ratio Lower Upper

95 100

174 91.8 0.0 159.4

176 91.5 0.0 155.4



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

150000

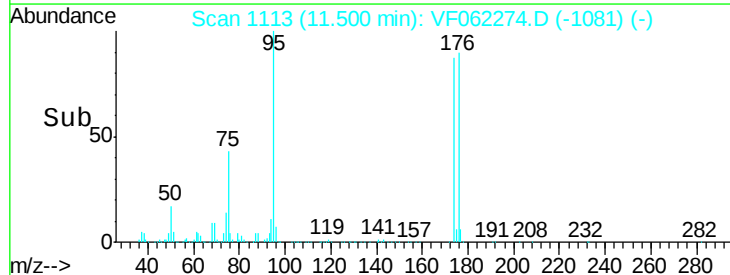
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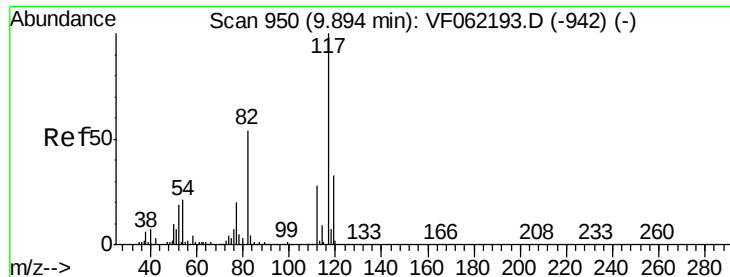
50000

0

Time-->

11.40 11.50 11.60 11.70

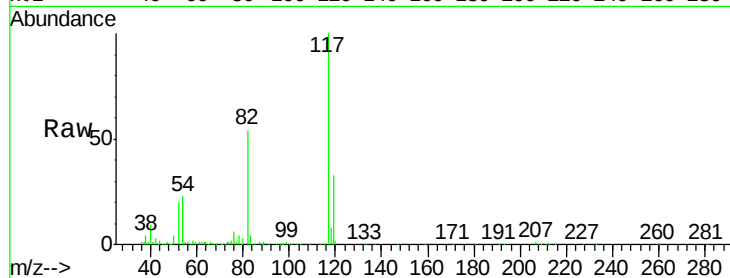




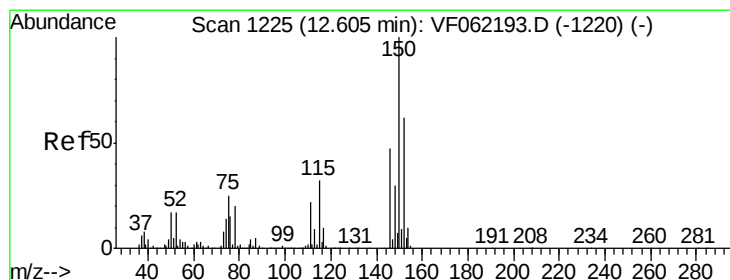
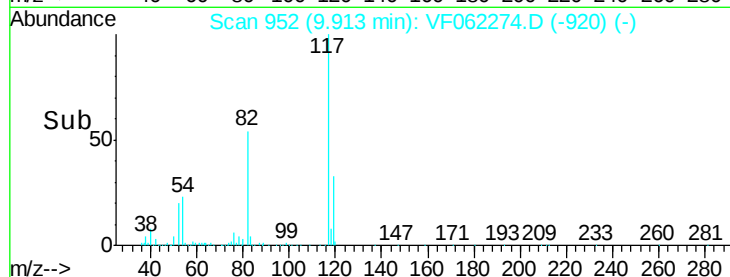
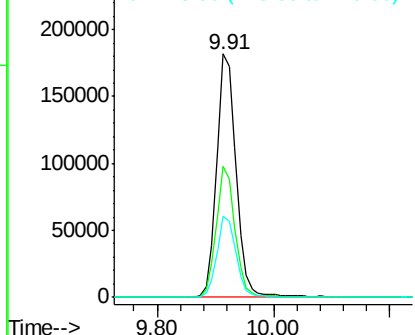
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062274.D
Acq: 23 Apr 2019 20:13

Instrument :
MSVOA_F
ClientSampleId :
TP-13-2

Tot Ion:117 Resp: 422776
Ion Ratio Lower Upper
117 100
82 54.0 43.2 64.8
119 33.1 26.2 39.4

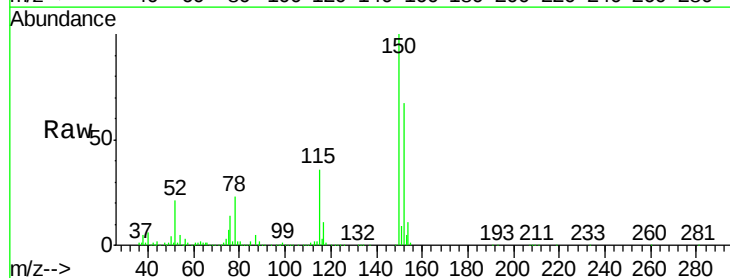


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062274.D
Acq: 23 Apr 2019 20:13

Tgt Ion:152 Resp: 198030
Ion Ratio Lower Upper
152 100
115 52.7 27.8 83.3
150 150.5 0.0 341.8



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

