

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070319\
 Data File : VD063027.D
 Acq On : 3 Jul 2019 16:31
 Operator : VA/AP
 Sample : K3681-01
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PILEA-07-01-19

Quant Time: Jul 04 02:07:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	872255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1161750	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	934589	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	417171	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	449995	47.46	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	6.92	113	519475	53.03	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.06%	
50) Toluene-d8	10.42	98	1071023	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	13.56	95	432699	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	

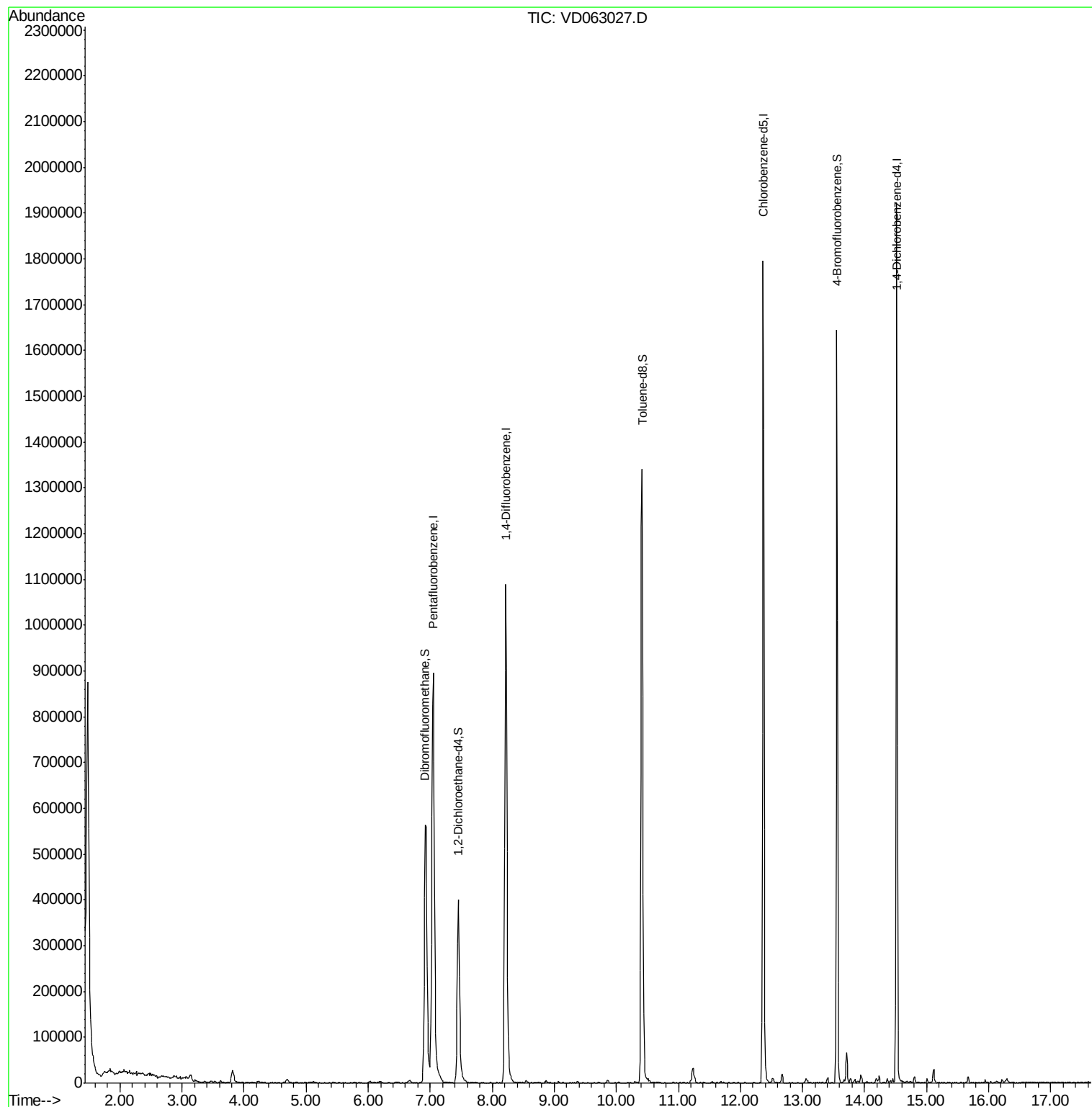
Target Compounds	Qvalue

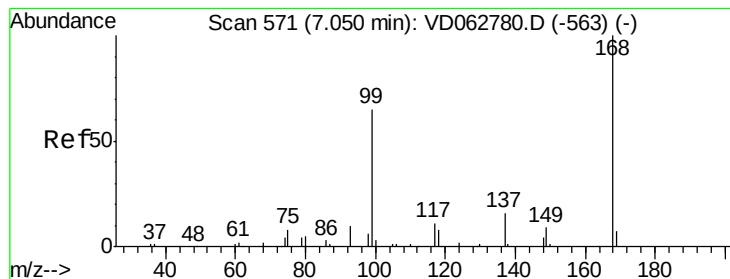
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD063027.D

Acq: 3 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

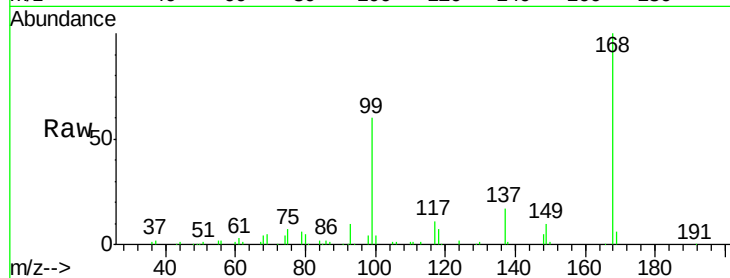
PILEA-07-01-19

Tot Ion:168 Resp: 872255

Ion Ratio Lower Upper

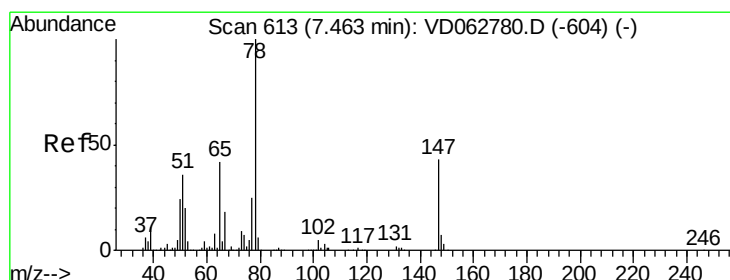
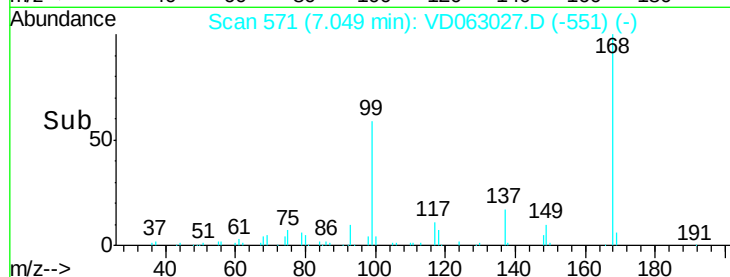
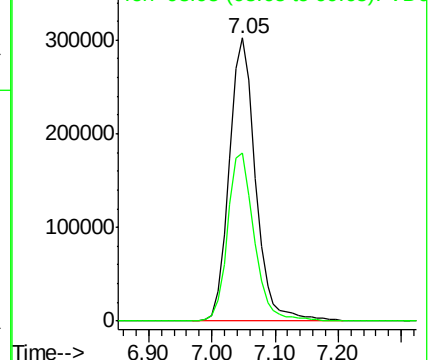
168 100

99 59.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.461 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063027.D

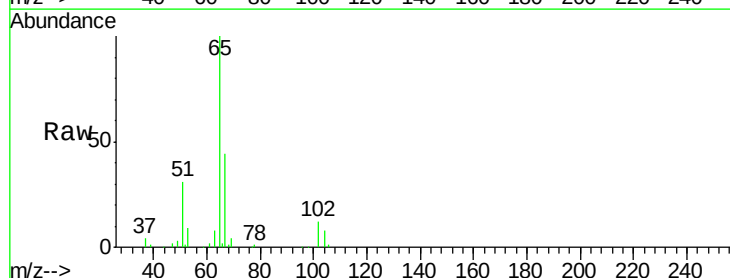
Acq: 3 Jul 2019 16:31

Tgt Ion: 65 Resp: 449995

Ion Ratio Lower Upper

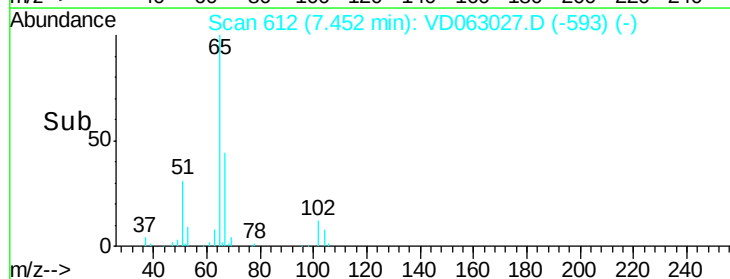
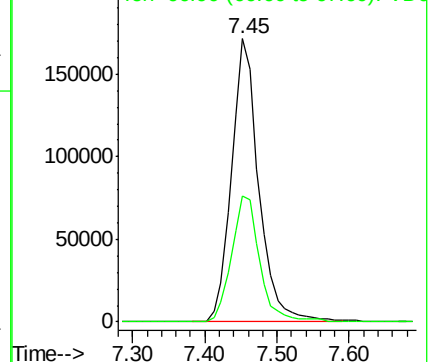
65 100

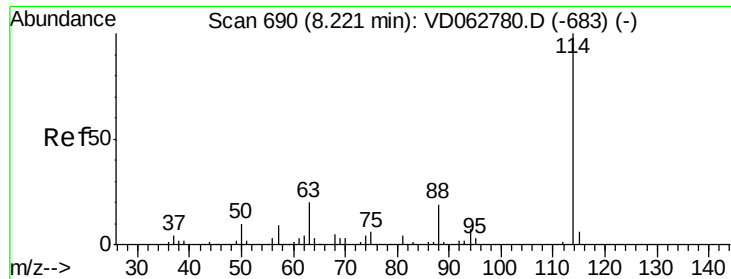
67 44.5 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD063027.D

Acq: 3 Jul 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

PILEA-07-01-19

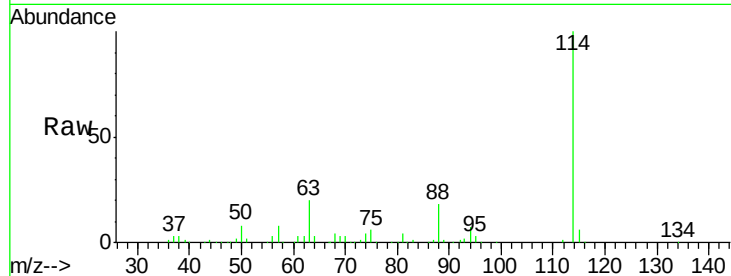
Tot Ion:114 Resp: 1161750

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 18.5 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

600000

500000

400000

300000

200000

100000

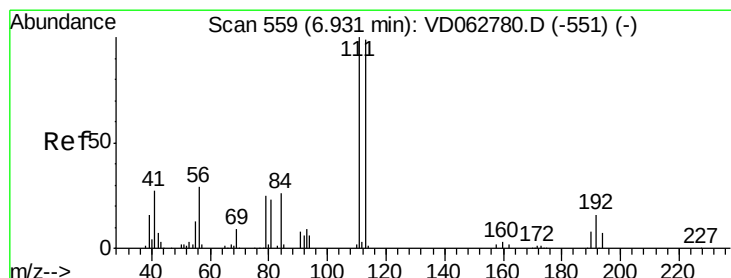
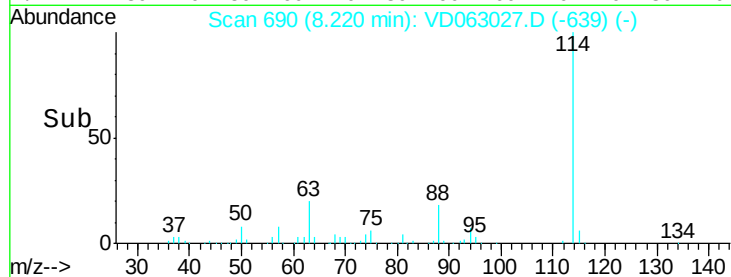
0

8.22

8.20

8.40

Time-->



#35

Dibromofluoromethane

Concen: 53.030 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063027.D

Acq: 3 Jul 2019 16:31

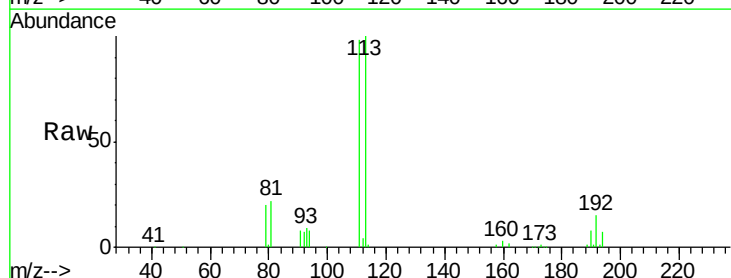
Tgt Ion:113 Resp: 519475

Ion Ratio Lower Upper

113 100

111 97.6 81.2 121.8

192 14.9 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

200000

150000

100000

50000

0

6.92

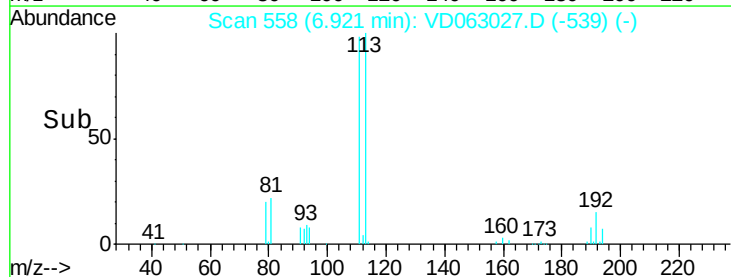
6.80

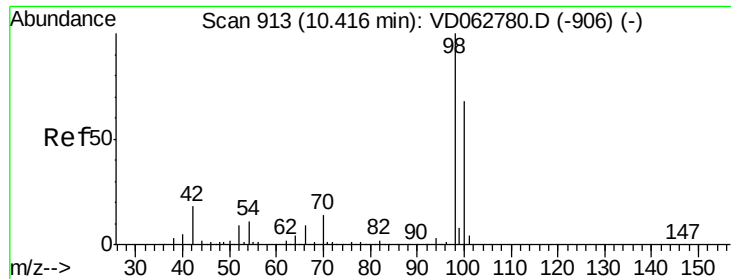
6.90

7.00

7.10

Time-->

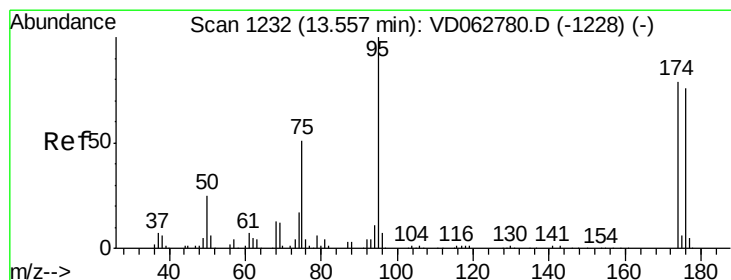
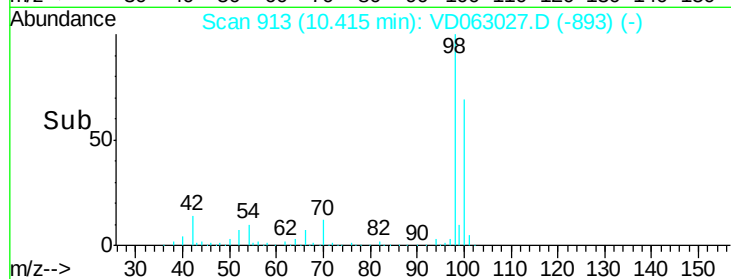
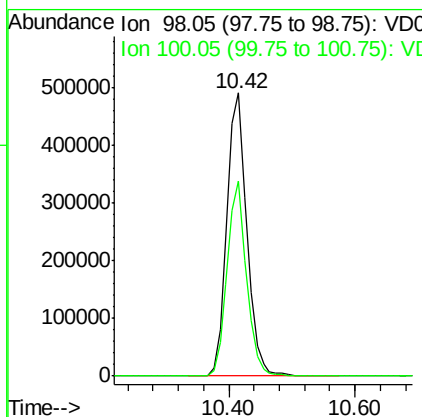
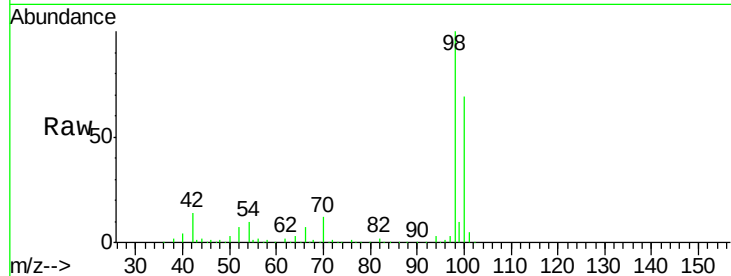




#50
Toluene-d8
Concen: 50.235 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063027.D
Acq: 3 Jul 2019 16:31

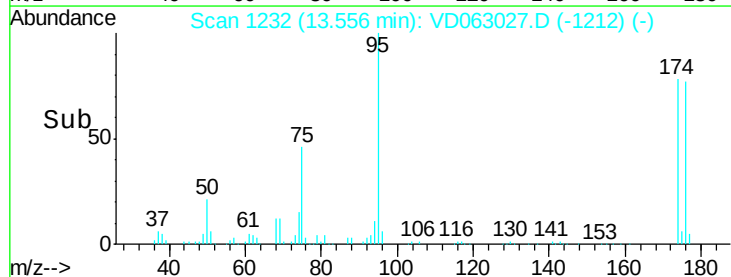
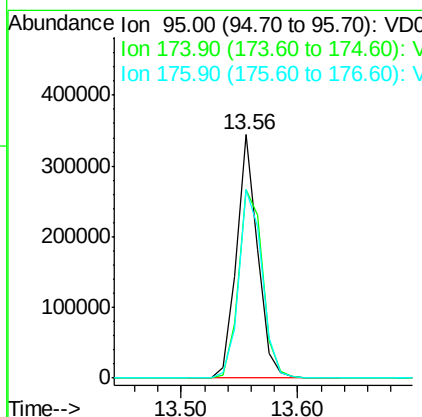
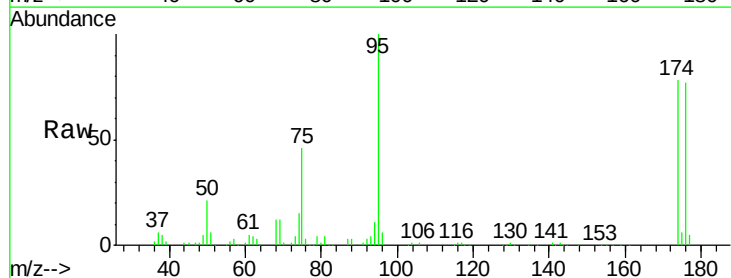
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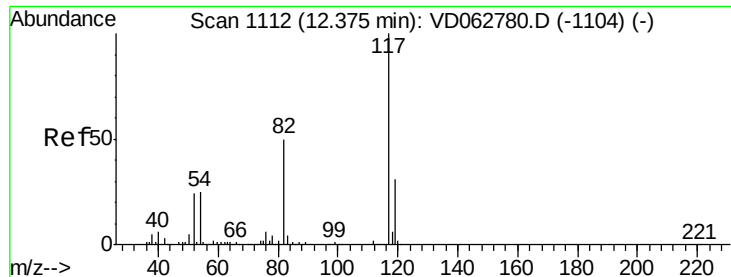
Tot Ion: 98 Resp: 1071023
Ion Ratio Lower Upper
98 100
100 69.0 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 44.634 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063027.D
Acq: 3 Jul 2019 16:31

Tgt Ion: 95 Resp: 432699
Ion Ratio Lower Upper
95 100
174 77.7 0.0 158.0
176 77.3 0.0 151.6

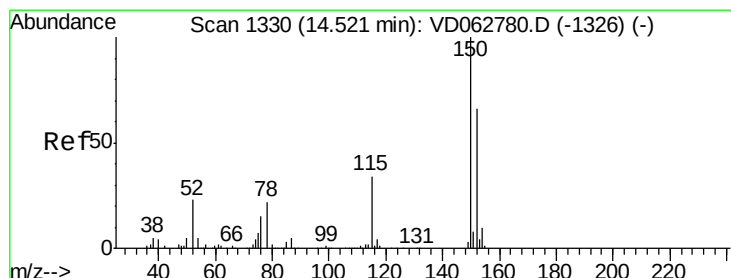
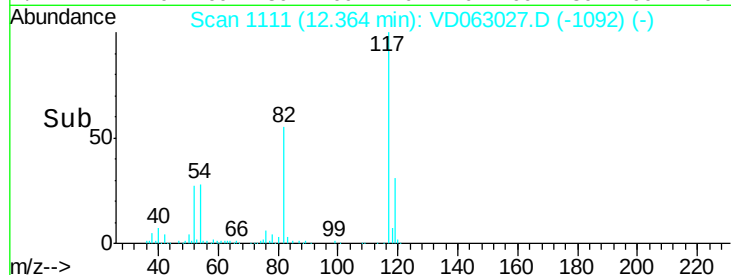
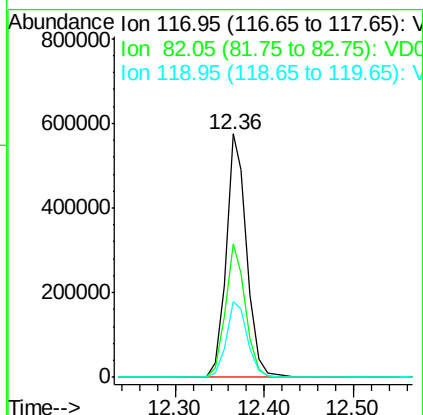
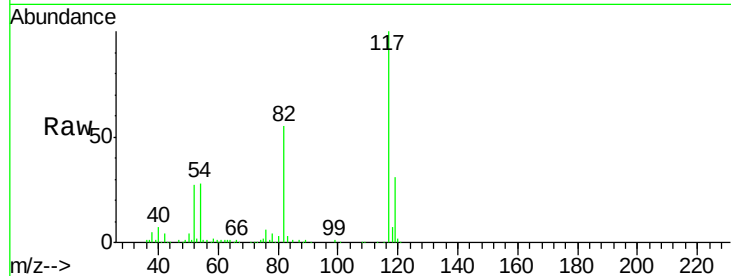




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063027.D
Acq: 3 Jul 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :
PILEA-07-01-19

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	40.4	60.6
119	31.4	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063027.D
Acq: 3 Jul 2019 16:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.2	87.6
150	155.9	0.0	305.8

