

Data File : VD062250.D
Acq On : 11 May 2019 21:07
Operator : FY/SY
Sample : K2719-07
Misc : 5.92g/5mL/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-1824-01

Quant Time: May 11 23:33:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	72301	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	145133	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	137726	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	76266	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	93134	138.61	ug/l	0.03
Spiked Amount	50.000		Recovery	=	277.22%	
35) Dibromofluoromethane	6.93	113	75588	62.77	ug/l	0.03
Spiked Amount	50.000		Recovery	=	125.54%	
50) Toluene-d8	10.41	98	119665	41.22	ug/l	0.01
Spiked Amount	50.000		Recovery	=	82.44%	
62) 4-Bromofluorobenzene	13.56	95	66196	56.78	ug/l	0.01
Spiked Amount	50.000		Recovery	=	113.56%	

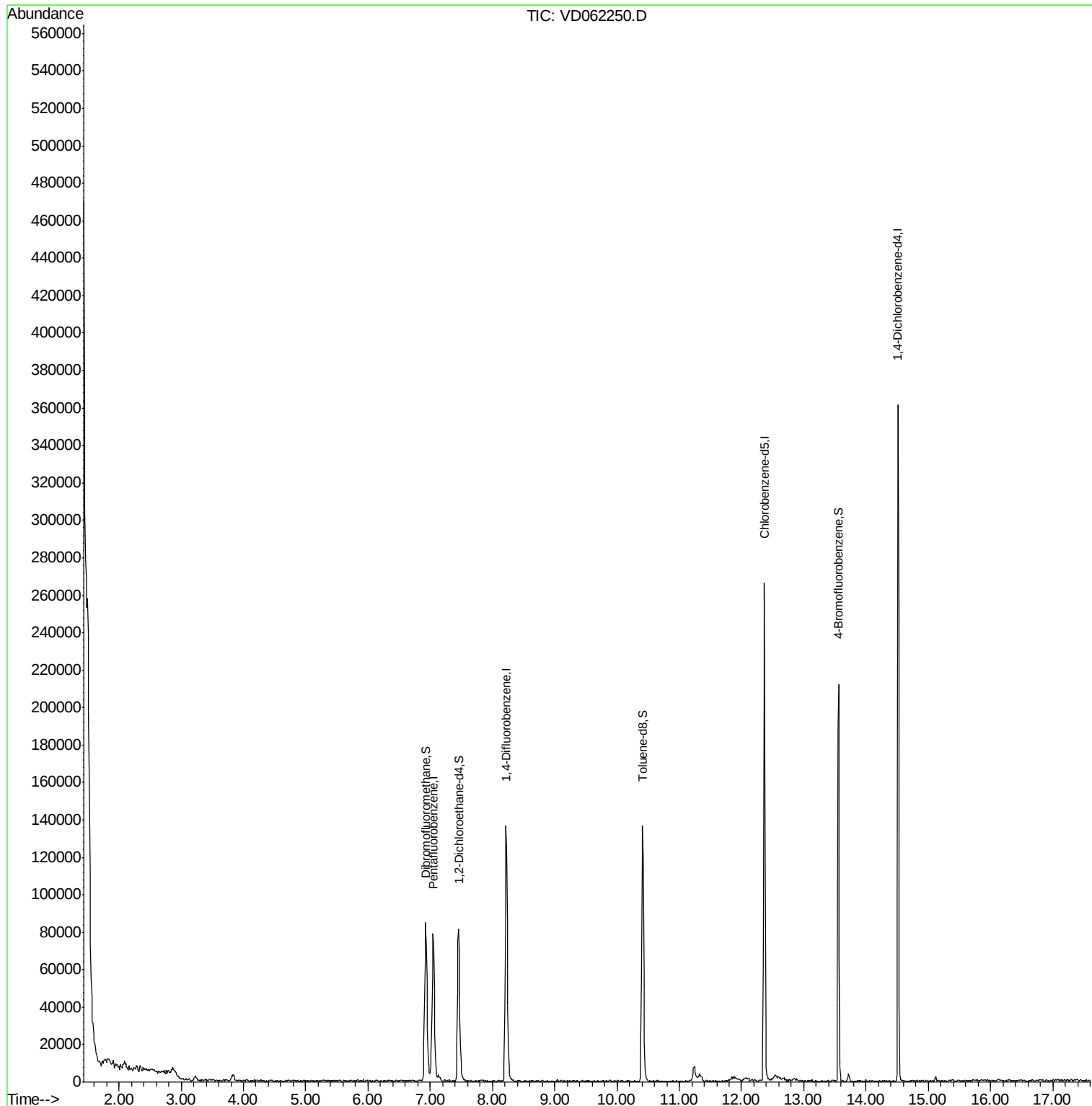
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

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Instrument :

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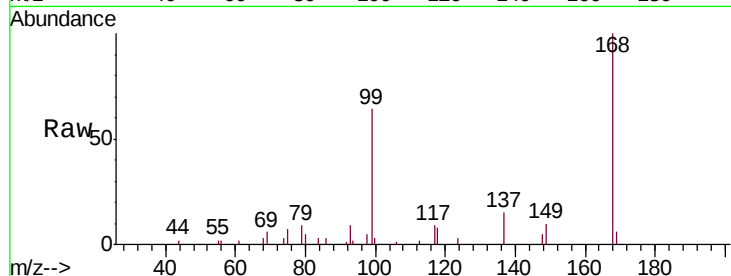
P026-SS008-1824-01

Tgt Ion:168 Resp: 72301

Ion Ratio Lower Upper

168 100

99 64.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

Time-->

6.90 7.00 7.10 7.20

Abundance

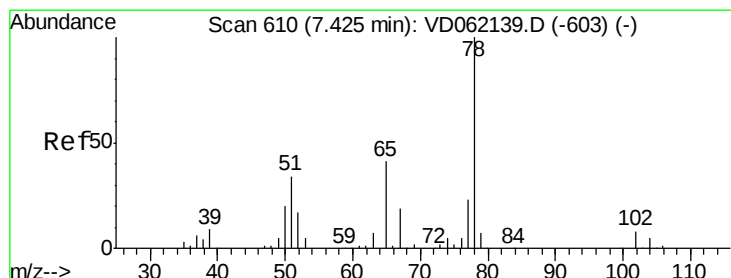
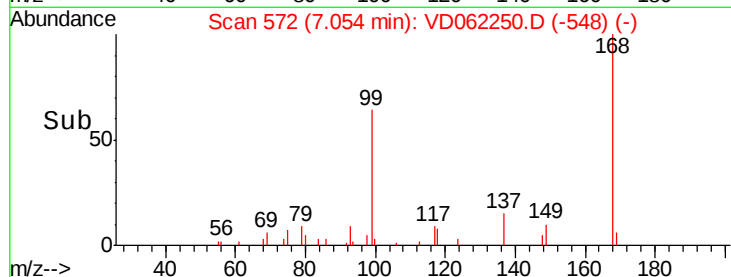
Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 138.612 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062250.D

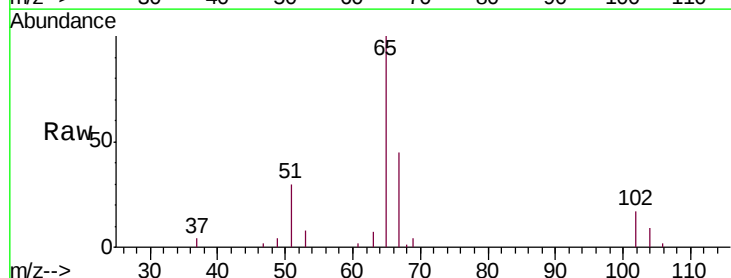
Acq: 11 May 2019 21:07

Tgt Ion: 65 Resp: 93134

Ion Ratio Lower Upper

65 100

67 44.9 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

Time-->

7.40 7.50 7.60

Abundance

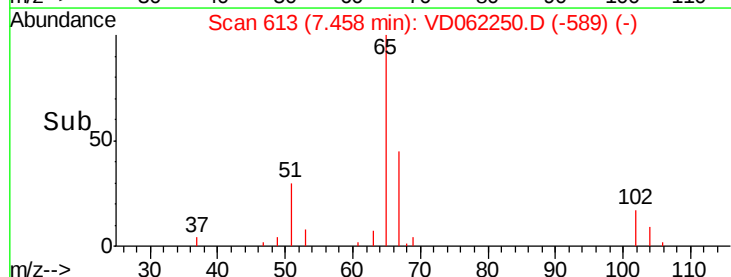
Ion 64.95 (64.65 to 65.65): VDC

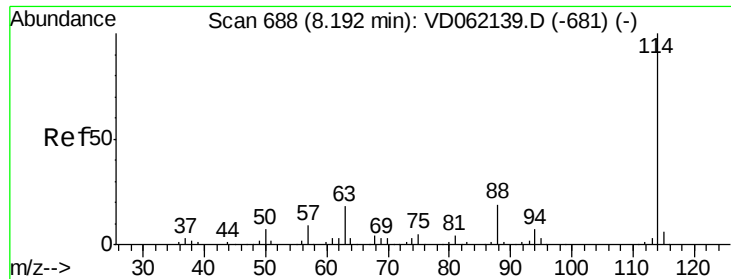
Ion 66.90 (66.60 to 67.60): VDC

7.46

Time-->

7.40 7.50 7.60

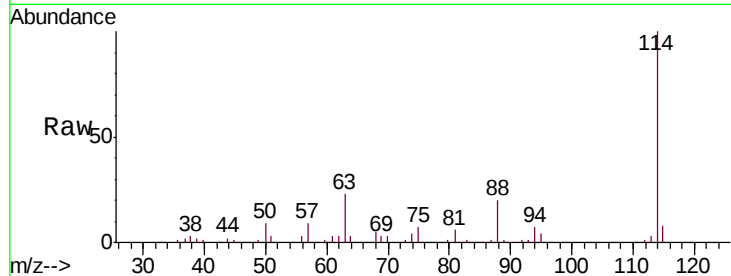




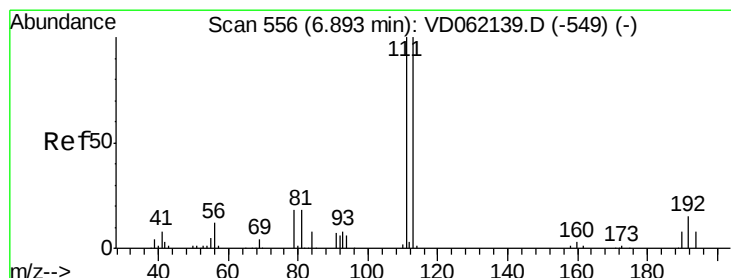
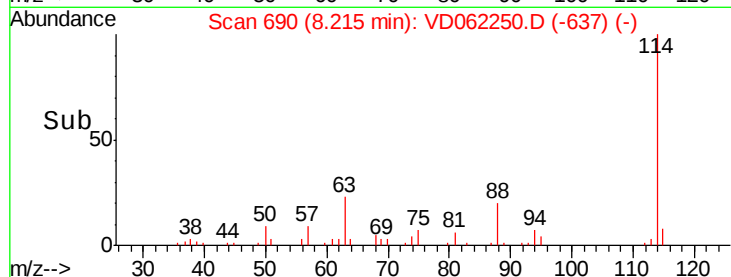
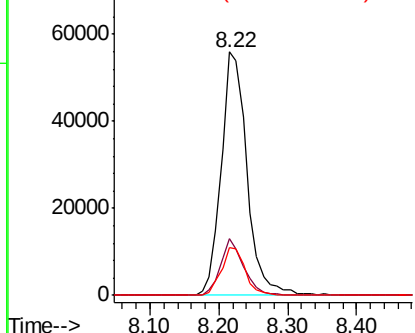
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062250.D
 Acq: 11 May 2019 21:07

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS008-1824-01

Tgt Ion:114 Resp: 145133
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 32.4
 88 19.6 0.0 33.6

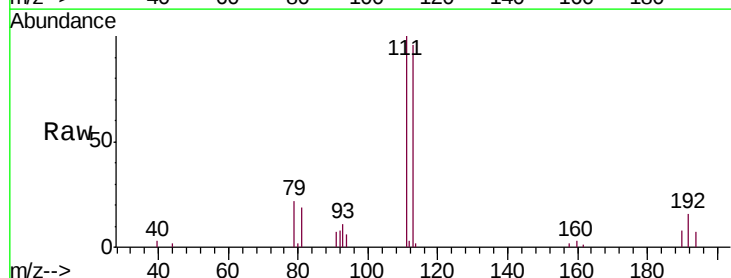


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

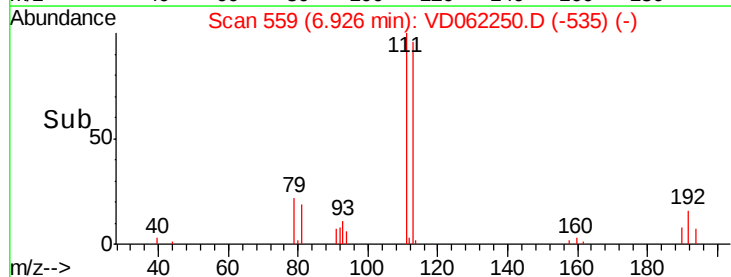
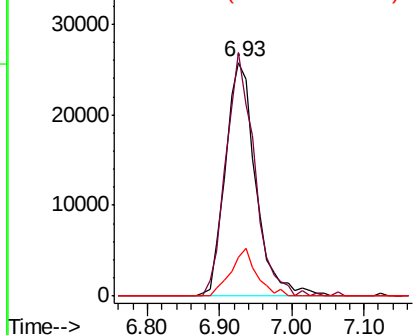


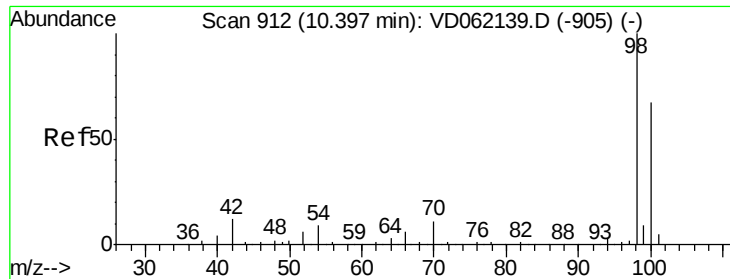
#35
 Dibromofluoromethane
 Concen: 62.771 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062250.D
 Acq: 11 May 2019 21:07

Tgt Ion:113 Resp: 75588
 Ion Ratio Lower Upper
 113 100
 111 104.1 78.5 117.7
 192 16.5 13.0 19.4



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

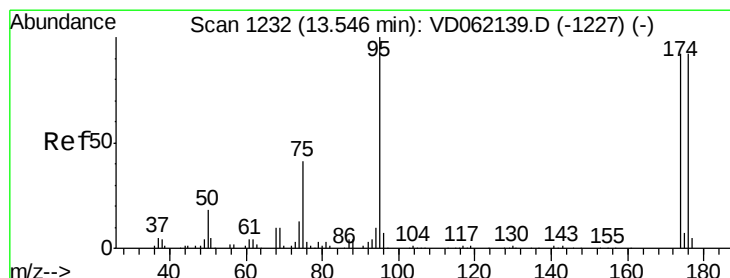
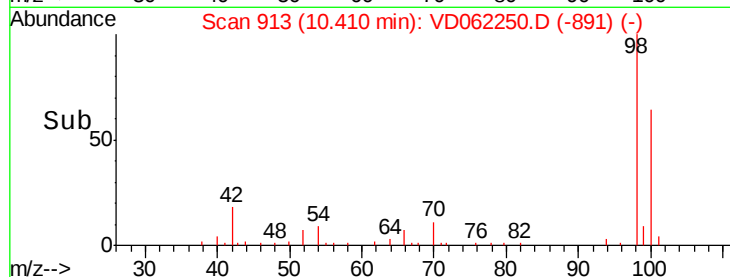
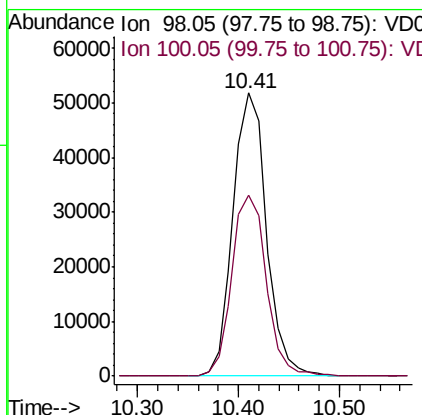
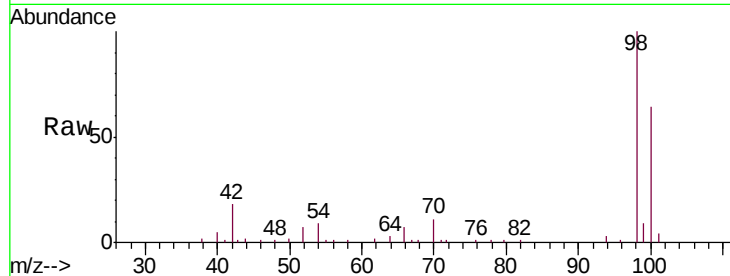




#50
Toluene-d8
Concen: 41.216 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062250.D
Acq: 11 May 2019 21:07

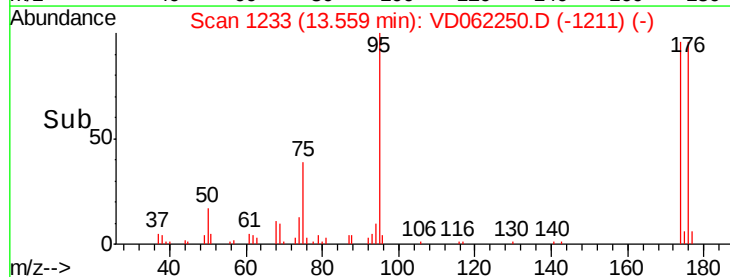
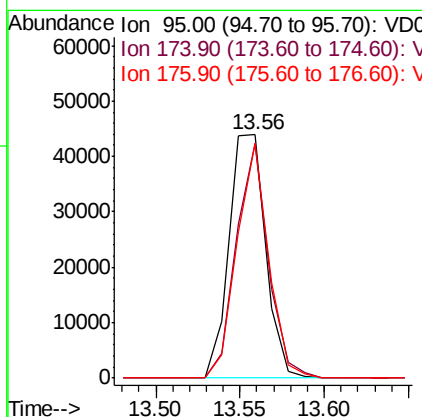
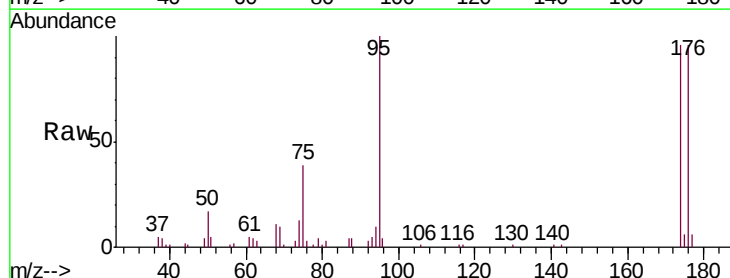
Instrument :
MSVOA_D
ClientSampleId :
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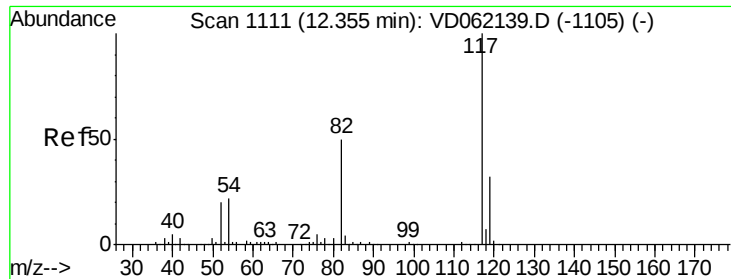
Tgt Ion: 98 Resp: 119665
Ion Ratio Lower Upper
98 100
100 64.1 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 56.777 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062250.D
Acq: 11 May 2019 21:07

Tgt Ion: 95 Resp: 66196
Ion Ratio Lower Upper
95 100
174 96.4 0.0 181.8
176 96.3 0.0 174.4

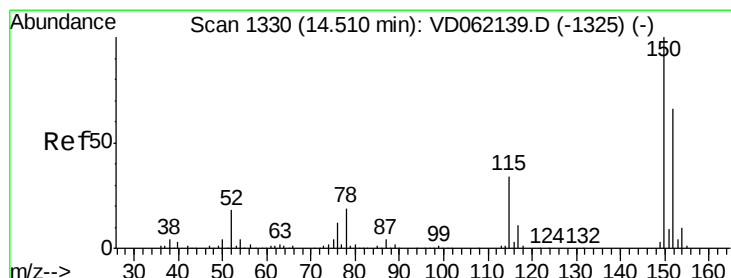
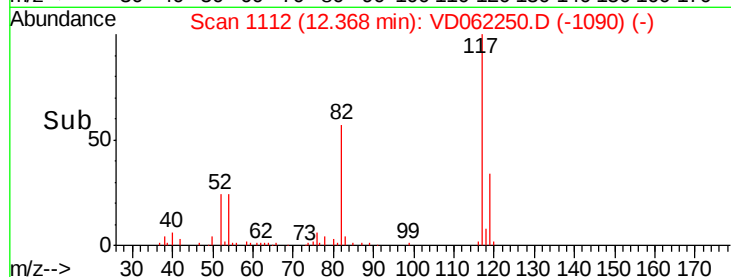
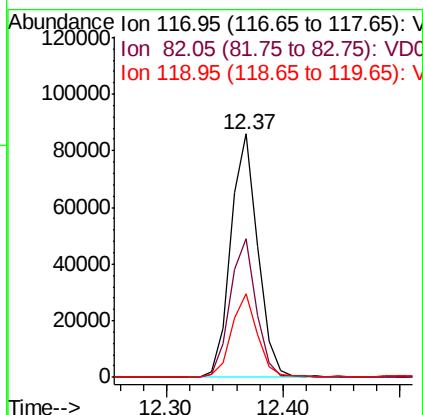
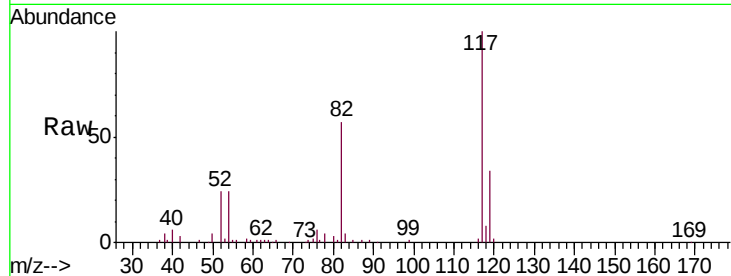




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062250.D
Acq: 11 May 2019 21:07

Instrument :
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Tgt Ion:117 Resp: 137726
Ion Ratio Lower Upper
117 100
82 57.1 36.2 54.2#
119 34.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062250.D
Acq: 11 May 2019 21:07

Tgt Ion:152 Resp: 76266
Ion Ratio Lower Upper
152 100
115 63.5 30.9 92.7
150 156.0 0.0 314.8

