

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062443.D
 Acq On : 17 May 2019 17:07
 Operator : FY/SY
 Sample : K2822-03
 Misc : 5.02g/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3

Quant Time: May 17 17:33:29 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	314022	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	447164	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	318731	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	139337	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	123319	42.26	ug/l	0.04
Spiked Amount			Recovery	=	84.52%	
35) Dibromofluoromethane	6.94	113	135098	36.41	ug/l	0.04
Spiked Amount			Recovery	=	72.82%	
50) Toluene-d8	10.41	98	247123	27.63	ug/l	0.01
Spiked Amount			Recovery	=	55.26%	
62) 4-Bromofluorobenzene	13.56	95	94887	26.41	ug/l	0.01
Spiked Amount			Recovery	=	52.82%	

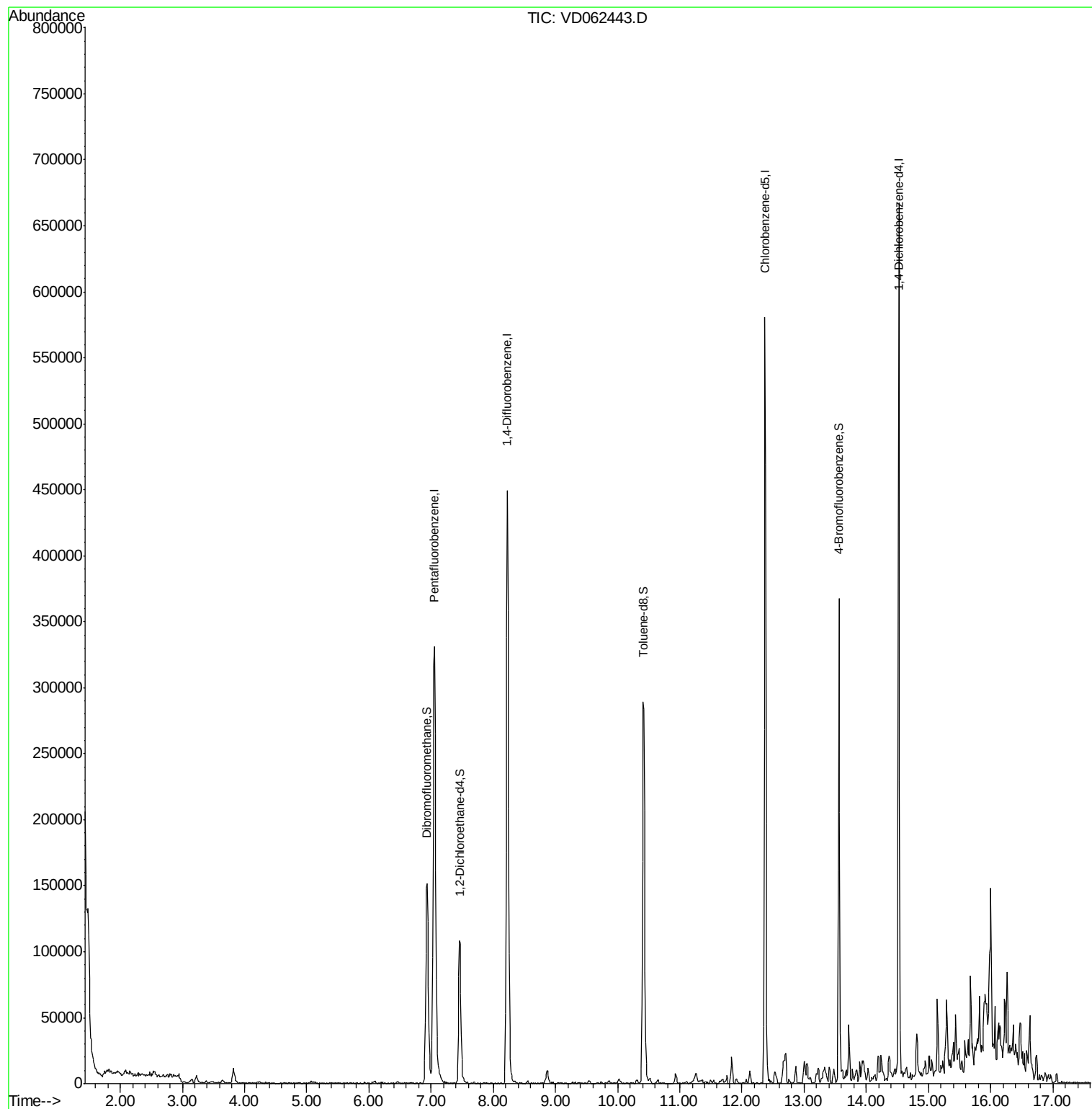
Target Compounds	Qvalue
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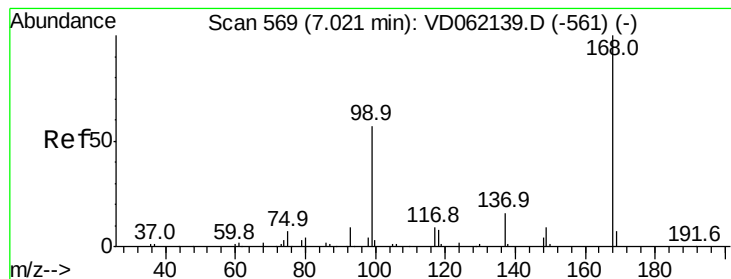
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062443.D

Acq: 17 May 2019 17:07

Instrument :

MSVOA_D

ClientSampleId :

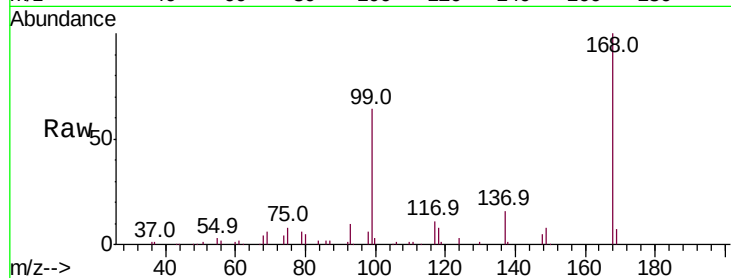
S-3

Tot Ion:168 Resp: 314022

Ion Ratio Lower Upper

168 100

99 63.6 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

120000

100000

80000

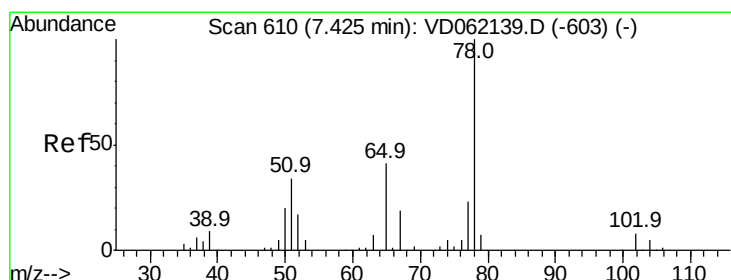
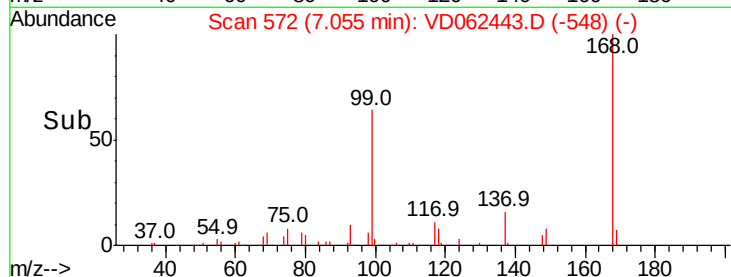
60000

40000

20000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 42.258 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062443.D

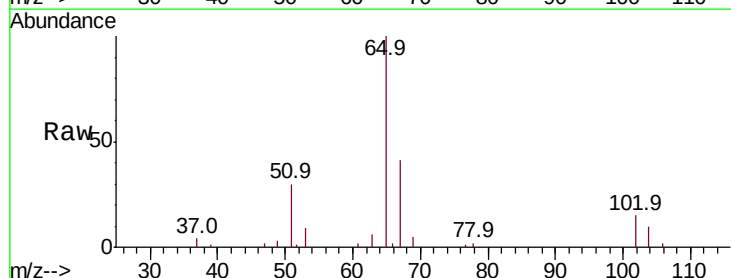
Acq: 17 May 2019 17:07

Tgt Ion: 65 Resp: 123319

Ion Ratio Lower Upper

65 100

67 41.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

50000

40000

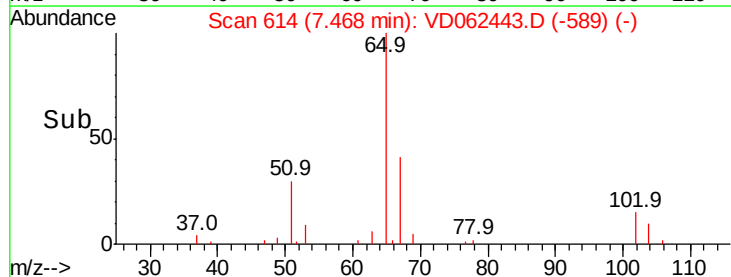
30000

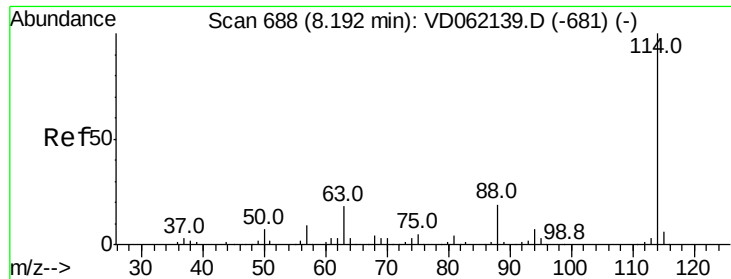
20000

10000

0

Time--> 7.30 7.40 7.50 7.60

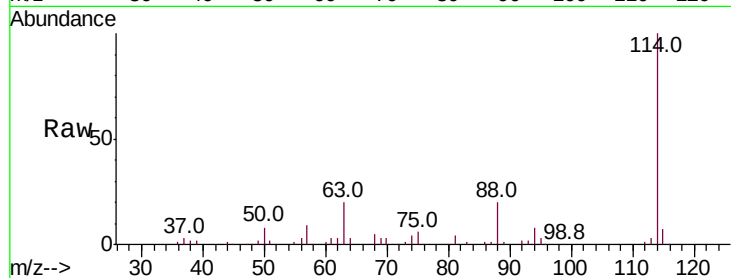




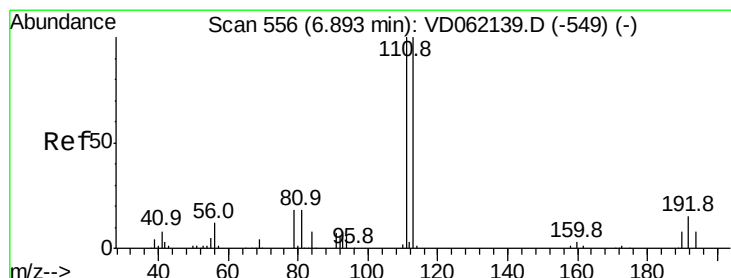
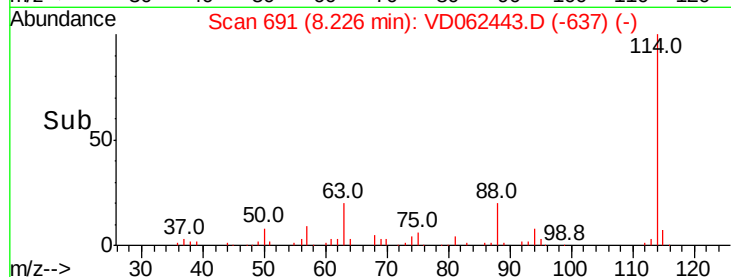
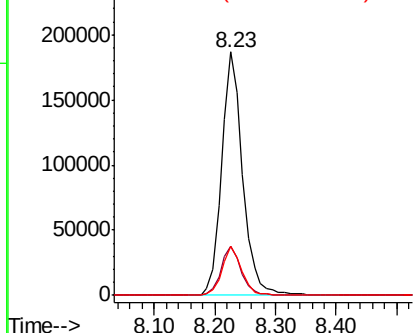
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062443.D
 Acq: 17 May 2019 17:07

Instrument :
 MSVOA_D
 ClientSampleID :
 S-3

Tot Ion:114 Resp: 447164
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 32.4
 88 19.9 0.0 33.6

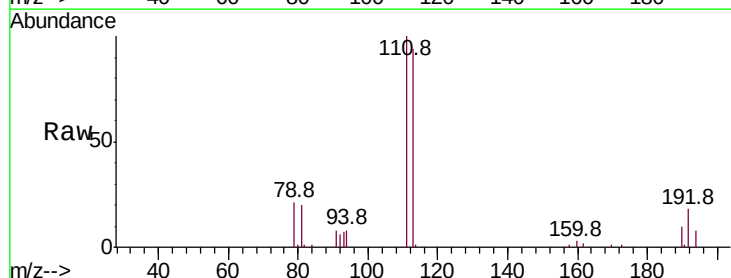


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

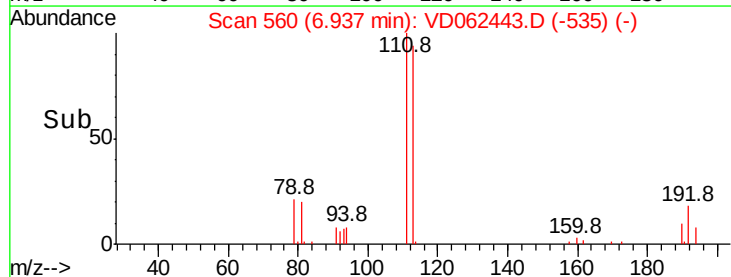
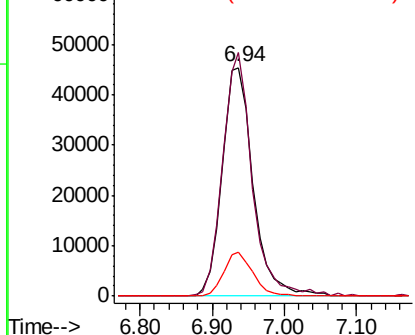


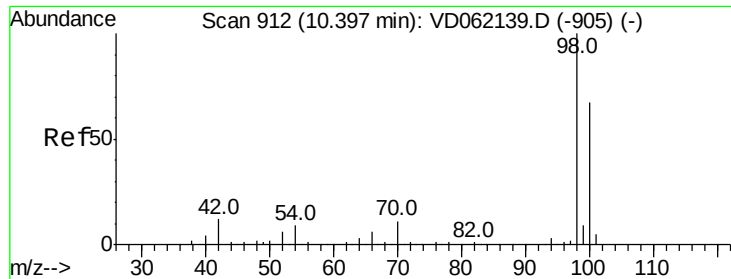
#35
 Dibromofluoromethane
 Concen: 36.413 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062443.D
 Acq: 17 May 2019 17:07

Tgt Ion:113 Resp: 135098
 Ion Ratio Lower Upper
 113 100
 111 106.6 78.5 117.7
 192 19.4 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

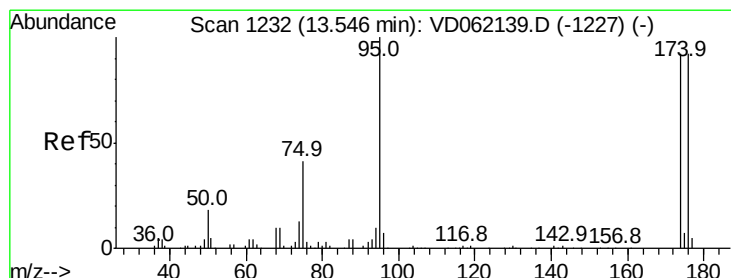
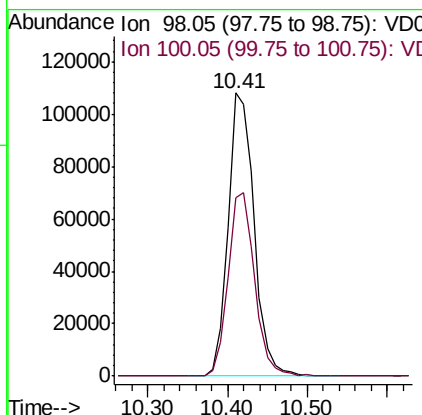
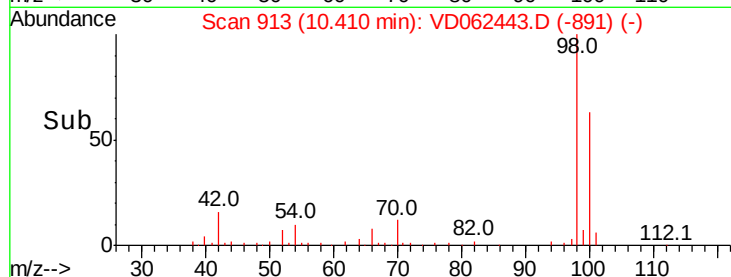
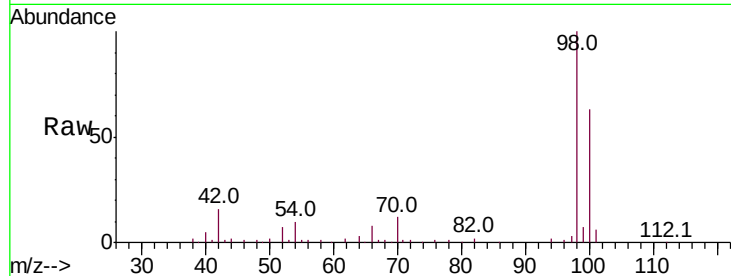




#50
Toluene-d8
Concen: 27.625 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

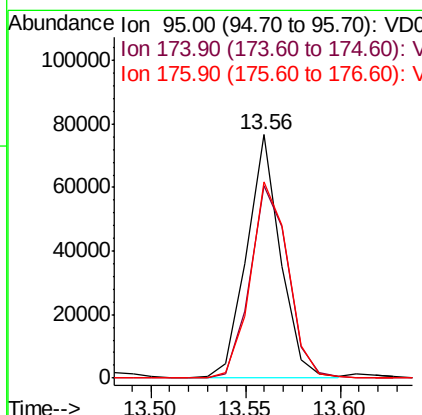
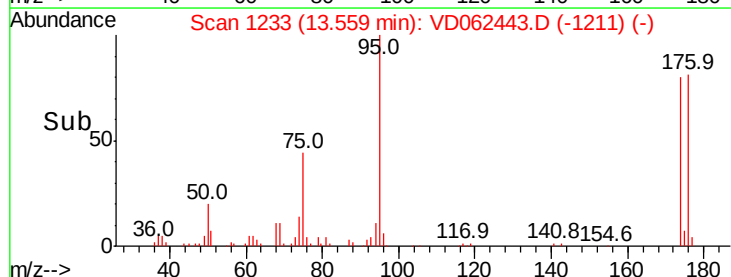
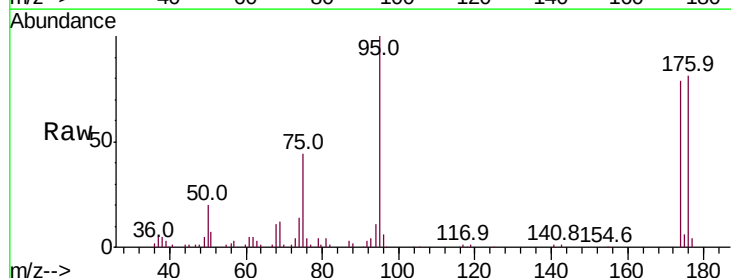
Instrument :
MSVOA_D
ClientSampled :
S-3

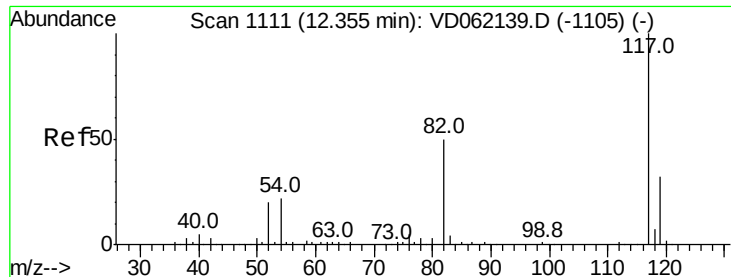
Tot Ion: 98 Resp: 247123
Ion Ratio Lower Upper
98 100
100 63.0 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 26.415 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion: 95 Resp: 94887
Ion Ratio Lower Upper
95 100
174 79.3 0.0 181.8
176 80.6 0.0 174.4

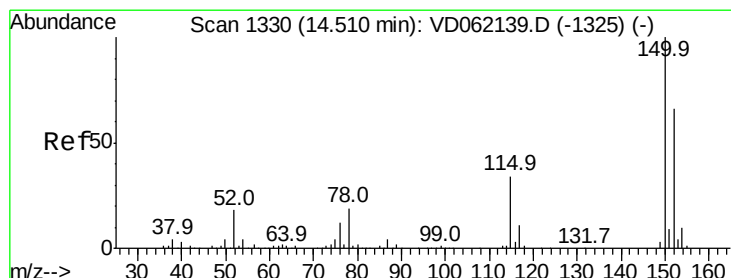
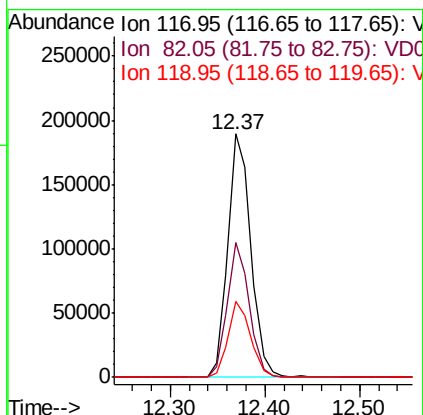
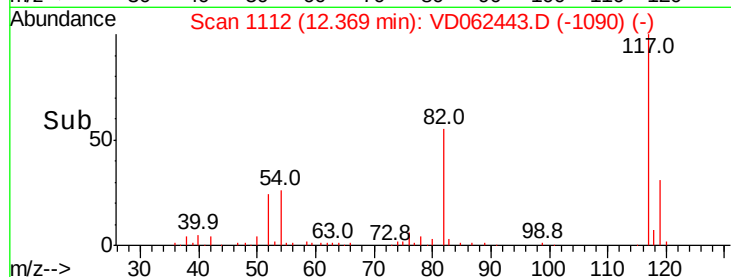
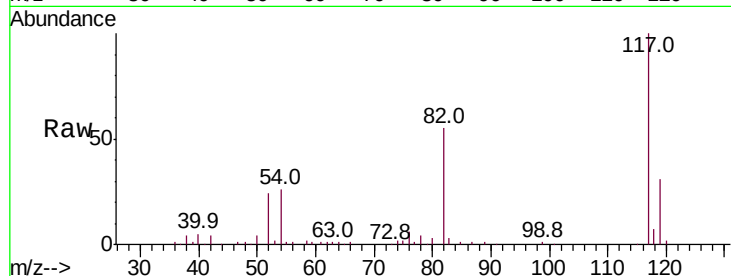




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Instrument :
MSVOA_D
ClientSampled :
S-3

Tot Ion:117 Resp: 318731
Ion Ratio Lower Upper
117 100
82 55.5 36.2 54.2#
119 31.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062443.D
Acq: 17 May 2019 17:07

Tgt Ion:152 Resp: 139337
Ion Ratio Lower Upper
152 100
115 55.9 30.9 92.7
150 152.0 0.0 314.8

