

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051519\
 Data File : VD062393.D
 Acq On : 15 May 2019 17:33
 Operator : FY/SY
 Sample : K2822-01
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Quant Time: May 16 04:35:02 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	7.06	168	660350	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	907117	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	729636	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	304427	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	277166	45.17	ug/l	0.03
Spiked Amount			Recovery	=	90.34%	
35) Dibromofluoromethane	6.94	113	329654	43.80	ug/l	0.04
Spiked Amount			Recovery	=	87.60%	
50) Toluene-d8	10.41	98	626790	34.54	ug/l	0.01
Spiked Amount			Recovery	=	69.08%	
62) 4-Bromofluorobenzene	13.56	95	250555	34.38	ug/l	0.01
Spiked Amount			Recovery	=	68.76%	

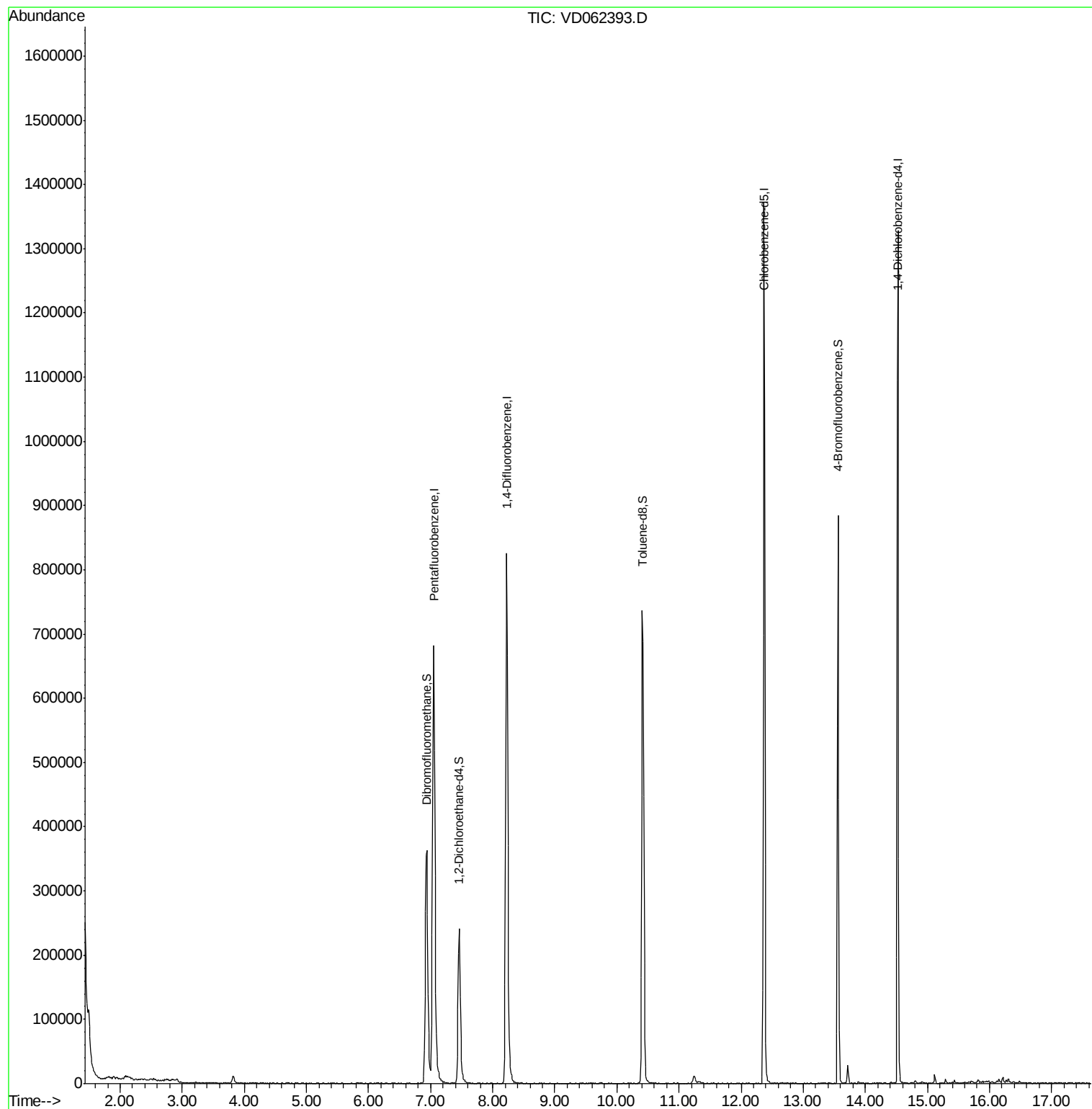
Target Compounds	Qvalue
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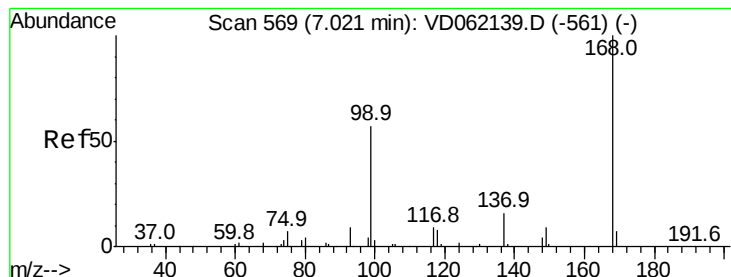
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062393.D

Acq: 15 May 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

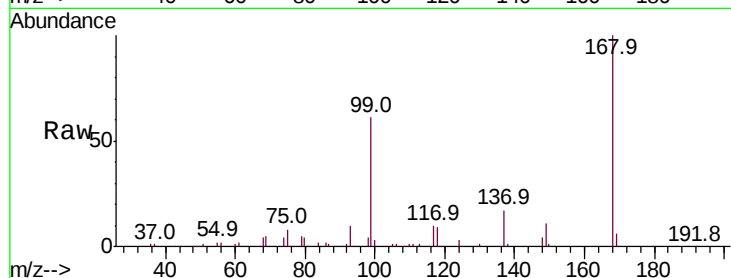
S-1

Tot Ion:168 Resp: 660350

Ion Ratio Lower Upper

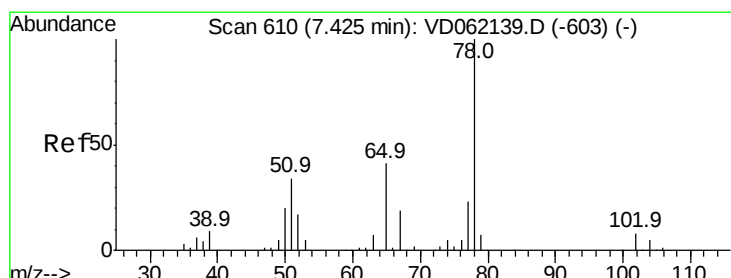
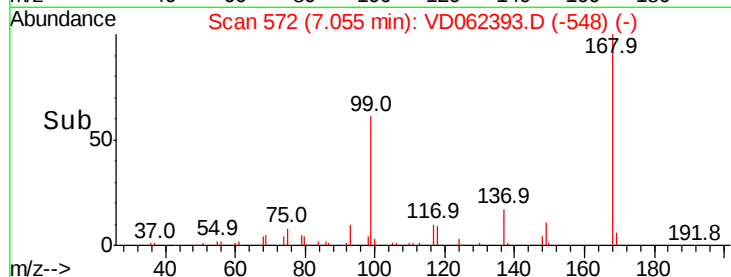
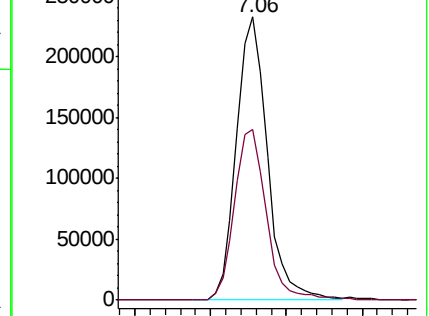
168 100

99 60.5 46.5 69.7



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: 45.165 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062393.D

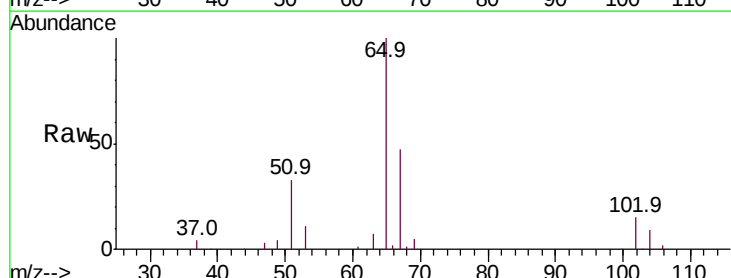
Acq: 15 May 2019 17:33

Tgt Ion: 65 Resp: 277166

Ion Ratio Lower Upper

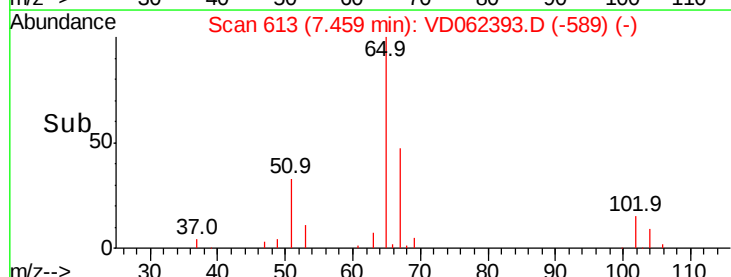
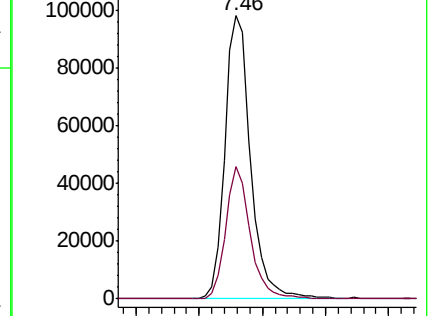
65 100

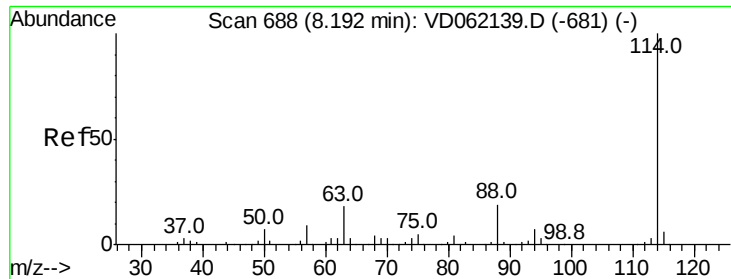
67 46.9 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

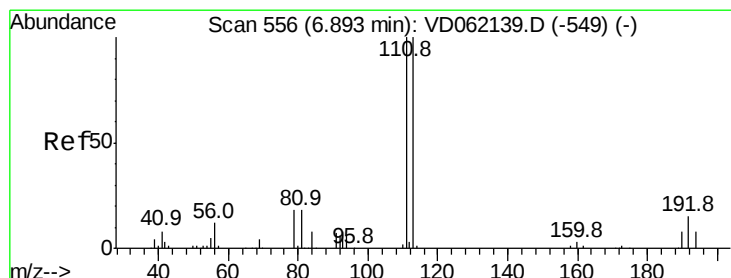
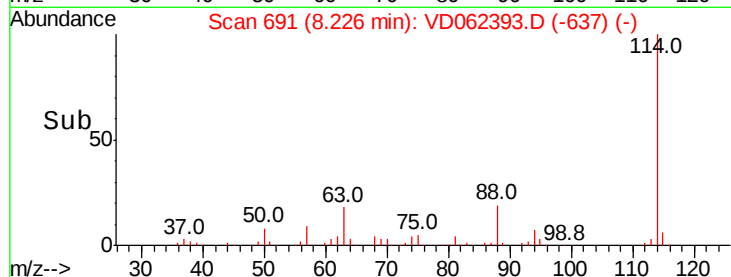
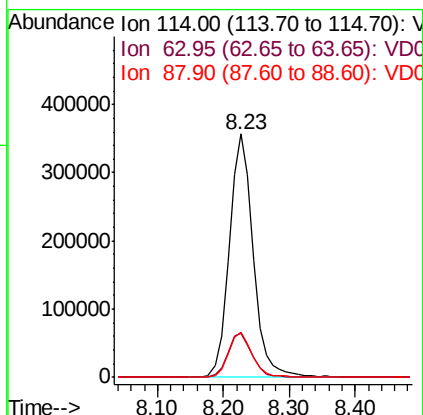
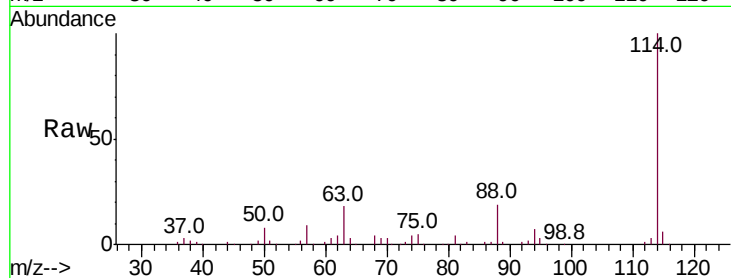




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062393.D
 Acq: 15 May 2019 17:33

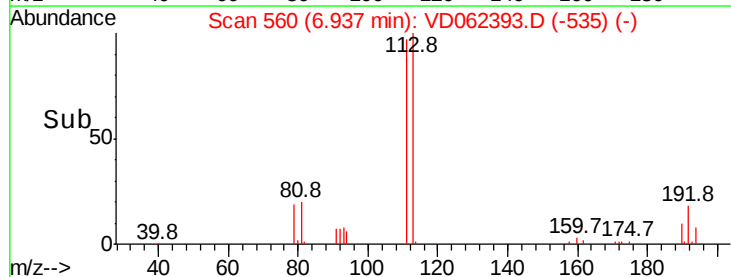
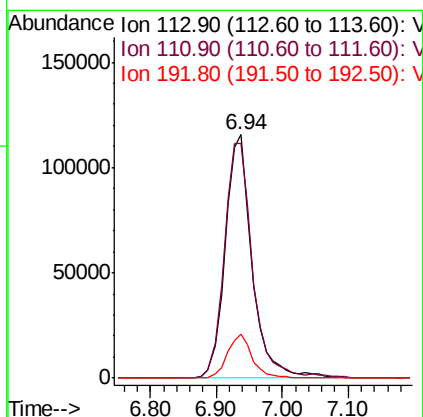
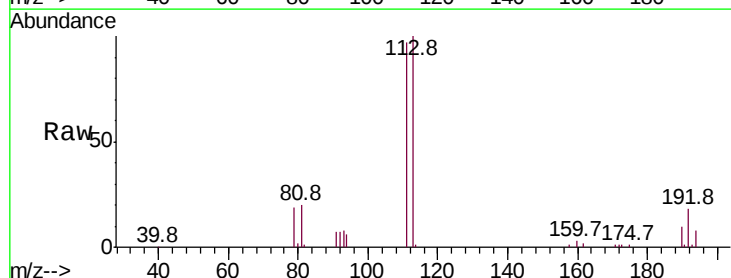
Instrument :
 MSVOA_D
 ClientSampleID :
 S-1

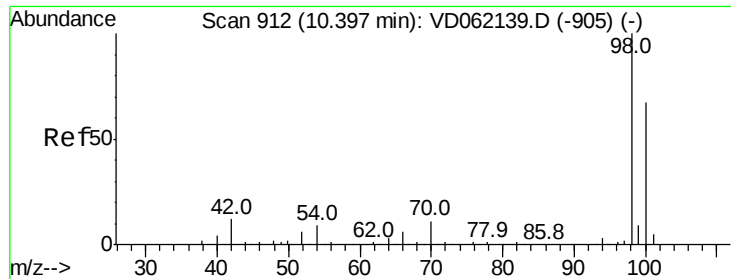
Tot Ion:114 Resp: 907117
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 32.4
 88 18.5 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 43.799 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062393.D
 Acq: 15 May 2019 17:33

Tgt Ion:113 Resp: 329654
 Ion Ratio Lower Upper
 113 100
 111 96.5 78.5 117.7
 192 17.9 13.0 19.4

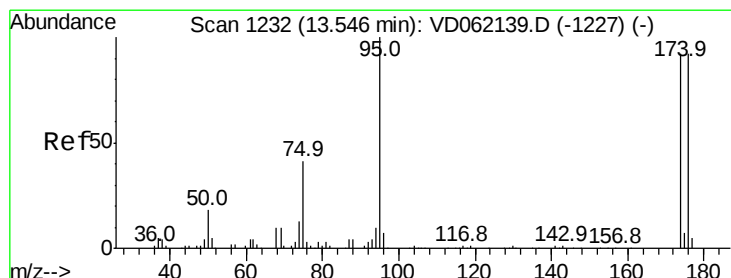
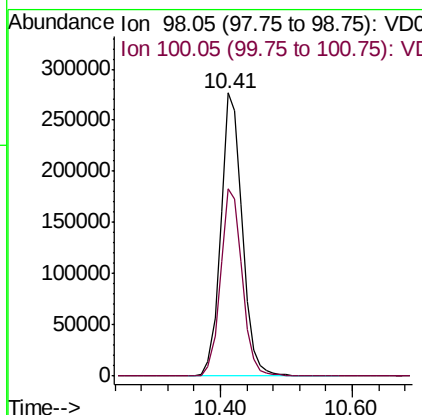
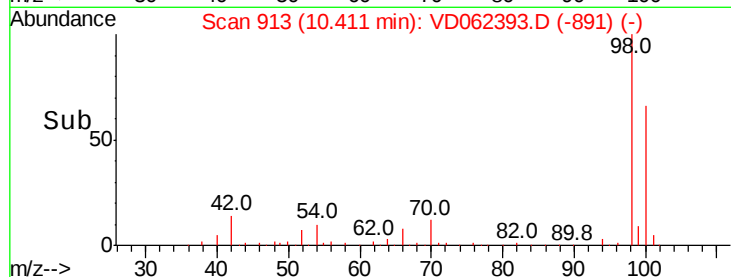
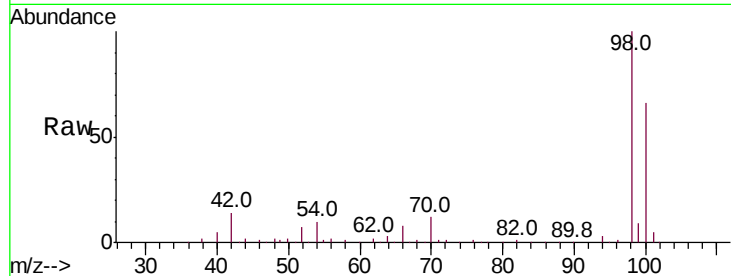




#50
Toluene-d8
Concen: 34.540 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062393.D
Acq: 15 May 2019 17:33

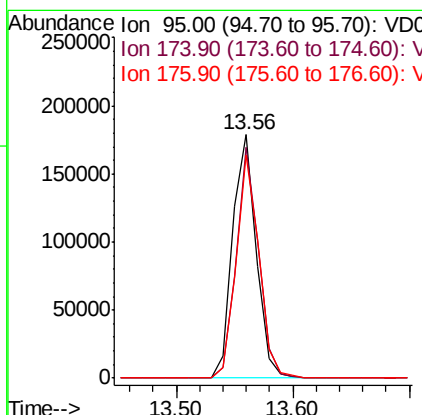
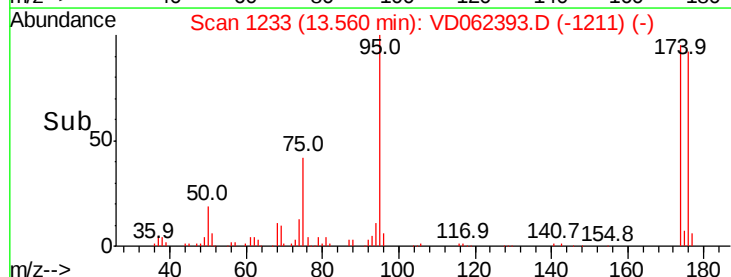
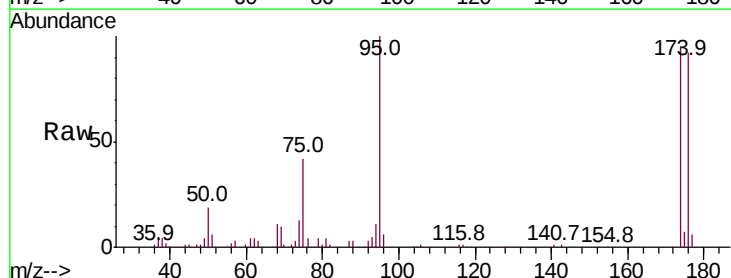
Instrument :
MSVOA_D
ClientSampleId :
S-1

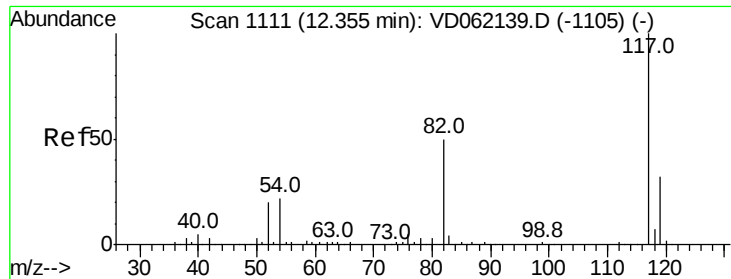
Tot Ion: 98 Resp: 626790
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 34.383 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062393.D
Acq: 15 May 2019 17:33

Tgt Ion: 95 Resp: 250555
Ion Ratio Lower Upper
95 100
174 95.1 0.0 181.8
176 91.8 0.0 174.4

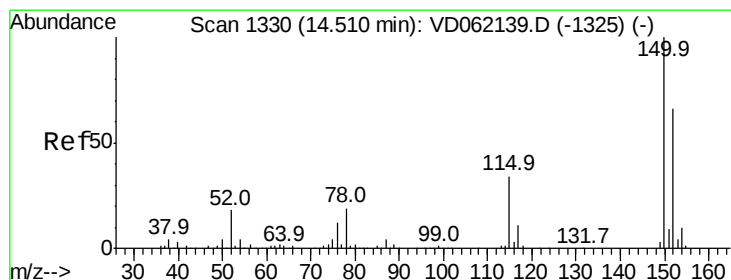
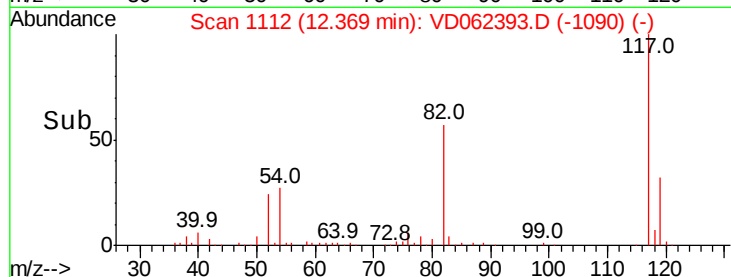
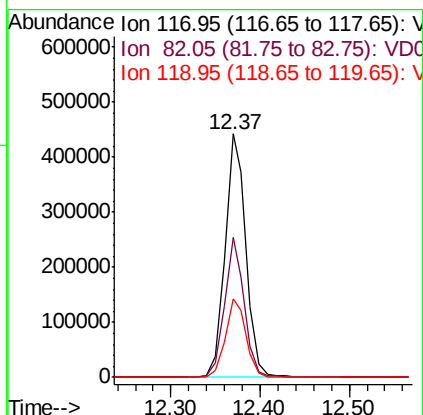
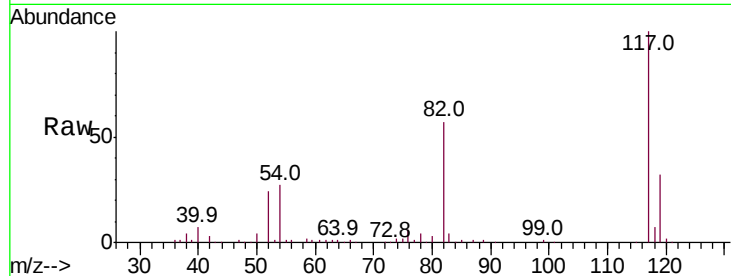




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062393.D
Acq: 15 May 2019 17:33

Instrument :
MSVOA_D
ClientSampled :
S-1

Tot Ion:117 Resp: 729636
Ion Ratio Lower Upper
117 100
82 57.3 36.2 54.2#
119 32.5 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: VD062393.D
Acq: 15 May 2019 17:33

Tgt Ion:152 Resp: 304427
Ion Ratio Lower Upper
152 100
115 52.7 30.9 92.7
150 150.6 0.0 314.8

