

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063140.D
 Acq On : 17 Jul 2019 19:18
 Operator : VA/AP
 Sample : K3830-01
 Misc : 5.26g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3456

Quant Time: Jul 18 08:02:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	890405	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1195026	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	900908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	416990	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	455063	41.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.06%	
35) Dibromofluoromethane	6.92	113	506596	42.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.12%	
50) Toluene-d8	10.41	98	1057229	41.35	ug/l	0.02
Spiked Amount	50.000		Recovery	=	82.70%	
62) 4-Bromofluorobenzene	13.55	95	428508	36.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.46%	

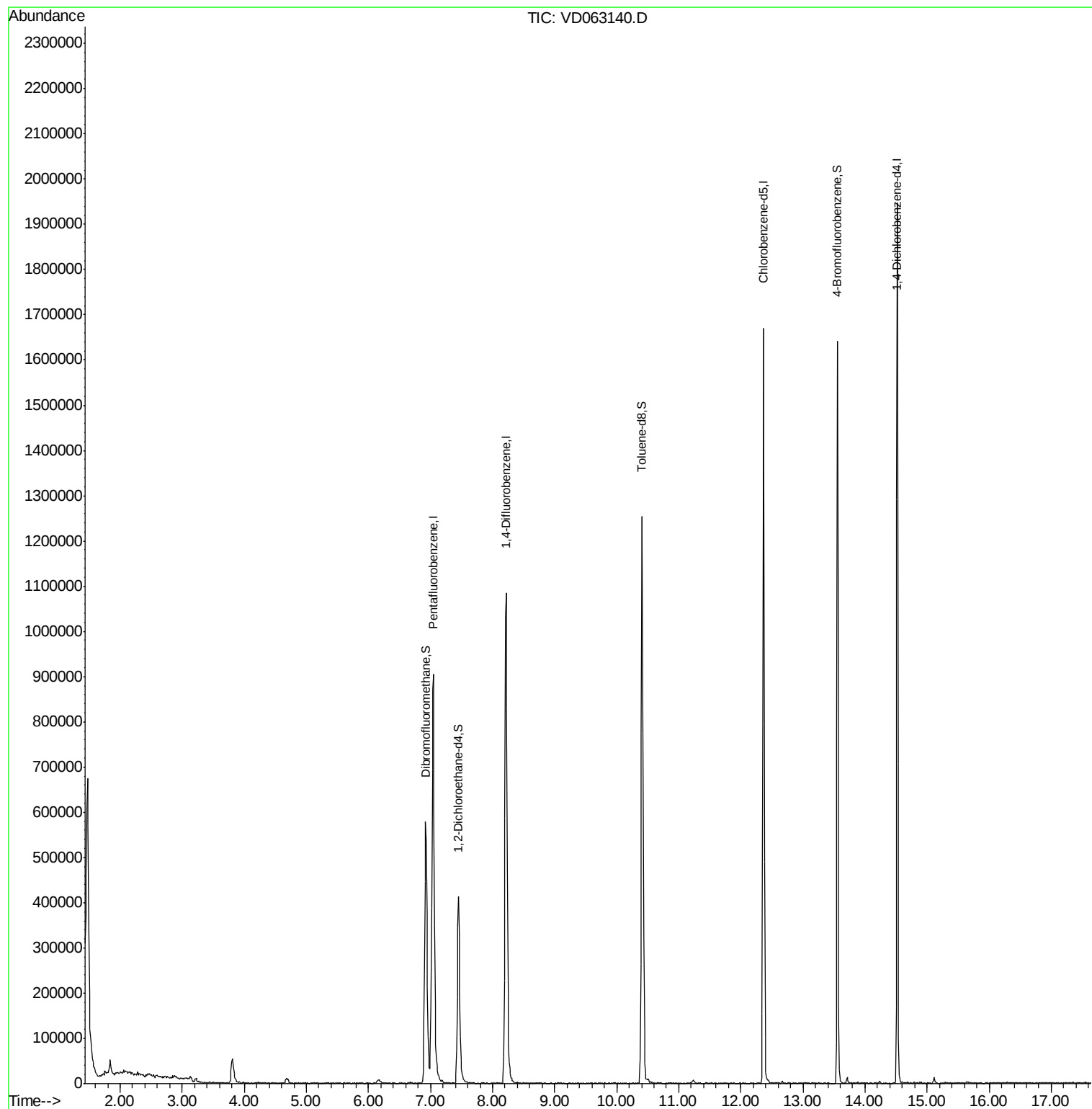
Target Compounds	Qvalue

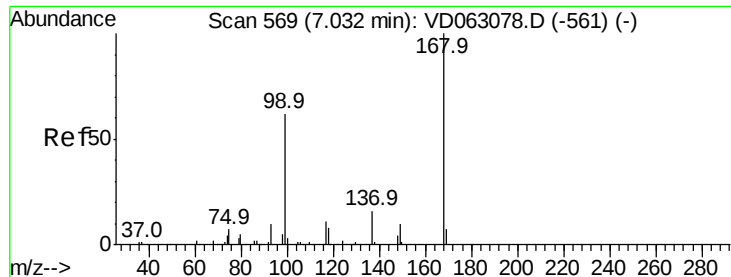
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD063140.D

Acq: 17 Jul 2019 19:18

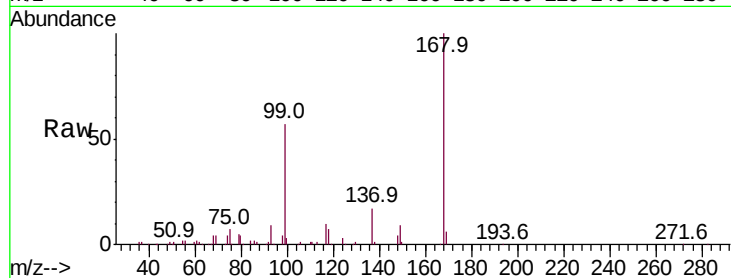
Instrument :
MSVOA_D
ClientSampleId :
RT-3456

Tot Ion:168 Resp: 890405

Ion Ratio Lower Upper

168 100

99 56.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

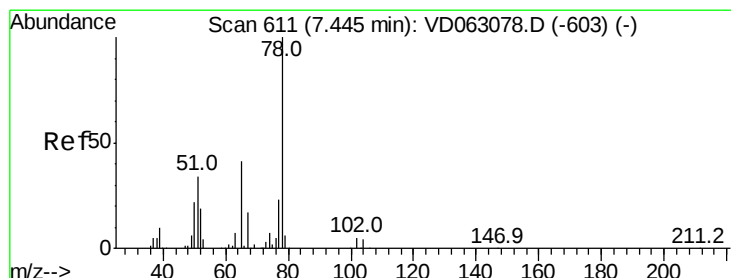
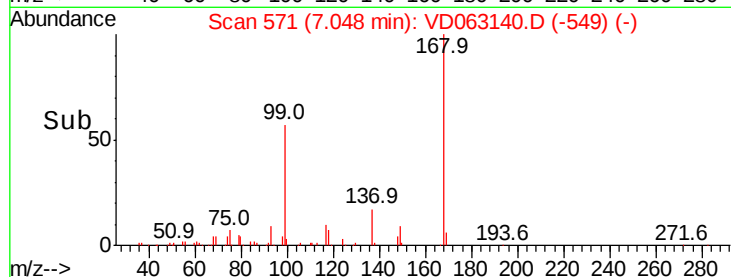
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.027 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063140.D

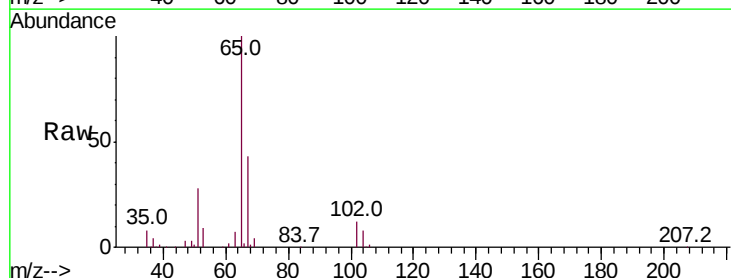
Acq: 17 Jul 2019 19:18

Tgt Ion: 65 Resp: 455063

Ion Ratio Lower Upper

65 100

67 43.1 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

200000

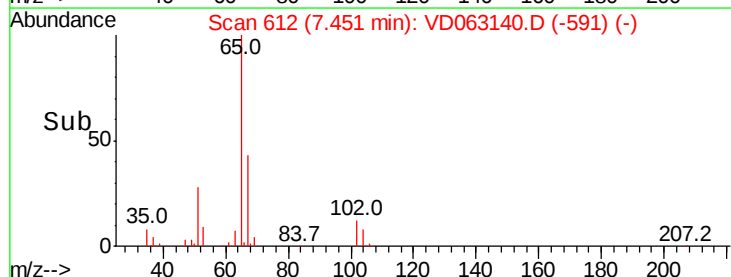
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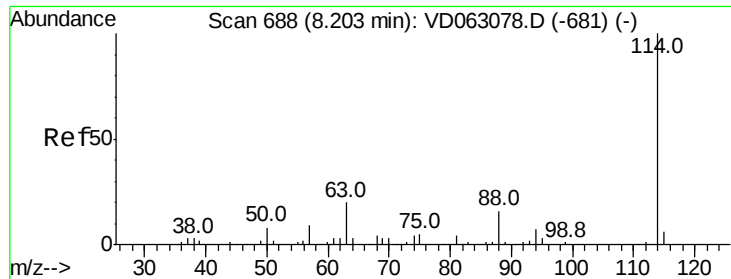
100000

50000

0

Time-->

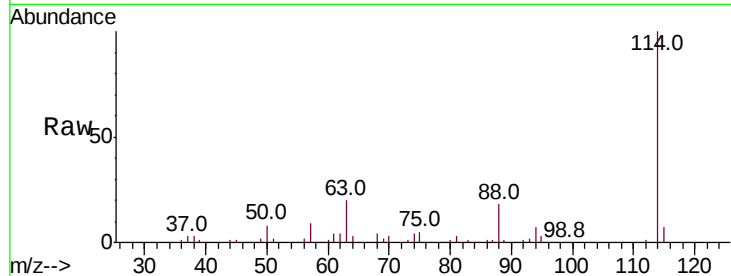




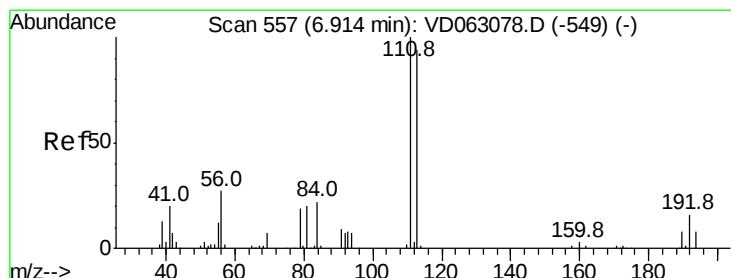
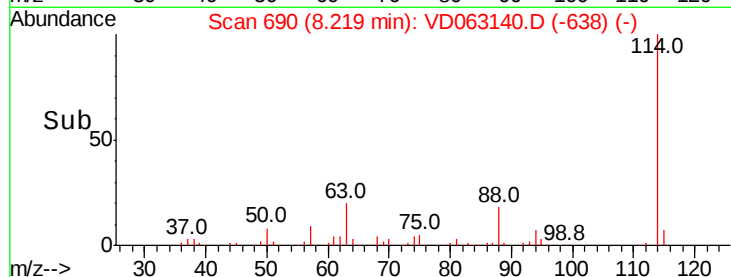
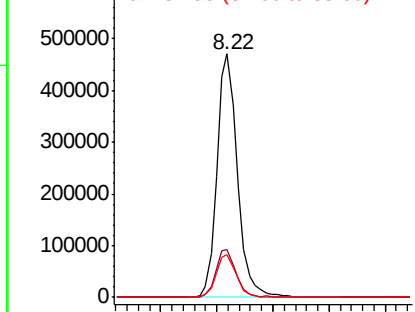
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD063140.D
 Acq: 17 Jul 2019 19:18

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3456

Tot Ion:114 Resp: 1195026
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 17.7 0.0 32.6

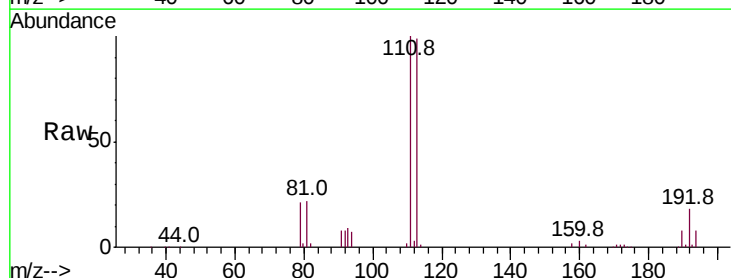


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

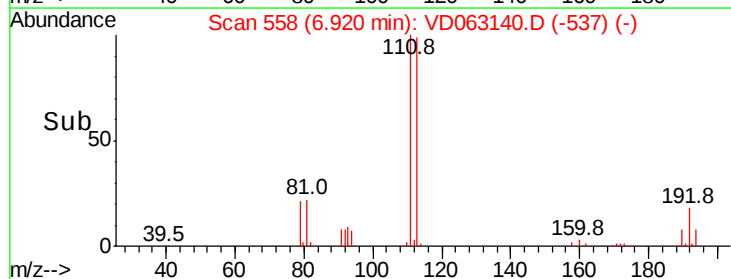
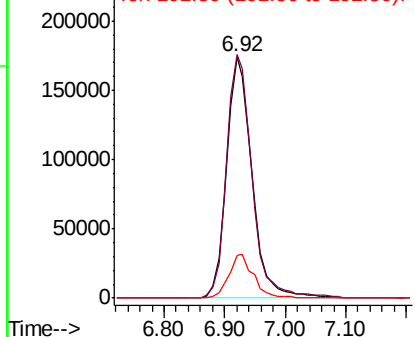


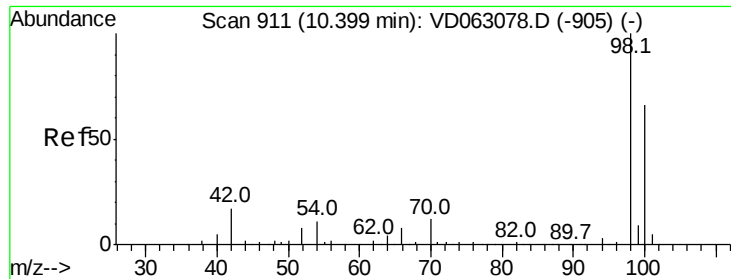
#35
 Dibromofluoromethane
 Concen: 42.561 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063140.D
 Acq: 17 Jul 2019 19:18

Tgt Ion:113 Resp: 506596
 Ion Ratio Lower Upper
 113 100
 111 101.0 84.8 127.2
 192 18.0 13.4 20.0



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

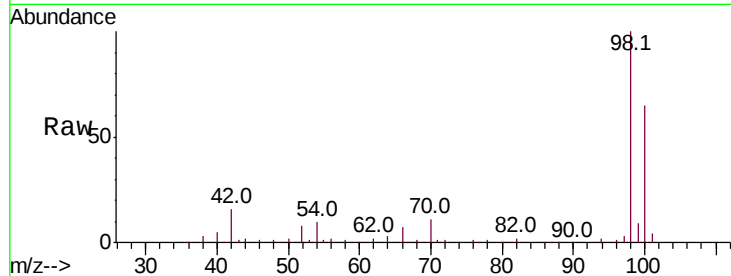




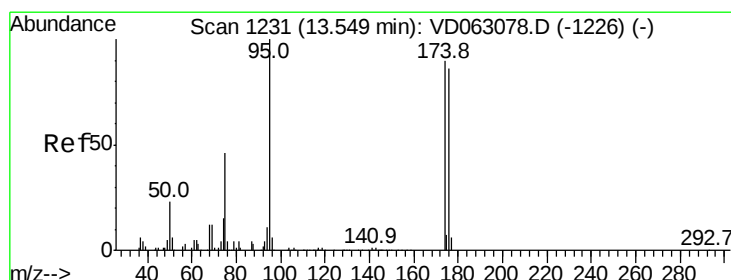
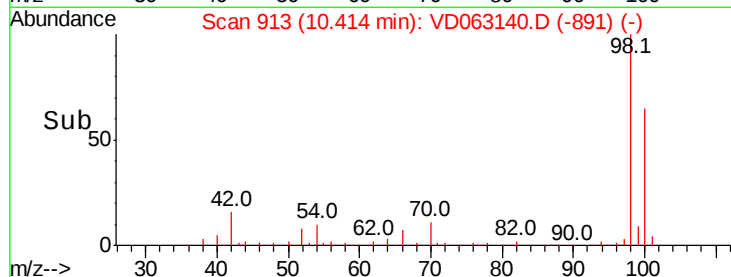
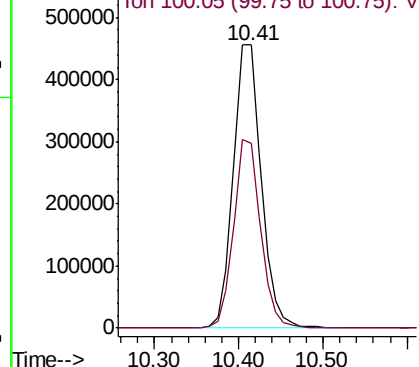
#50
Toluene-d8
Concen: 41.351 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument :
MSVOA_D
ClientSampleId :
RT-3456

Tot Ion: 98 Resp: 1057229
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3

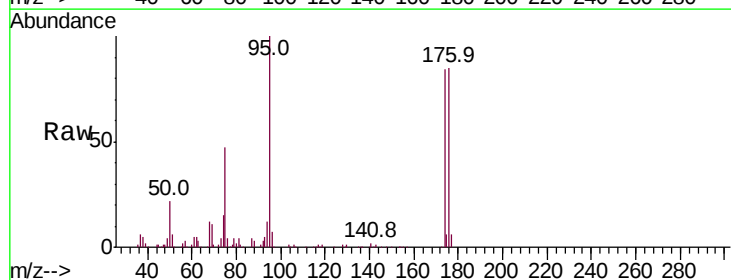


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

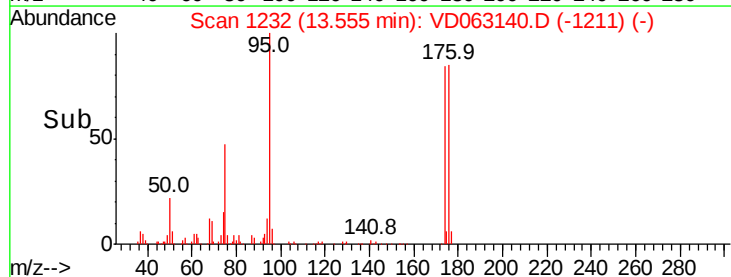
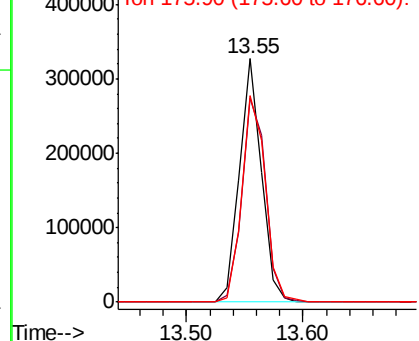


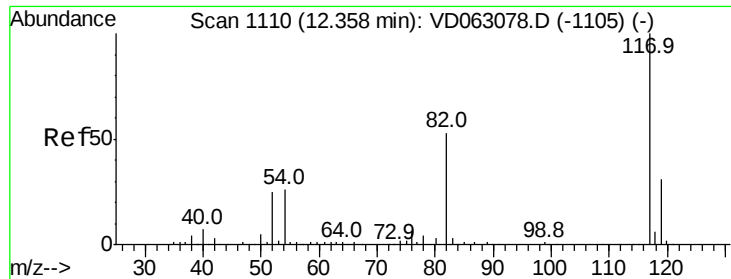
#62
4-Bromofluorobenzene
Concen: 36.227 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion: 95 Resp: 428508
Ion Ratio Lower Upper
95 100
174 83.5 0.0 180.6
176 84.8 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

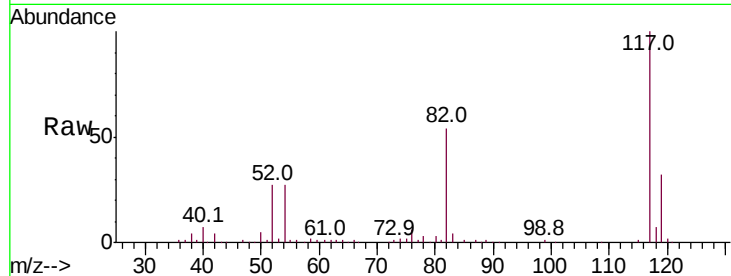




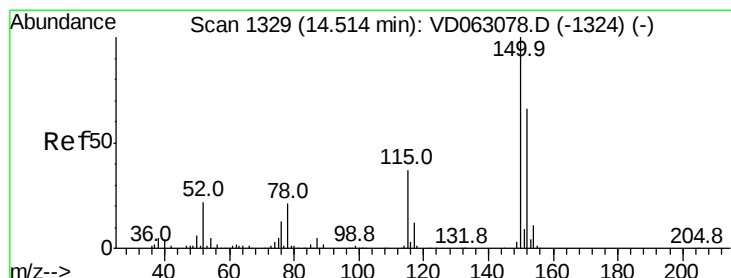
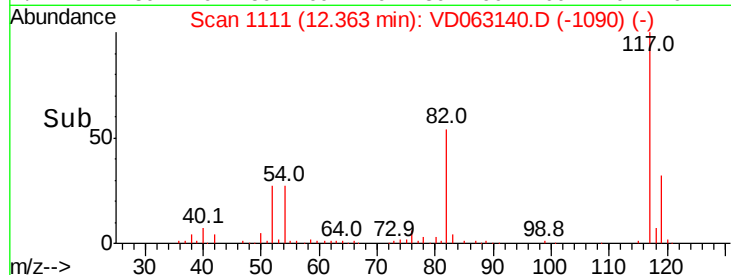
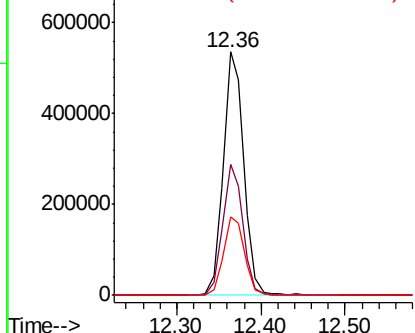
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Instrument :
MSVOA_D
ClientSampleId :
RT-3456

Tot Ion:117 Resp: 900908
Ion Ratio Lower Upper
117 100
82 53.7 42.3 63.5
119 32.3 25.2 37.8

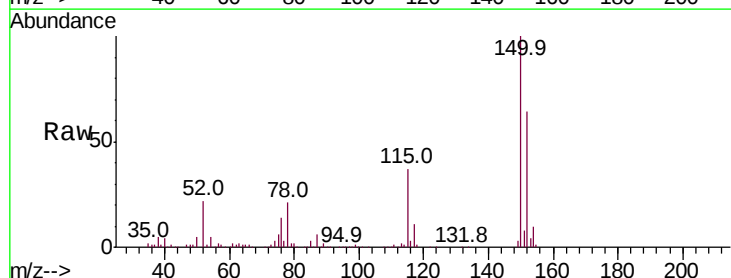


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063140.D
Acq: 17 Jul 2019 19:18

Tgt Ion:152 Resp: 416990
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.8
150 156.1 0.0 313.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

