

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069113.D
 Acq On : 07 May 2021 20:18
 Operator : VA/SY
 Sample : M2295-01
 Misc : 3.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRUM-A-B-C

Quant Time: May 08 00:10:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

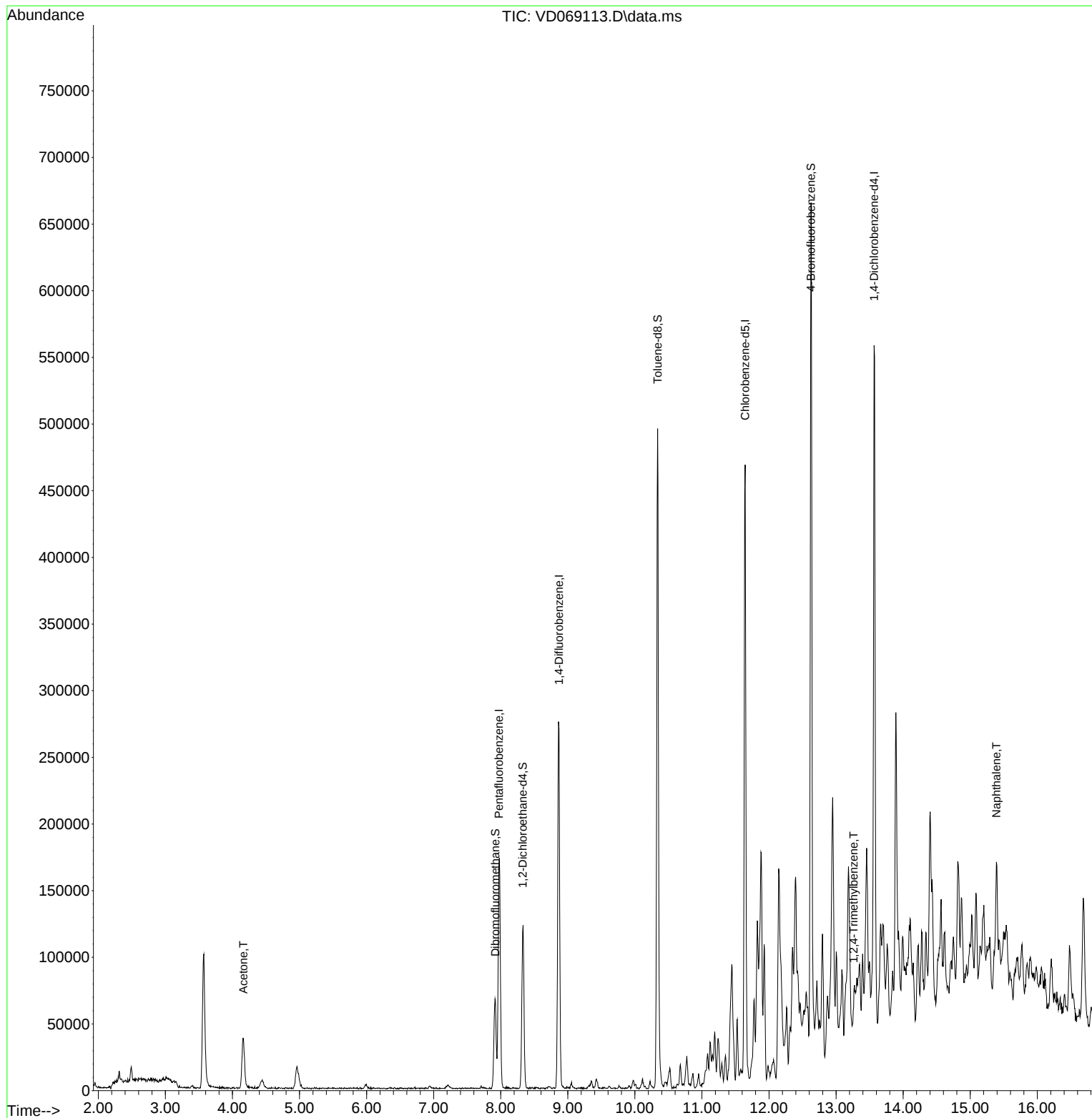
Internal Standards						
1) Pentafluorobenzene	7.973	168	126277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	240208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	275142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	143939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	95004	58.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.76%			
35) Dibromofluoromethane	7.920	113	48400	29.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 58.76%			
50) Toluene-d8	10.338	98	328261	53.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.96%			
62) 4-Bromofluorobenzene	12.626	95	131066	65.52	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 131.04%			
Target Compounds						Qvalue
16) Acetone	4.162	43	64045	283.57	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	8871	1.05	ug/l	91
95) Naphthalene	15.390	128	90096	20.17	ug/l #	95

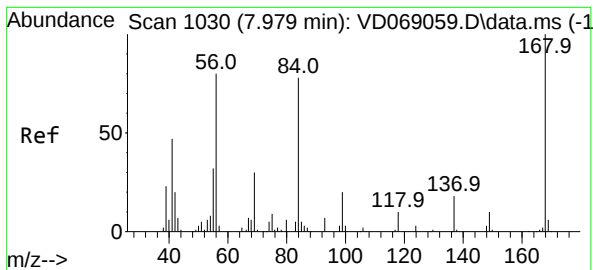
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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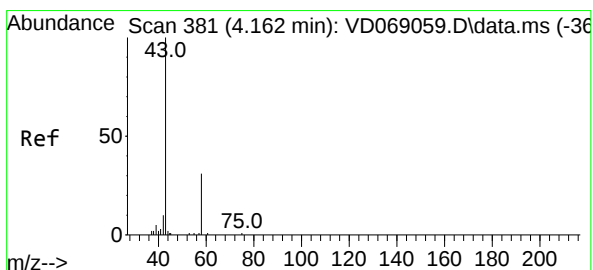
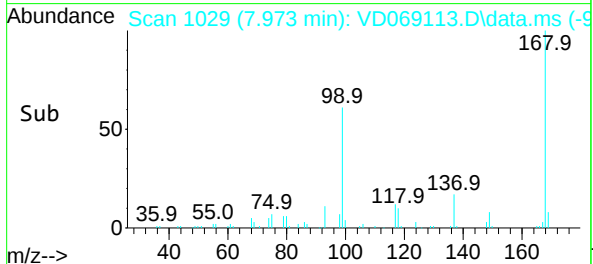
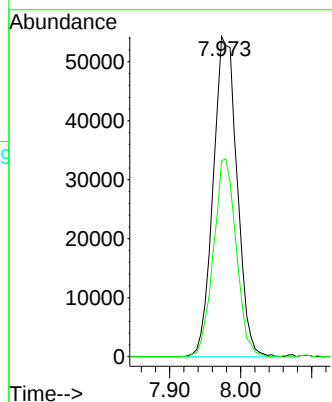
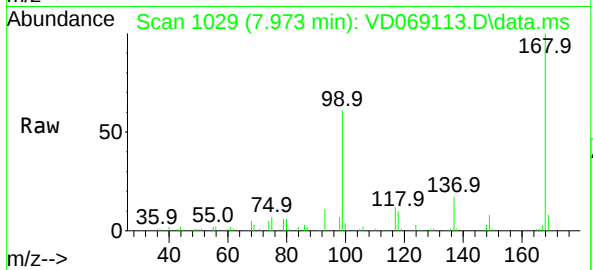




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069113.D
Acq: 07 May 2021 20:18

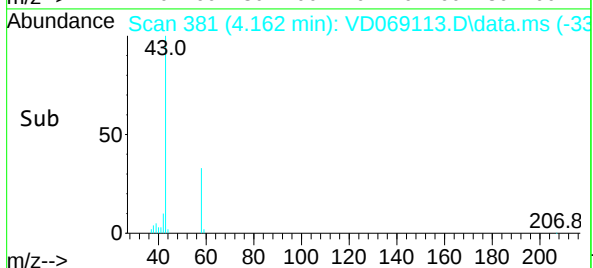
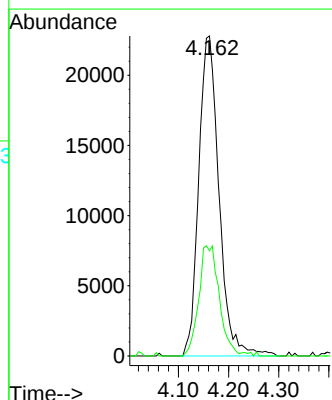
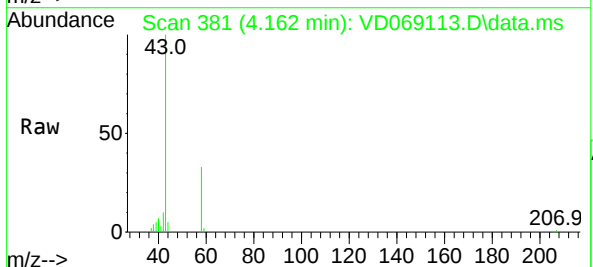
Instrument :
MSVOA_D
ClientSampleId :
DRUM-A-B-C

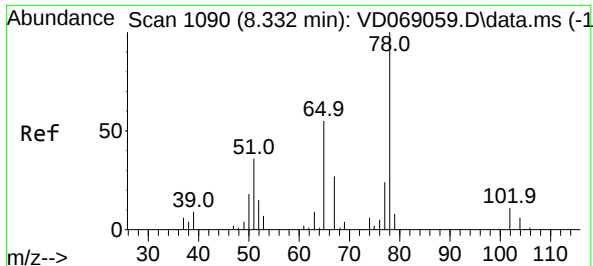
Tgt Ion:168 Resp: 126277
Ion Ratio Lower Upper
168 100
99 61.2 52.6 78.8



#16
Acetone
Concen: 283.57 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069113.D
Acq: 07 May 2021 20:18

Tgt Ion: 43 Resp: 64045
Ion Ratio Lower Upper
43 100
58 32.9 24.5 36.7

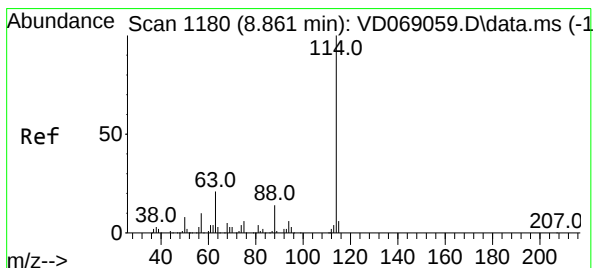
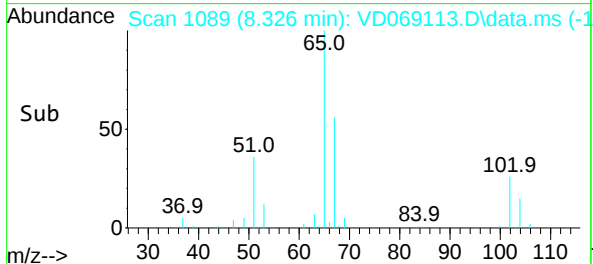
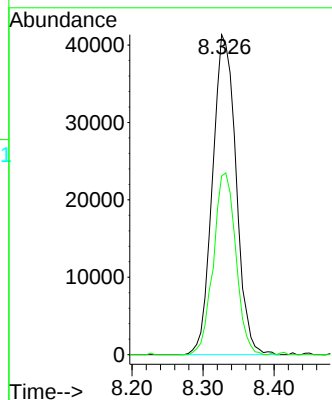
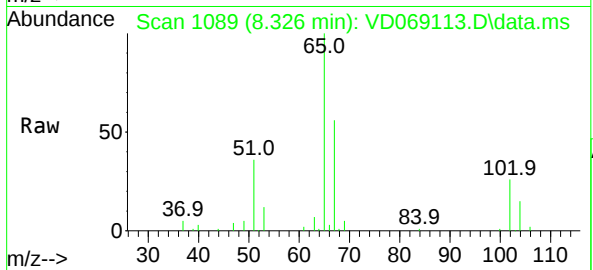




#33
1,2-Dichloroethane-d4
Concen: 58.38 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069113.D
Acq: 07 May 2021 20:18

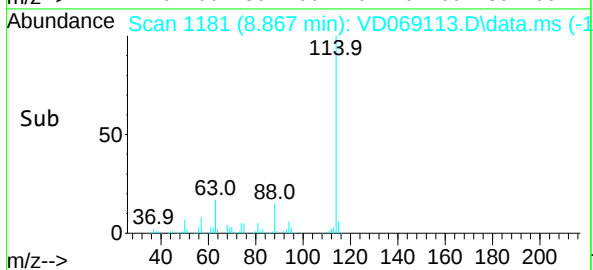
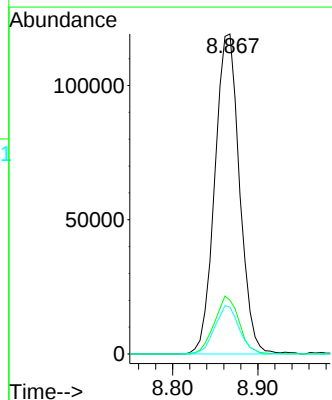
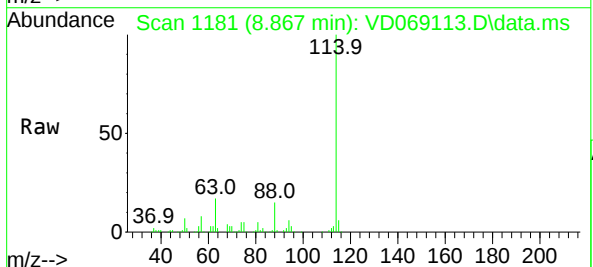
Instrument :
MSVOA_D
ClientSampleId :
DRUM-A-B-C

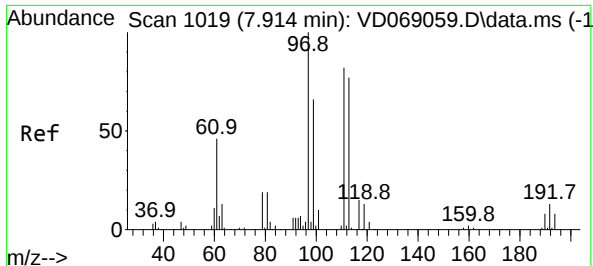
Tgt Ion: 65 Resp: 95004
Ion Ratio Lower Upper
65 100
67 54.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD069113.D
Acq: 07 May 2021 20:18

Tgt Ion: 114 Resp: 240208
Ion Ratio Lower Upper
114 100
63 16.8 0.0 41.4
88 14.6 0.0 27.8





#35

Dibromofluoromethane

Concen: 29.38 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD069113.D

Acq: 07 May 2021 20:18

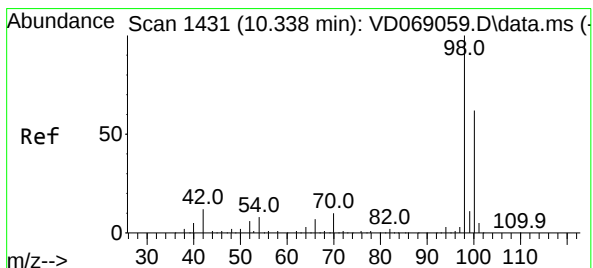
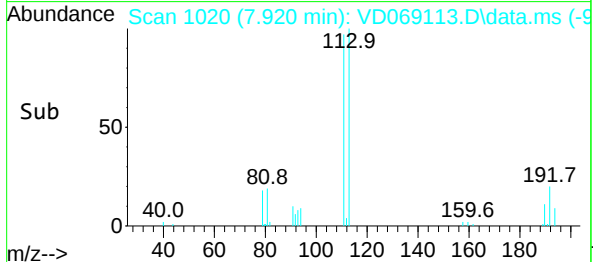
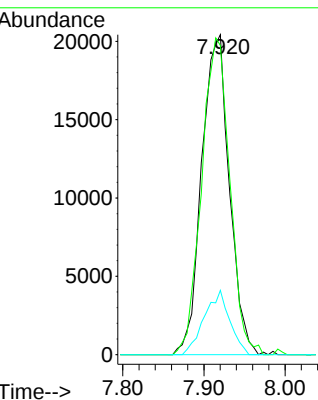
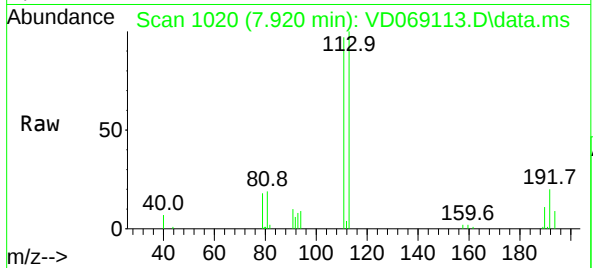
Tgt Ion:113 Resp: 48400

Ion Ratio Lower Upper

113 100

111 100.7 84.6 126.8

192 18.5 13.5 20.3



#50

Toluene-d8

Concen: 53.98 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD069113.D

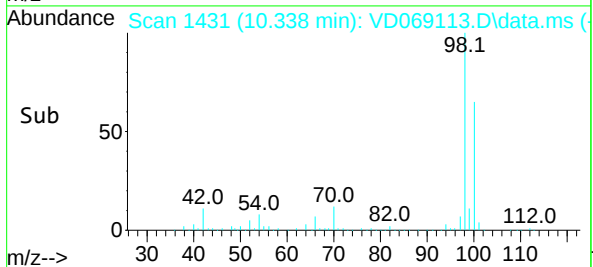
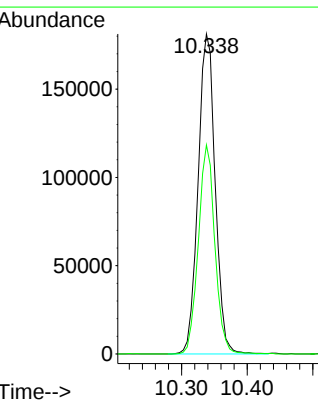
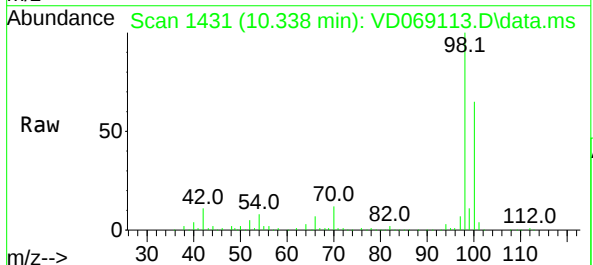
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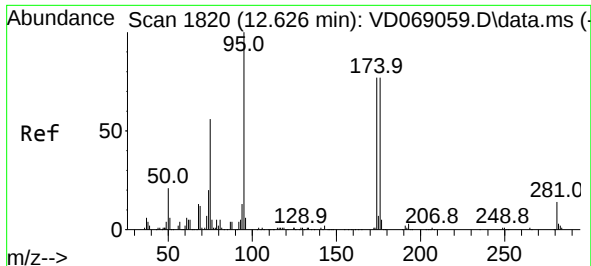
Tgt Ion: 98 Resp: 328261

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4

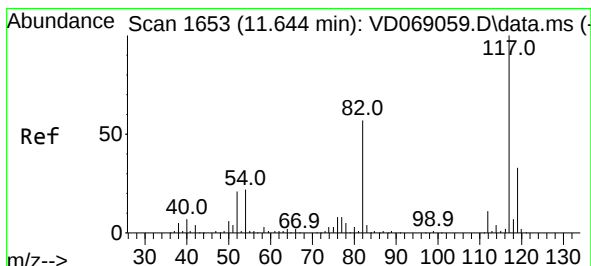
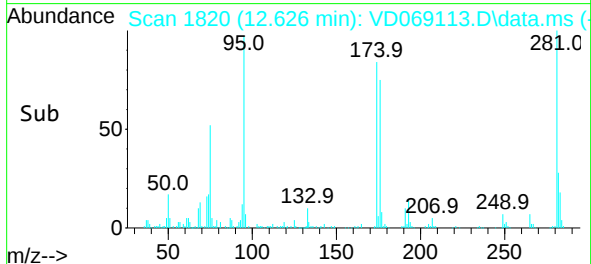
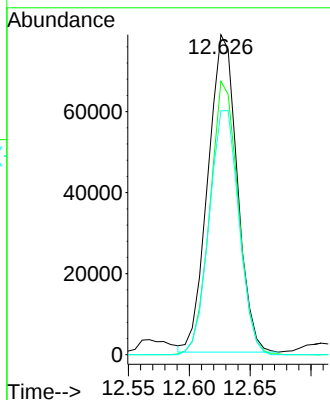
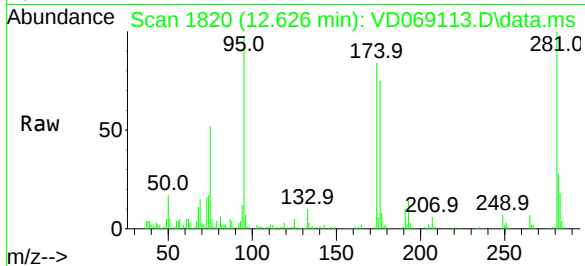




#62
4-Bromofluorobenzene
Concen: 65.52 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069113.D
Acq: 07 May 2021 20:18

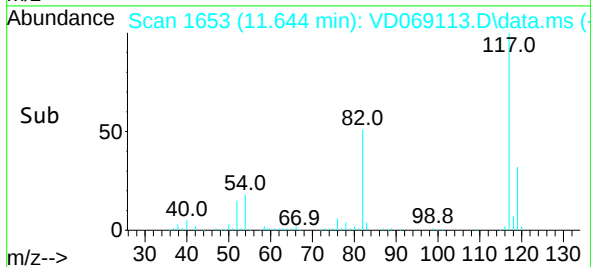
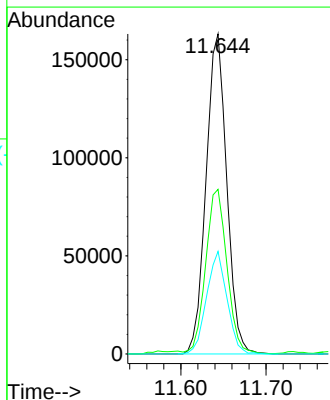
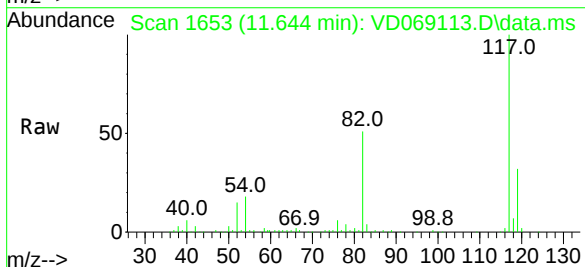
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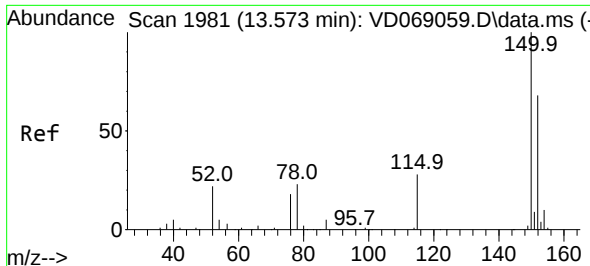
Tgt Ion: 95 Resp: 131066
Ion Ratio Lower Upper
95 100
174 83.3 0.0 156.0
176 78.4 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069113.D
Acq: 07 May 2021 20:18

Tgt Ion: 117 Resp: 275142
Ion Ratio Lower Upper
117 100
82 51.2 45.4 68.2
119 32.1 26.8 40.2

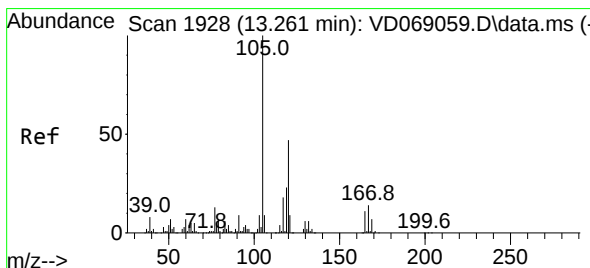
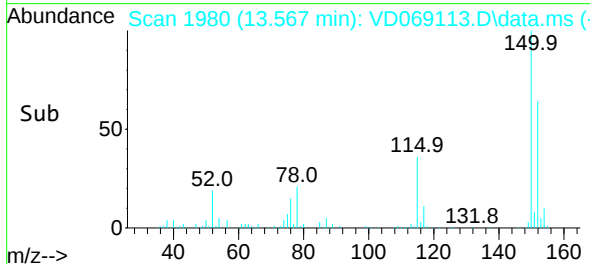
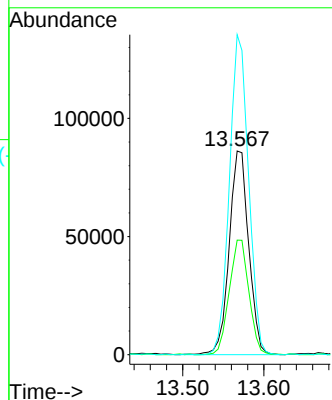
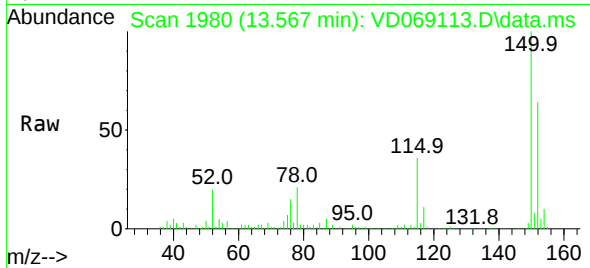




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD069113.D
 Acq: 07 May 2021 20:18

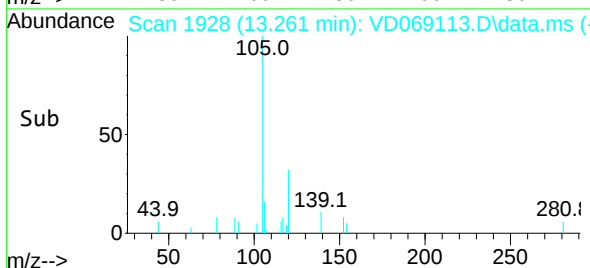
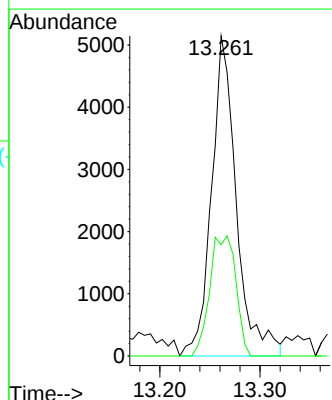
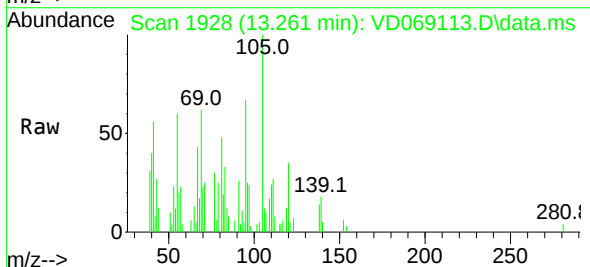
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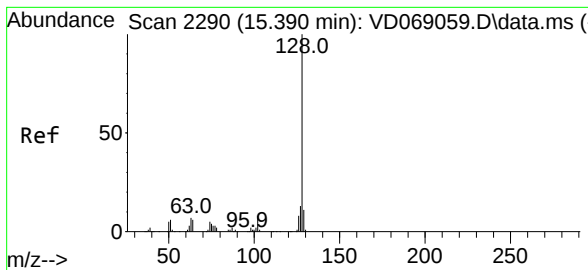
Tgt Ion:152 Resp: 143939
 Ion Ratio Lower Upper
 152 100
 115 56.7 30.5 91.5
 150 154.1 0.0 340.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.05 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: VD069113.D
 Acq: 07 May 2021 20:18

Tgt Ion:105 Resp: 8871
 Ion Ratio Lower Upper
 105 100
 120 39.3 22.5 67.5





#95
Naphthalene
Concen: 20.17 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069113.D
Acq: 07 May 2021 20:18

Instrument :
MSVOA_D
ClientSampleId :
DRUM-A-B-C

Tgt Ion:128 Resp: 90096
Ion Ratio Lower Upper
128 100
127 16.3 10.7 16.1#
129 11.7 8.5 12.7

