

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068135.D
 Acq On : 21 Jan 2021 16:19
 Operator : VA/SY
 Sample : M1193-01
 Misc : 6.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-012121

Quant Time: Jan 22 00:10:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

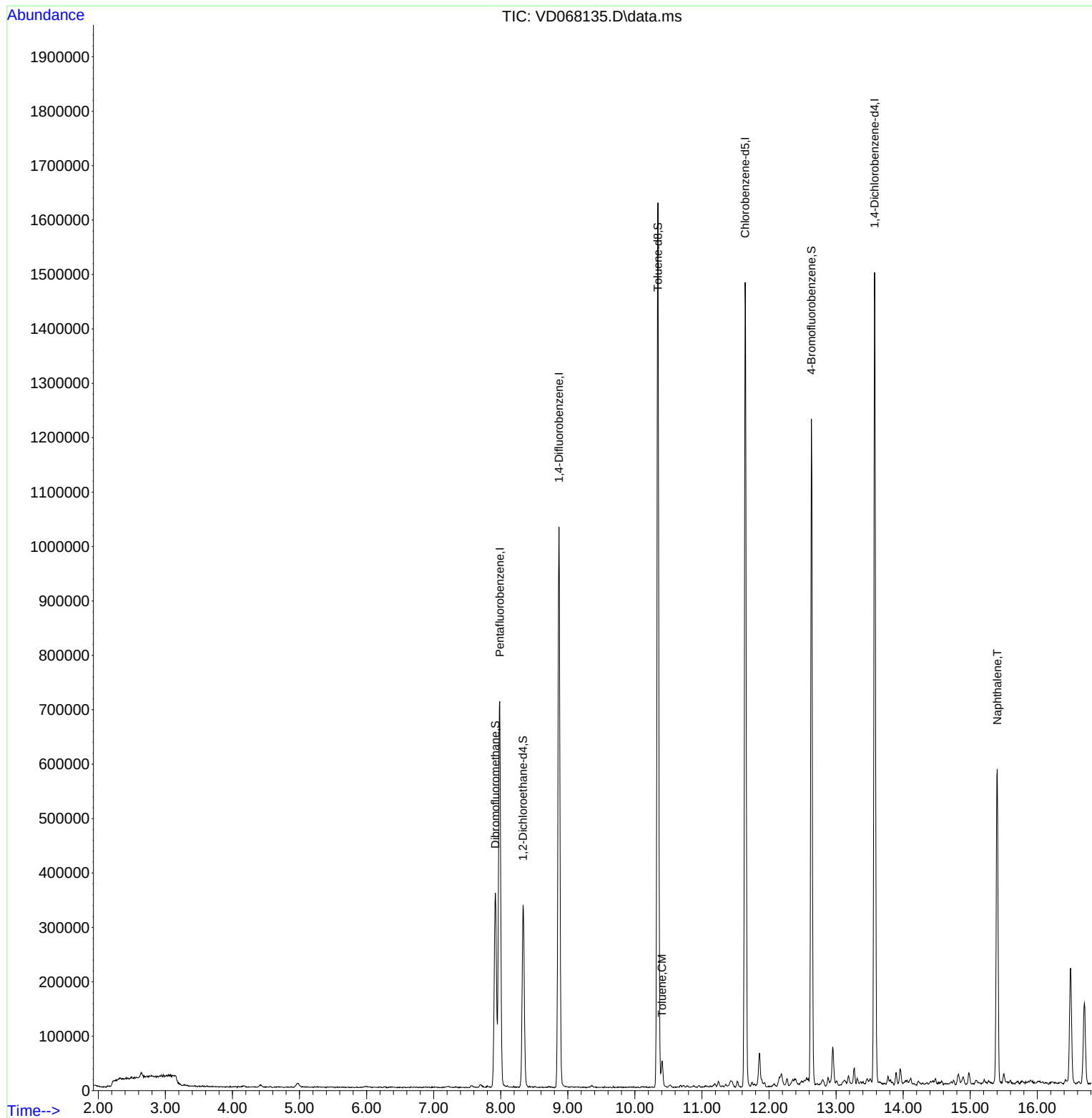
Internal Standards						
1) Pentafluorobenzene	7.985	168	540547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	913148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	884294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	400760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	267793	51.79	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.58%			
35) Dibromofluoromethane	7.920	113	267094	52.91	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.82%			
50) Toluene-d8	10.344	98	1137999	56.35	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.70%			
62) 4-Bromofluorobenzene	12.632	95	420004	57.76	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.52%			
Target Compounds						Qvalue
52) Toluene	10.403	92	18593	1.11	ug/l	97
95) Naphthalene	15.402	128	530123	35.03	ug/l	100

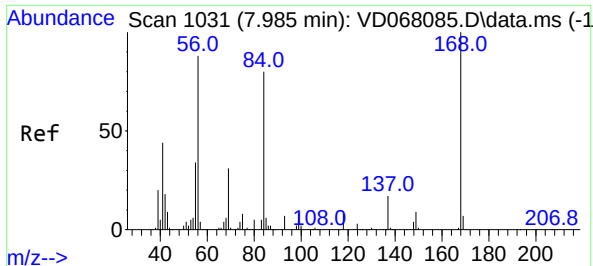
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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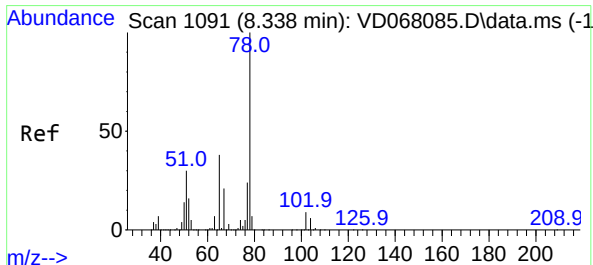
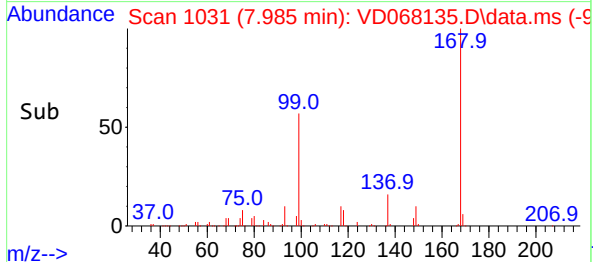
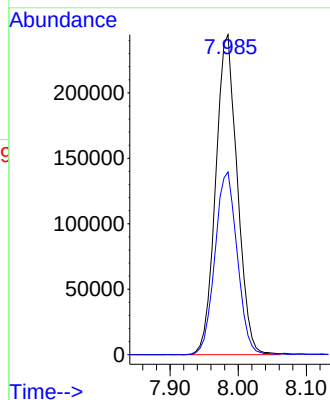
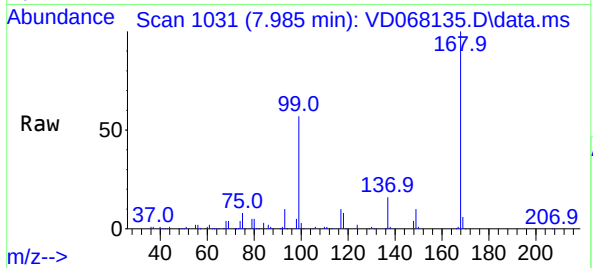




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068135.D
Acq: 21 Jan 2021 16:19

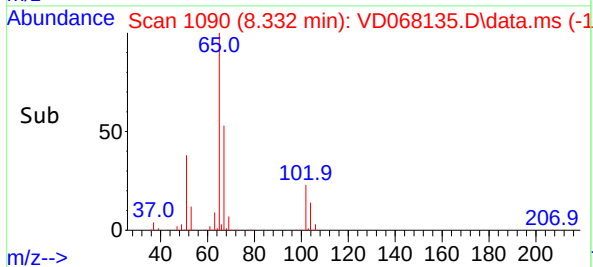
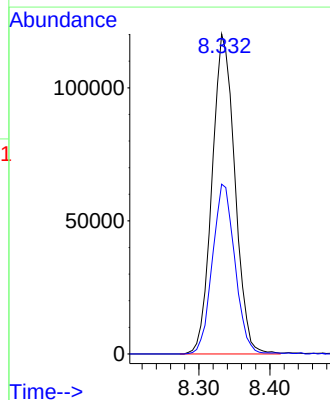
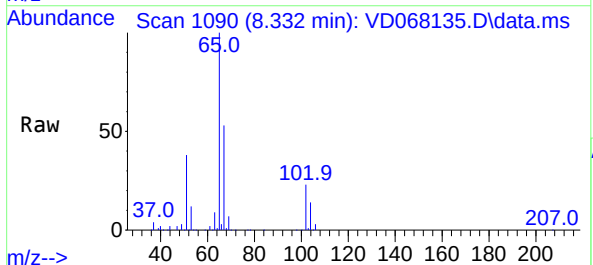
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012121

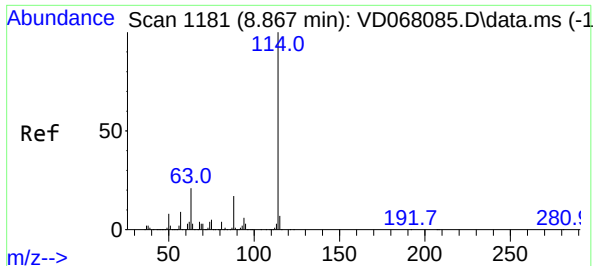
Tgt Ion:168 Resp: 540547
Ion Ratio Lower Upper
168 100
99 57.1 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 51.79 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068135.D
Acq: 21 Jan 2021 16:19

Tgt Ion: 65 Resp: 267793
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0



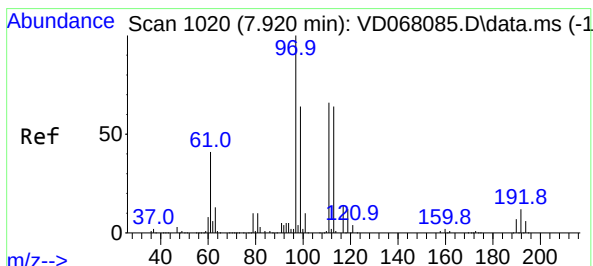
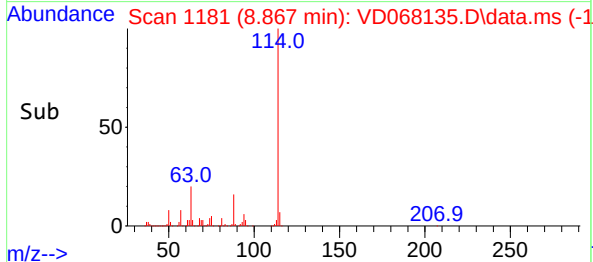
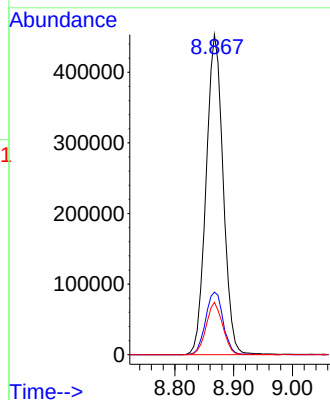
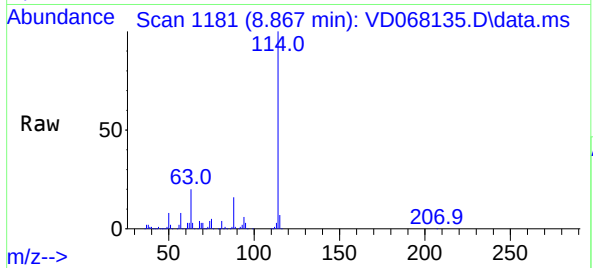


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068135.D
Acq: 21 Jan 2021 16:19

Instrument :
MSVOA_D
ClientSampleId :
OR-02-012121

Tgt Ion:114 Resp: 913148

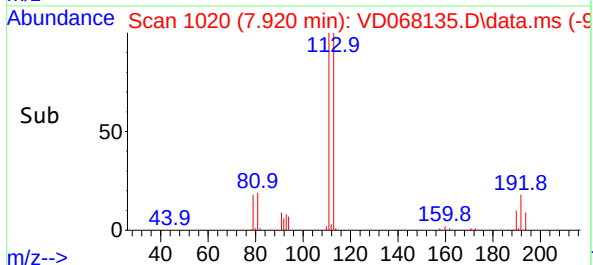
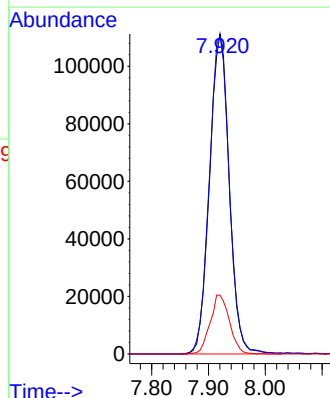
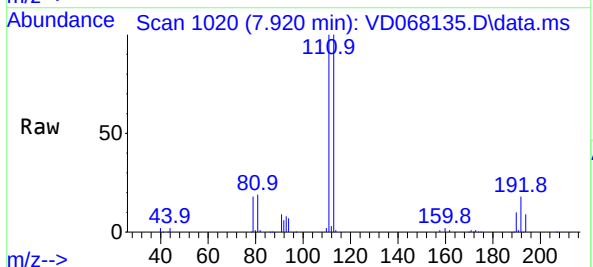
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	34.8
88	16.4	0.0	31.6

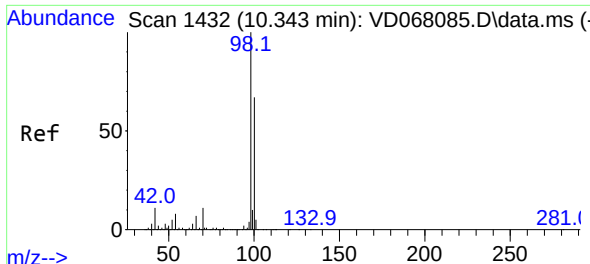


#35
Dibromofluoromethane
Concen: 52.91 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068135.D
Acq: 21 Jan 2021 16:19

Tgt Ion:113 Resp: 267094

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.0
192	18.0	16.1	24.1

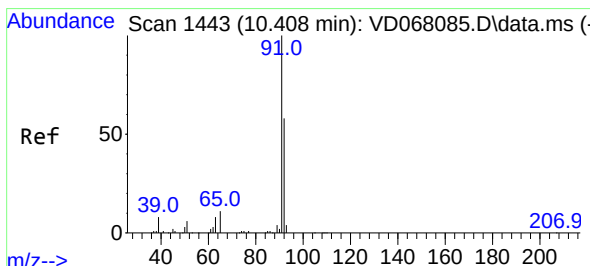
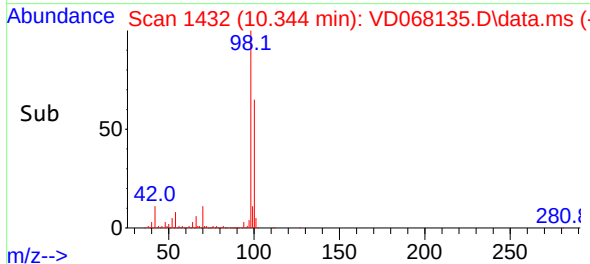
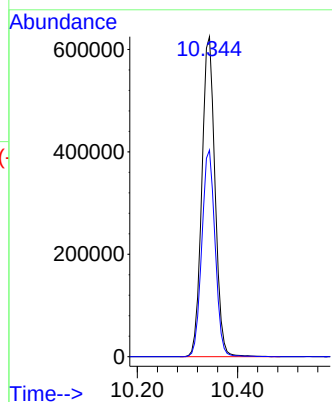
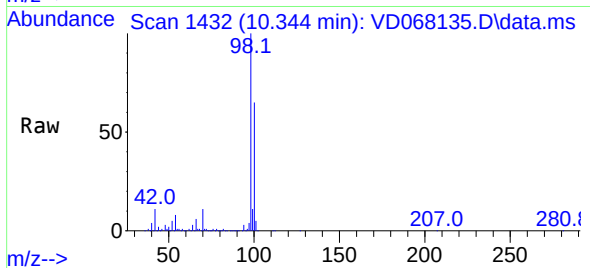




#50
Toluene-d8
Concen: 56.35 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068135.D
Acq: 21 Jan 2021 16:19

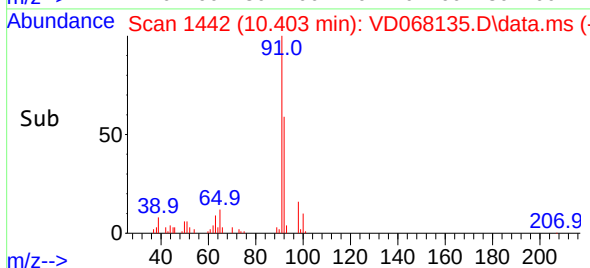
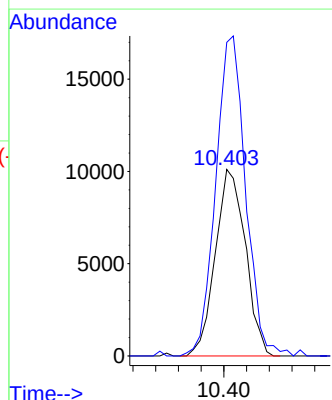
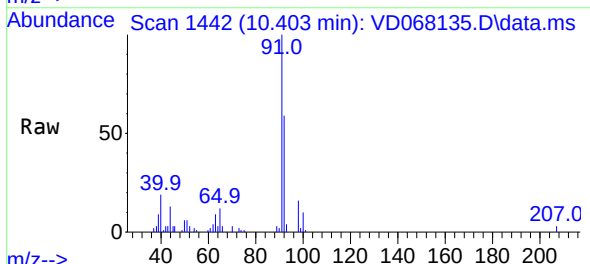
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012121

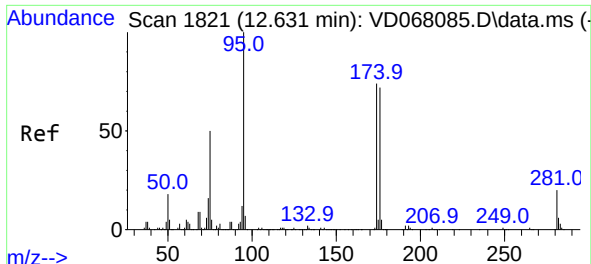
Tgt Ion: 98 Resp: 1137999
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#52
Toluene
Concen: 1.11 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068135.D
Acq: 21 Jan 2021 16:19

Tgt Ion: 92 Resp: 18593
Ion Ratio Lower Upper
92 100
91 171.1 134.1 201.1

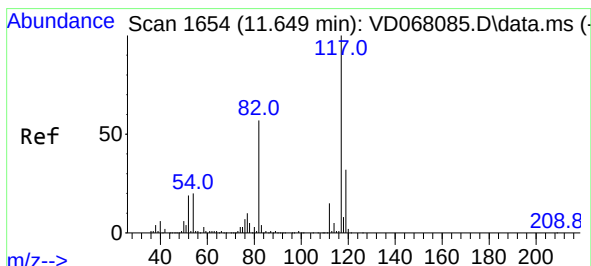
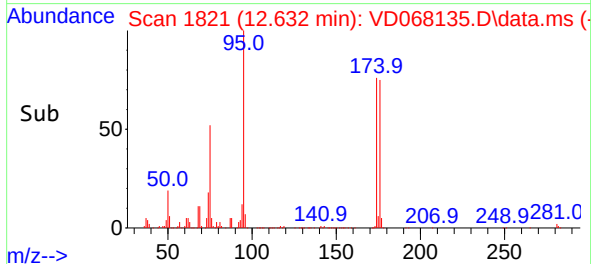
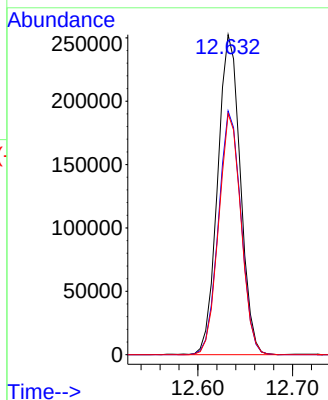
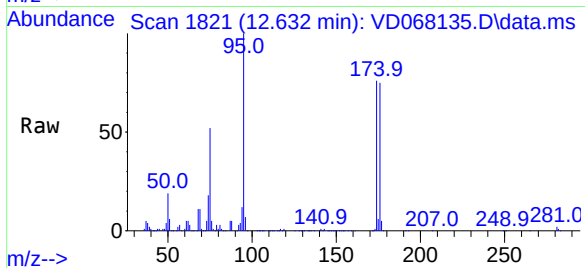




#62
4-Bromofluorobenzene
Concen: 57.76 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068135.D
Acq: 21 Jan 2021 16:19

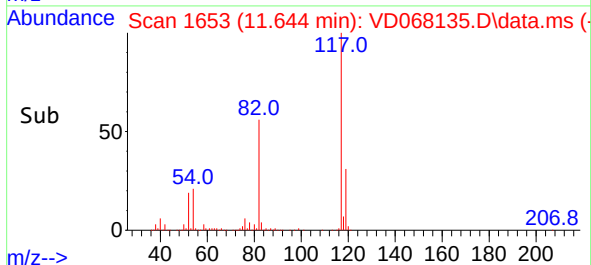
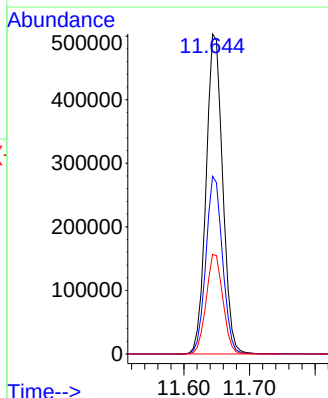
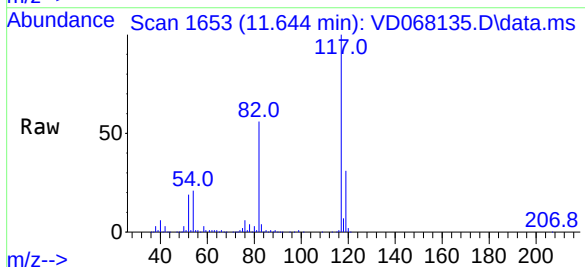
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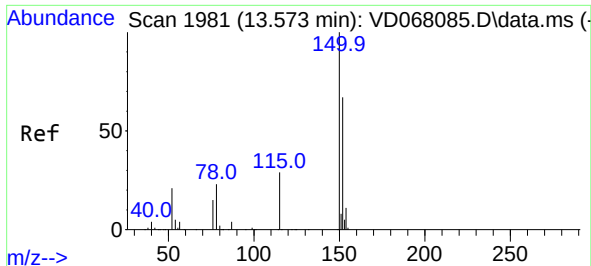
Tgt Ion: 95 Resp: 420004
Ion Ratio Lower Upper
95 100
174 75.9 0.0 172.4
176 74.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068135.D
Acq: 21 Jan 2021 16:19

Tgt Ion: 117 Resp: 884294
Ion Ratio Lower Upper
117 100
82 55.6 41.4 62.0
119 31.1 26.1 39.1

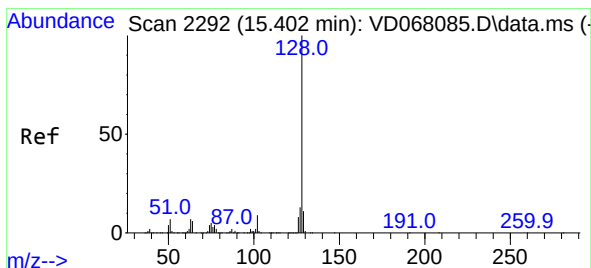
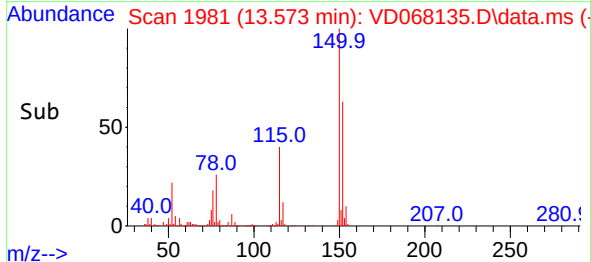
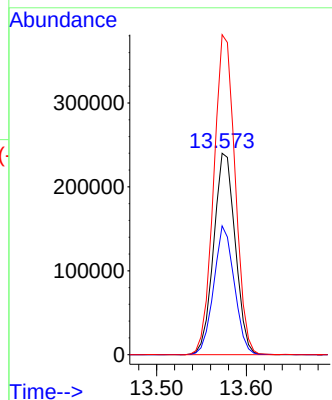
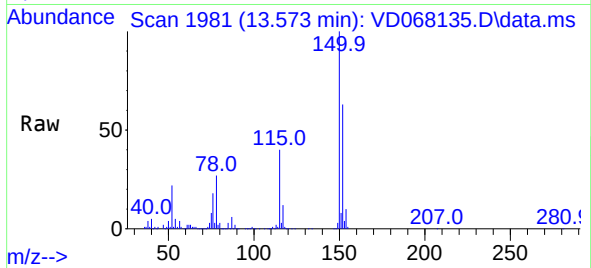




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068135.D
Acq: 21 Jan 2021 16:19

Instrument :
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Tgt Ion:152 Resp: 400760
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.8
150 157.9 0.0 344.4



#95
Naphthalene
Concen: 35.03 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068135.D
Acq: 21 Jan 2021 16:19

Tgt Ion:128 Resp: 530123
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.2 8.8 13.2

