

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012521\
 Data File : VD068179.D
 Acq On : 25 Jan 2021 20:28
 Operator : VA/SY
 Sample : M1234-01
 Misc : 6.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HOLLAND TUNNEL-TEST-PIT-5

Quant Time: Jan 26 00:11:13 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)

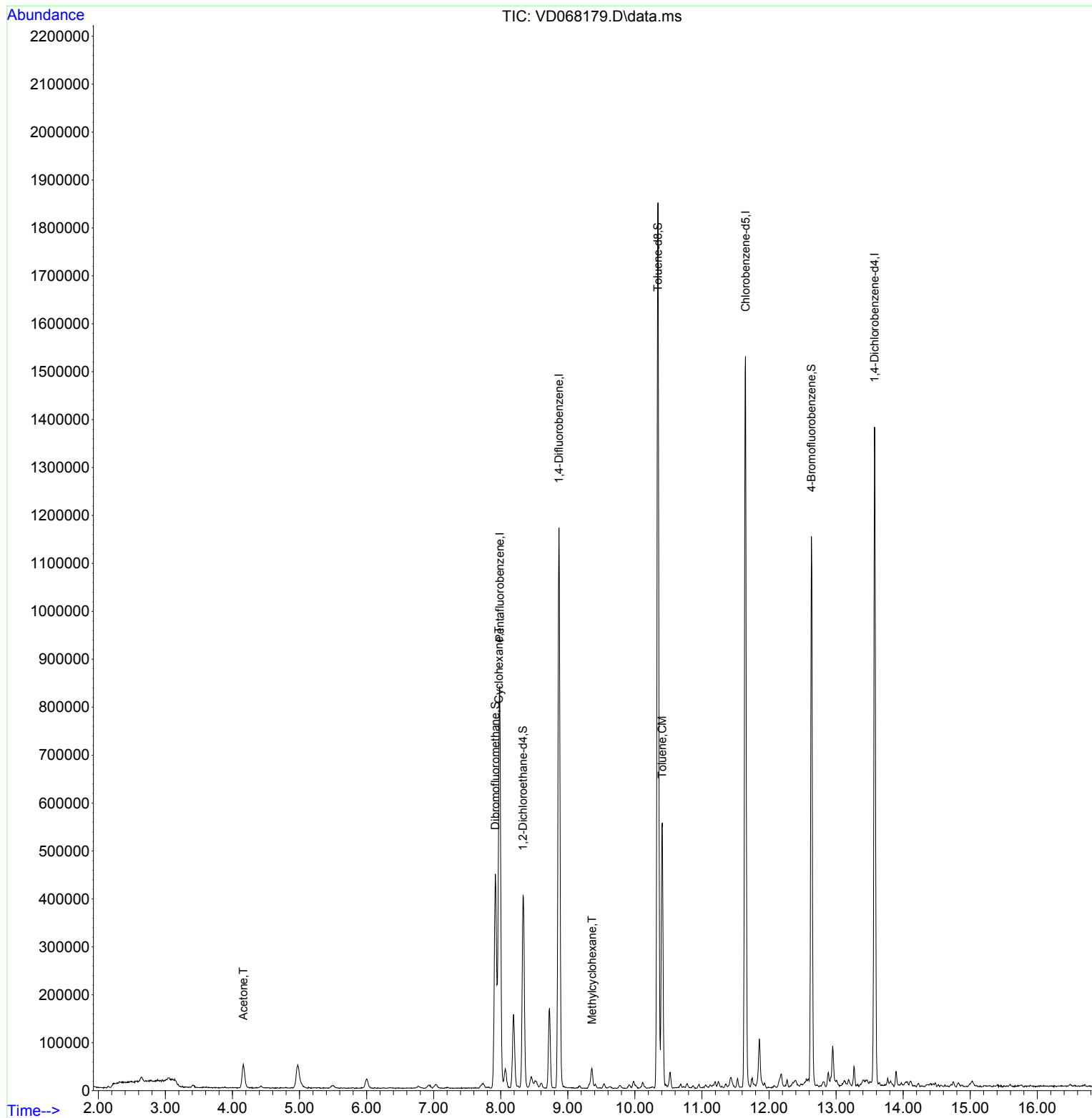
Internal Standards						
1) Pentafluorobenzene	7.985	168	615787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1065992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	919617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	375543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	330162	56.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.10%	
35) Dibromofluoromethane	7.920	113	319279	54.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.36%	
50) Toluene-d8	10.344	98	1314181	55.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.50%	
62) 4-Bromofluorobenzene	12.632	95	401499	47.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.60%	
Target Compounds						
						Qvalue
16) Acetone	4.162	43	85595	81.38	ug/l	99
31) Cyclohexane	7.973	56	35329	2.77	ug/l #	72
39) Methylcyclohexane	9.361	83	17160	1.22	ug/l	97
52) Toluene	10.408	92	248076	12.67	ug/l	95

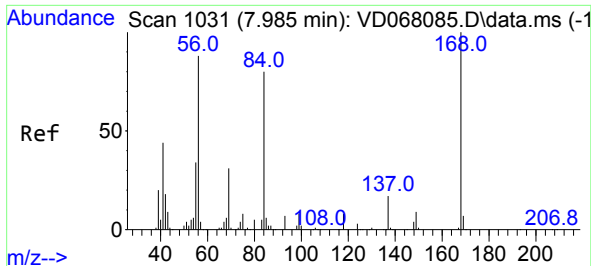
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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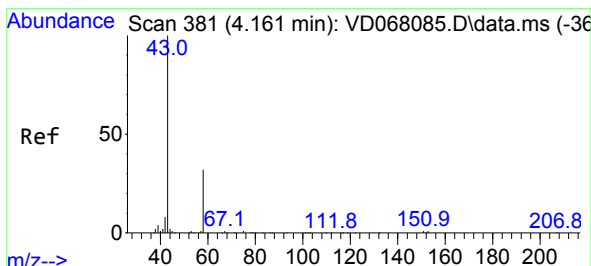
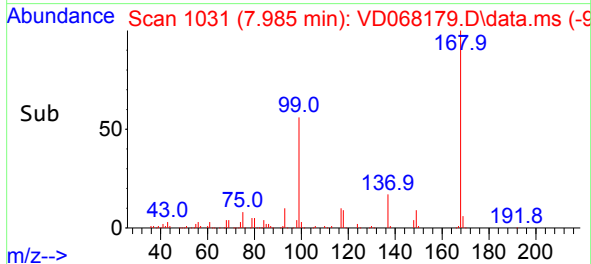
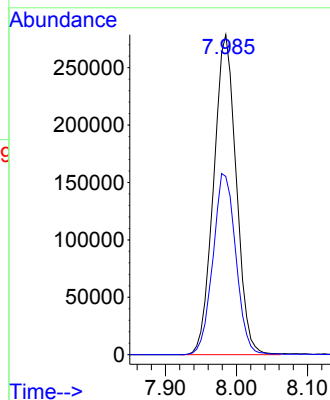
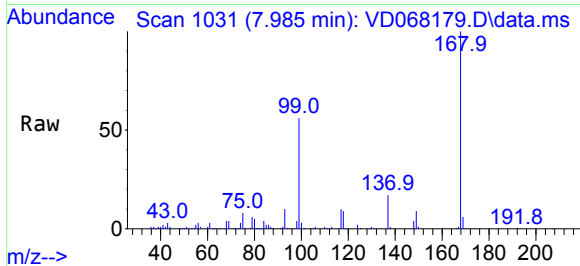




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

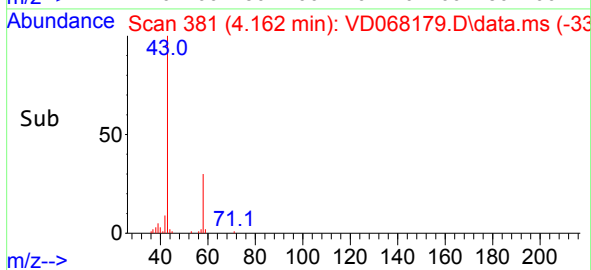
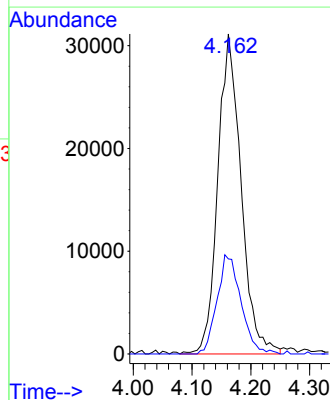
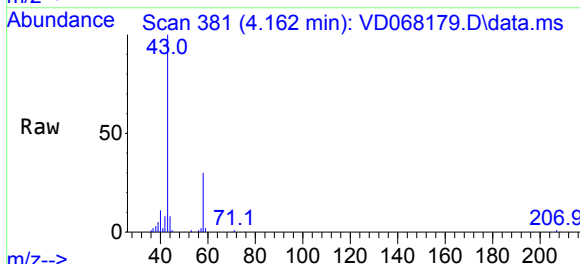
Instrument :
MSVOA_D
ClientSampleId :
HOLLAND TUNNEL-TEST-PIT-5

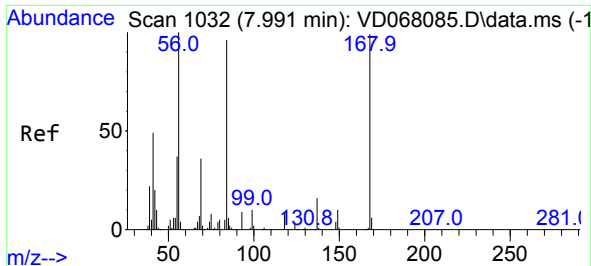
Tgt Ion:168 Resp: 615787
Ion Ratio Lower Upper
168 100
99 55.7 43.5 65.3



#16
Acetone
Concen: 81.38 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

Tgt Ion: 43 Resp: 85595
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.4

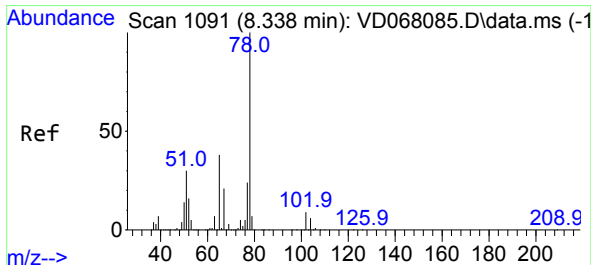
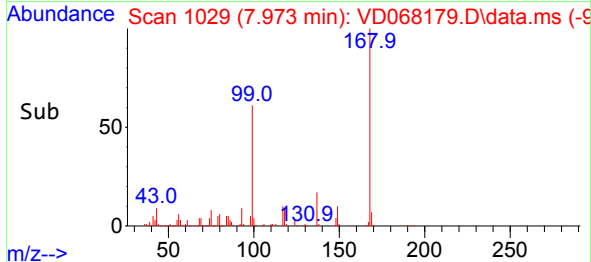
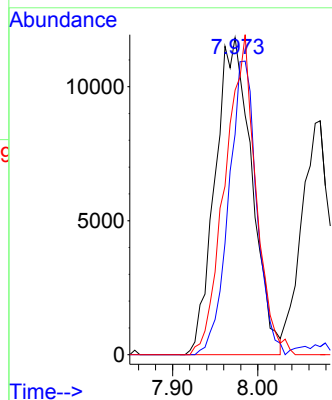
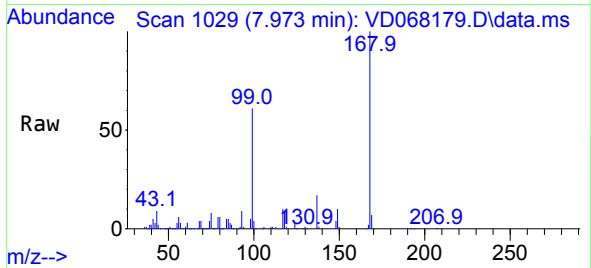




#31
Cyclohexane
Concen: 2.77 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

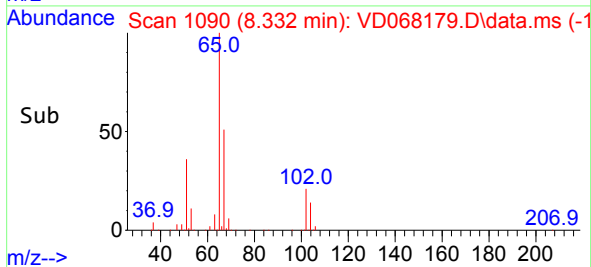
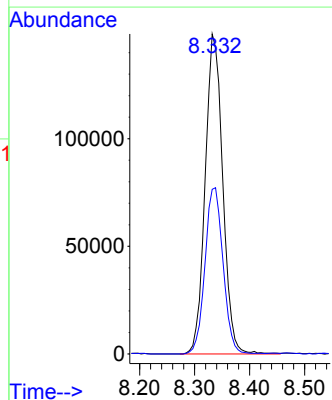
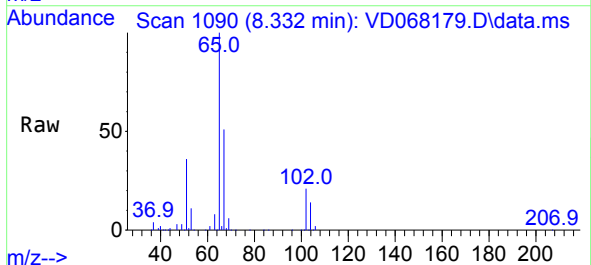
Instrument :
MSVOA_D
ClientSampleId :
HOLLAND TUNNEL-TEST-PIT-5

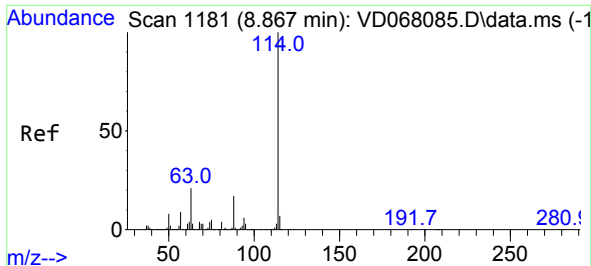
Tgt Ion: 56 Resp: 35329
Ion Ratio Lower Upper
56 100
69 69.5 30.1 45.1#
84 83.5 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 56.05 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

Tgt Ion: 65 Resp: 330162
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0

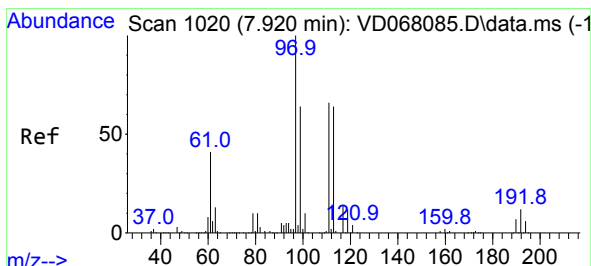
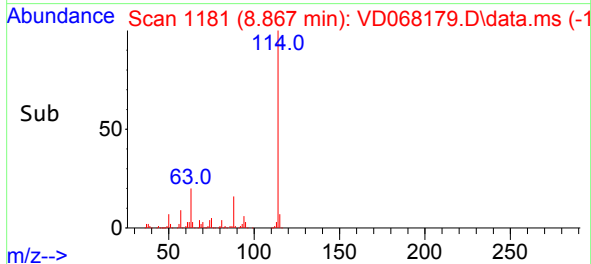
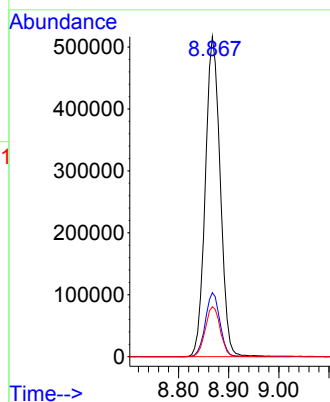
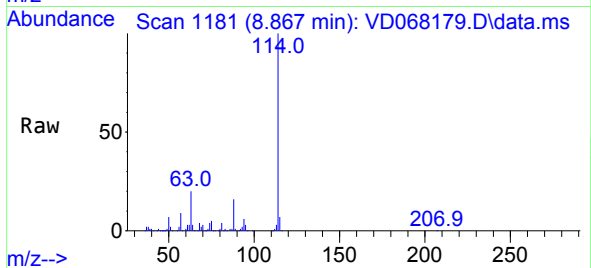




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

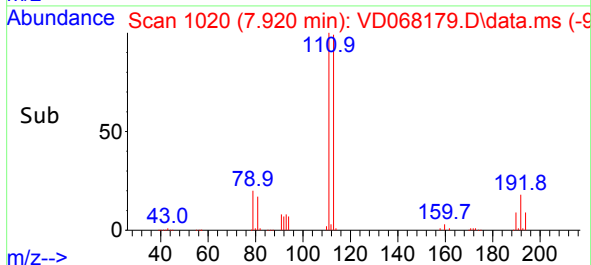
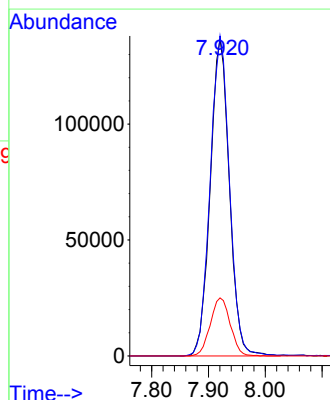
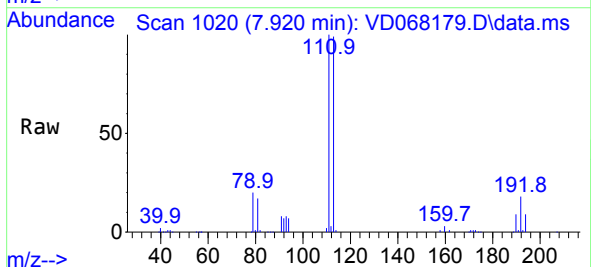
Instrument :
MSVOA_D
ClientSampleId :
HOLLAND TUNNEL-TEST-PIT-5

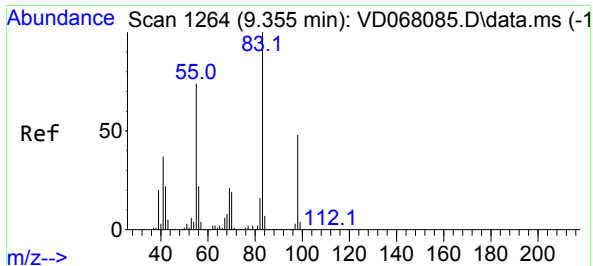
Tgt Ion:114 Resp: 1065992
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 15.6 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.18 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

Tgt Ion:113 Resp: 319279
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 19.1 16.1 24.1

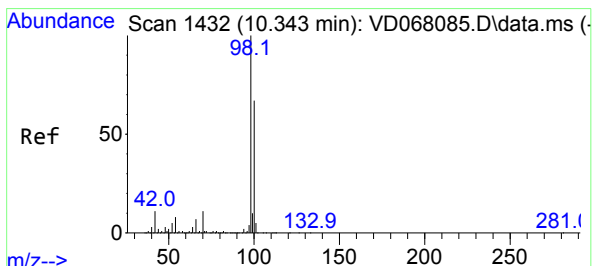
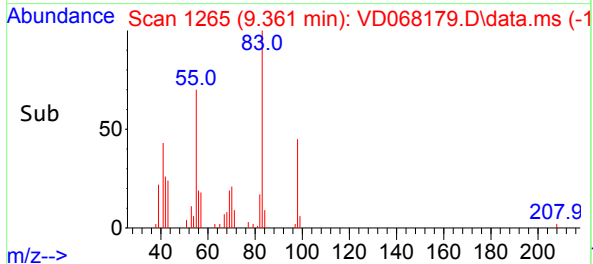
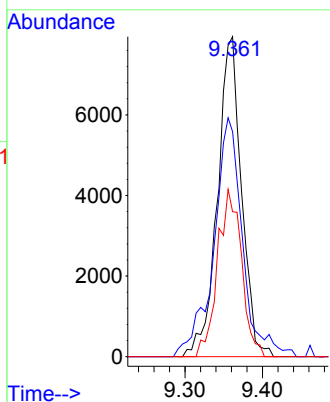
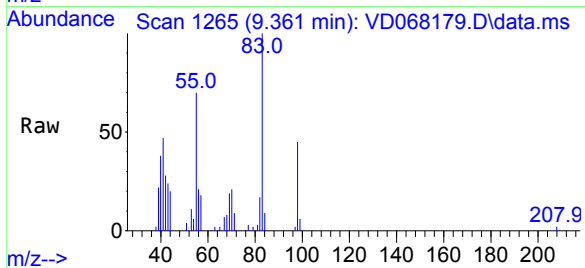




#39
Methylcyclohexane
Concen: 1.22 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

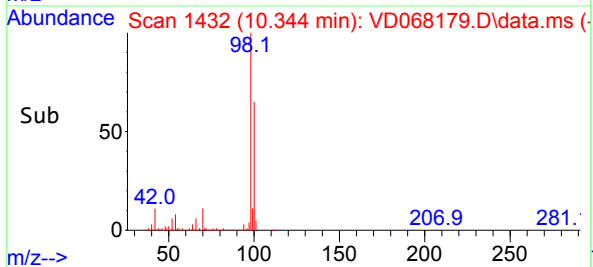
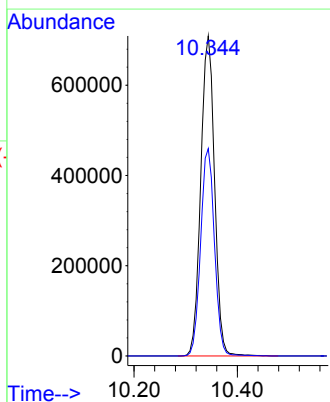
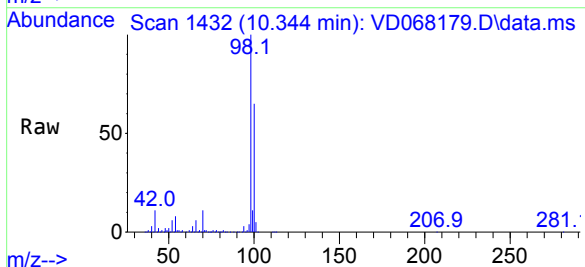
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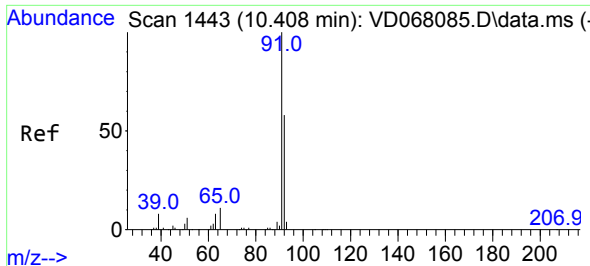
Tgt Ion: 83 Resp: 17160
Ion Ratio Lower Upper
83 100
55 68.0 55.2 82.8
98 45.3 39.1 58.7



#50
Toluene-d8
Concen: 55.75 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

Tgt Ion: 98 Resp: 1314181
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

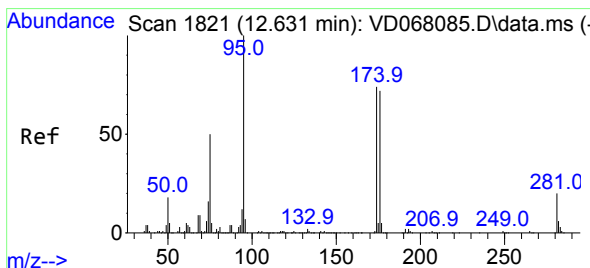
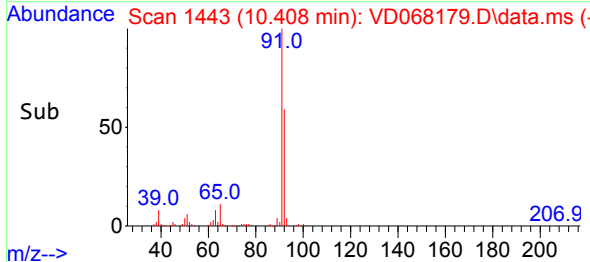
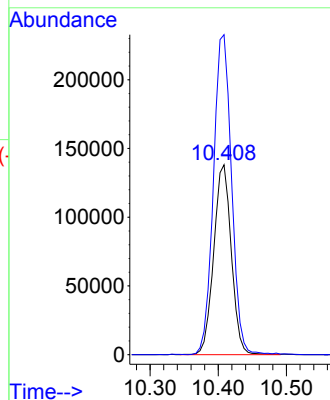
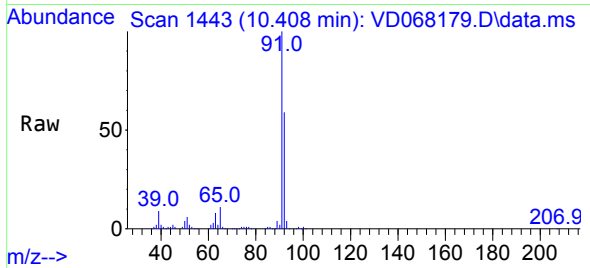




#52
Toluene
Concen: 12.67 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

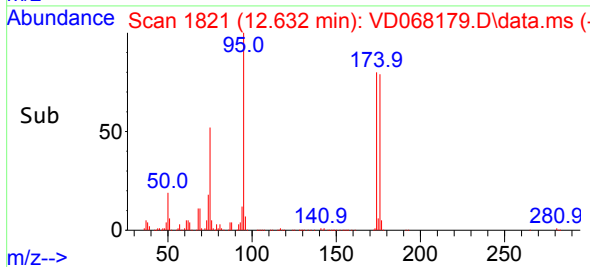
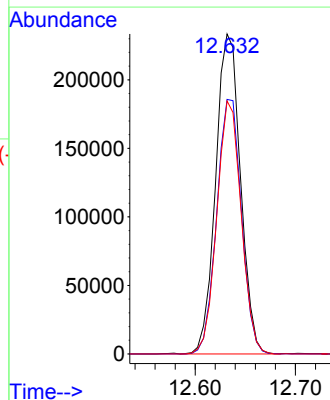
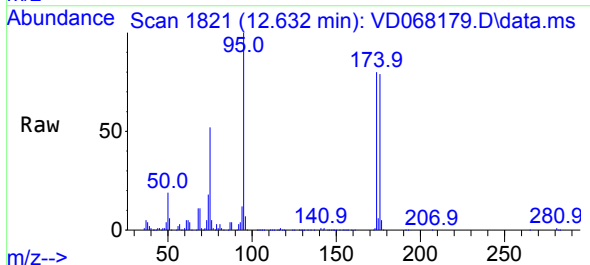
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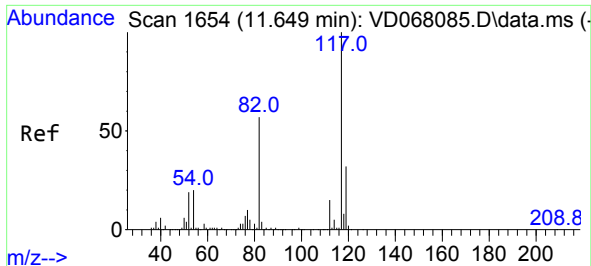
Tgt Ion: 92 Resp: 248076
Ion Ratio Lower Upper
92 100
91 174.1 134.1 201.1



#62
4-Bromofluorobenzene
Concen: 47.30 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

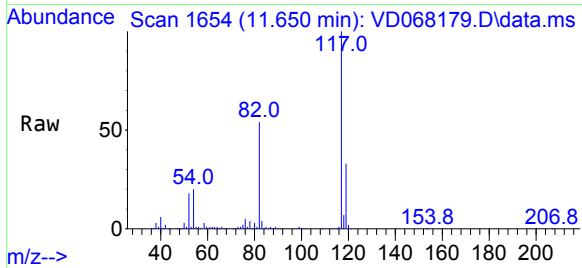
Tgt Ion: 95 Resp: 401499
Ion Ratio Lower Upper
95 100
174 79.3 0.0 172.4
176 77.2 0.0 168.4



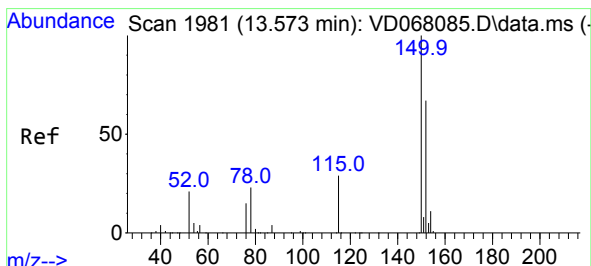
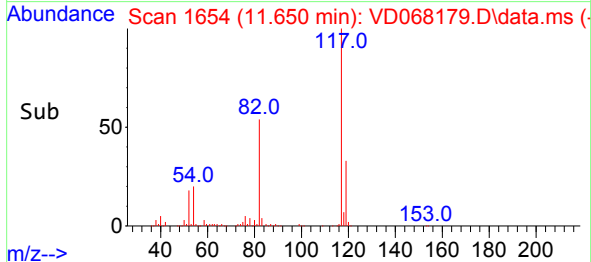
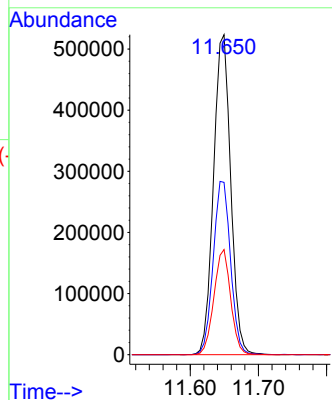


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068179.D
Acq: 25 Jan 2021 20:28

Instrument :
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Tgt Ion:117 Resp: 919617
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 32.9 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: VD068179.D
Acq: 25 Jan 2021 20:28

Tgt Ion:152 Resp: 375543
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.8
150 157.4 0.0 344.4

