

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072721\
 Data File : VD069873.D
 Acq On : 27 Jul 2021 18:20
 Operator : VA/SY
 Sample : M3184-01
 Misc : 13.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210419-5

Quant Time: Jul 28 04:00:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

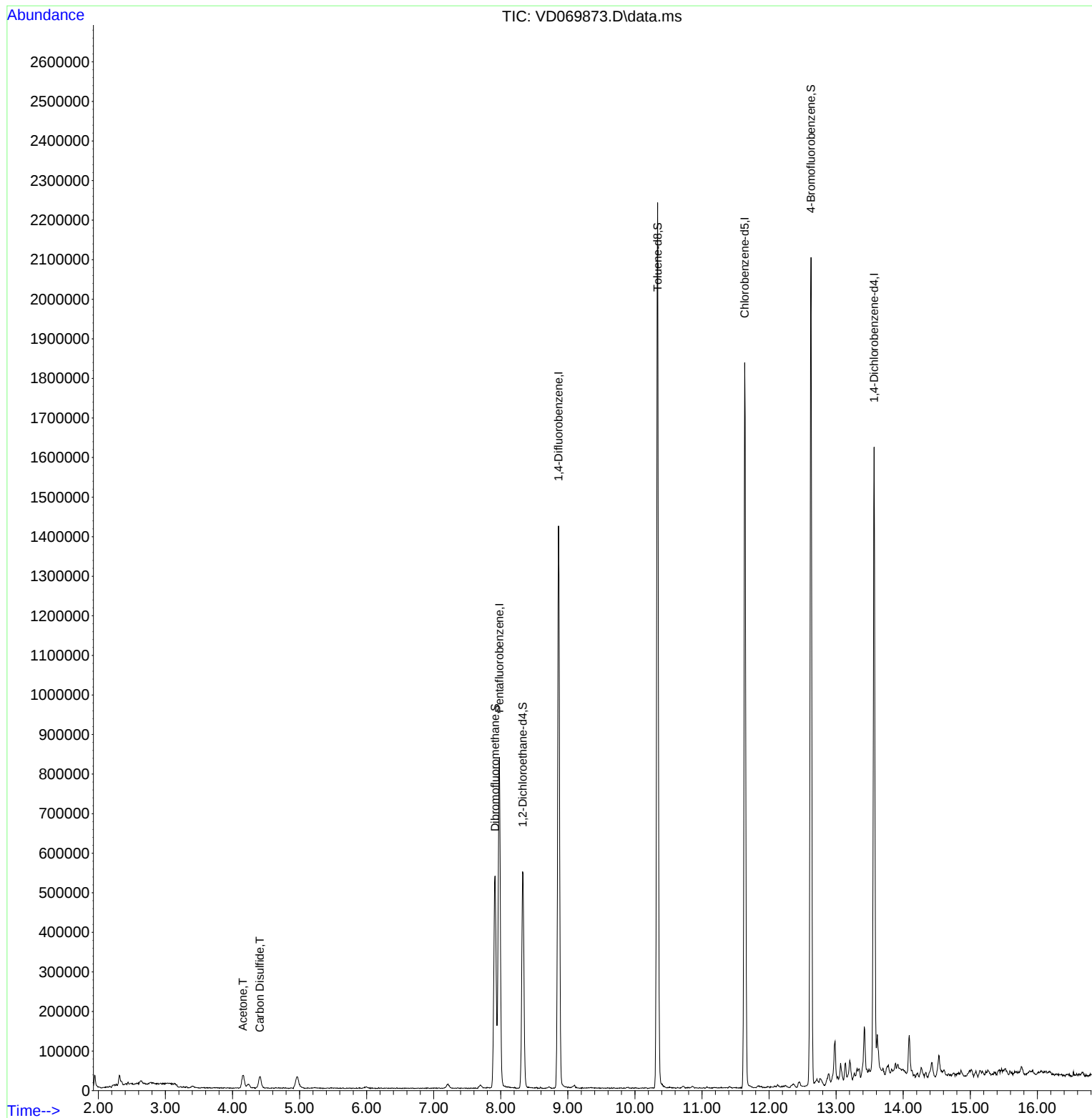
Internal Standards						
1) Pentafluorobenzene	7.979	168	588054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1187795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1063892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	414951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	438383	64.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.640%
35) Dibromofluoromethane	7.914	113	407472	54.418	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.840%
50) Toluene-d8	10.338	98	1492247	51.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.626	95	474820	49.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.420%
Target Compounds					Qvalue	
16) Acetone	4.156	43	60657	49.648	ug/l	94
17) Carbon Disulfide	4.409	76	63766	2.651	ug/l	97

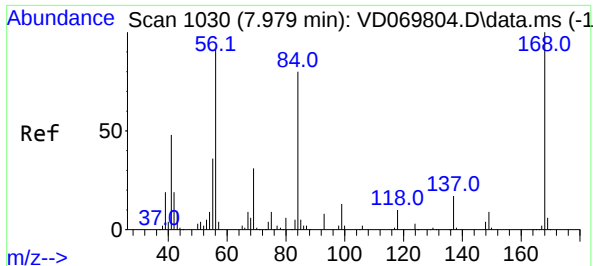
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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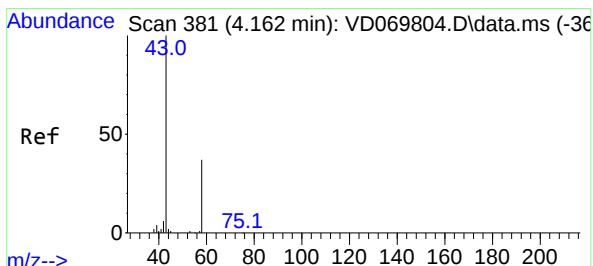
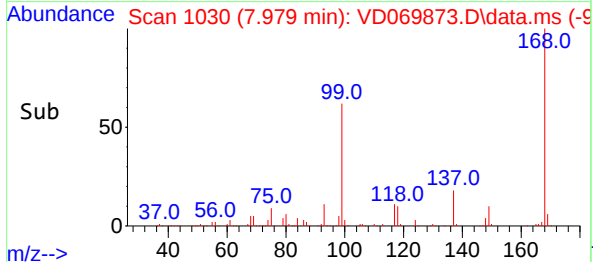
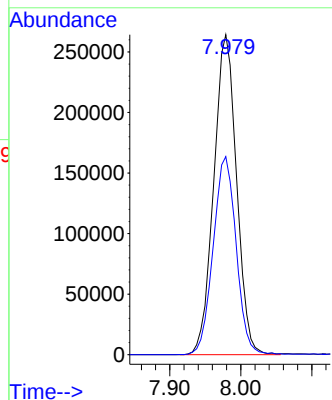
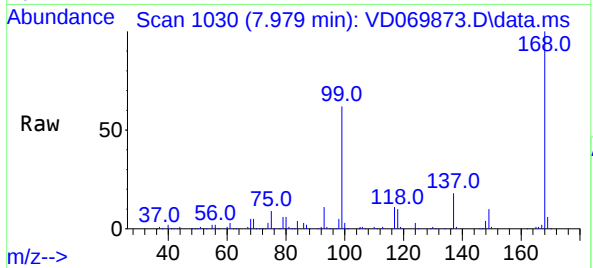




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069873.D
Acq: 27 Jul 2021 18:20

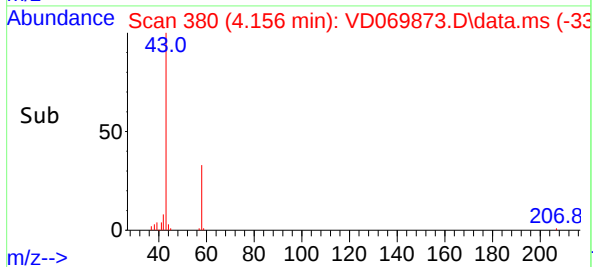
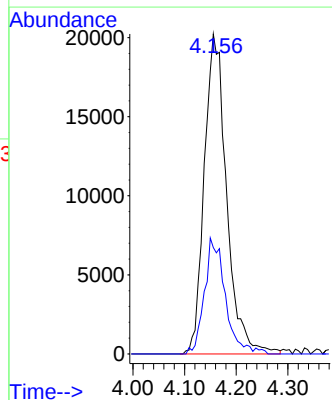
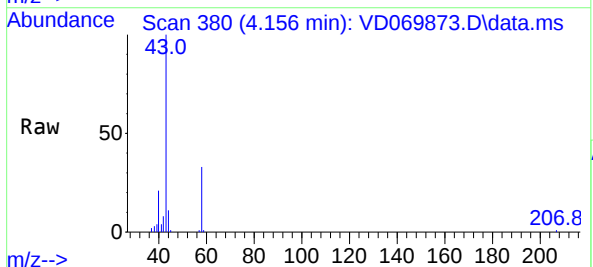
Instrument :
MSVOA_D
ClientSampleId :
20210419-5

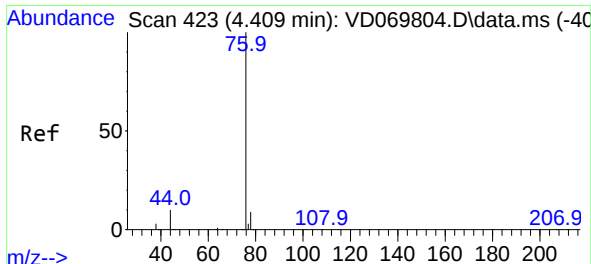
Tgt Ion:168 Resp: 588054
Ion Ratio Lower Upper
168 100
99 61.8 51.1 76.7



#16
Acetone
Concen: 49.648 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069873.D
Acq: 27 Jul 2021 18:20

Tgt Ion: 43 Resp: 60657
Ion Ratio Lower Upper
43 100
58 33.3 29.4 44.0

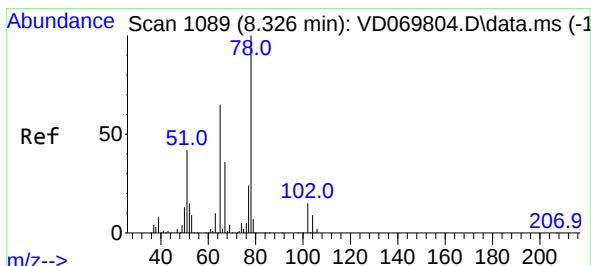
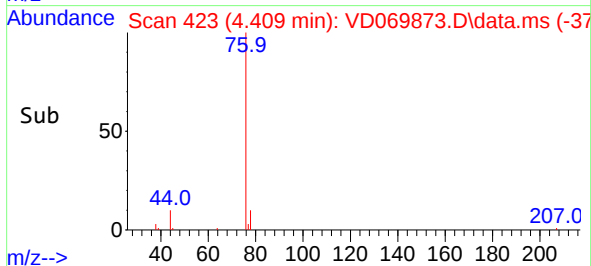
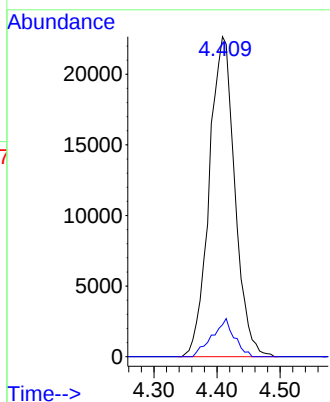
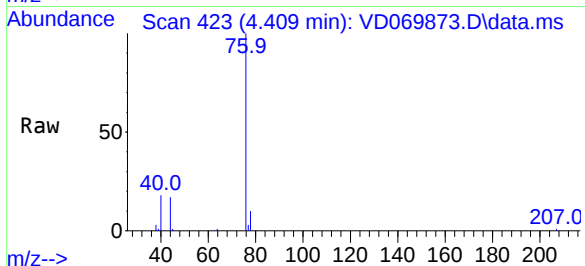




#17
Carbon Disulfide
Concen: 2.651 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069873.D
Acq: 27 Jul 2021 18:20

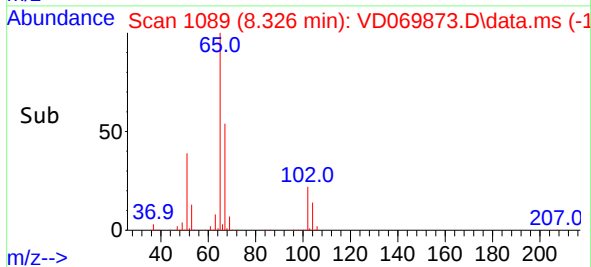
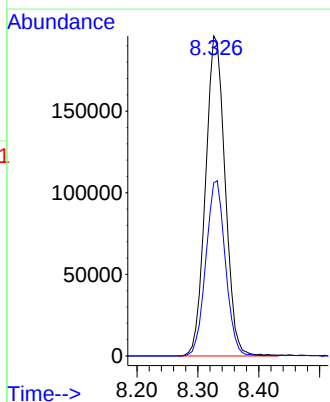
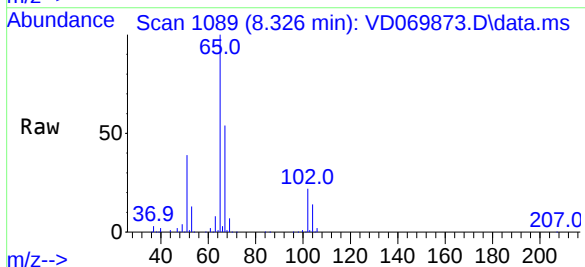
Instrument :
MSVOA_D
ClientSampleId :
20210419-5

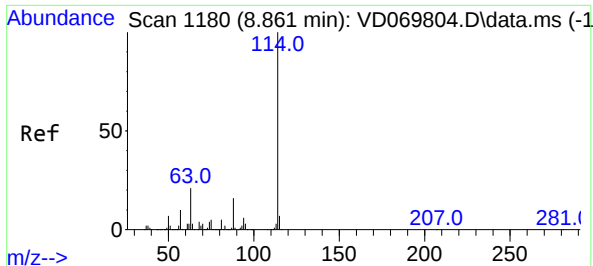
Tgt Ion: 76 Resp: 63766
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 64.819 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069873.D
Acq: 27 Jul 2021 18:20

Tgt Ion: 65 Resp: 438383
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.2



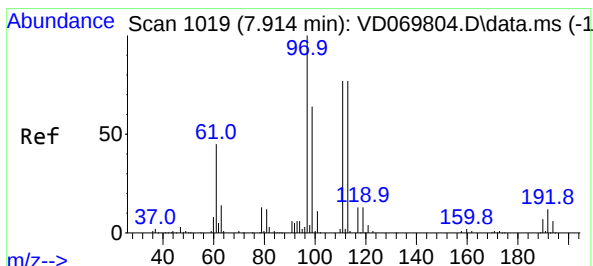
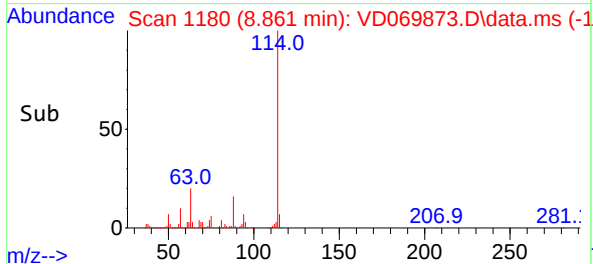
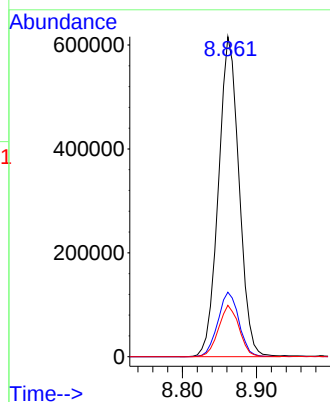
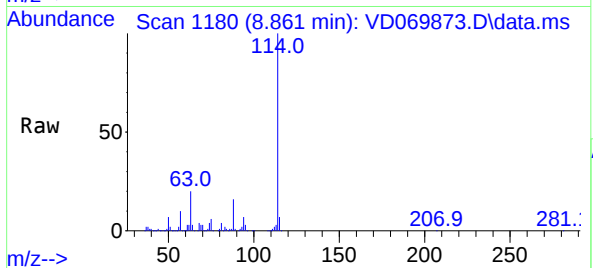


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069873.D
Acq: 27 Jul 2021 18:20

Instrument :
MSVOA_D
ClientSampleId :
20210419-5

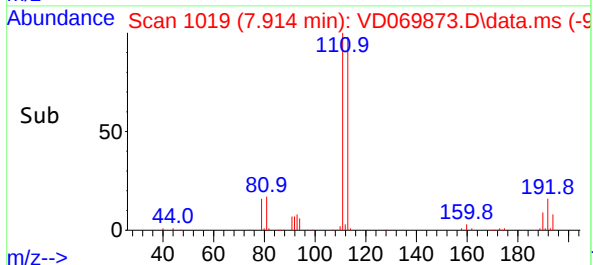
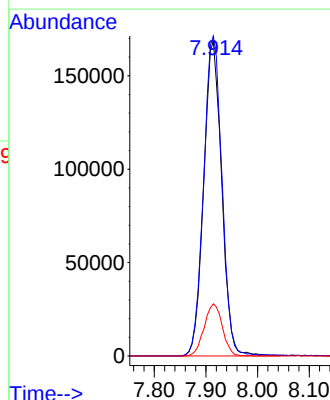
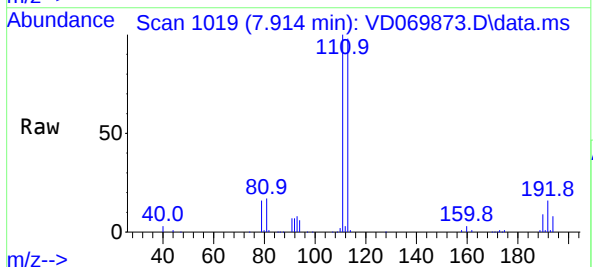
Tgt Ion:114 Resp: 1187795
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 16.0 0.0 31.4

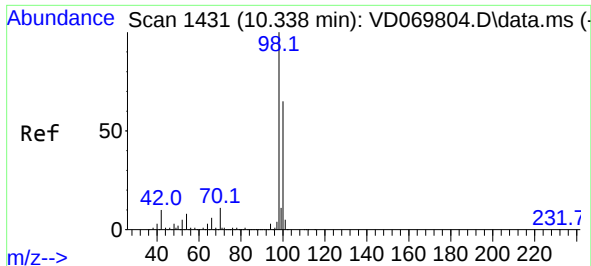


#35

Dibromofluoromethane
Concen: 54.418 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069873.D
Acq: 27 Jul 2021 18:20

Tgt Ion:113 Resp: 407472
Ion Ratio Lower Upper
113 100
111 103.0 80.5 120.7
192 16.7 12.6 19.0

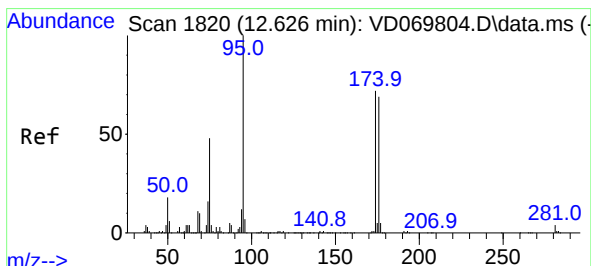
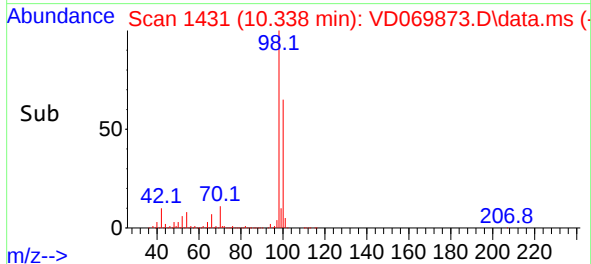
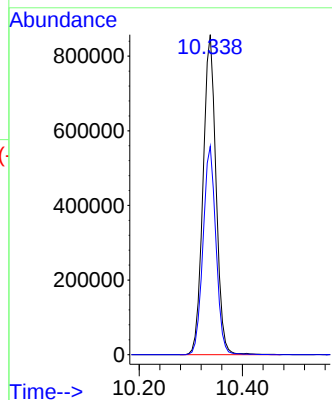
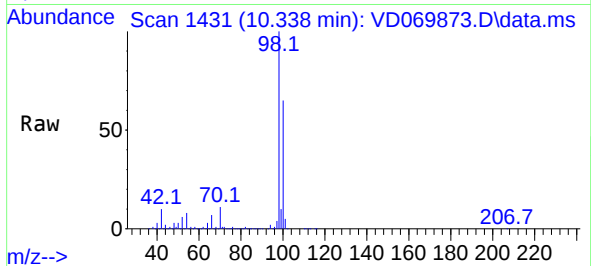




#50
Toluene-d8
Concen: 51.684 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069873.D
Acq: 27 Jul 2021 18:20

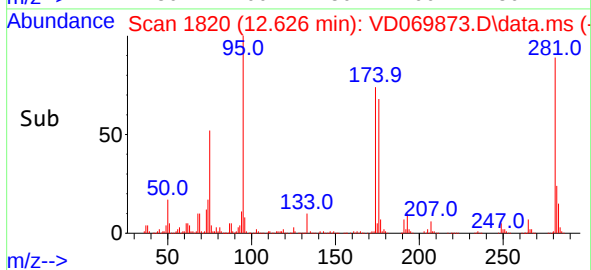
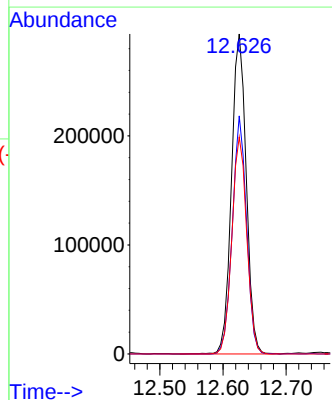
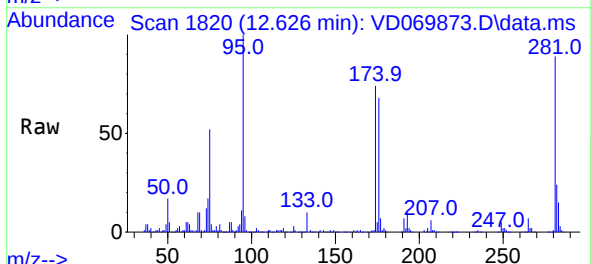
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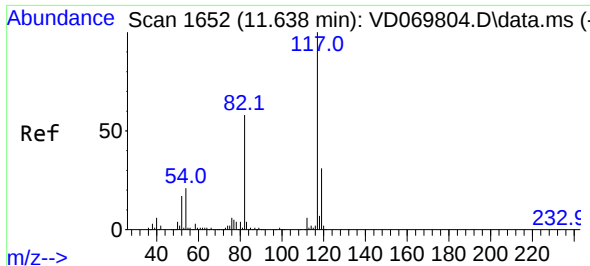
Tgt Ion: 98 Resp: 1492247
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.207 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069873.D
Acq: 27 Jul 2021 18:20

Tgt Ion: 95 Resp: 474820
Ion Ratio Lower Upper
95 100
174 71.5 0.0 142.6
176 68.5 0.0 134.2

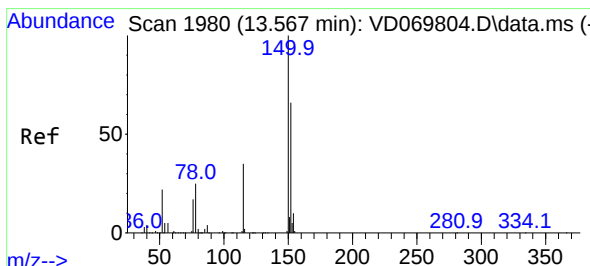
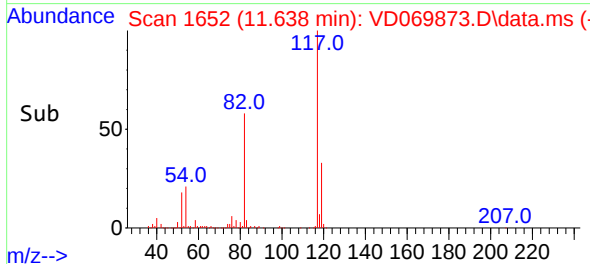
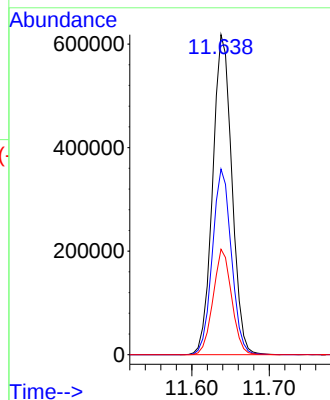
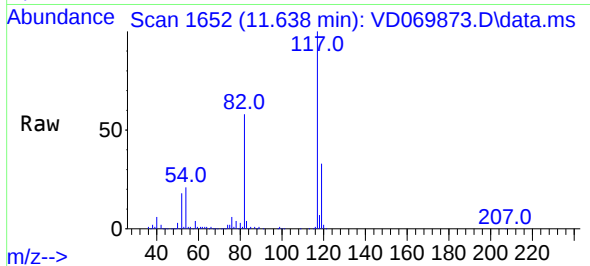




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069873.D
Acq: 27 Jul 2021 18:20

Instrument :
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ClientSampleId :
20210419-5

Tgt Ion:117 Resp: 1063892
Ion Ratio Lower Upper
117 100
82 58.0 46.3 69.5
119 33.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069873.D
Acq: 27 Jul 2021 18:20

Tgt Ion:152 Resp: 414951
Ion Ratio Lower Upper
152 100
115 62.4 31.1 93.3
150 157.2 0.0 343.0

