

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069897.D
 Acq On : 28 Jul 2021 19:15
 Operator : VA/SY
 Sample : M3216-09
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210593-AMENDED-COM-7

Quant Time: Jul 29 04:02:45 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)

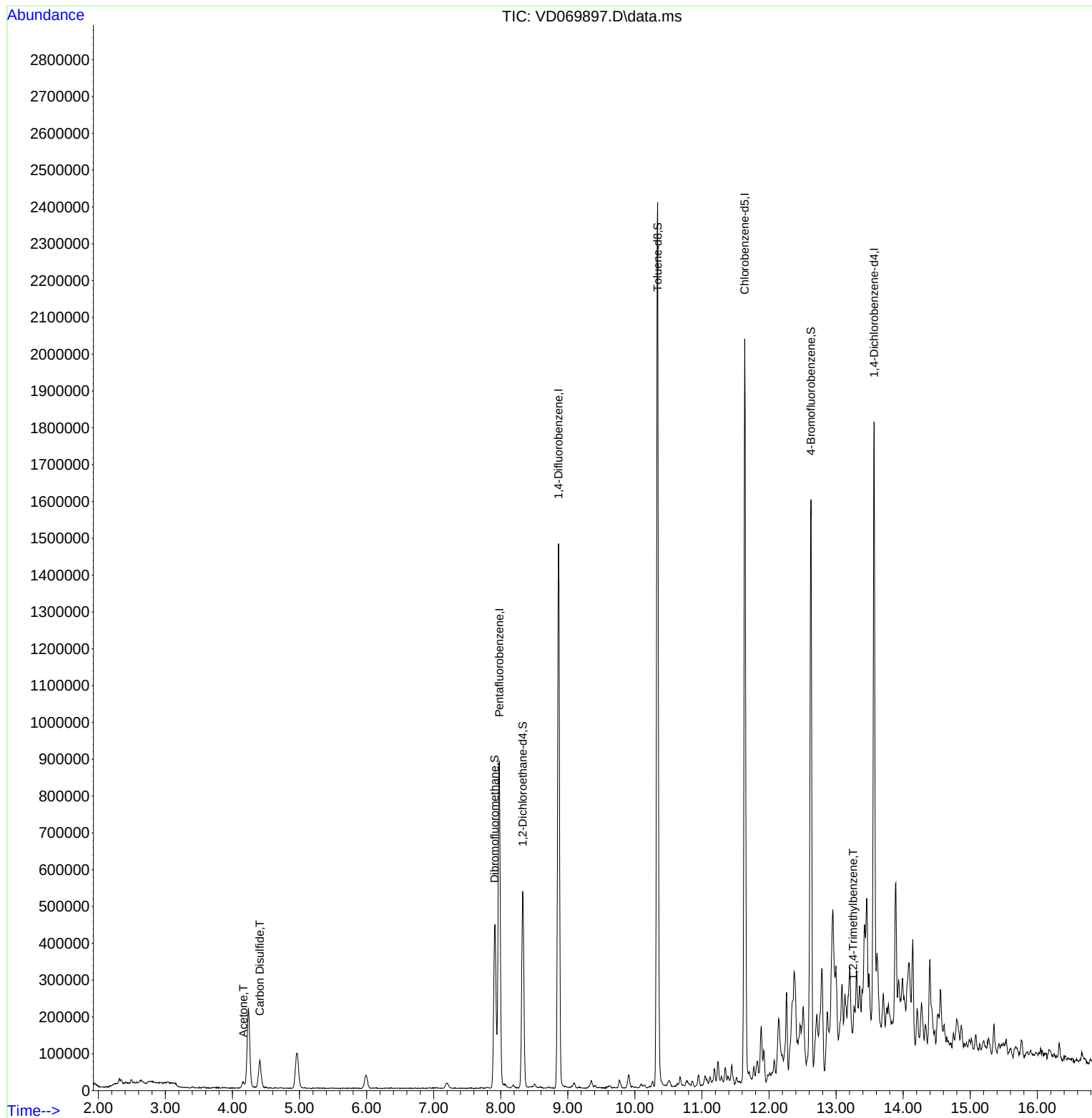
Internal Standards						
1) Pentafluorobenzene	7.979	168	620022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1279961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1167936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	433730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	427029	59.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.780%
35) Dibromofluoromethane	7.909	113	348222	43.156	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.320%
50) Toluene-d8	10.338	98	1627193	52.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.626	95	527769	50.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.520%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	29672	23.035	ug/l	93
17) Carbon Disulfide	4.409	76	157262	6.200	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	27038	1.028	ug/l	98

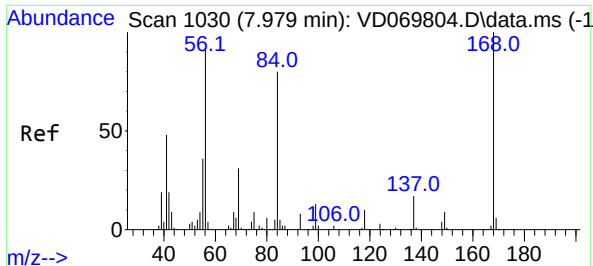
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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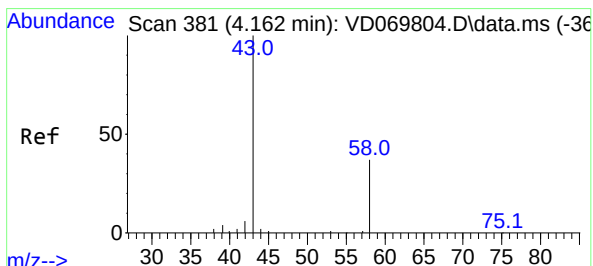
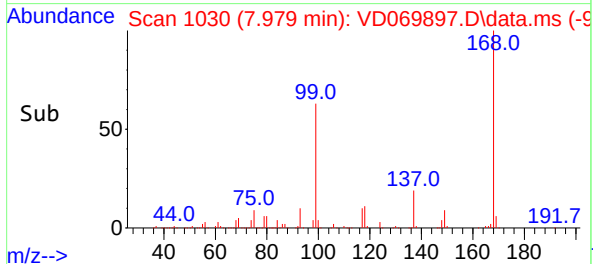
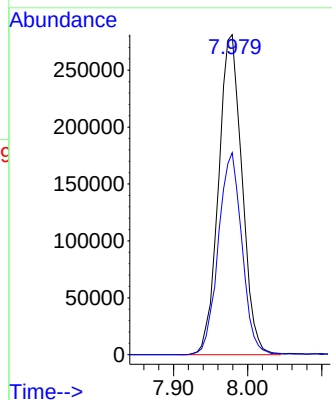
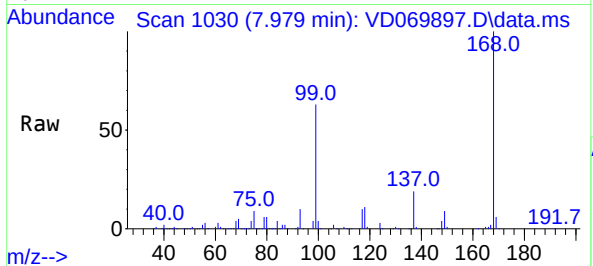




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069897.D
Acq: 28 Jul 2021 19:15

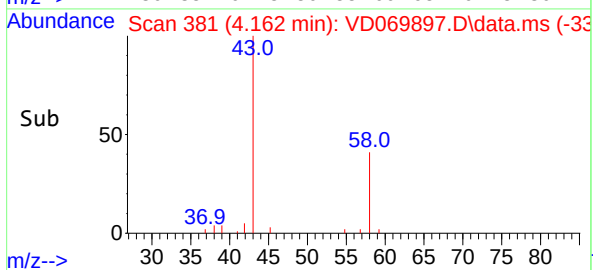
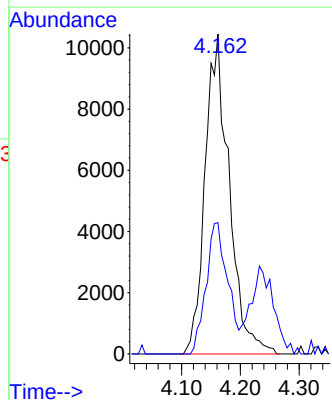
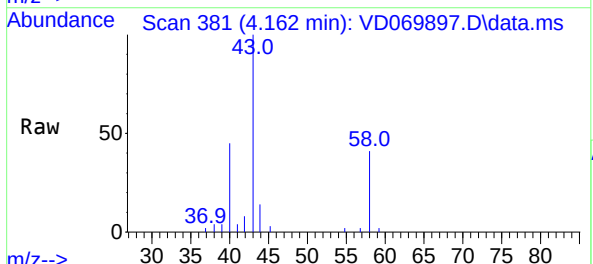
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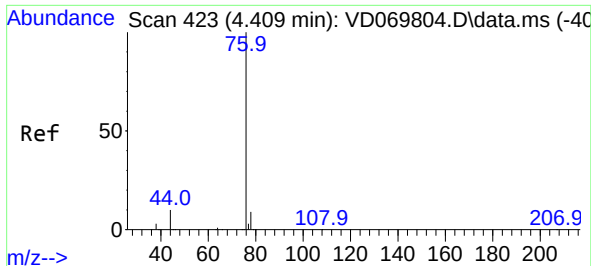
Tgt Ion:168 Resp: 620022
Ion Ratio Lower Upper
168 100
99 63.1 51.1 76.7



#16
Acetone
Concen: 23.035 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069897.D
Acq: 28 Jul 2021 19:15

Tgt Ion: 43 Resp: 29672
Ion Ratio Lower Upper
43 100
58 41.0 29.4 44.0

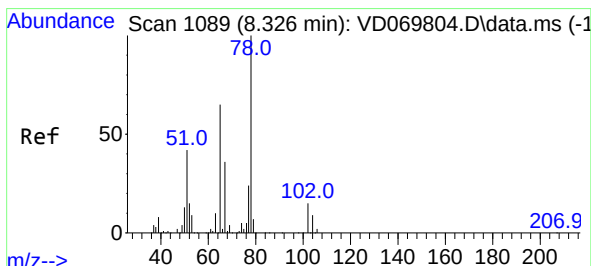
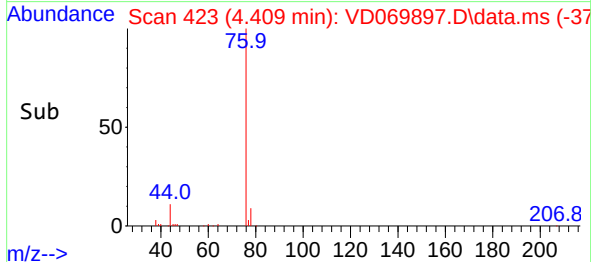
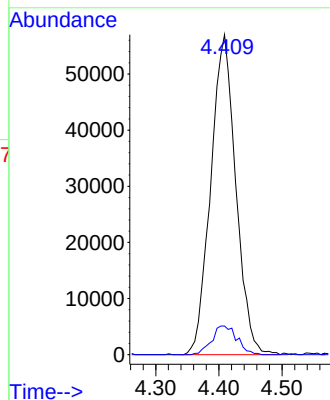
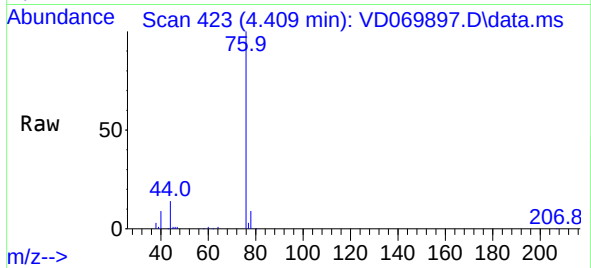




#17
Carbon Disulfide
Concen: 6.200 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD069897.D
Acq: 28 Jul 2021 19:15

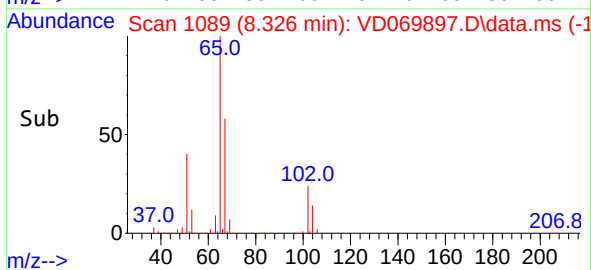
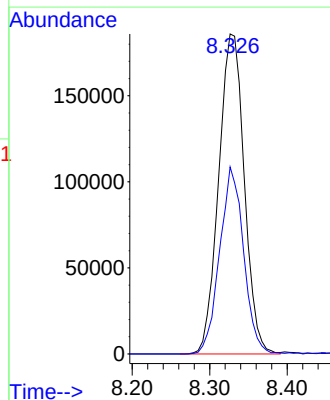
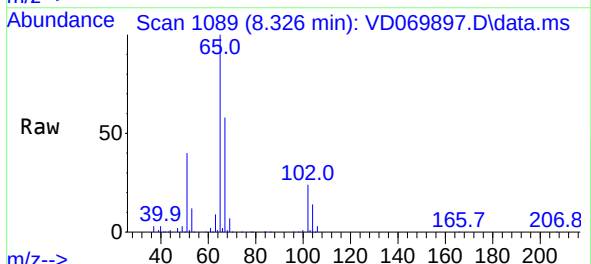
Instrument :
MSVOA_D
ClientSampleId :
20210593-AMENDED-COM-7

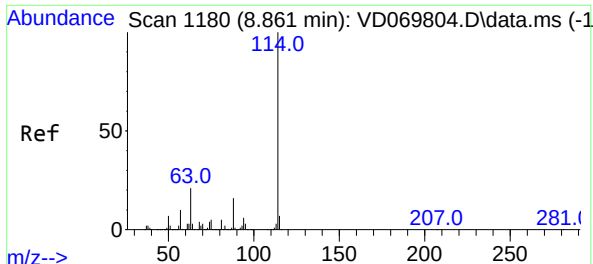
Tgt Ion: 76 Resp: 157262
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 59.885 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069897.D
Acq: 28 Jul 2021 19:15

Tgt Ion: 65 Resp: 427029
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.2



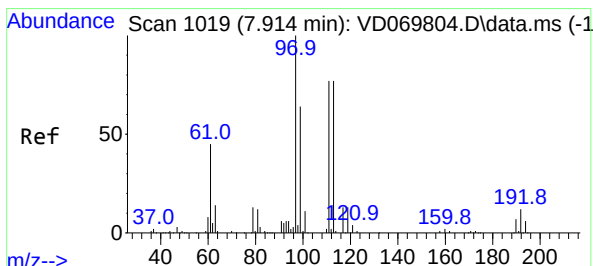
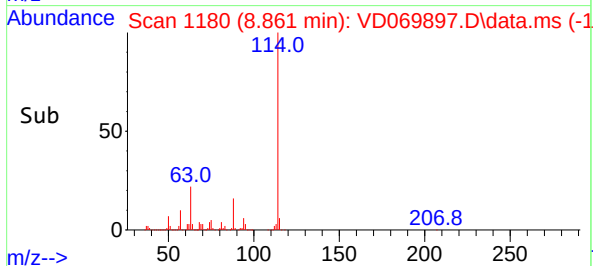
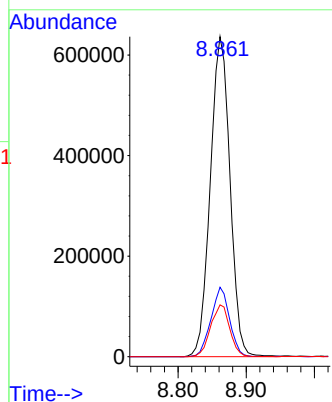
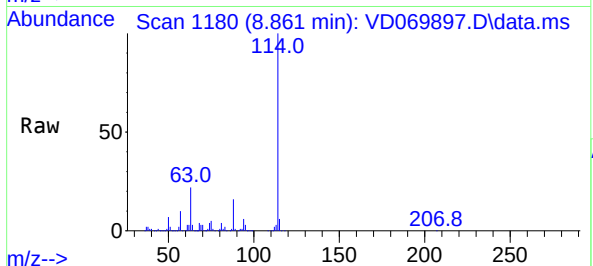


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069897.D
Acq: 28 Jul 2021 19:15

Instrument :
MSVOA_D
ClientSampleId :
20210593-AMENDED-COM-7

Tgt Ion:114 Resp: 1279961

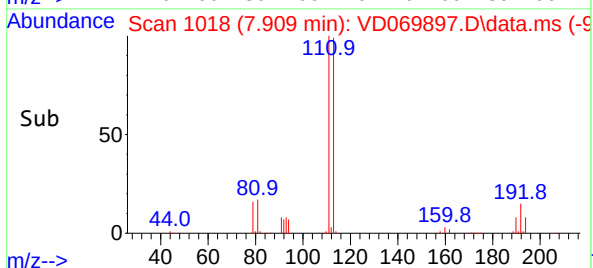
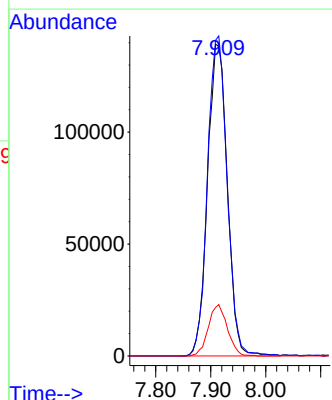
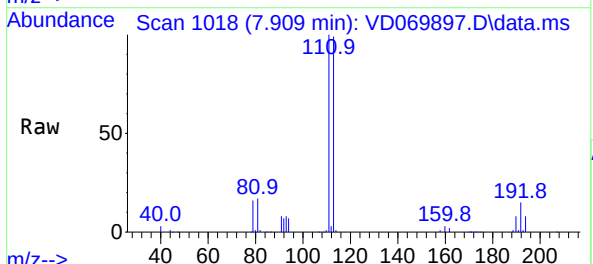
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.6
88	16.2	0.0	31.4

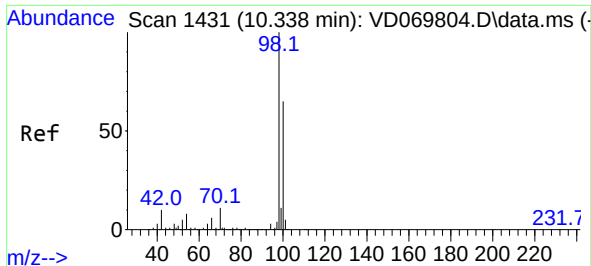


#35
Dibromofluoromethane
Concen: 43.156 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069897.D
Acq: 28 Jul 2021 19:15

Tgt Ion:113 Resp: 348222

Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.5	120.7
192	15.9	12.6	19.0

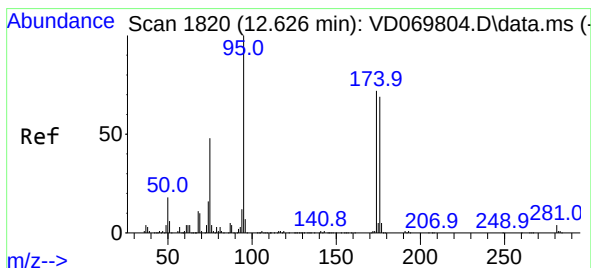
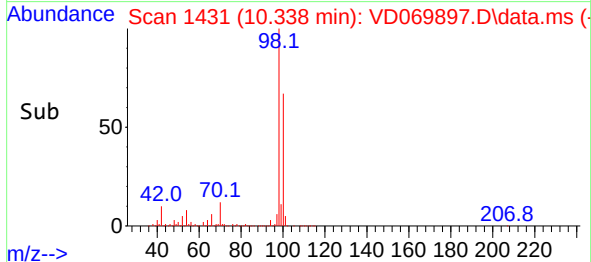
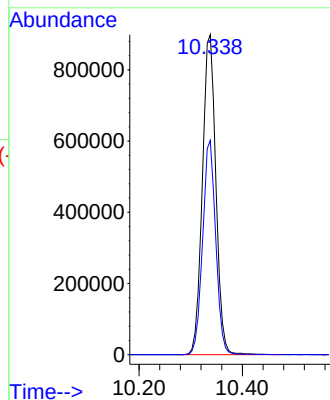
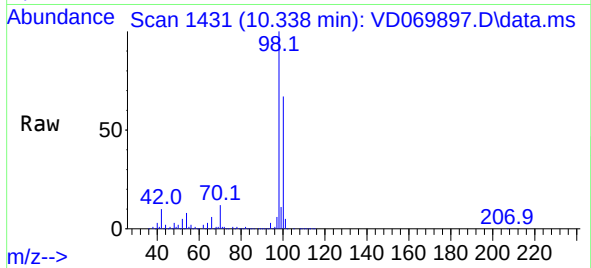




#50
Toluene-d8
Concen: 52.299 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069897.D
Acq: 28 Jul 2021 19:15

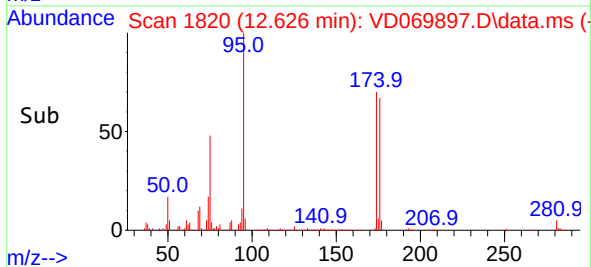
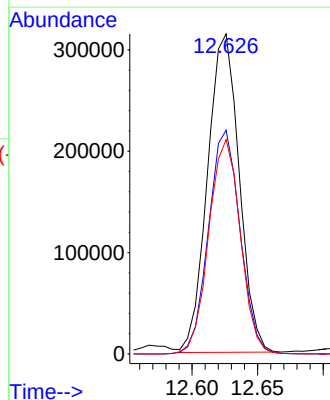
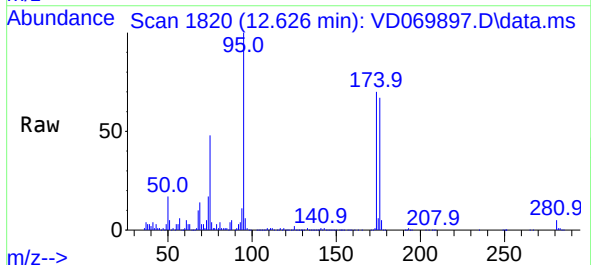
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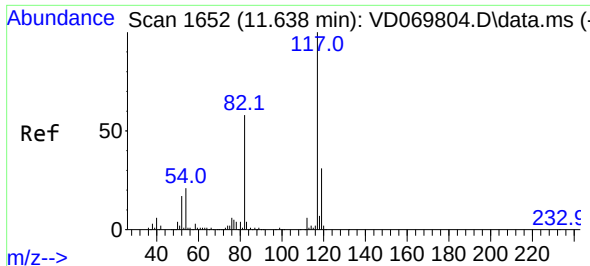
Tgt Ion: 98 Resp: 1627193
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.756 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069897.D
Acq: 28 Jul 2021 19:15

Tgt Ion: 95 Resp: 527769
Ion Ratio Lower Upper
95 100
174 70.3 0.0 142.6
176 67.0 0.0 134.2

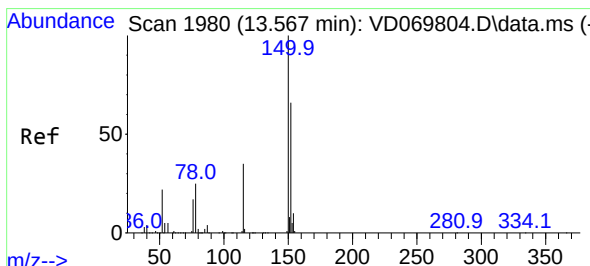
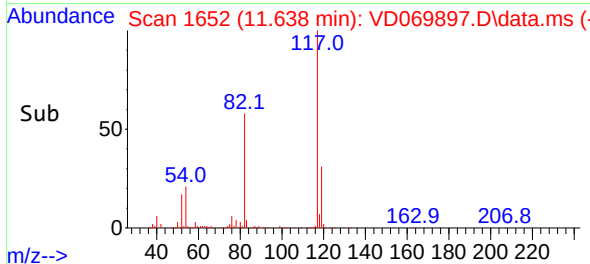
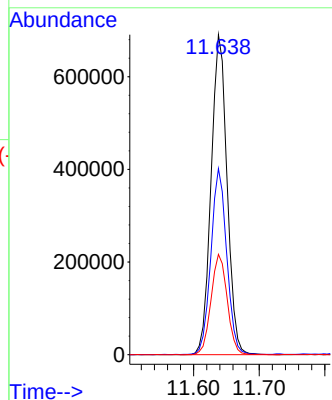
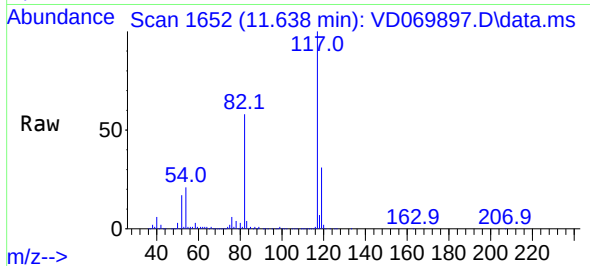




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069897.D
Acq: 28 Jul 2021 19:15

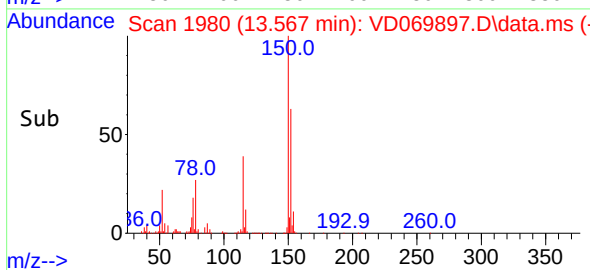
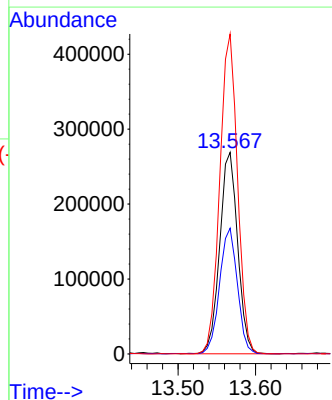
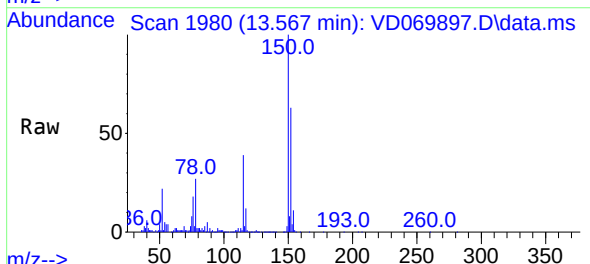
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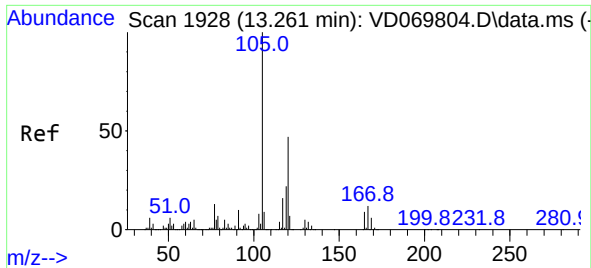
Tgt Ion:117 Resp: 1167936
Ion Ratio Lower Upper
117 100
82 58.1 46.3 69.5
119 31.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069897.D
Acq: 28 Jul 2021 19:15

Tgt Ion:152 Resp: 433730
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.3
150 156.4 0.0 343.0





#84
 1,2,4-Trimethylbenzene
 Concen: 1.028 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: VD069897.D
 Acq: 28 Jul 2021 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 20210593-AMENDED-COM-7

Tgt Ion:105 Resp: 27038
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.6 67.8

