

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070073.D
 Acq On : 16 Aug 2021 18:14
 Operator : VA/SY
 Sample : M3343-09
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210591-AMENDED-COM-5

Quant Time: Aug 17 03:57:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

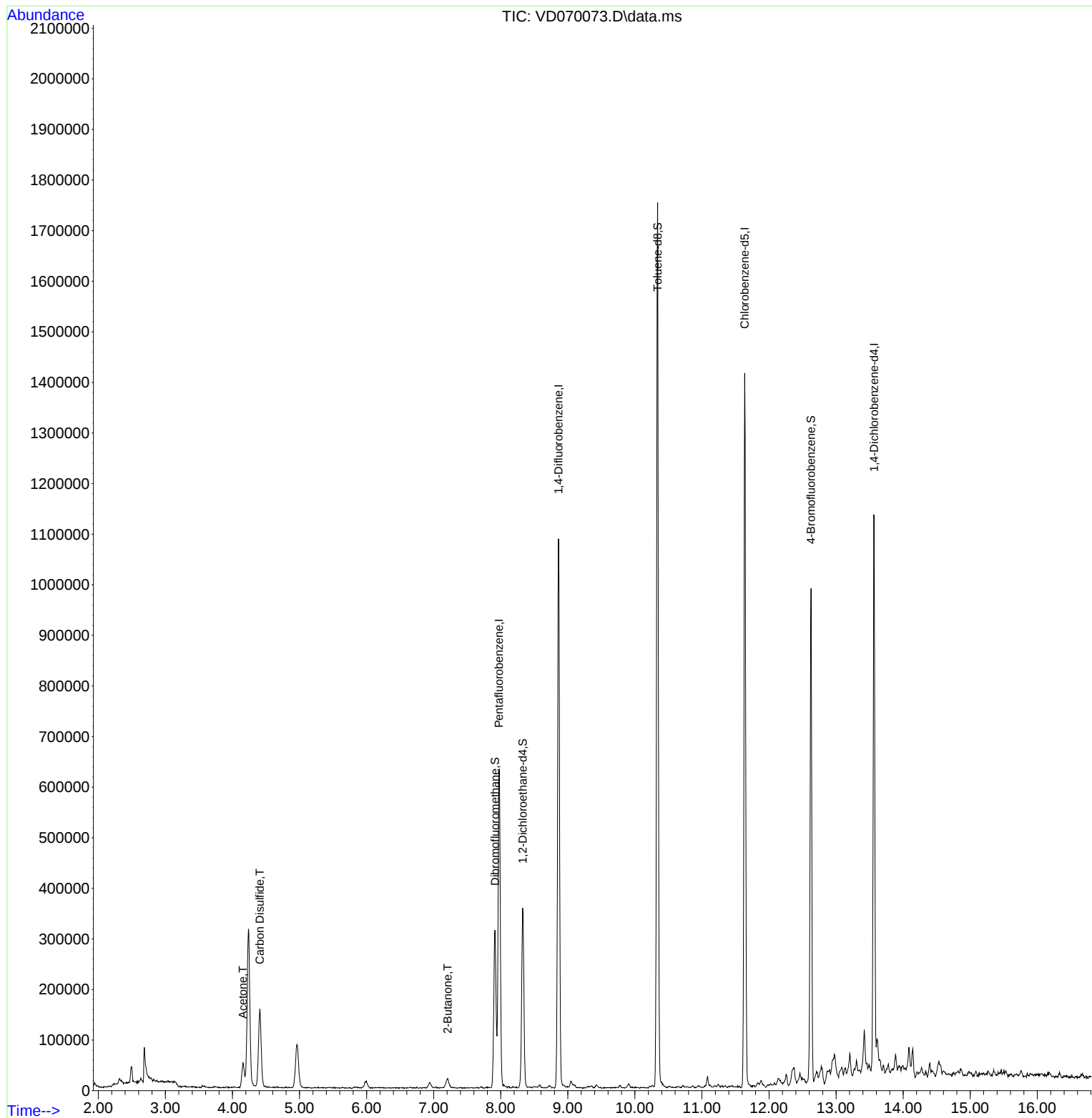
Internal Standards						
1) Pentafluorobenzene	7.973	168	449585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	927893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	831429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	292075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	278293	52.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.260%	
35) Dibromofluoromethane	7.914	113	235237	39.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.480%	
50) Toluene-d8	10.338	98	1197141	51.343	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.626	95	345990	45.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	85502	87.775	ug/l	99
17) Carbon Disulfide	4.409	76	335600	17.378	ug/l	100
25) 2-Butanone	7.208	43	17356	13.039	ug/l	94

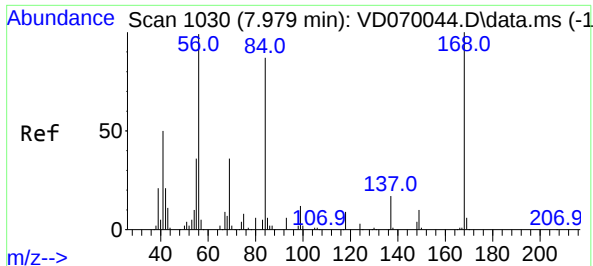
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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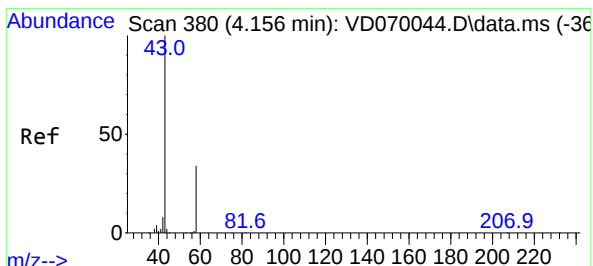
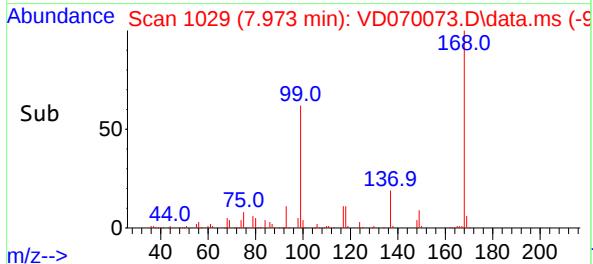
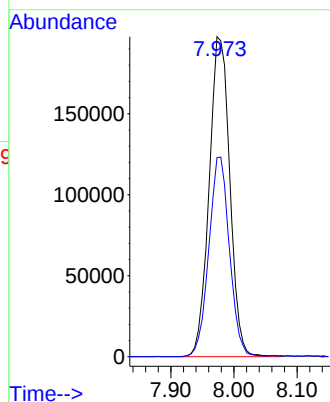
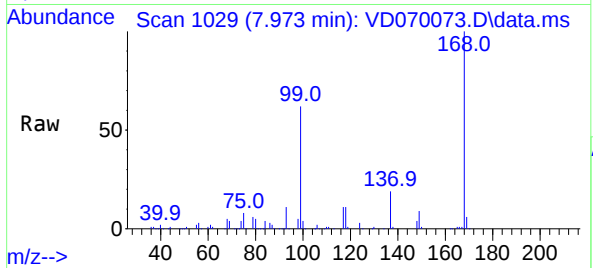




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070073.D
Acq: 16 Aug 2021 18:14

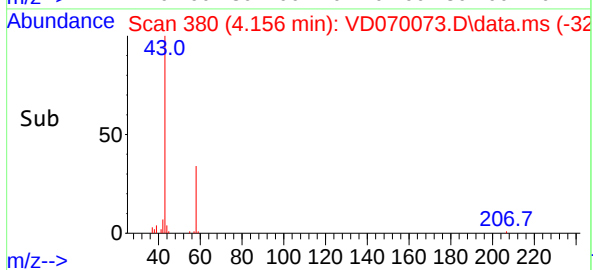
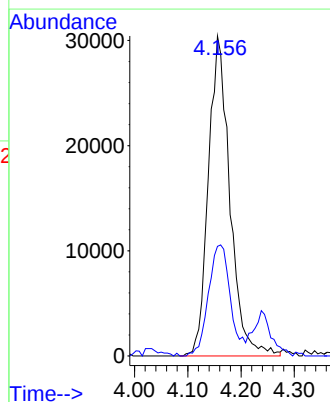
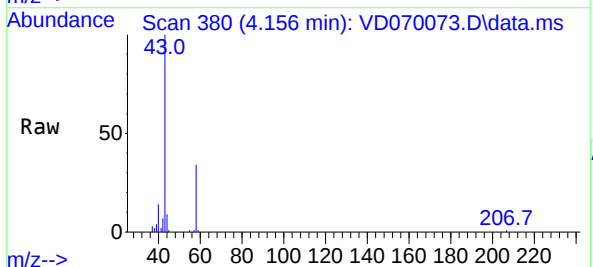
Instrument :
MSVOA_D
ClientSampleId :
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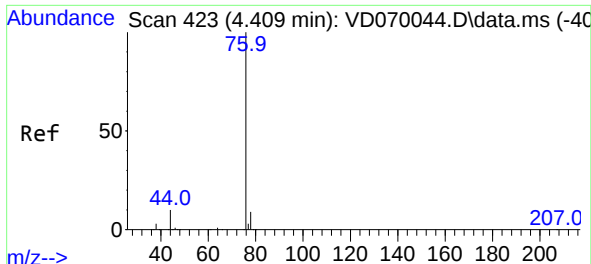
Tgt Ion:168 Resp: 449585
Ion Ratio Lower Upper
168 100
99 62.2 50.3 75.5



#16
Acetone
Concen: 87.775 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070073.D
Acq: 16 Aug 2021 18:14

Tgt Ion: 43 Resp: 85502
Ion Ratio Lower Upper
43 100
58 34.3 26.8 40.2

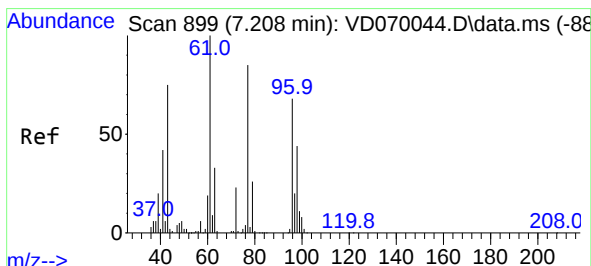
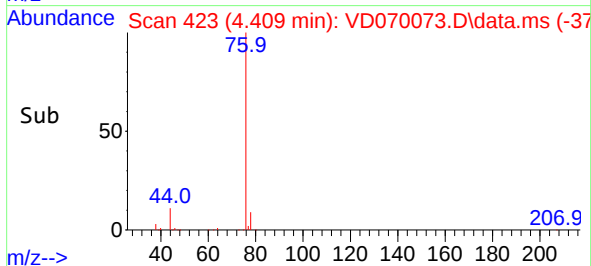
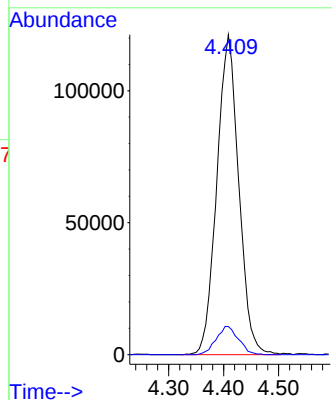
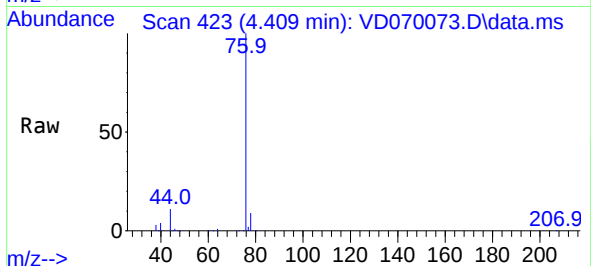




#17
Carbon Disulfide
Concen: 17.378 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070073.D
Acq: 16 Aug 2021 18:14

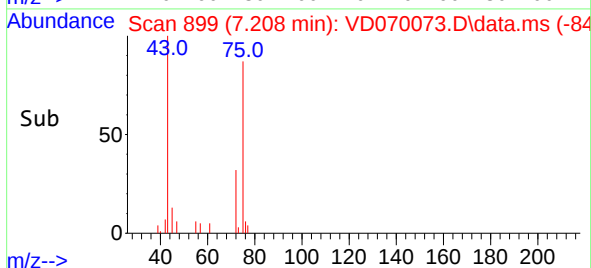
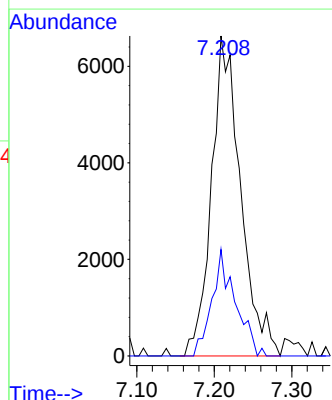
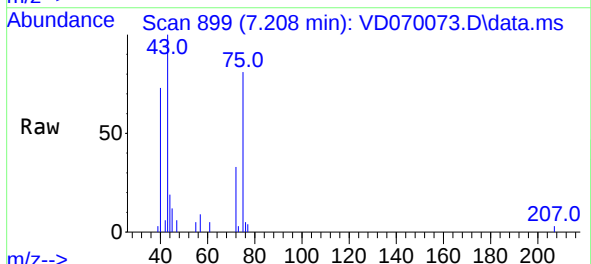
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MSVOA_D
ClientSampleId :
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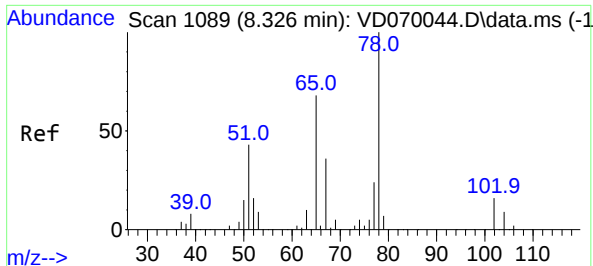
Tgt Ion: 76 Resp: 335600
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#25
2-Butanone
Concen: 13.039 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070073.D
Acq: 16 Aug 2021 18:14

Tgt Ion: 43 Resp: 17356
Ion Ratio Lower Upper
43 100
72 33.3 24.2 36.4

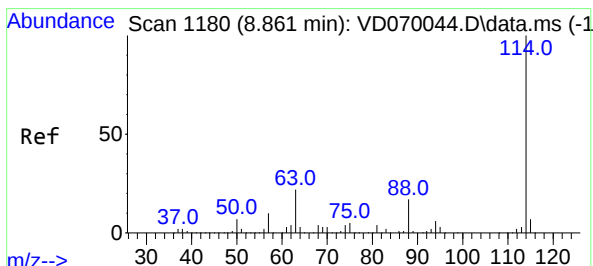
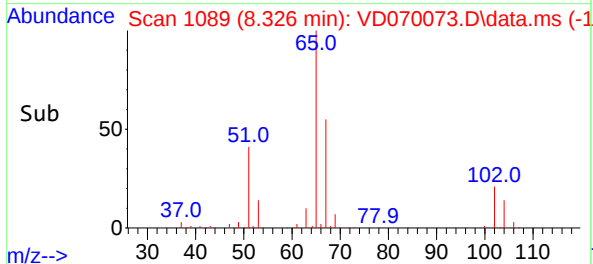
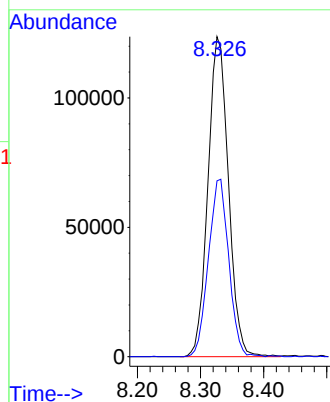
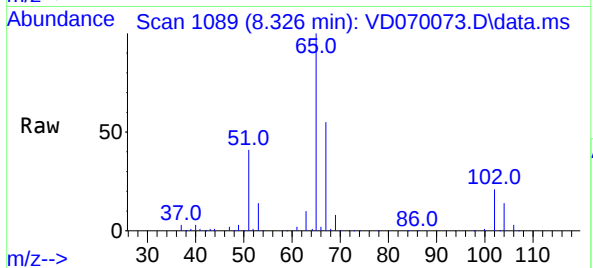




#33
1,2-Dichloroethane-d4
Concen: 52.629 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070073.D
Acq: 16 Aug 2021 18:14

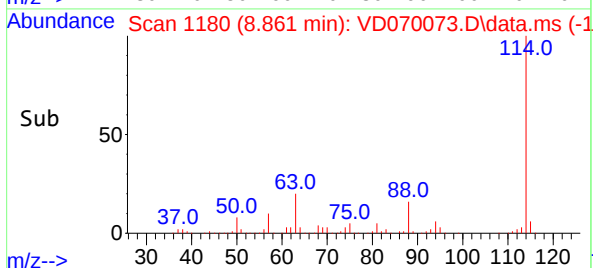
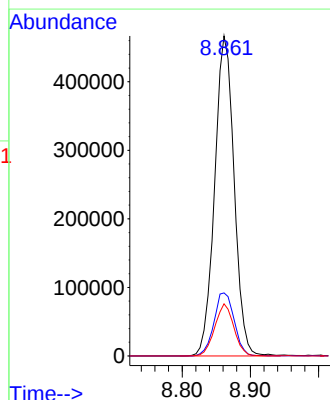
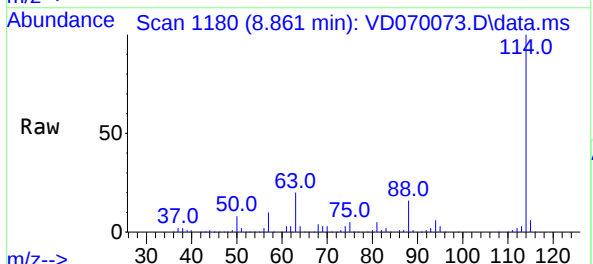
Instrument :
MSVOA_D
ClientSampleId :
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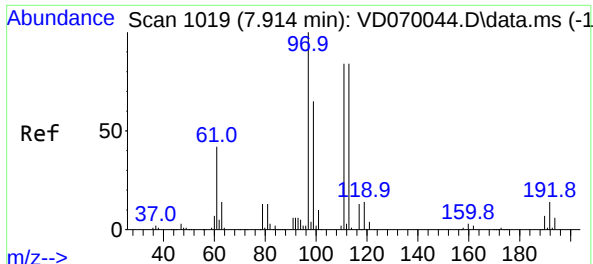
Tgt Ion: 65 Resp: 278293
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070073.D
Acq: 16 Aug 2021 18:14

Tgt Ion: 114 Resp: 927893
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.6
88 16.3 0.0 33.4



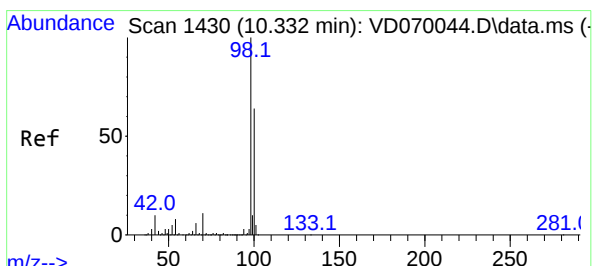
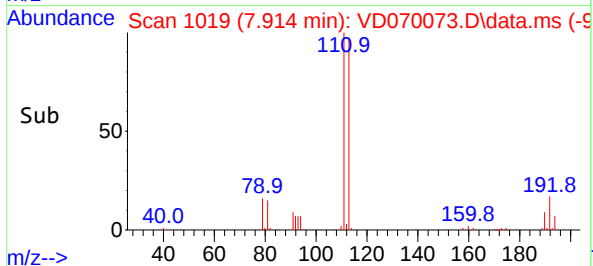
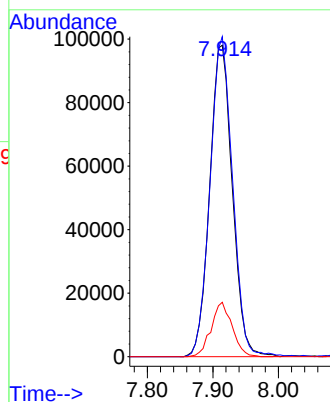
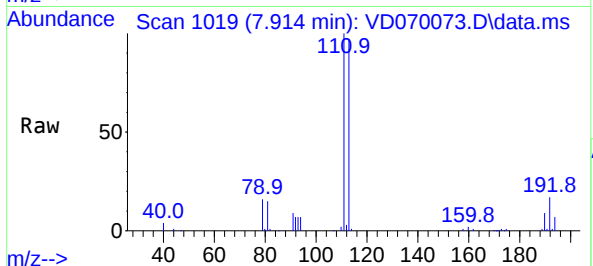


#35
Dibromofluoromethane
Concen: 39.240 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070073.D
Acq: 16 Aug 2021 18:14

Instrument :
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Tgt Ion:113 Resp: 235237

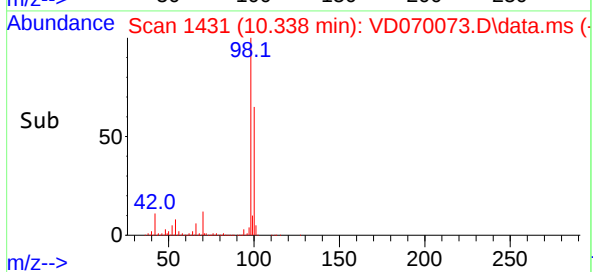
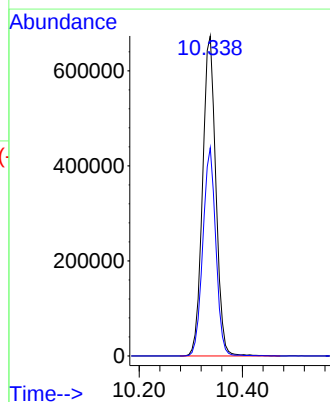
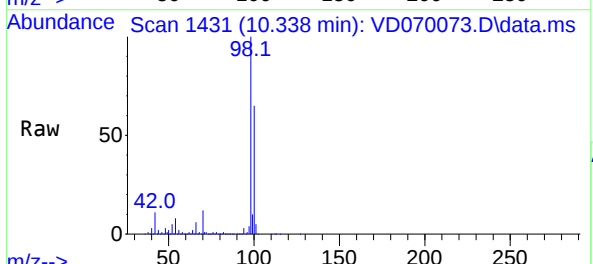
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	16.2	13.2	19.8

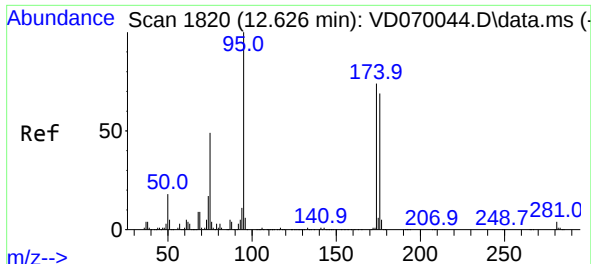


#50
Toluene-d8
Concen: 51.343 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070073.D
Acq: 16 Aug 2021 18:14

Tgt Ion: 98 Resp: 1197141

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.6	78.8

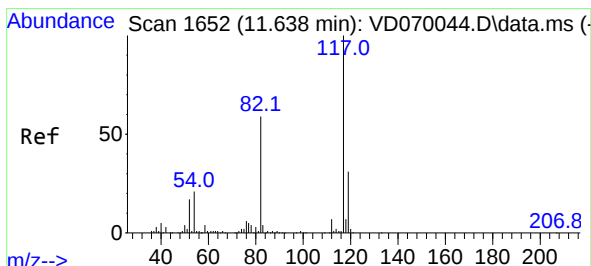
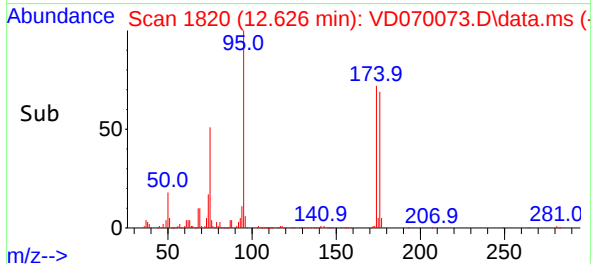
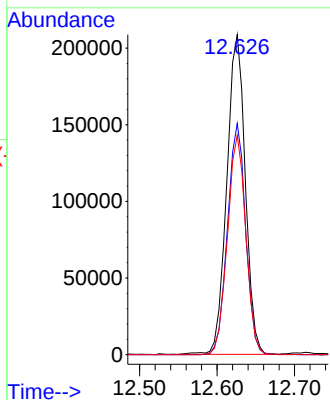
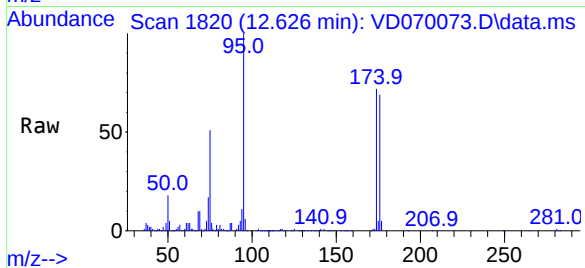




#62
4-Bromofluorobenzene
Concen: 45.052 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070073.D
Acq: 16 Aug 2021 18:14

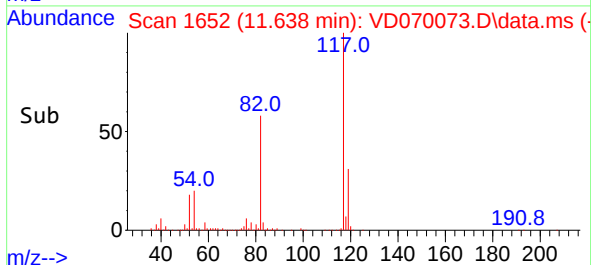
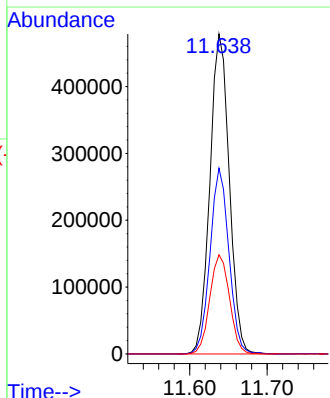
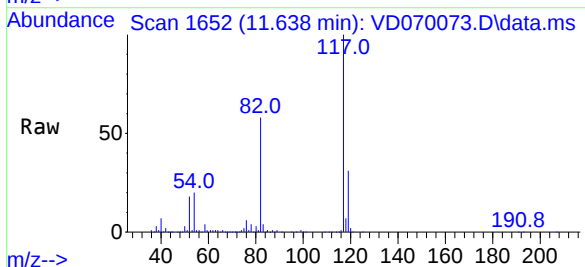
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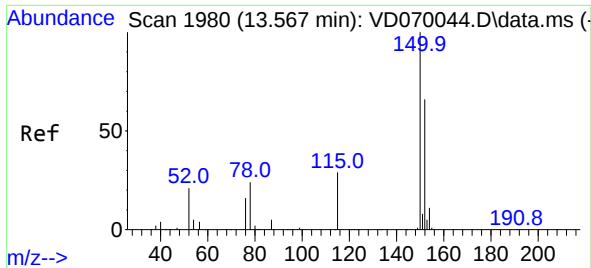
Tgt Ion: 95 Resp: 345990
Ion Ratio Lower Upper
95 100
174 71.0 0.0 141.6
176 68.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070073.D
Acq: 16 Aug 2021 18:14

Tgt Ion: 117 Resp: 831429
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 31.0 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070073.D
 Acq: 16 Aug 2021 18:14

Instrument :
 MSVOA_D
 ClientSampleId :
 20210591-AMENDED-COM-5

Tgt Ion:152 Resp: 292075
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.2 93.6
 150 160.3 0.0 352.0

