

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010528.D
 Acq On : 16 Sep 2022 12:10
 Operator : KP/MD
 Sample : N4509-04
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_115D-20220902

Quant Time: Sep 17 00:28:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

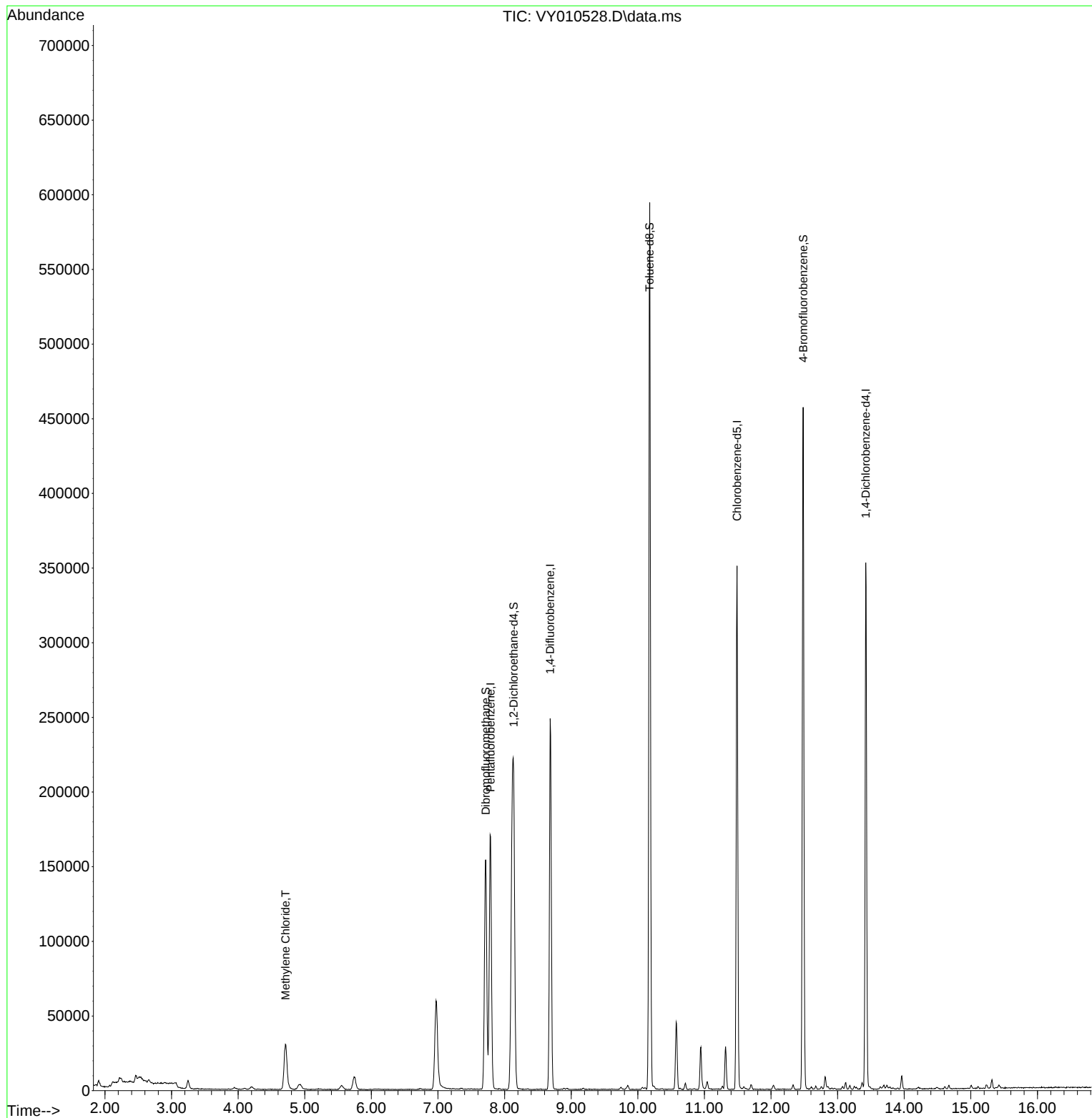
Internal Standards						
1) Pentafluorobenzene	7.789	168	135344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	216753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	191645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109681	80.462	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 160.920%		
35) Dibromofluoromethane	7.716	113	110122	71.536	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 143.080%		
50) Toluene-d8	10.179	98	388527	77.876	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 155.760%#		
62) 4-Bromofluorobenzene	12.483	95	133858	70.172	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 140.340%		
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	23875	10.307	ug/l #	79

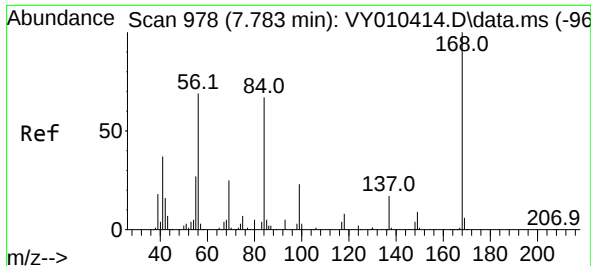
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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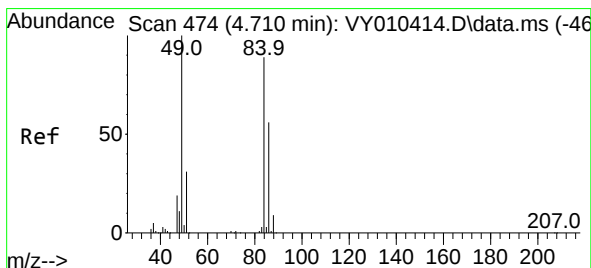
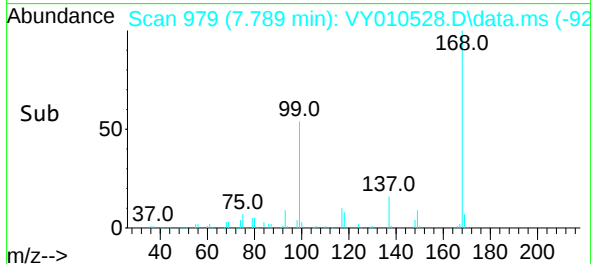
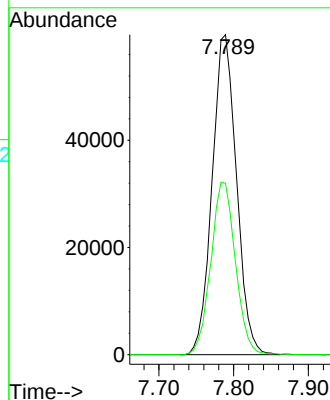
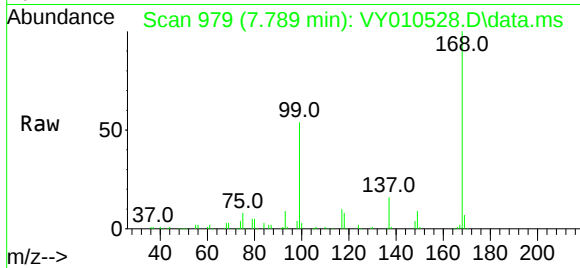




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010528.D
Acq: 16 Sep 2022 12:10

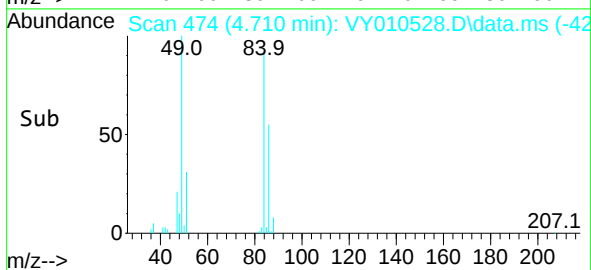
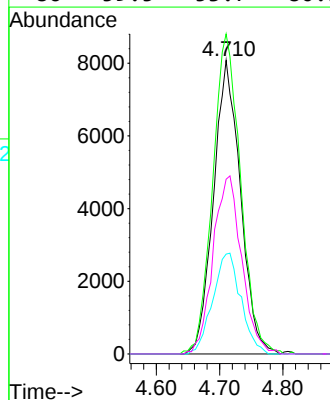
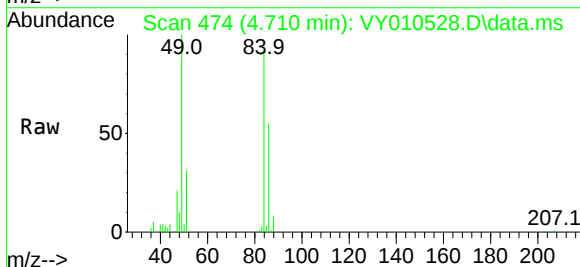
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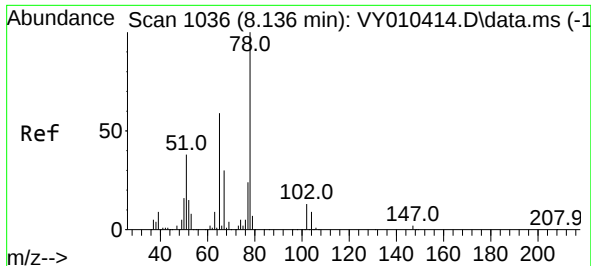
Tgt Ion:168 Resp: 135344
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#20
Methylene Chloride
Concen: 10.307 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010528.D
Acq: 16 Sep 2022 12:10

Tgt Ion: 84 Resp: 23875
Ion Ratio Lower Upper
84 100
49 109.0 114.4 171.6#
51 34.0 35.3 52.9#
86 59.5 53.7 80.5

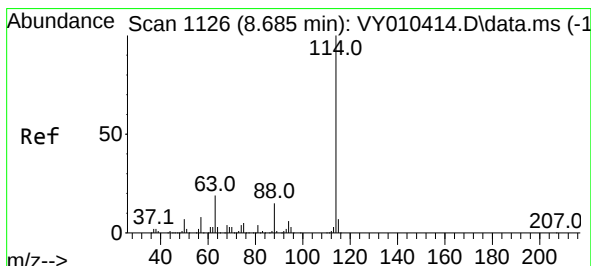
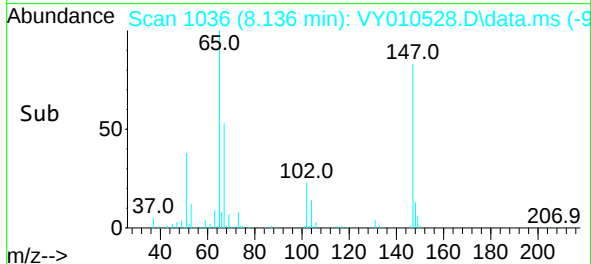
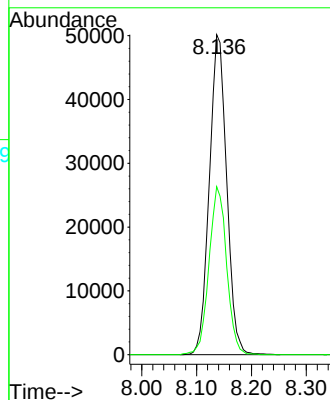
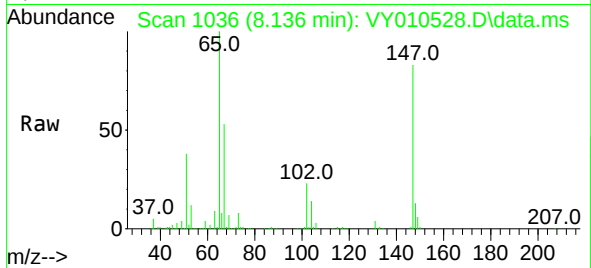




#33
1,2-Dichloroethane-d4
Concen: 80.462 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010528.D
Acq: 16 Sep 2022 12:10

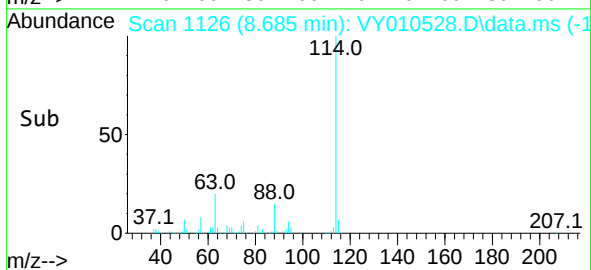
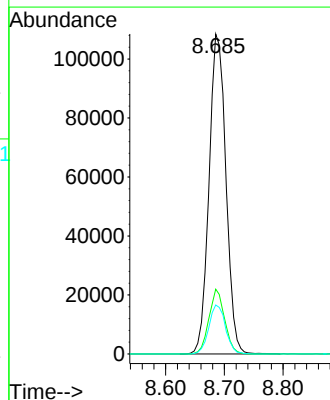
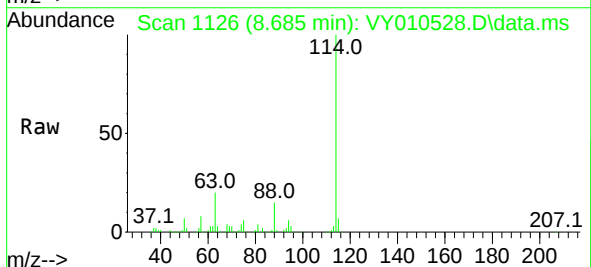
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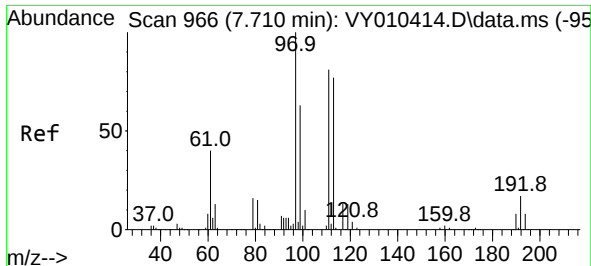
Tgt Ion: 65 Resp: 109681
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010528.D
Acq: 16 Sep 2022 12:10

Tgt Ion: 114 Resp: 216753
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 15.3 0.0 31.8

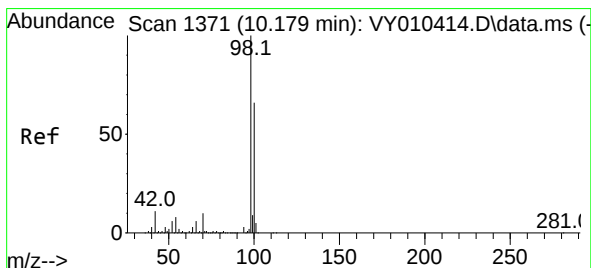
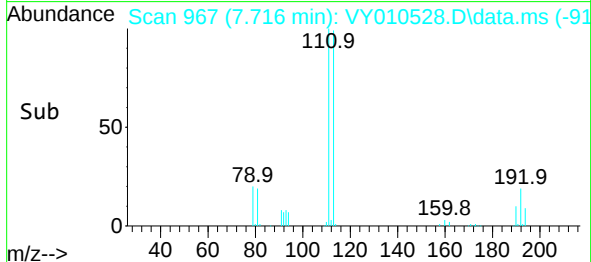
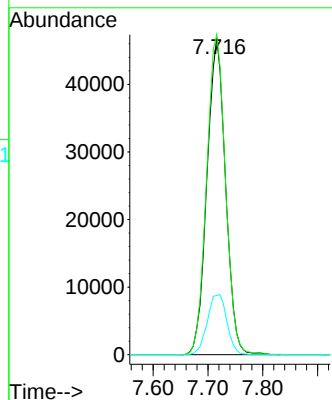
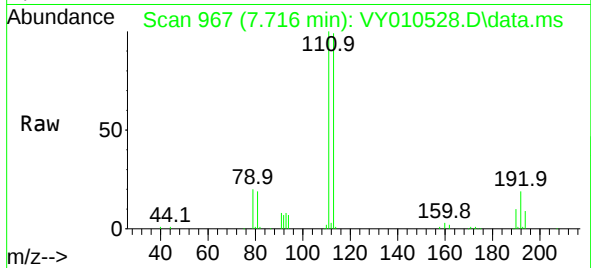




#35
Dibromofluoromethane
Concen: 71.536 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010528.D
Acq: 16 Sep 2022 12:10

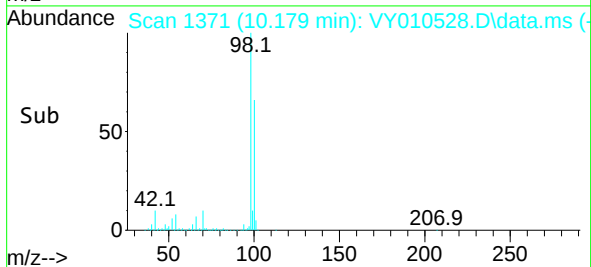
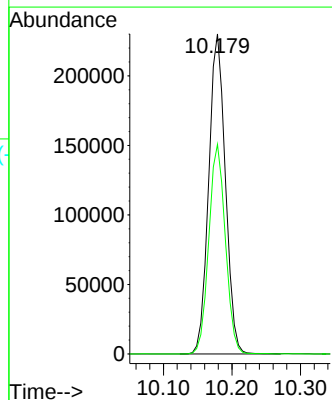
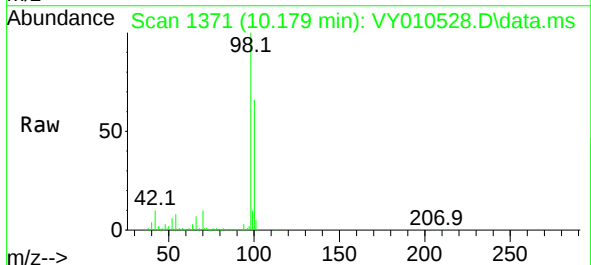
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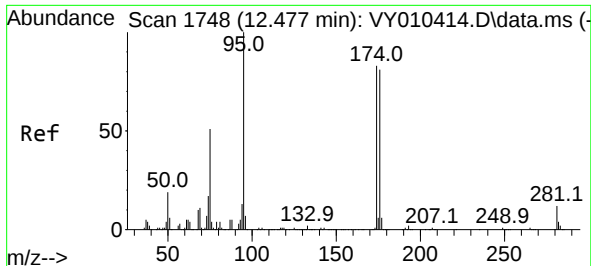
Tgt Ion:113 Resp: 110122
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.0 17.6 26.4



#50
Toluene-d8
Concen: 77.876 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010528.D
Acq: 16 Sep 2022 12:10

Tgt Ion: 98 Resp: 388527
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

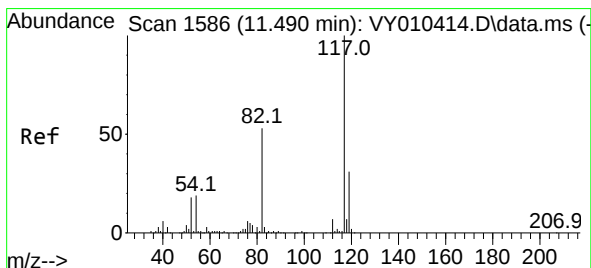
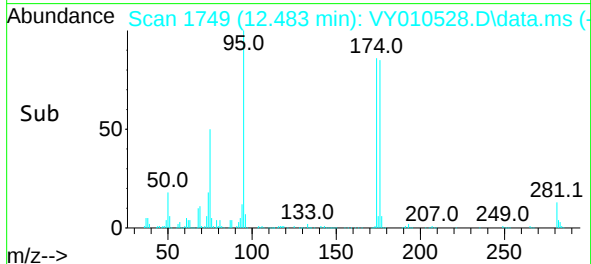
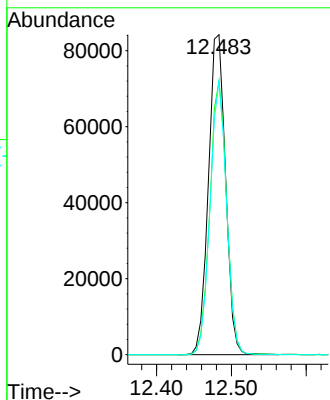
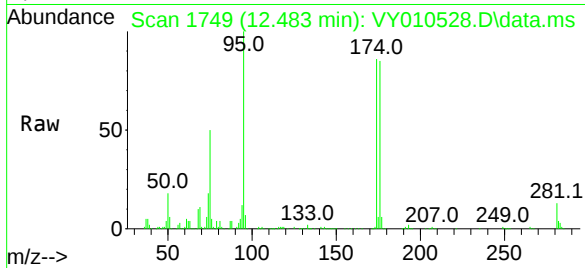




#62
4-Bromofluorobenzene
Concen: 70.172 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010528.D
Acq: 16 Sep 2022 12:10

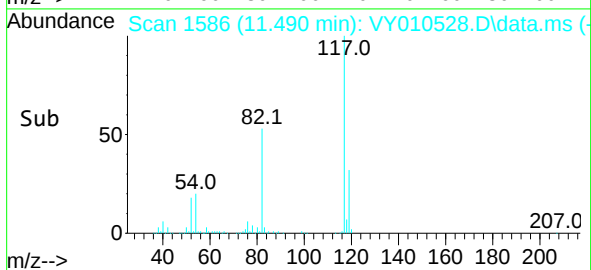
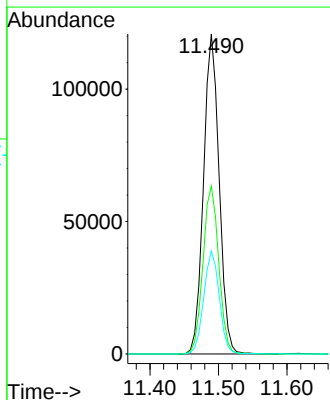
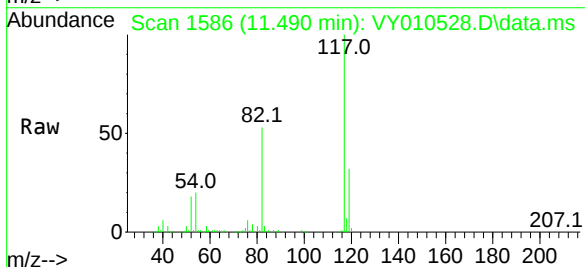
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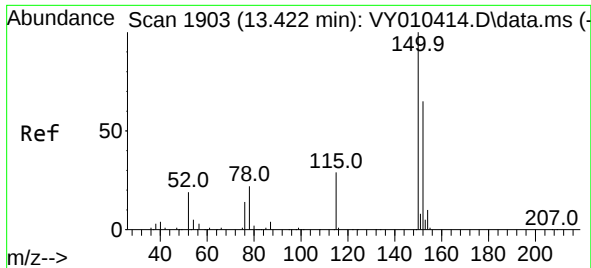
Tgt Ion: 95 Resp: 133858
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010528.D
Acq: 16 Sep 2022 12:10

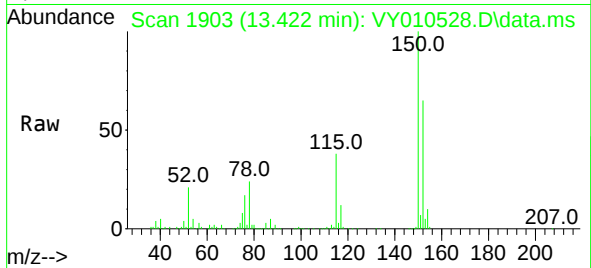
Tgt Ion: 117 Resp: 191645
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010528.D
 Acq: 16 Sep 2022 12:10

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.2	84.7
150	154.6	0.0	347.6

