

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014263.D
 Acq On : 20 Jun 2023 06:12
 Operator : KP/MD
 Sample : 03289-19
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-0-2.0

Quant Time: Jun 20 11:24:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	3078	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	4812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1241	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2538	59.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.420%
35) Dibromofluoromethane	7.728	113	869	25.465	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.920%#
50) Toluene-d8	10.185	98	5406	42.373	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.740%
62) 4-Bromofluorobenzene	12.489	95	1477	32.590	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.180%

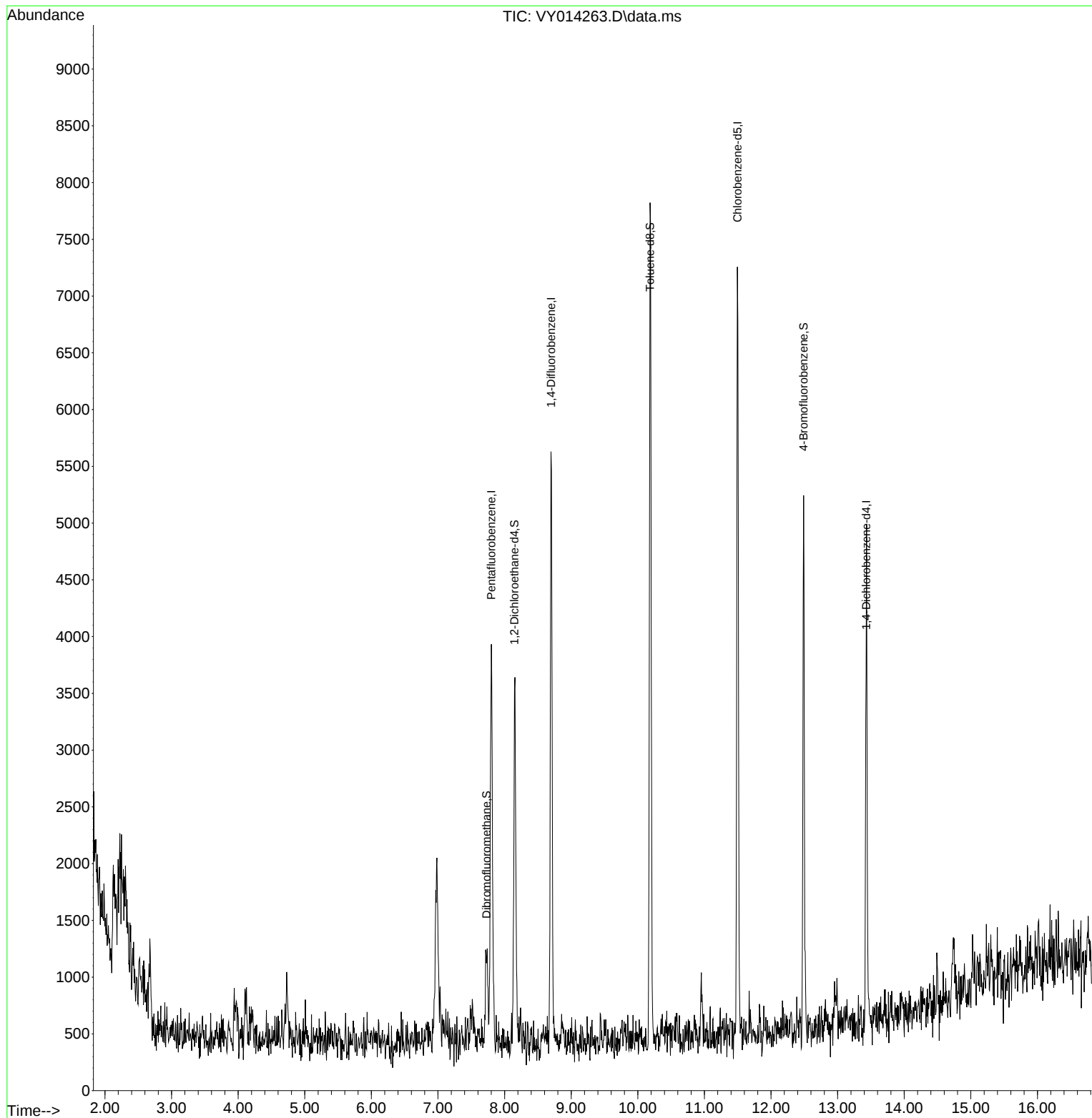
Target Compounds	Qvalue

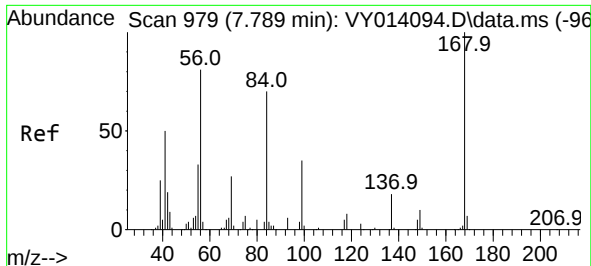
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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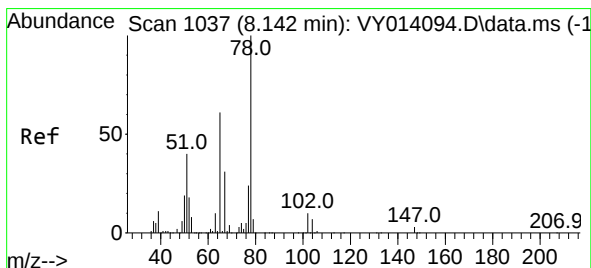
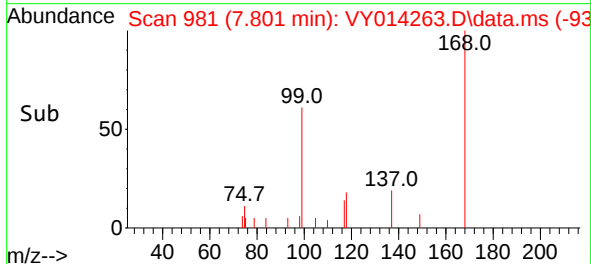
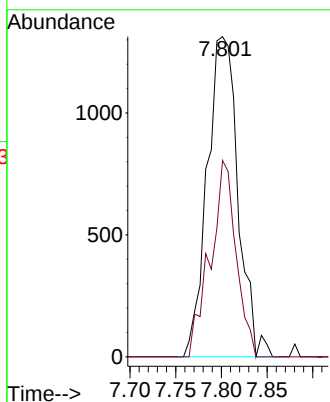
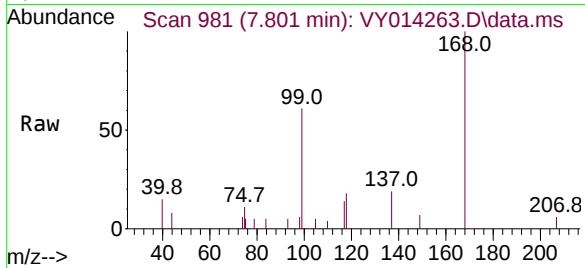




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014263.D
Acq: 20 Jun 2023 06:12

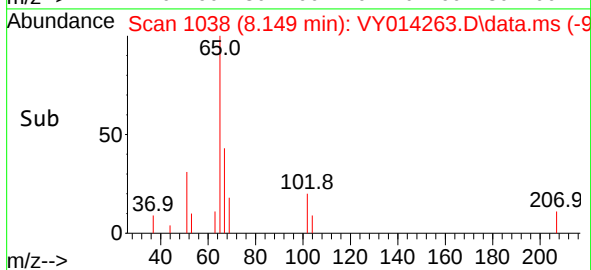
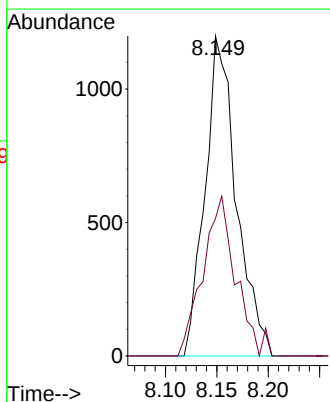
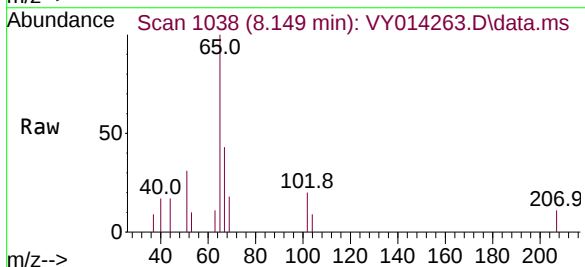
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

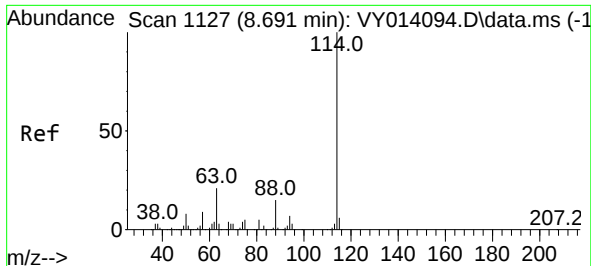
Tgt Ion:168 Resp: 3078
Ion Ratio Lower Upper
168 100
99 61.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.214 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014263.D
Acq: 20 Jun 2023 06:12

Tgt Ion: 65 Resp: 2538
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8

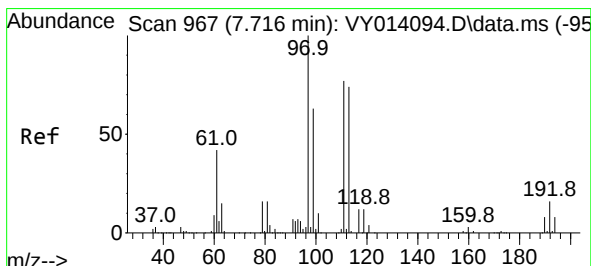
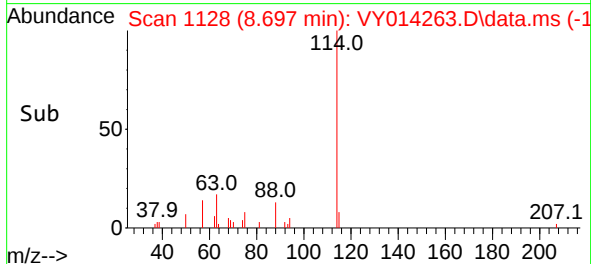
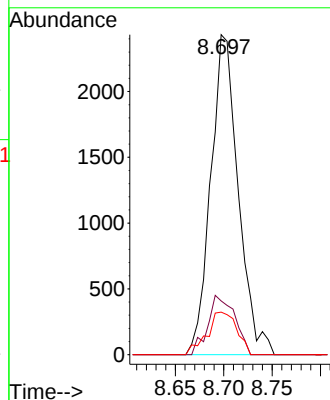
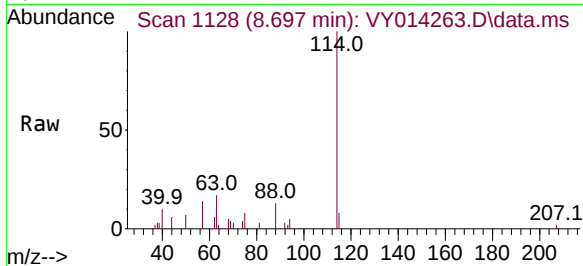




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014263.D
Acq: 20 Jun 2023 06:12

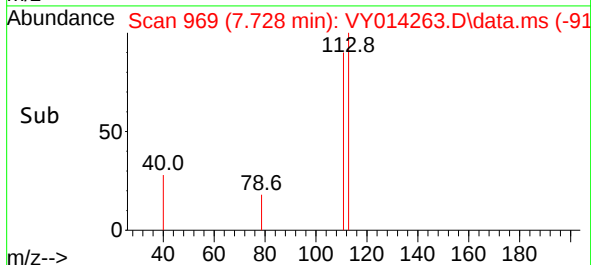
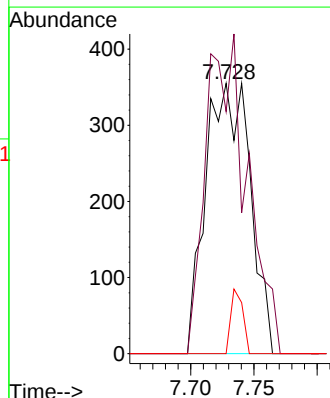
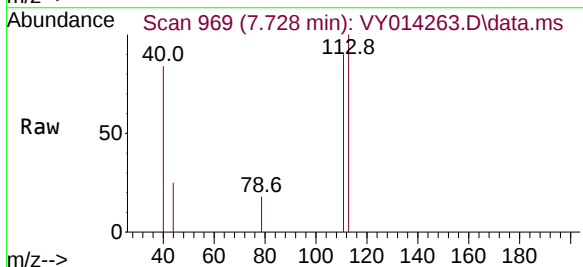
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-0-2.0

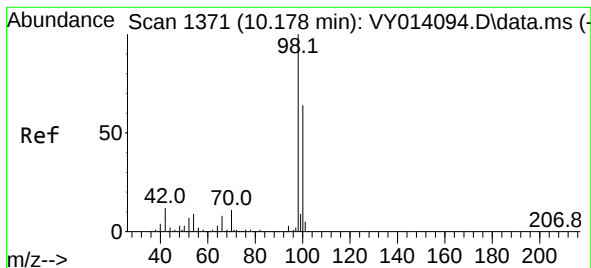
Tgt Ion:	114	Resp:	4812
Ion Ratio	Lower	Upper	
114	100		
63	16.8	0.0	42.4
88	13.3	0.0	30.6



#35
Dibromofluoromethane
Concen: 25.465 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014263.D
Acq: 20 Jun 2023 06:12

Tgt Ion:	113	Resp:	869
Ion Ratio	Lower	Upper	
113	100		
111	108.9	81.3	121.9
192	6.4	16.9	25.3

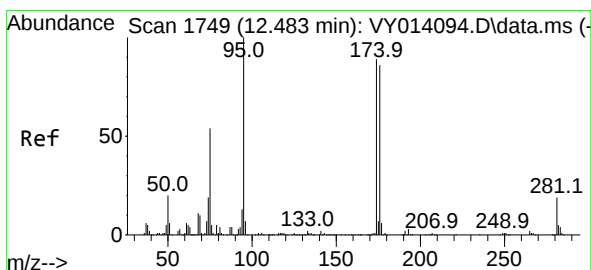
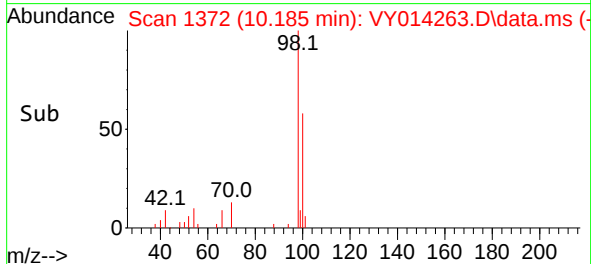
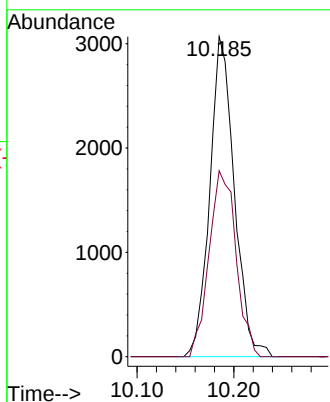
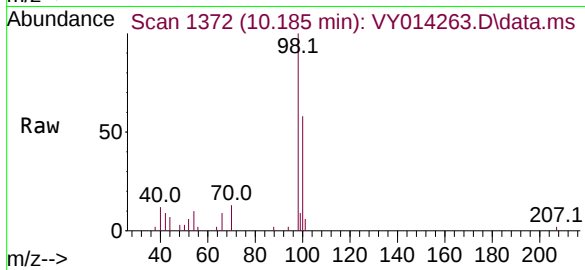




#50
Toluene-d8
Concen: 42.373 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014263.D
Acq: 20 Jun 2023 06:12

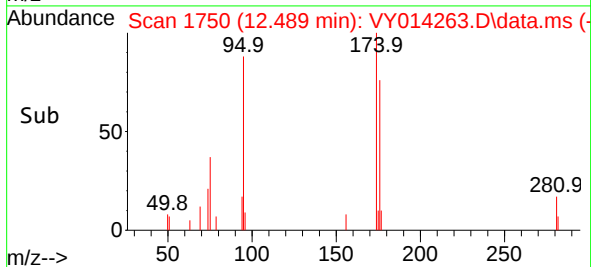
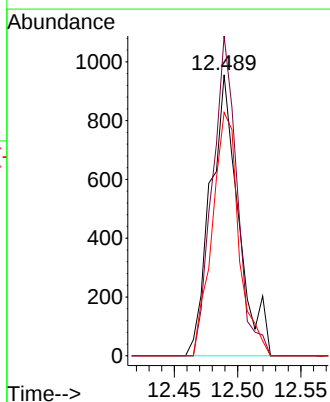
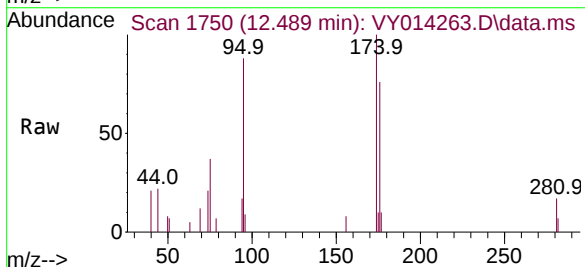
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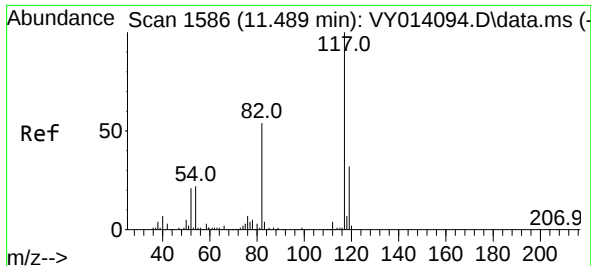
Tgt Ion: 98 Resp: 5406
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 32.590 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014263.D
Acq: 20 Jun 2023 06:12

Tgt Ion: 95 Resp: 1477
Ion Ratio Lower Upper
95 100
174 99.6 0.0 178.2
176 82.1 0.0 173.8

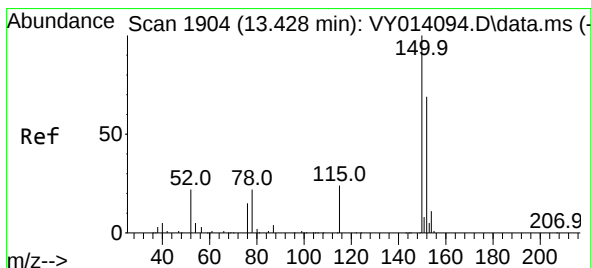
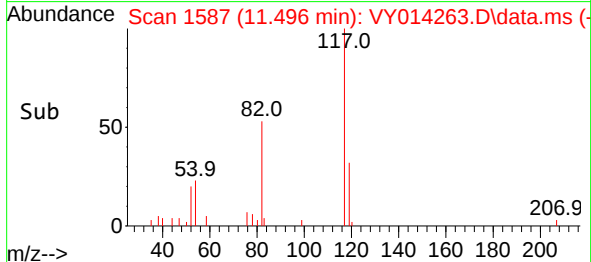
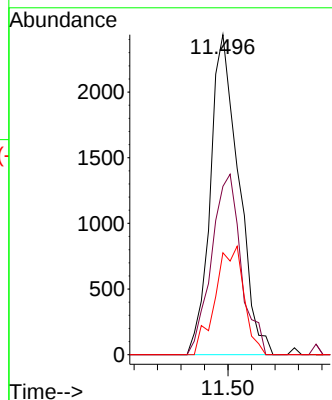
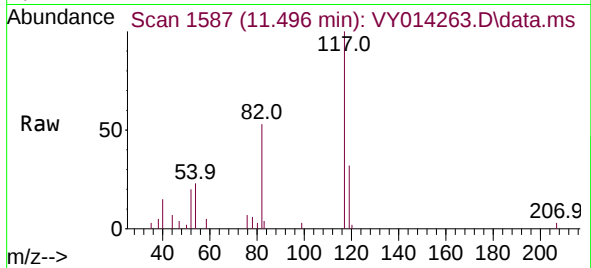




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY014263.D
Acq: 20 Jun 2023 06:12

Instrument :
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SB-07-0-2.0

Tgt Ion:	117	Resp:	4076
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.4	65.0
119	31.8	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014263.D
Acq: 20 Jun 2023 06:12

Tgt Ion:	152	Resp:	1241
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.5
150	152.9	0.0	348.8

