

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008506.D
 Acq On : 26 Apr 2022 16:03
 Operator : KP/MD
 Sample : N2559-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-10S

Quant Time: Apr 27 01:23:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3143	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	1327	85.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.740%#	
35) Dibromofluoromethane	7.722	113	946	57.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.480%	
50) Toluene-d8	10.178	98	3252	49.399	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.483	95	1125	50.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.100%	

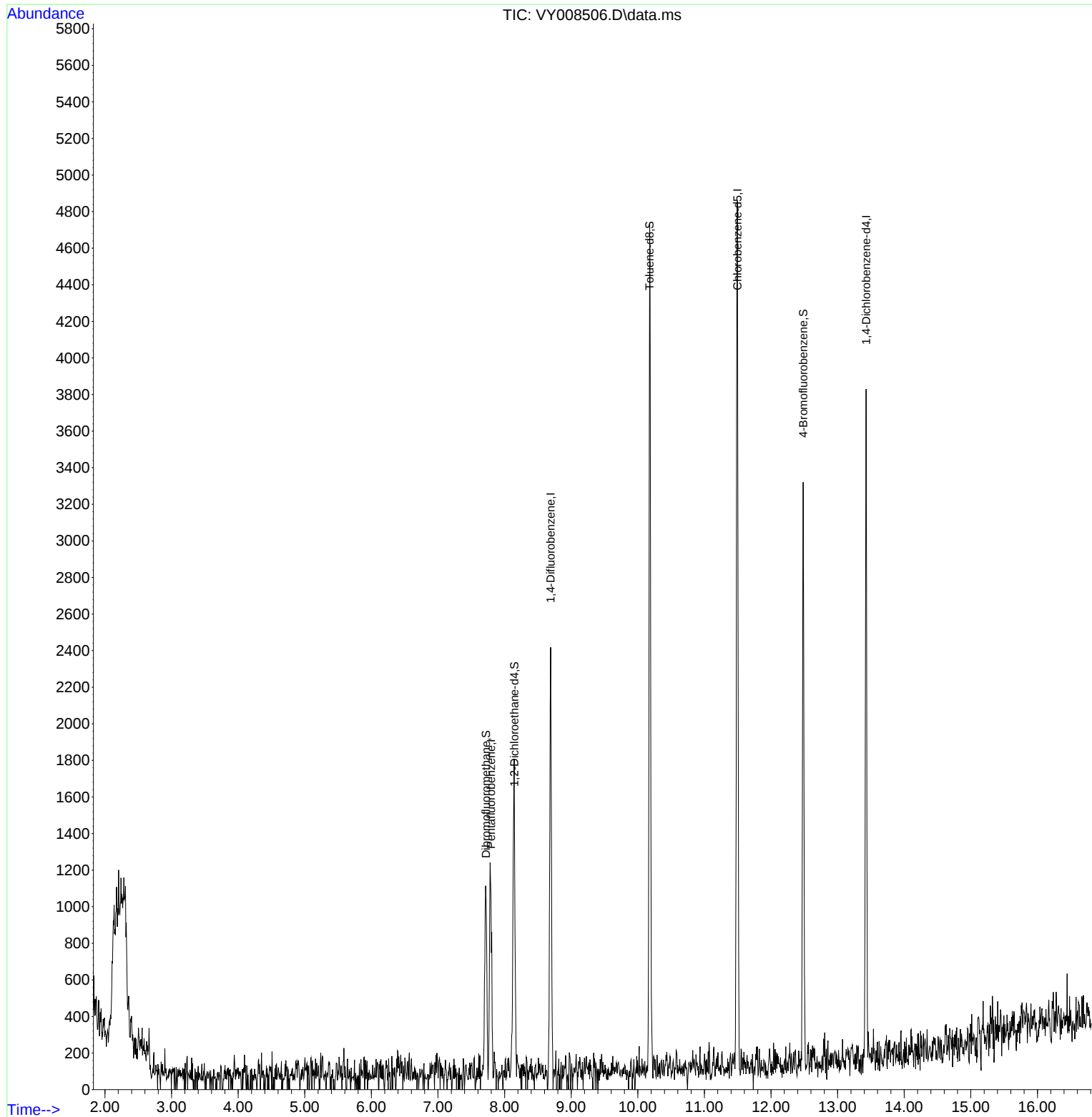
Target Compounds	Qvalue

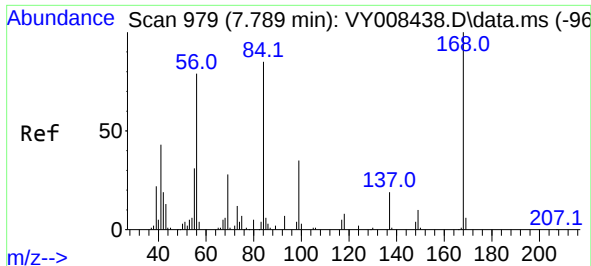
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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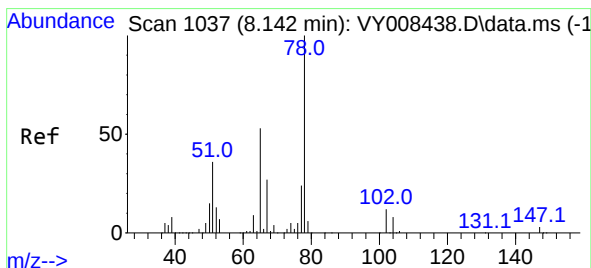
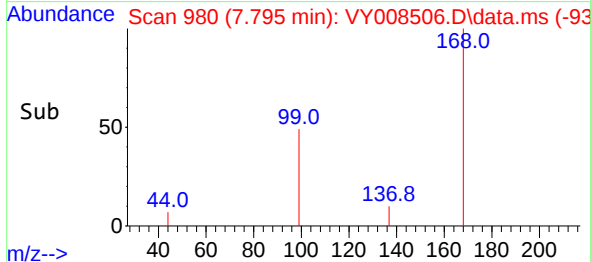
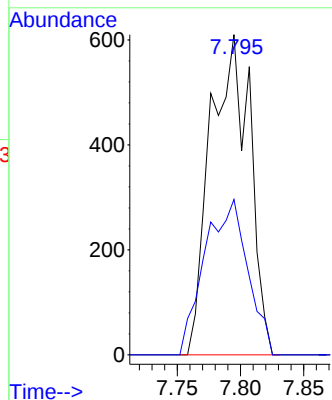
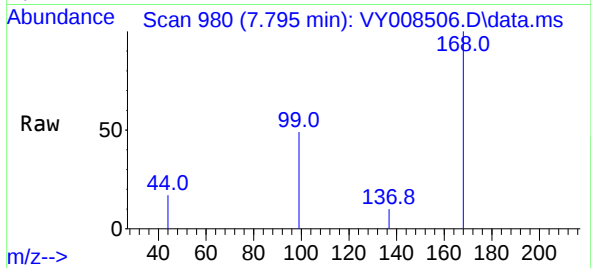




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

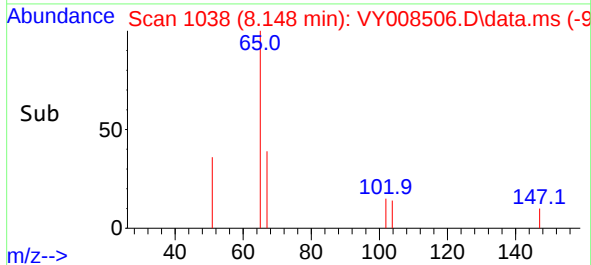
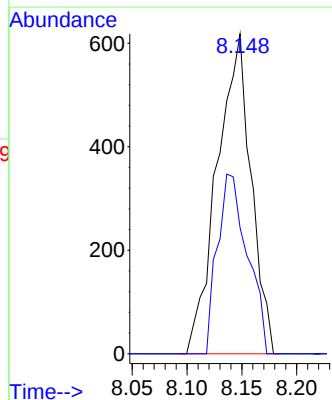
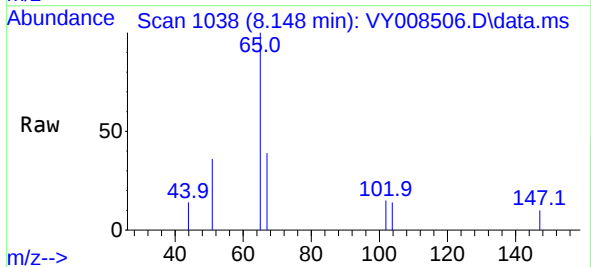
Instrument :
MSVOA_Y
ClientSampleId :
MH-10S

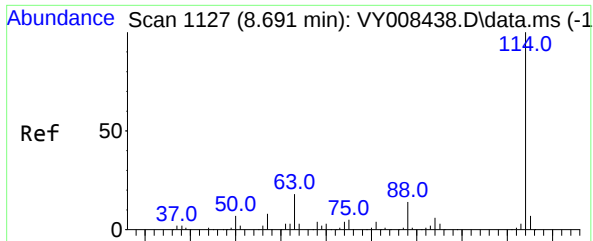
Tgt Ion:168 Resp: 1321
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 85.375 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Tgt Ion: 65 Resp: 1327
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4



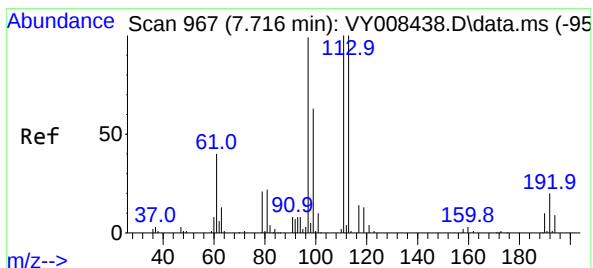
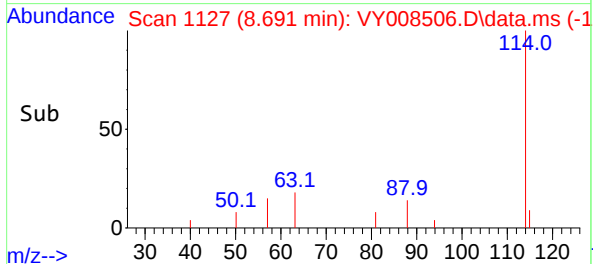
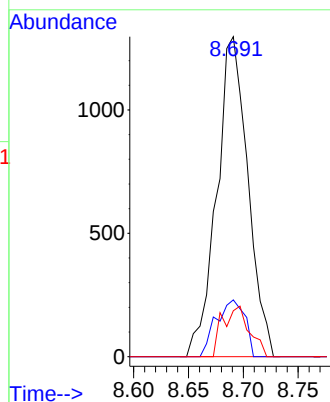
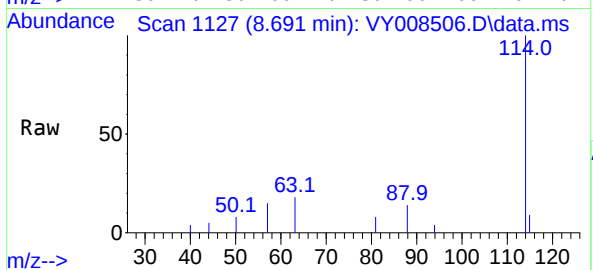


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
MH-10S

Tgt Ion:114 Resp: 2561

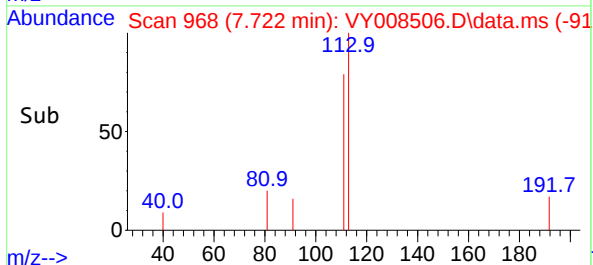
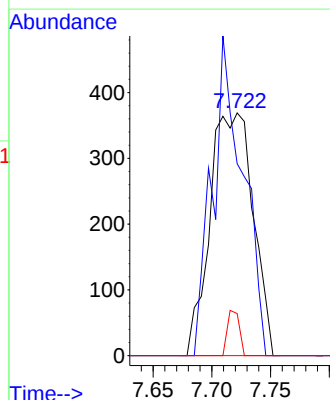
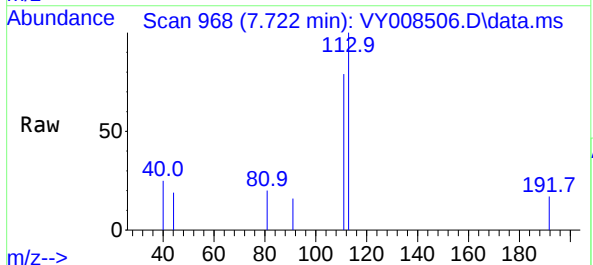
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	43.2
88	14.3	0.0	31.8

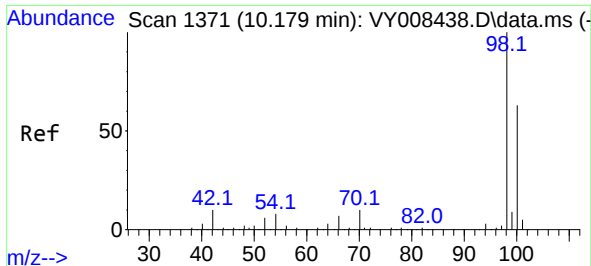


#35
Dibromofluoromethane
Concen: 57.235 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Tgt Ion:113 Resp: 946

Ion	Ratio	Lower	Upper
113	100		
111	92.6	82.6	124.0
192	5.2	17.6	26.4

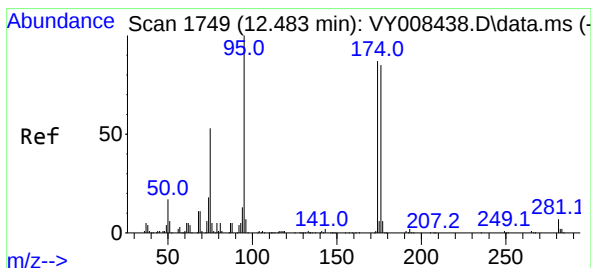
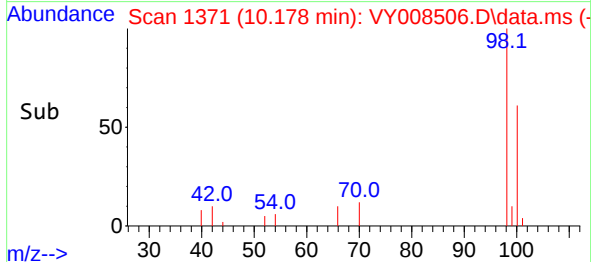
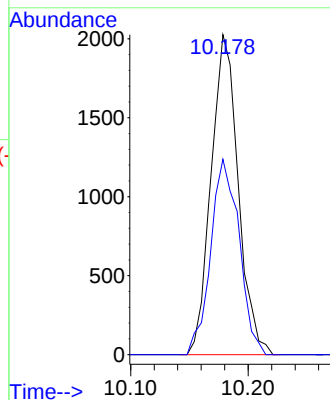
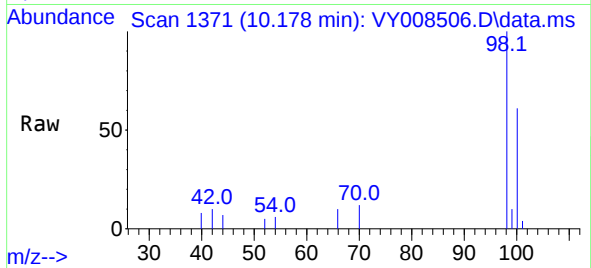




#50
Toluene-d8
Concen: 49.399 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

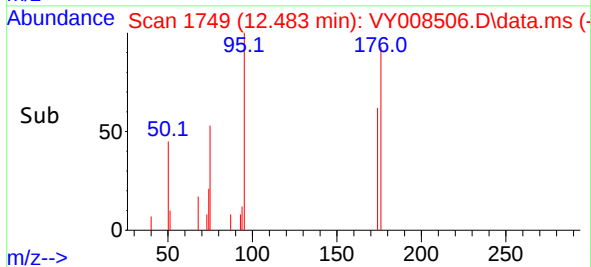
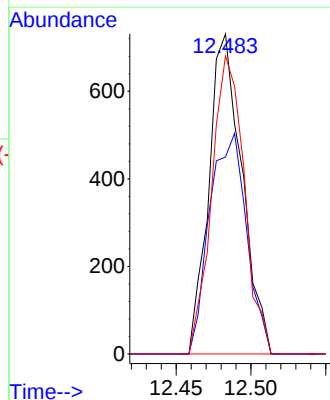
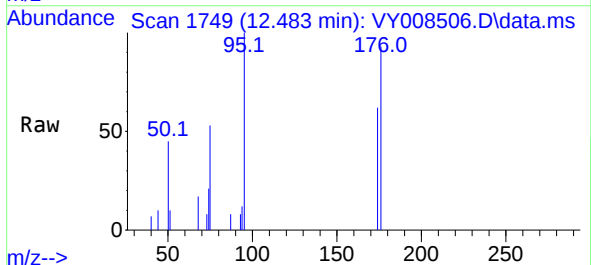
Instrument :
MSVOA_Y
ClientSampleId :
MH-10S

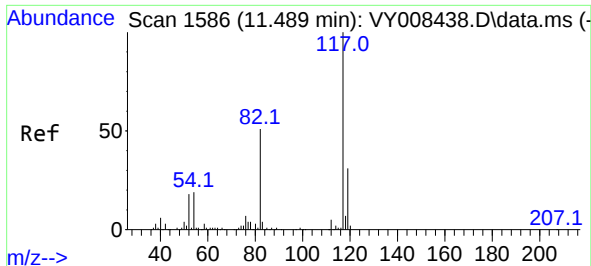
Tgt Ion: 98 Resp: 3252
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.548 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Tgt Ion: 95 Resp: 1125
Ion Ratio Lower Upper
95 100
174 76.9 0.0 177.0
176 91.5 0.0 175.8

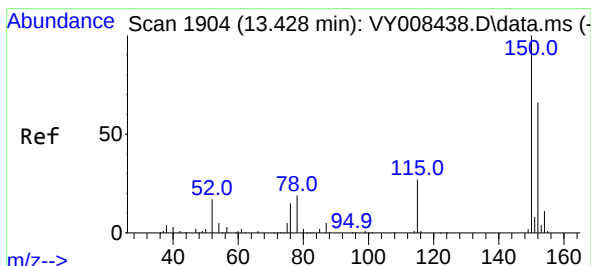
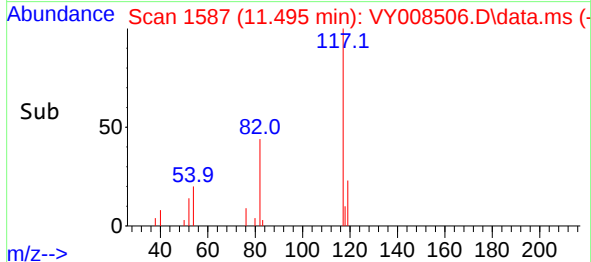
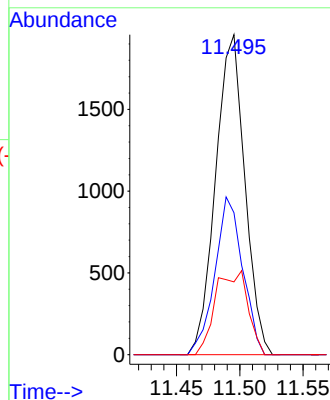
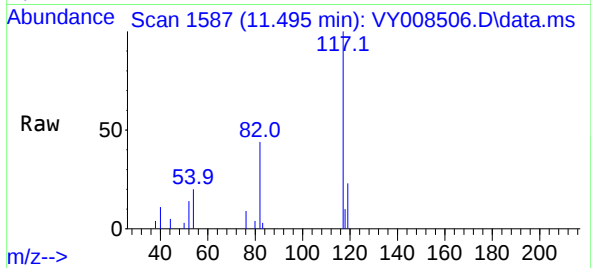




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Instrument :
MSVOA_Y
ClientSampleId :
MH-10S

Tgt Ion:	117	Resp:	3143
Ion	Ratio	Lower	Upper
117	100		
82	44.4	43.0	64.4
119	22.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008506.D
Acq: 26 Apr 2022 16:03

Tgt Ion:	152	Resp:	937
Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.2	84.7
150	171.7	0.0	347.6

