

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014861.D
 Acq On : 26 Jul 2023 19:49
 Operator : SY/MD
 Sample : 03686-05
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-20-0-2-20230720

Quant Time: Jul 27 01:13:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	266930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123889	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96157	55.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.680%
35) Dibromofluoromethane	7.716	113	84320	49.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.179	98	319064	50.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.477	95	117230	48.803	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.600%

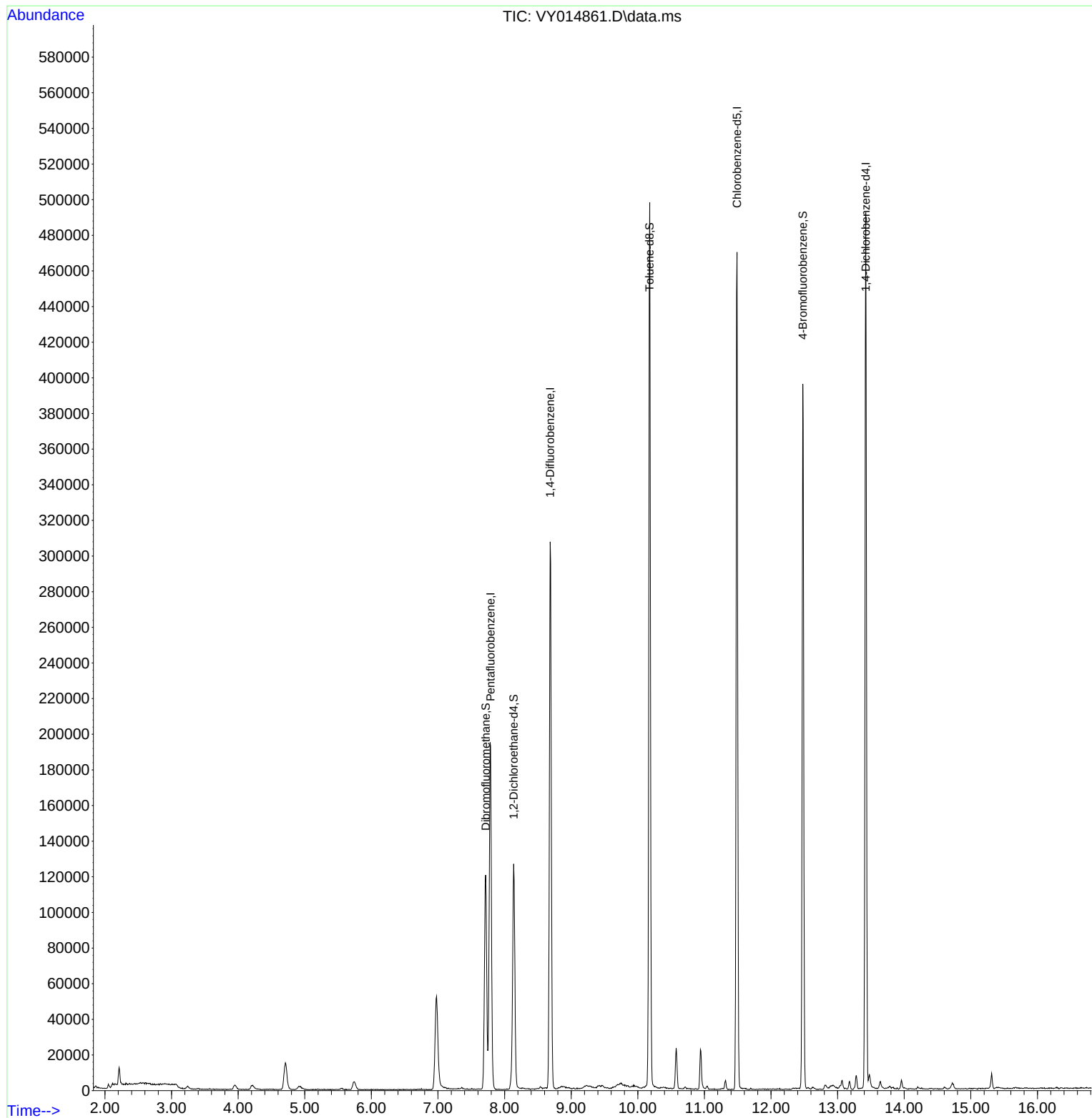
Target Compounds	Qvalue

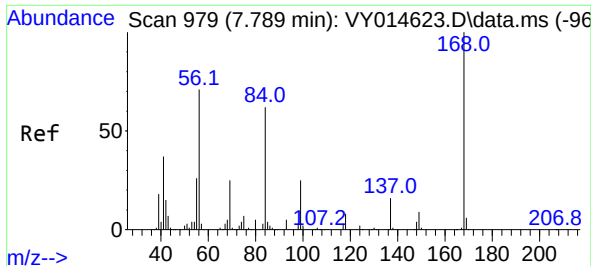
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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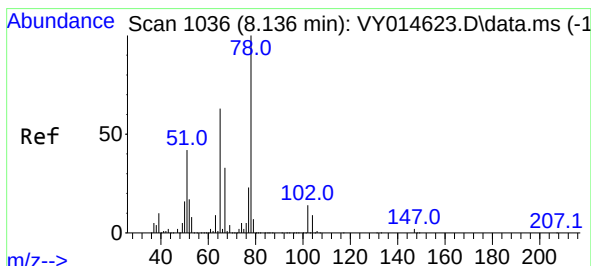
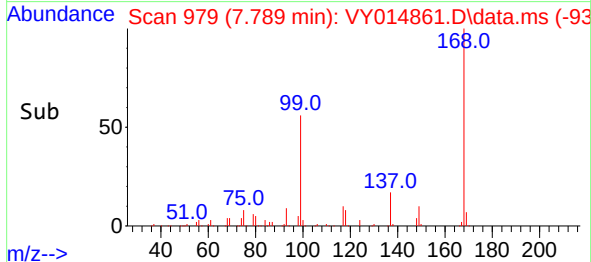
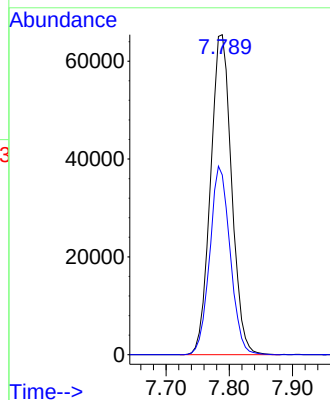
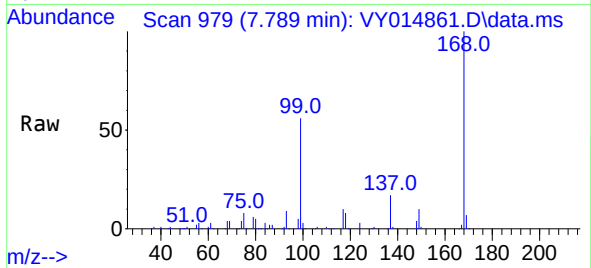




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

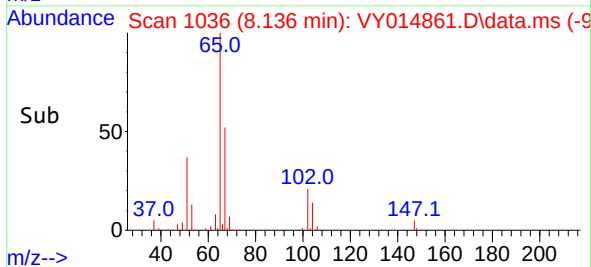
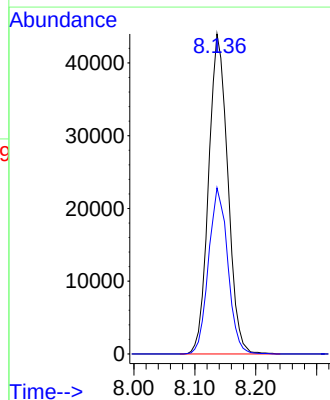
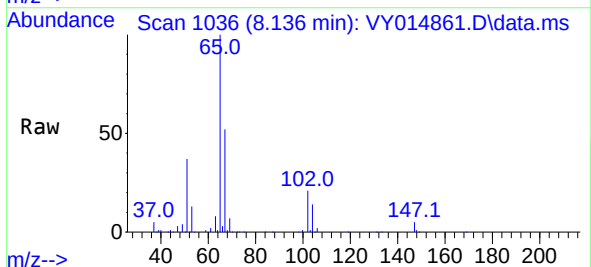
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-0-2-20230720

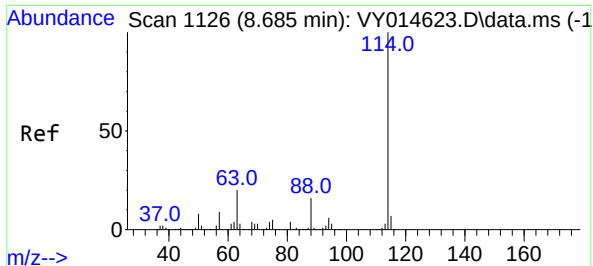
Tgt Ion:168 Resp: 151110
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.842 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Tgt Ion: 65 Resp: 96157
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8



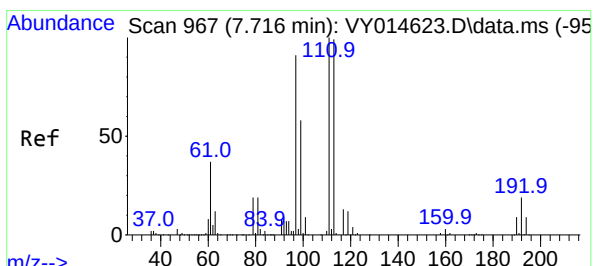
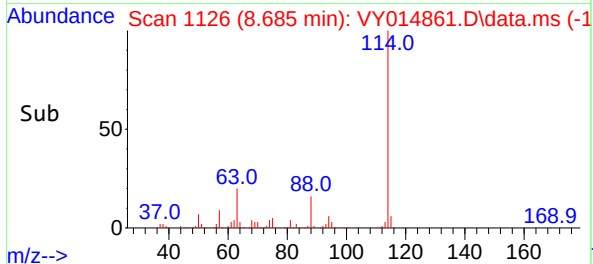
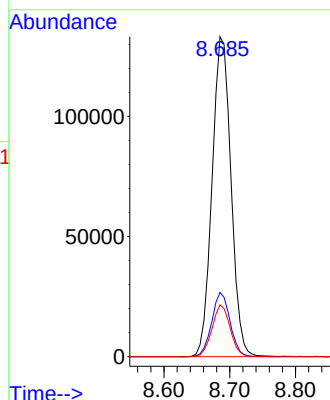
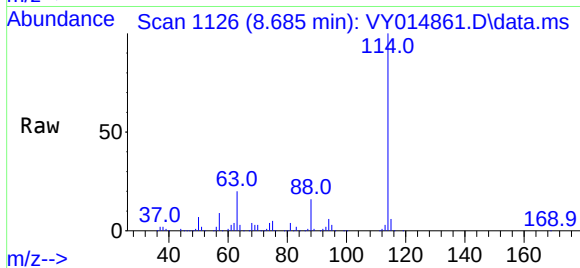


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-20-0-2-20230720

Tgt Ion:114 Resp: 266930

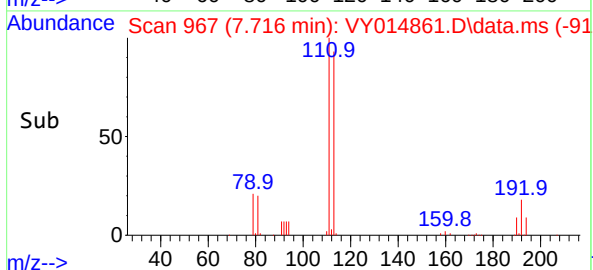
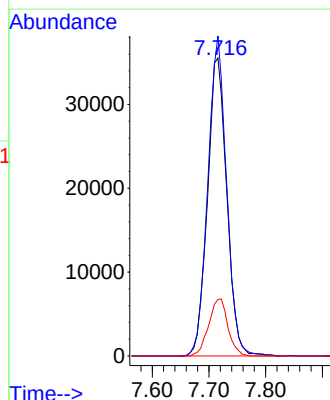
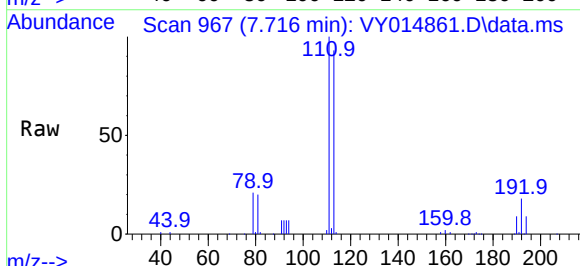
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.4
88	16.2	0.0	30.6

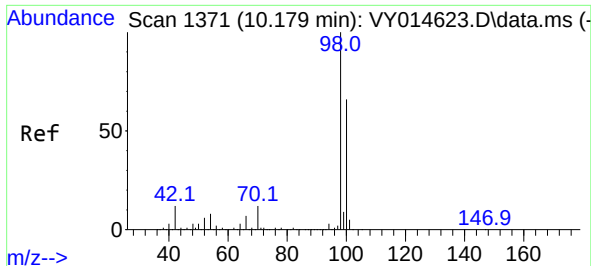


#35
Dibromofluoromethane
Concen: 49.623 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Tgt Ion:113 Resp: 84320

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.3	121.9
192	19.1	16.9	25.3

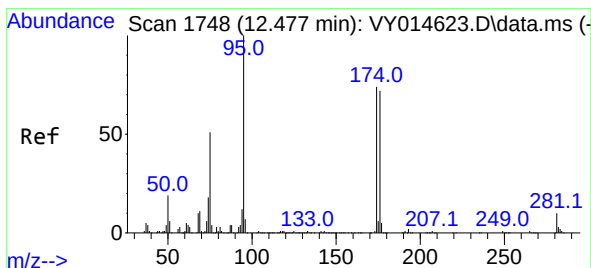
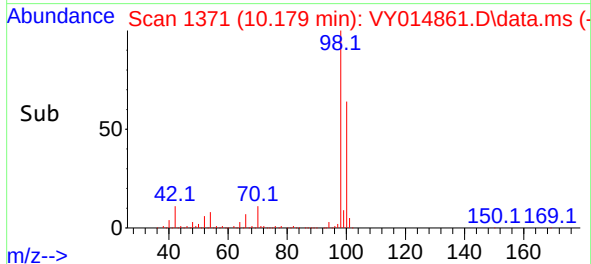
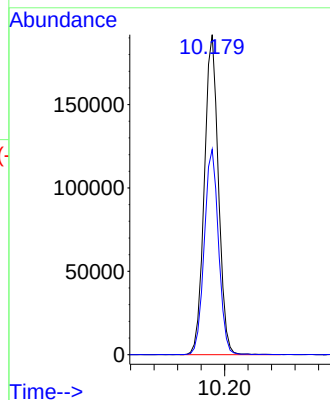
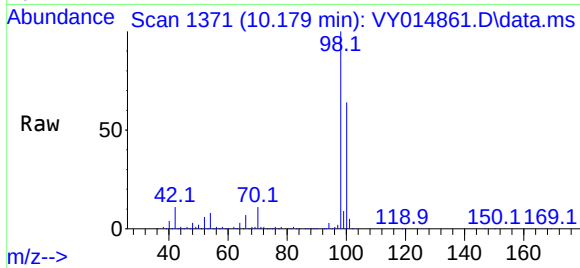




#50
Toluene-d8
Concen: 50.931 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

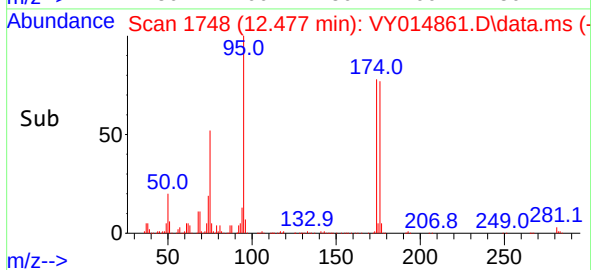
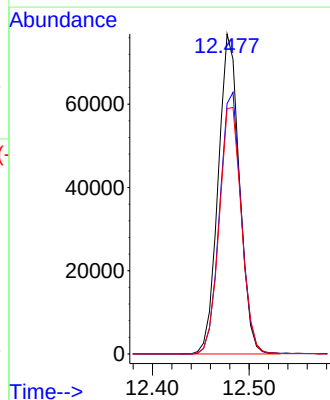
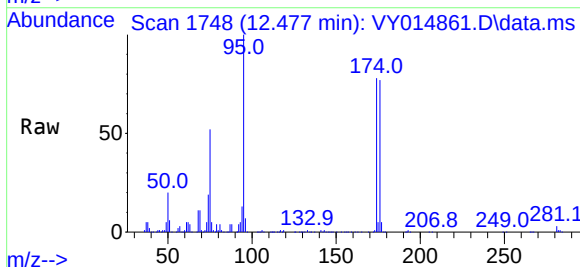
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-0-2-20230720

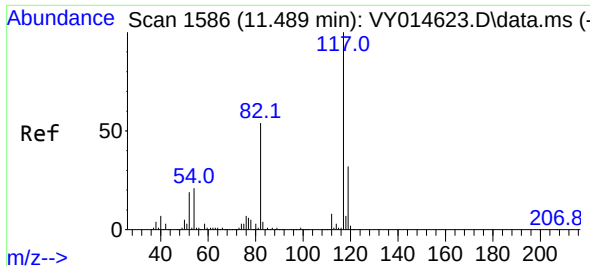
Tgt Ion: 98 Resp: 319064
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.803 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

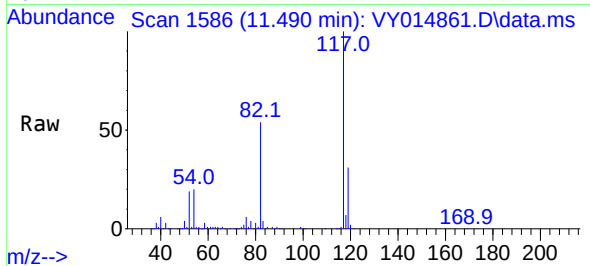
Tgt Ion: 95 Resp: 117230
Ion Ratio Lower Upper
95 100
174 83.0 0.0 178.2
176 80.4 0.0 173.8



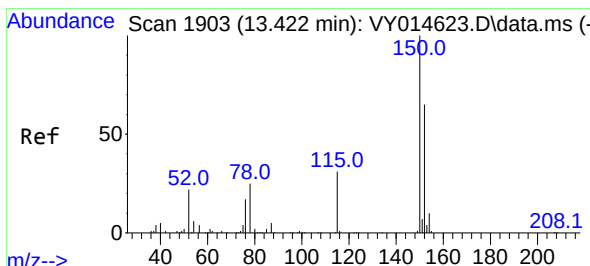
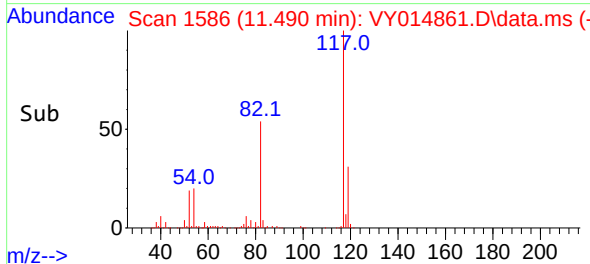
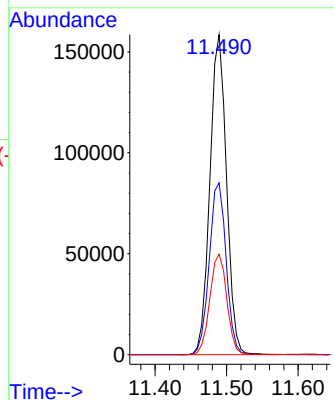


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-20-0-2-20230720



Tgt Ion:117 Resp: 255749
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014861.D
Acq: 26 Jul 2023 19:49

Tgt Ion:152 Resp: 123889
Ion Ratio Lower Upper
152 100
115 59.8 28.8 86.5
150 156.5 0.0 348.8

