

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014860.D
 Acq On : 26 Jul 2023 19:25
 Operator : SY/MD
 Sample : 03686-04
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-26-15-17-20230719

Quant Time: Jul 27 01:12:45 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	7.783	168	153289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124295	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	97146	55.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.220%
35) Dibromofluoromethane	7.710	113	85178	49.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.860%
50) Toluene-d8	10.179	98	321989	50.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.477	95	117999	48.438	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.880%

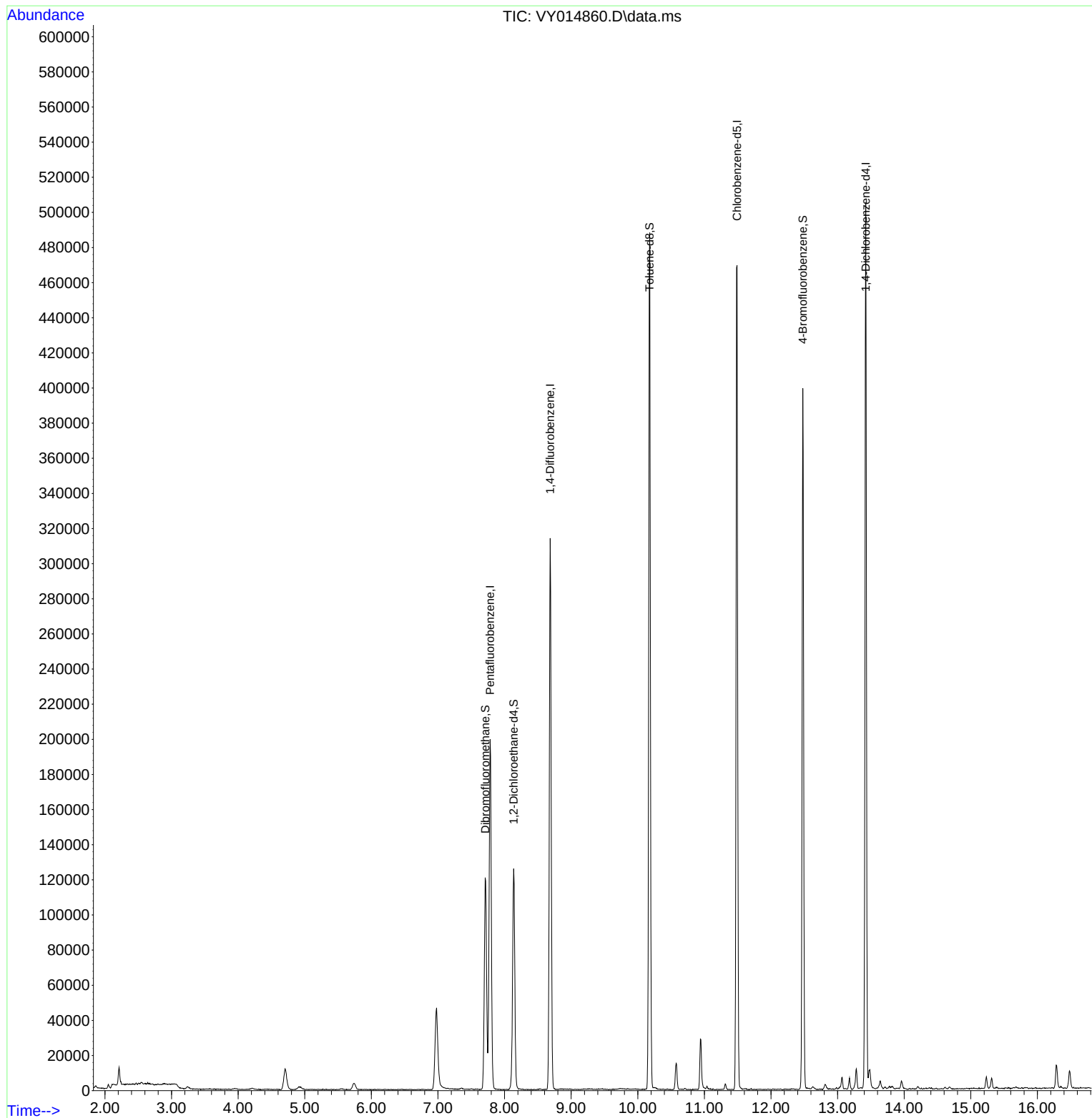
Target Compounds	Qvalue

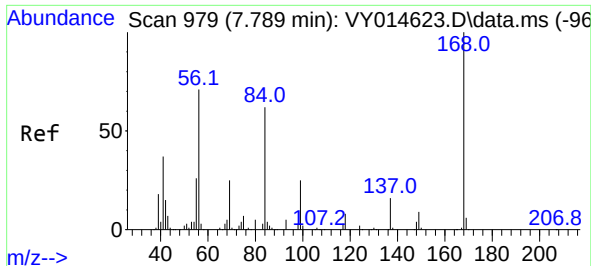
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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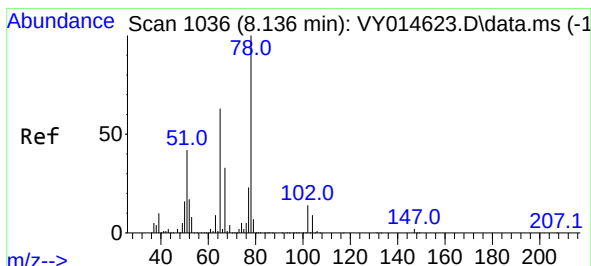
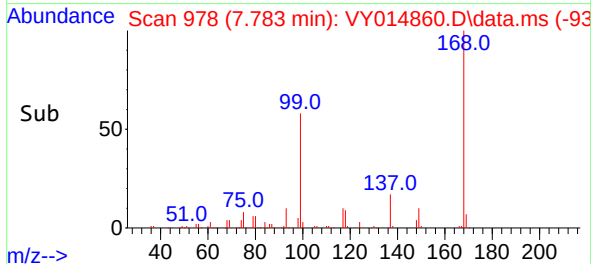
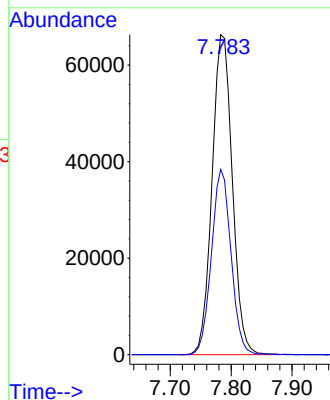
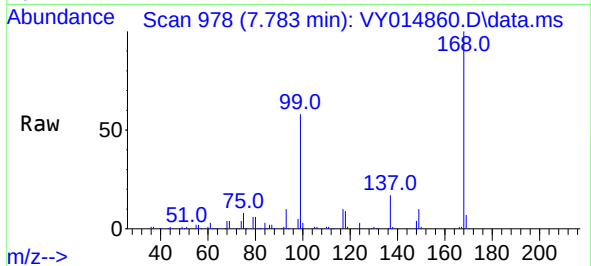




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014860.D
Acq: 26 Jul 2023 19:25

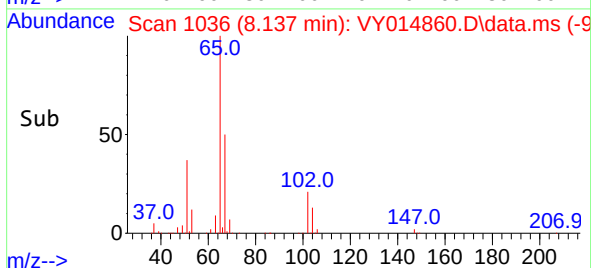
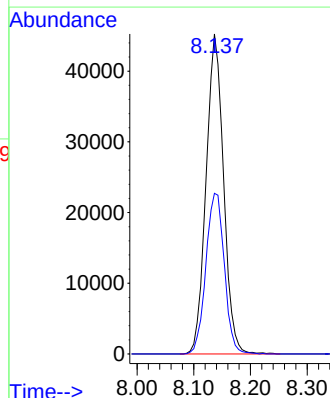
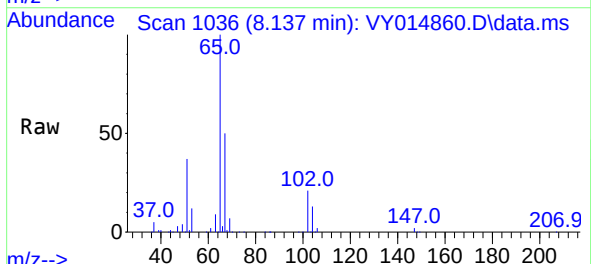
Instrument :
MSVOA_Y
ClientSampleId :
SB-26-15-17-20230719

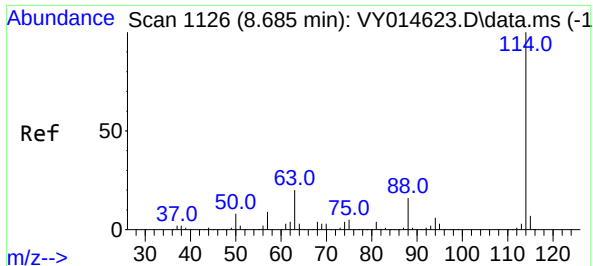
Tgt Ion:168 Resp: 153289
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.614 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014860.D
Acq: 26 Jul 2023 19:25

Tgt Ion: 65 Resp: 97146
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

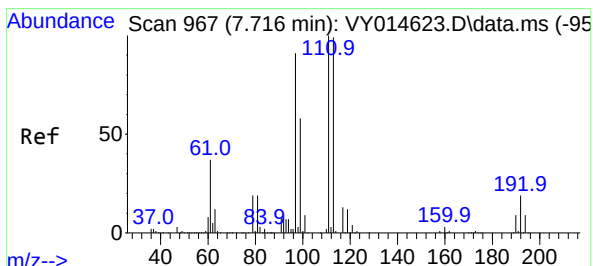
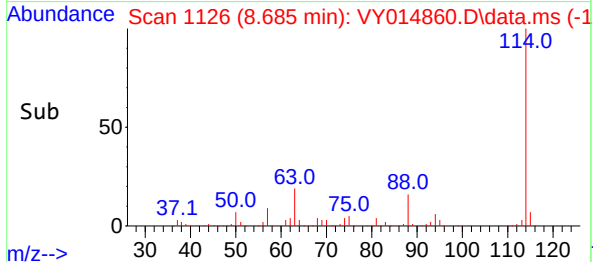
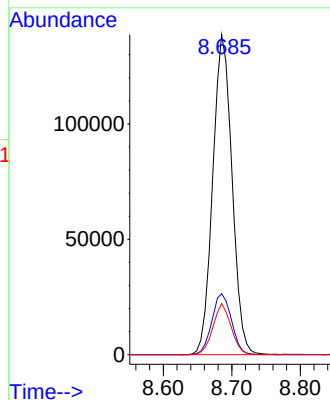
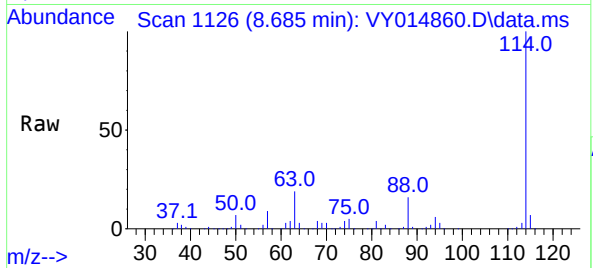




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014860.D
Acq: 26 Jul 2023 19:25

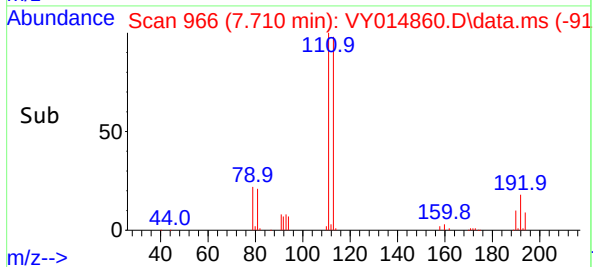
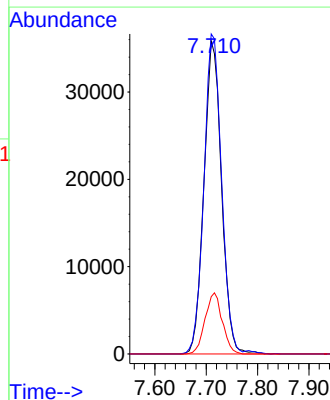
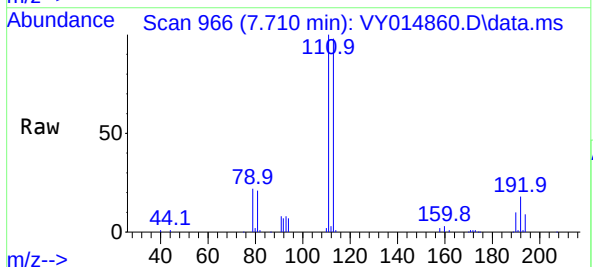
Instrument :
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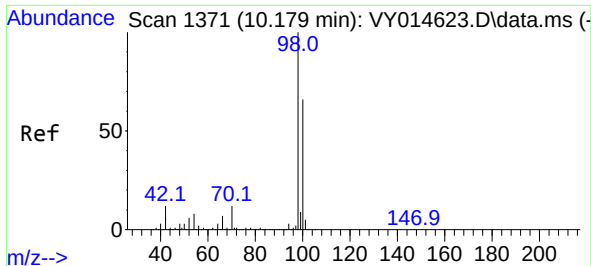
Tgt Ion:114 Resp: 270708
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.428 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014860.D
Acq: 26 Jul 2023 19:25

Tgt Ion:113 Resp: 85178
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.2 16.9 25.3

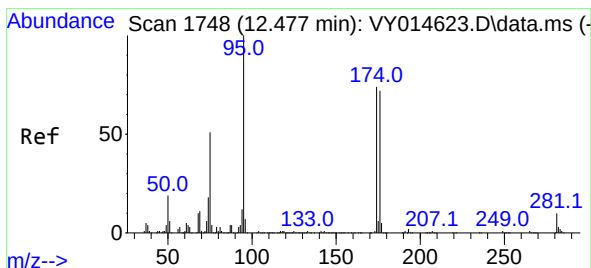
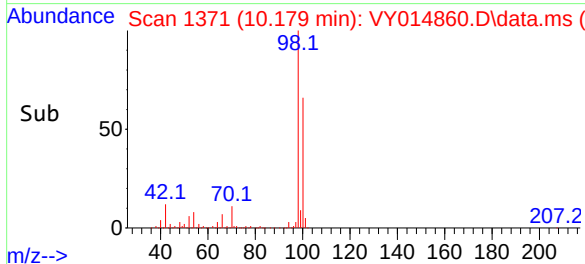
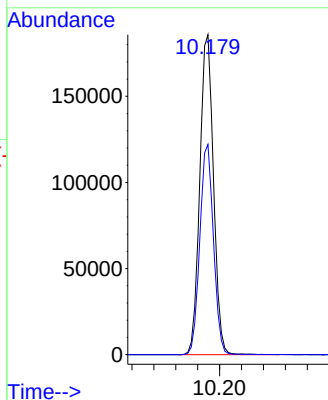
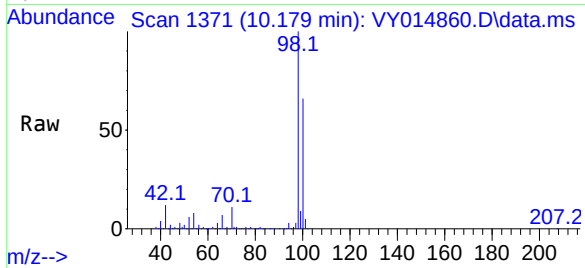




#50
Toluene-d8
Concen: 50.681 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014860.D
Acq: 26 Jul 2023 19:25

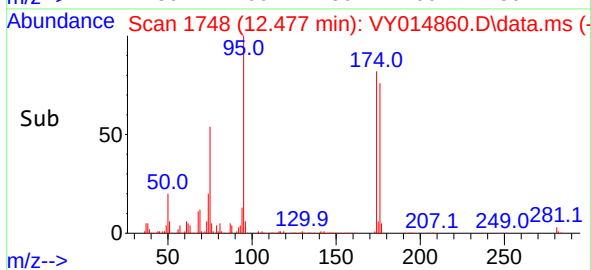
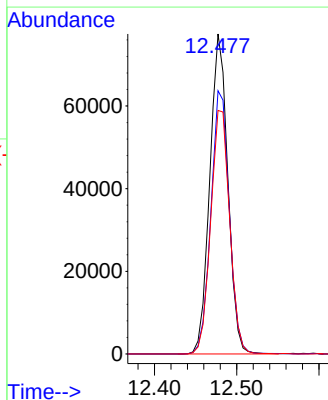
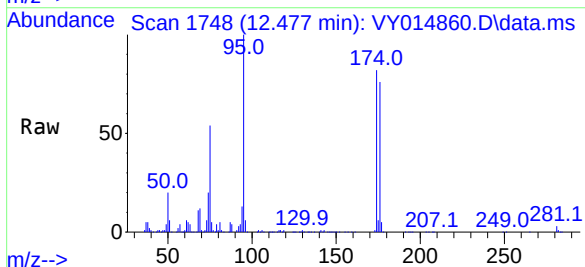
Instrument :
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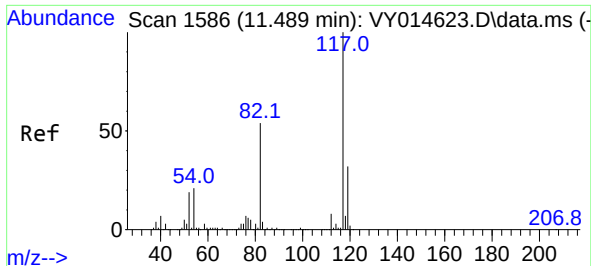
Tgt Ion: 98 Resp: 321989
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.438 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014860.D
Acq: 26 Jul 2023 19:25

Tgt Ion: 95 Resp: 117999
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.1 0.0 173.8

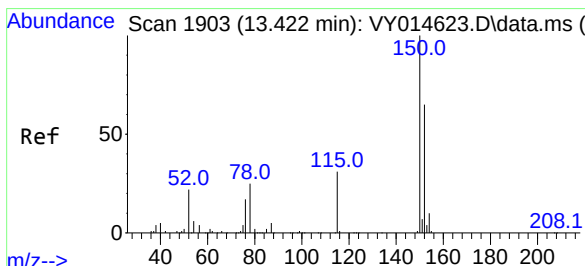
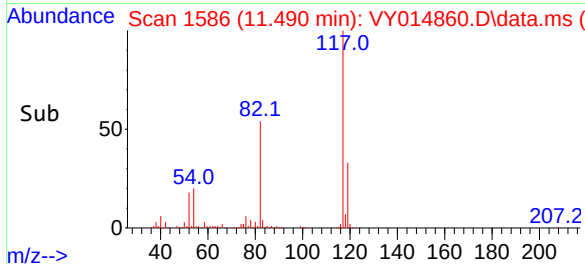
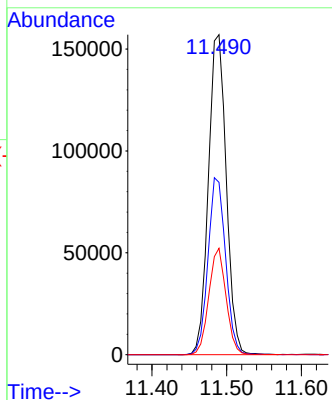
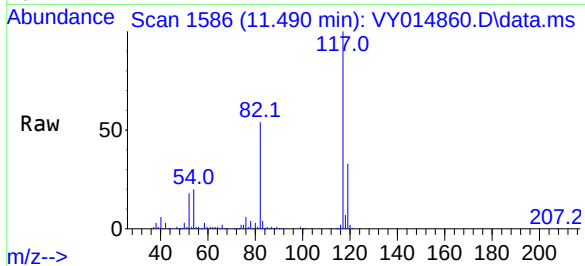




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014860.D
Acq: 26 Jul 2023 19:25

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	117	Resp:	260646
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.4	65.0
119	33.2	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: VY014860.D
Acq: 26 Jul 2023 19:25

Tgt Ion:	152	Resp:	124295
Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.8	86.5
150	158.3	0.0	348.8

