

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014862.D
 Acq On : 26 Jul 2023 20:12
 Operator : SY/MD
 Sample : 03686-06
 Misc : 2.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-20-2-4-20230720

Quant Time: Jul 27 01:13:32 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	151239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	268436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97266	56.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.880%
35) Dibromofluoromethane	7.715	113	84988	49.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.178	98	319563	50.724	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.477	95	119470	49.457	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.920%

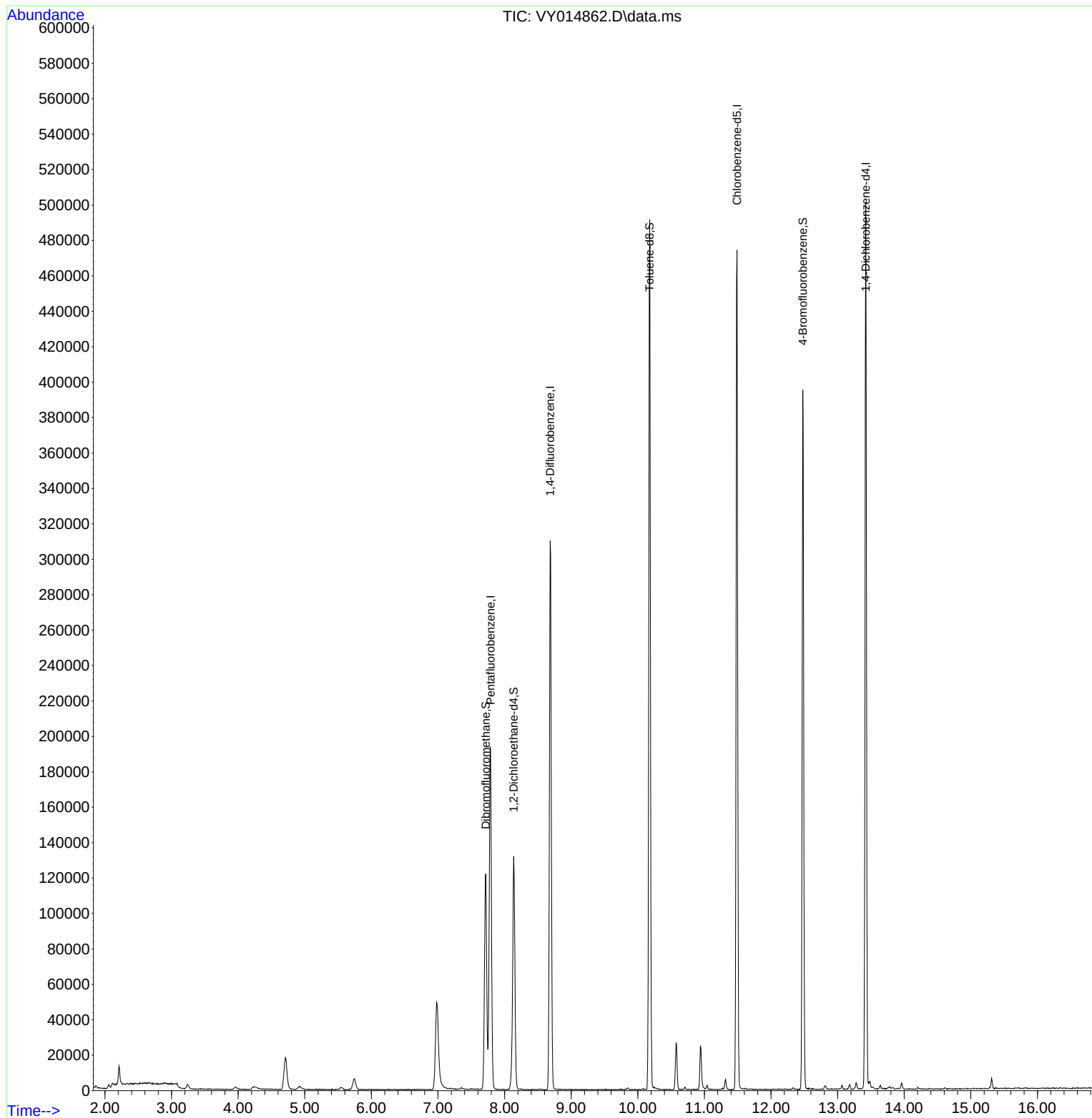
Target Compounds	Qvalue

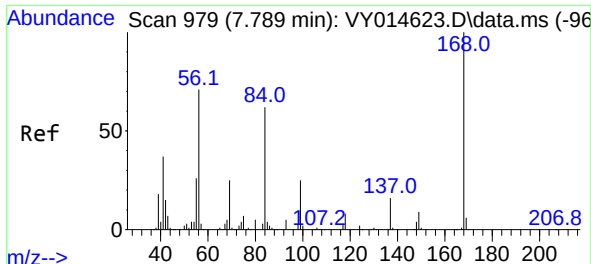
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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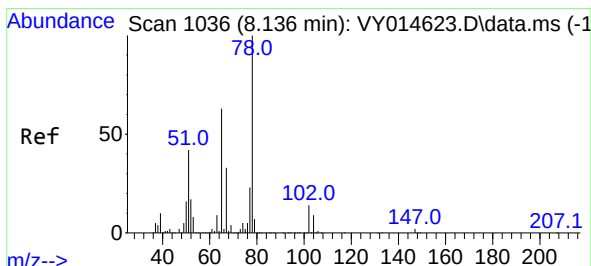
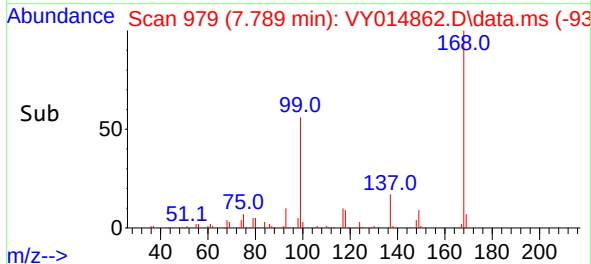
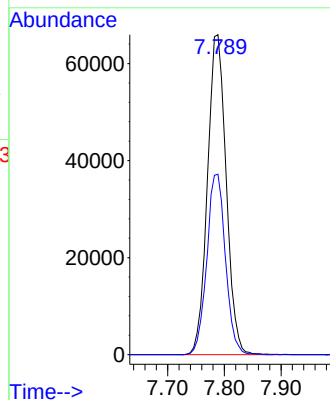
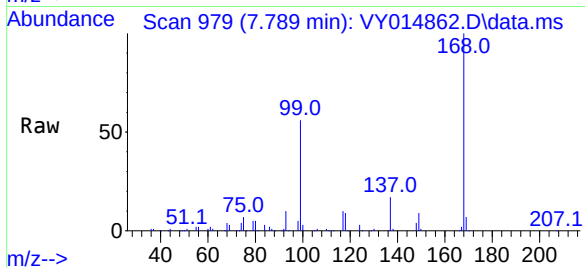




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

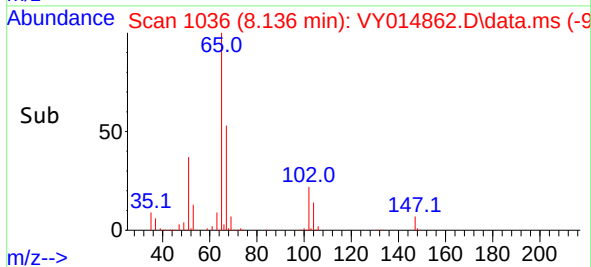
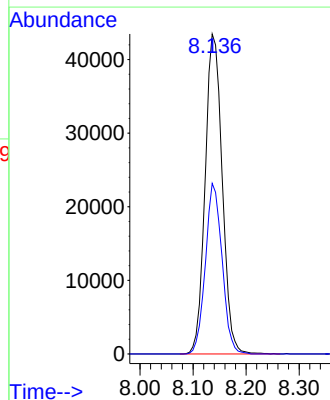
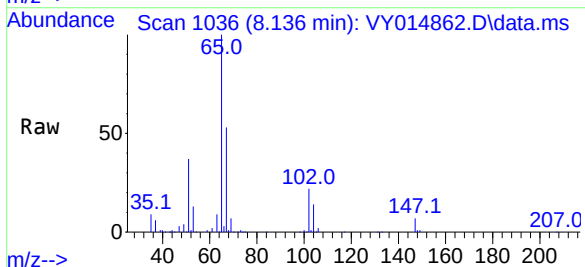
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-2-4-20230720

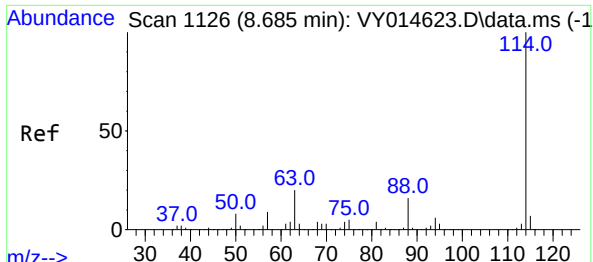
Tgt Ion:168 Resp: 151239
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.438 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

Tgt Ion: 65 Resp: 97266
Ion Ratio Lower Upper
65 100
67 51.9 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: VY014862.D

Acq: 26 Jul 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-20-2-4-20230720

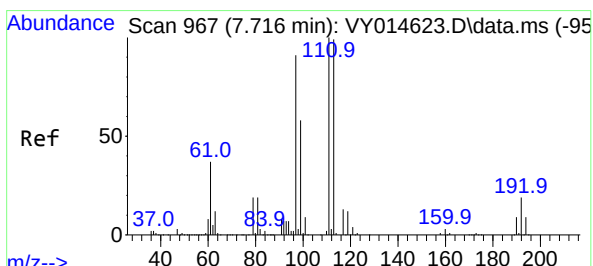
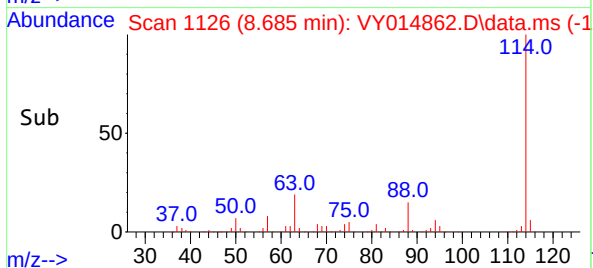
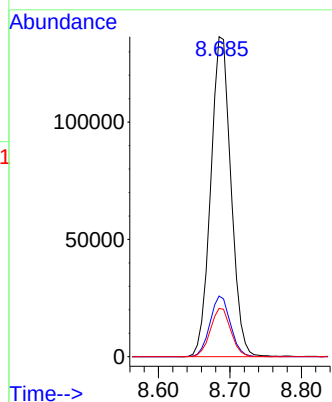
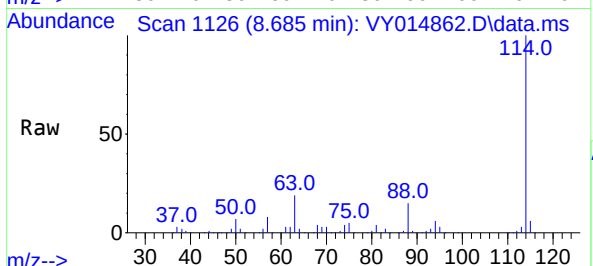
Tgt Ion:114 Resp: 268436

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.736 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY014862.D

Acq: 26 Jul 2023 20:12

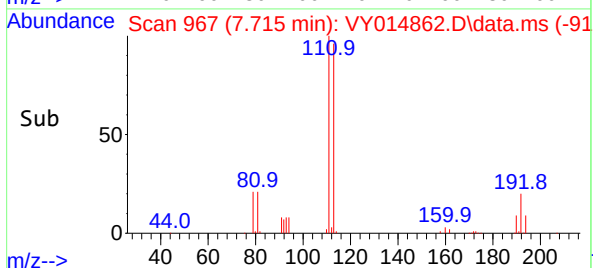
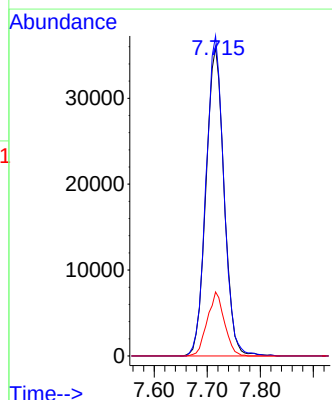
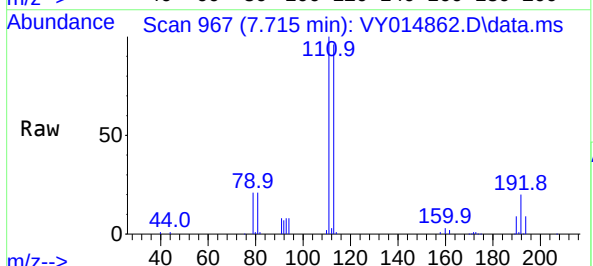
Tgt Ion:113 Resp: 84988

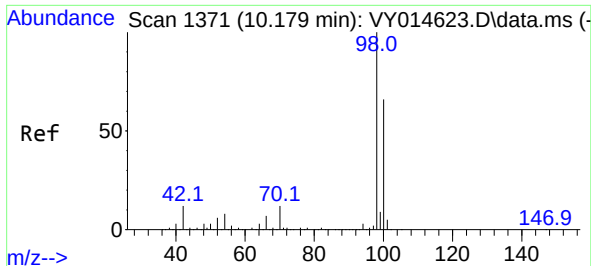
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 19.7 16.9 25.3

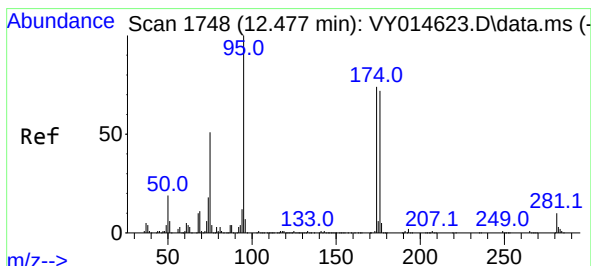
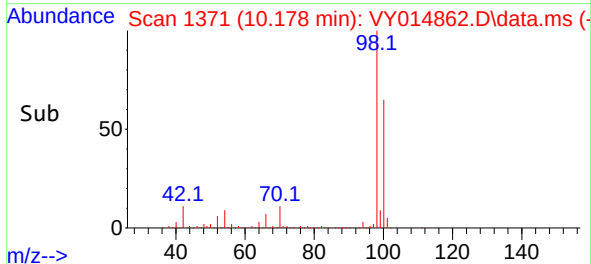
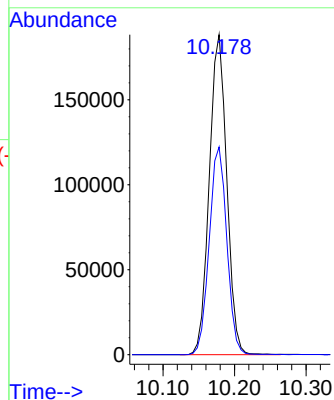
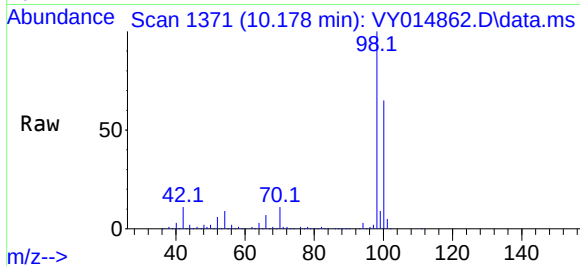




#50
Toluene-d8
Concen: 50.724 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

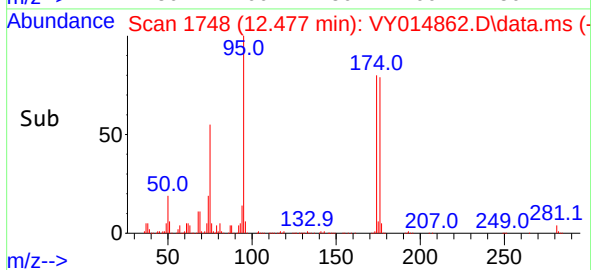
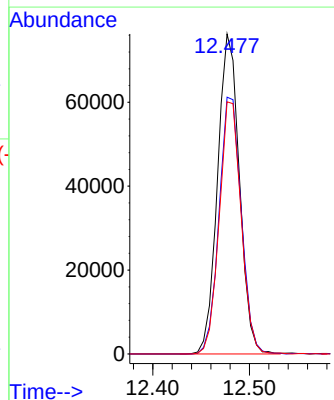
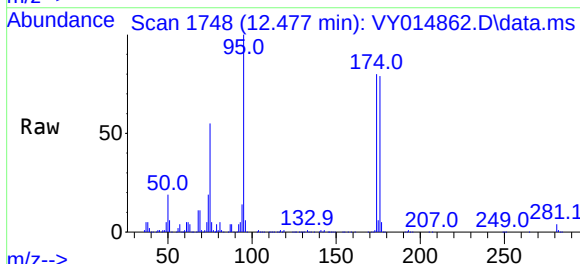
Instrument :
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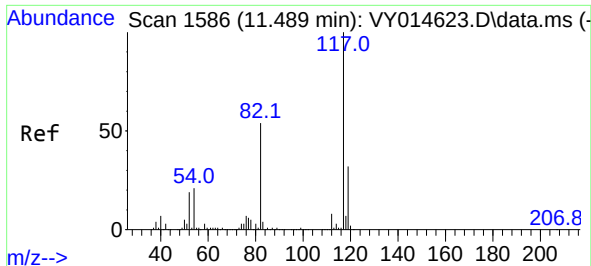
Tgt Ion: 98 Resp: 319563
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.457 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

Tgt Ion: 95 Resp: 119470
Ion Ratio Lower Upper
95 100
174 81.5 0.0 178.2
176 78.9 0.0 173.8

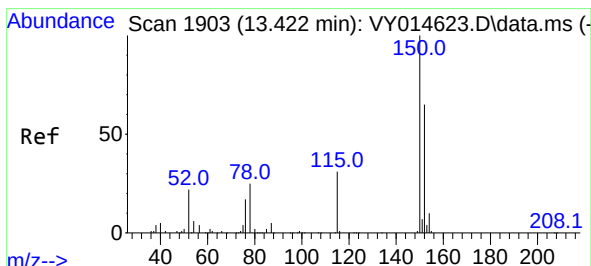
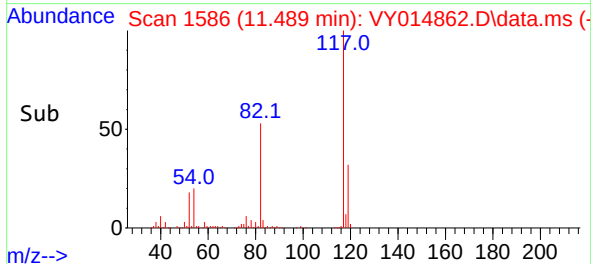
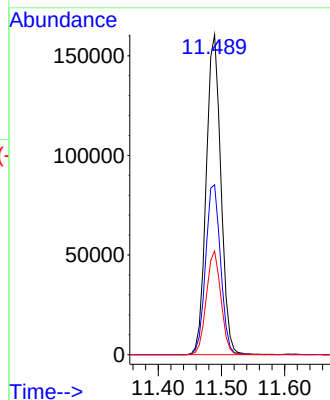
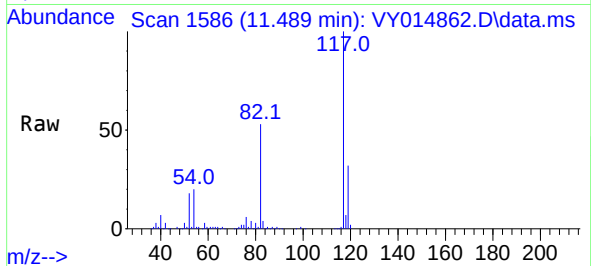




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014862.D
Acq: 26 Jul 2023 20:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-20-2-4-20230720

Tgt Ion:117 Resp: 259650
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.4 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: VY014862.D
Acq: 26 Jul 2023 20:12

Tgt Ion:152 Resp: 123828
Ion Ratio Lower Upper
152 100
115 59.8 28.8 86.5
150 157.3 0.0 348.8

