

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014863.D
 Acq On : 26 Jul 2023 20:36
 Operator : SY/MD
 Sample : 03686-07
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18-0-2-20230720

Quant Time: Jul 27 01:13:54 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	151955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	265763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97091	56.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.140%
35) Dibromofluoromethane	7.716	113	84947	50.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.420%
50) Toluene-d8	10.179	98	318925	51.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.477	95	116788	48.833	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.660%

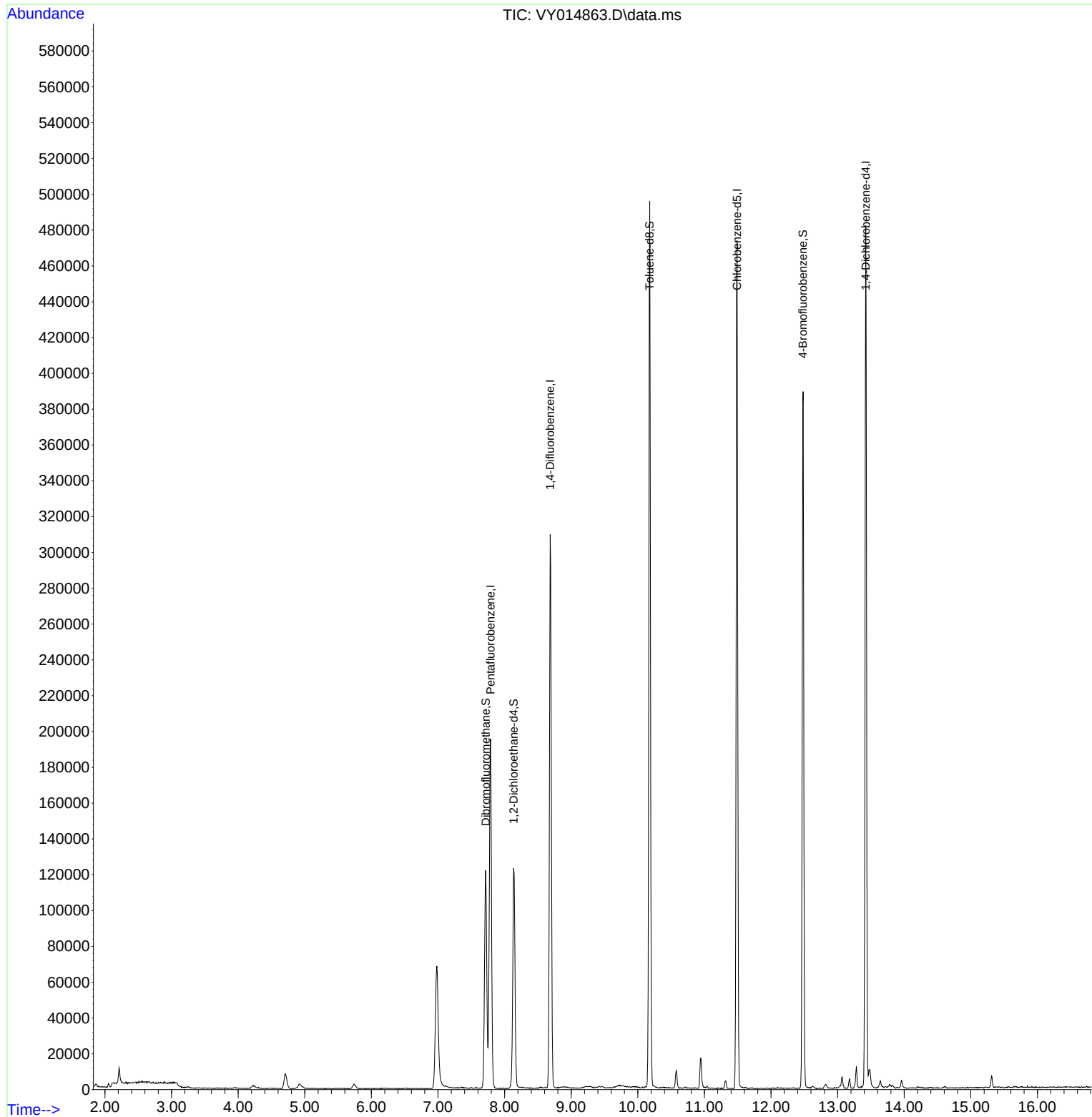
Target Compounds	Qvalue

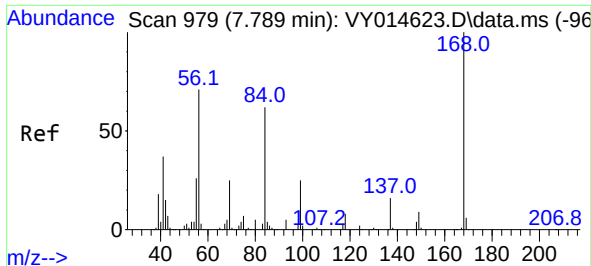
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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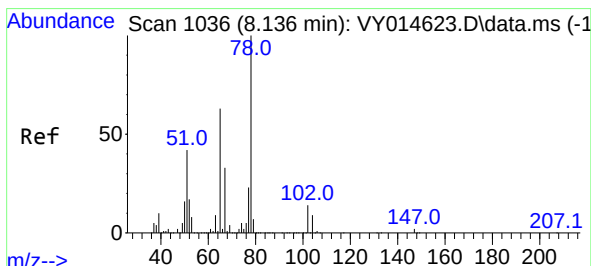
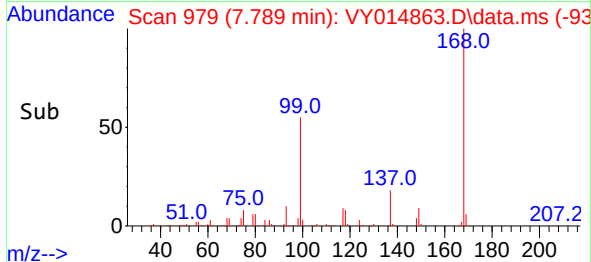
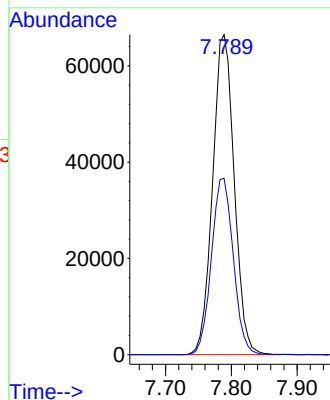
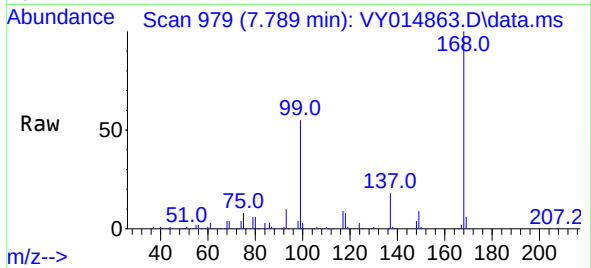




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36

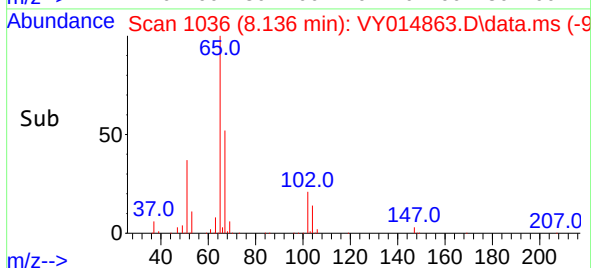
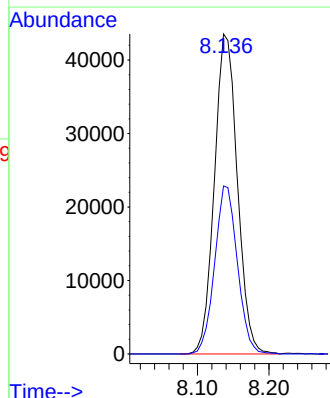
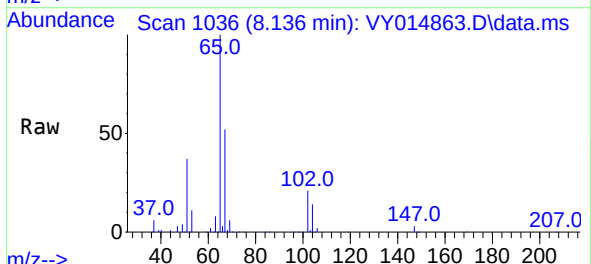
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-0-2-20230720

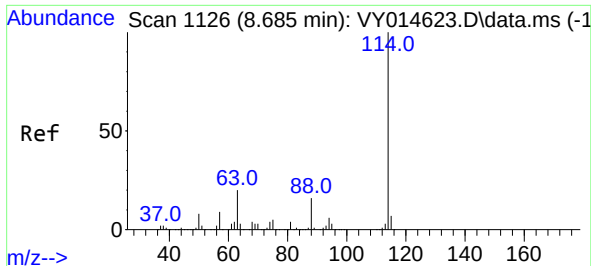
Tgt Ion:168 Resp: 151955
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.071 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36

Tgt Ion: 65 Resp: 97091
Ion Ratio Lower Upper
65 100
67 52.0 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: VY014863.D

Acq: 26 Jul 2023 20:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-18-0-2-20230720

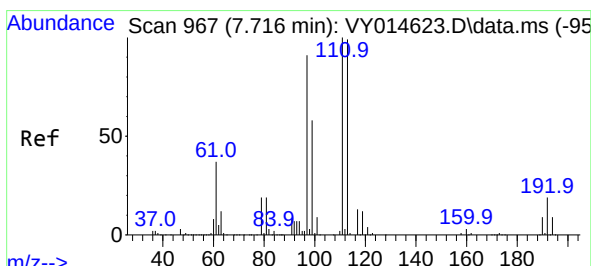
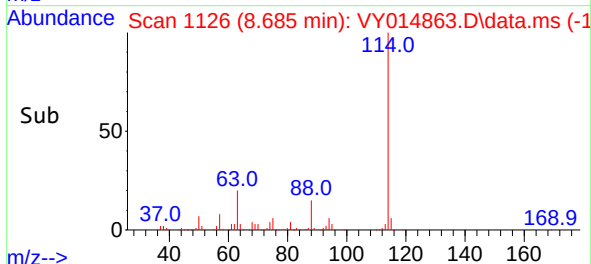
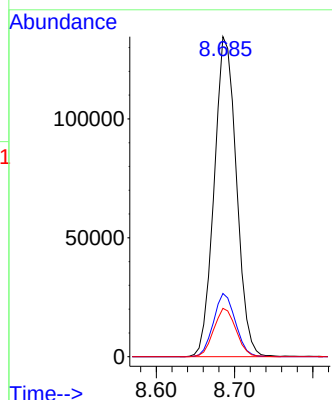
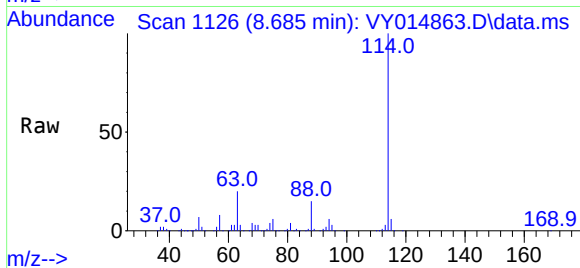
Tgt Ion:114 Resp: 265763

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.212 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014863.D

Acq: 26 Jul 2023 20:36

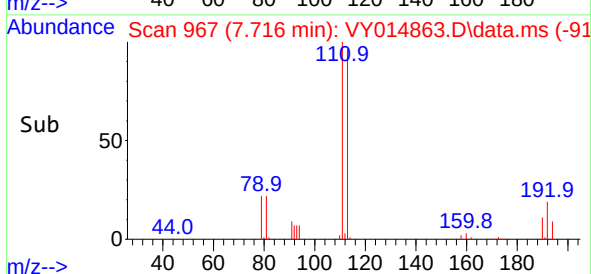
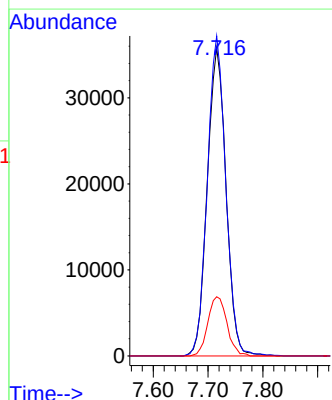
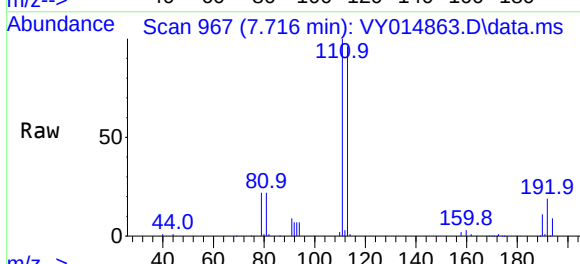
Tgt Ion:113 Resp: 84947

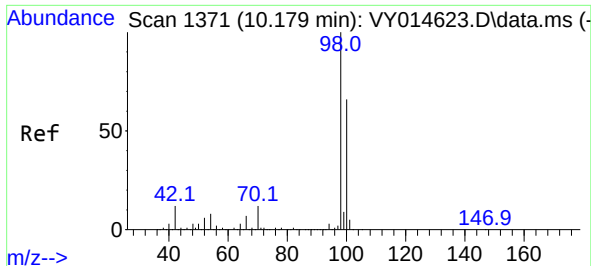
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.6 16.9 25.3

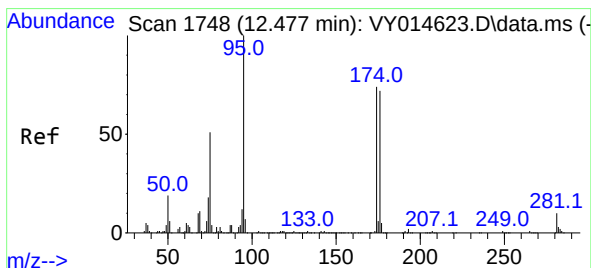
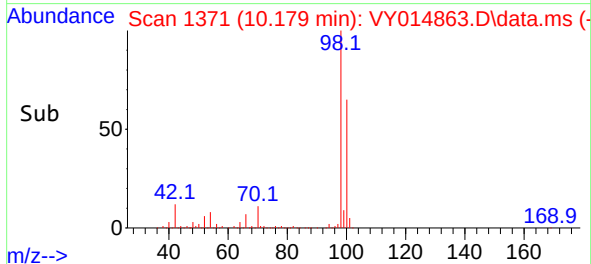
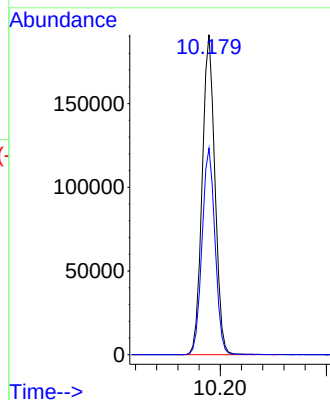
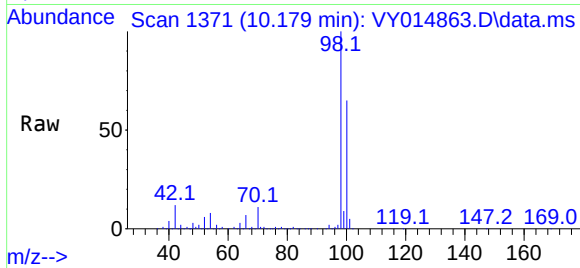




#50
Toluene-d8
Concen: 51.132 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36

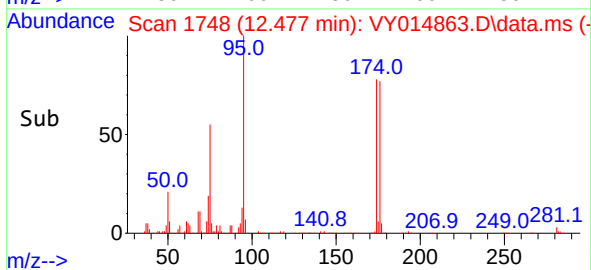
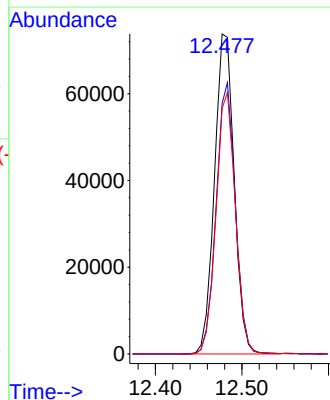
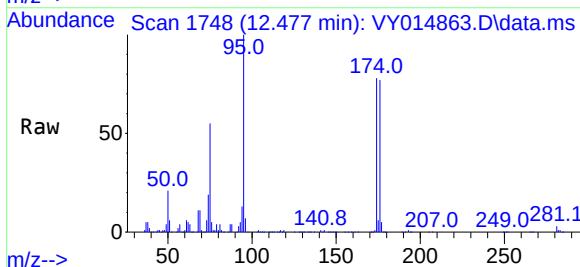
Instrument :
MSVOA_Y
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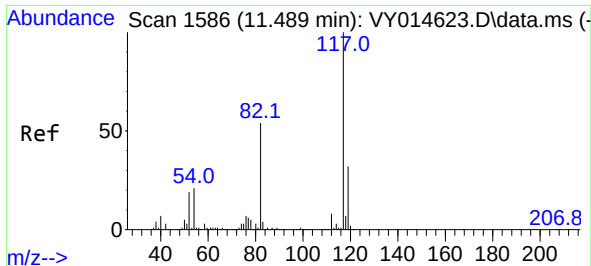
Tgt Ion: 98 Resp: 318925
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.833 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36

Tgt Ion: 95 Resp: 116788
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 80.0 0.0 173.8

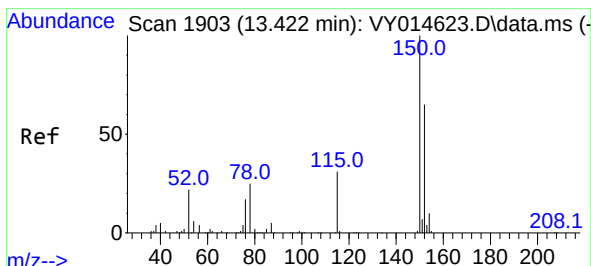
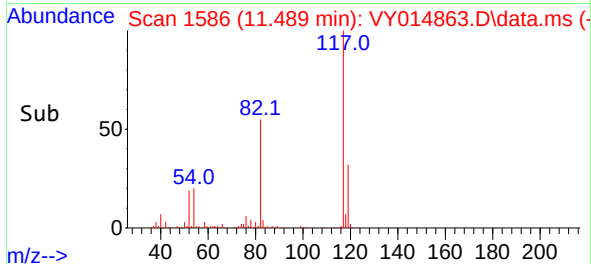
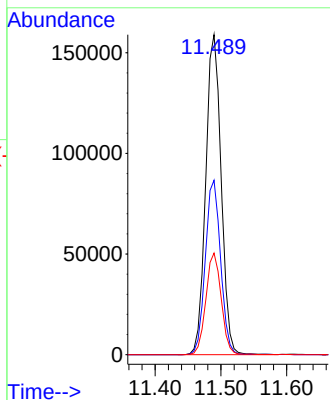
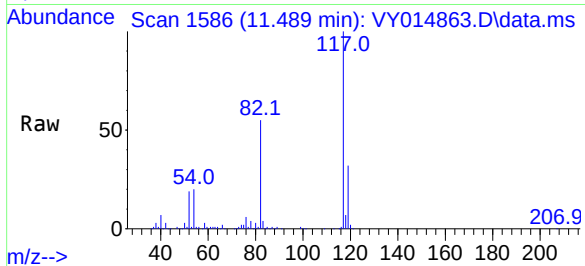




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014863.D
Acq: 26 Jul 2023 20:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-18-0-2-20230720

Tgt Ion:	117	Resp:	259770
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.0
119	31.7	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: VY014863.D
Acq: 26 Jul 2023 20:36

Tgt Ion:	152	Resp:	121835
Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.8	86.5
150	158.3	0.0	348.8

