

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014859.D
 Acq On : 26 Jul 2023 19:02
 Operator : SY/MD
 Sample : 03686-03
 Misc : 3.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-26-0-2-20230719

Quant Time: Jul 27 01:12:23 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	150117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	265258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	94348	55.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.300%
35) Dibromofluoromethane	7.710	113	84050	49.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.179	98	318416	51.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.300%
62) 4-Bromofluorobenzene	12.477	95	115485	48.380	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.760%

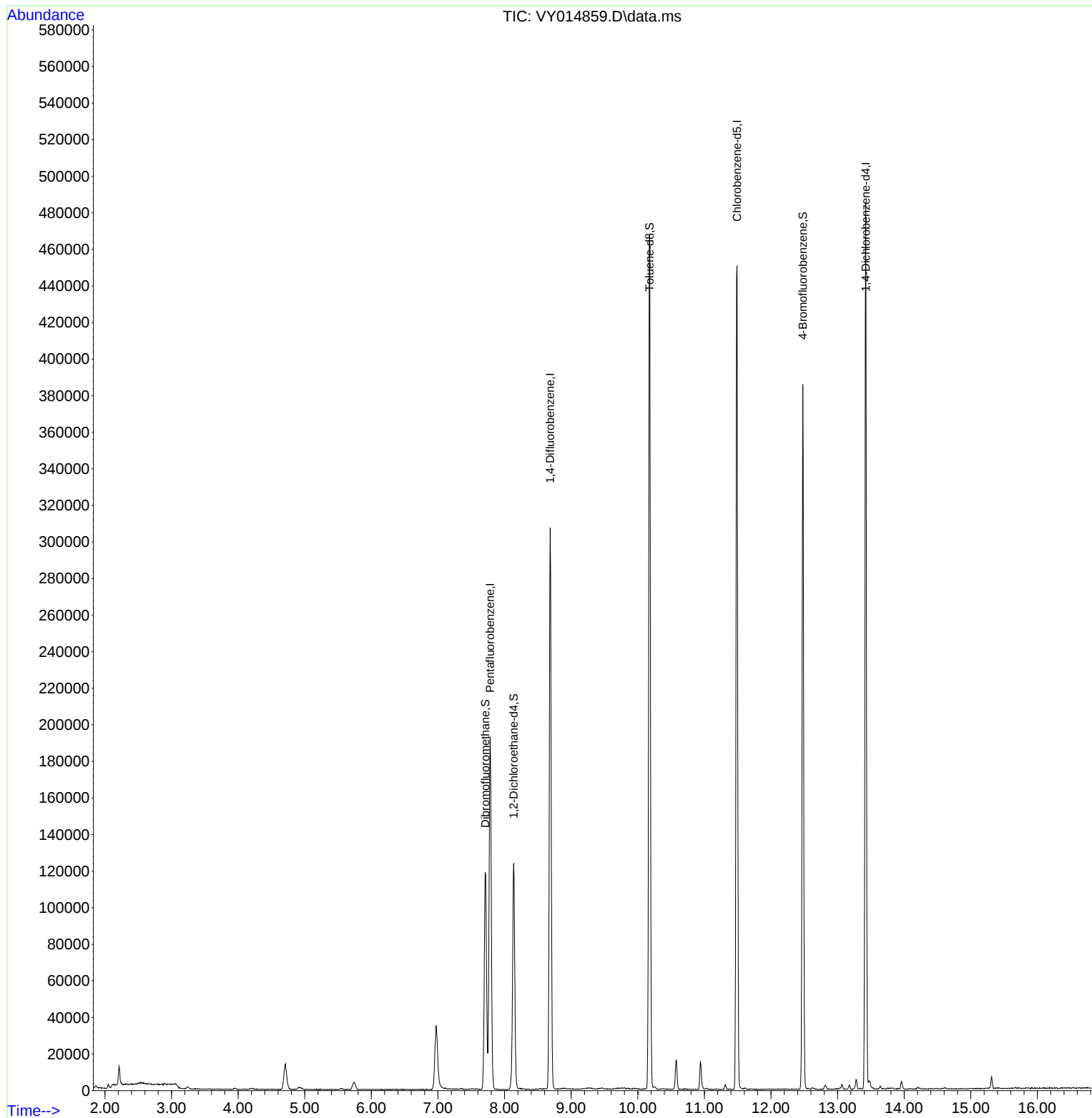
Target Compounds	Qvalue

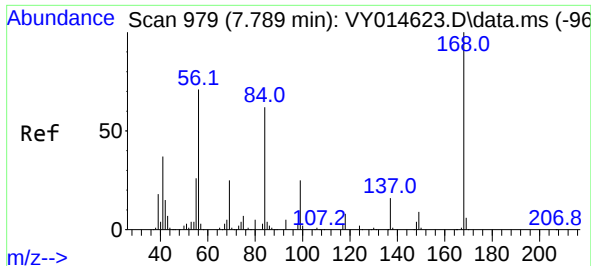
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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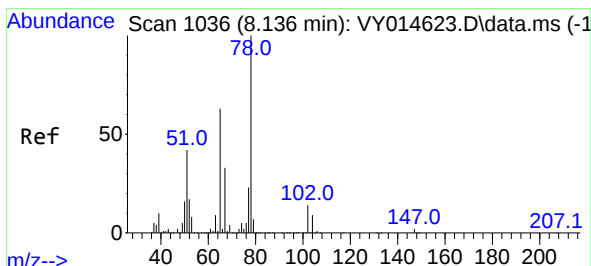
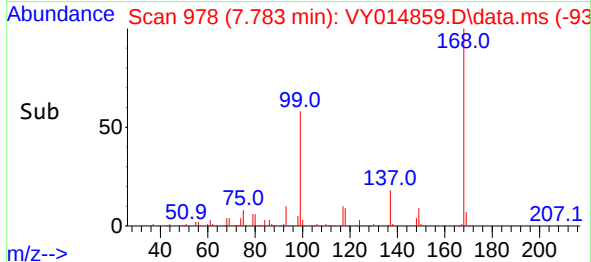
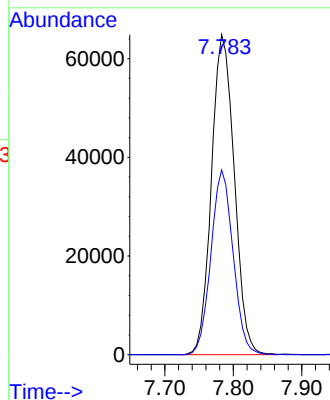
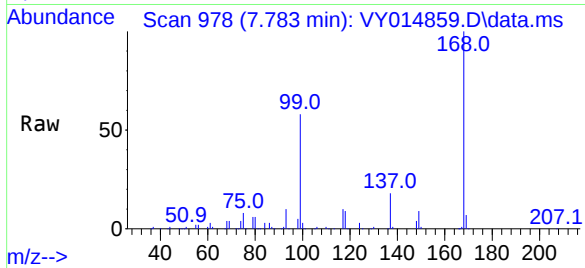




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014859.D
Acq: 26 Jul 2023 19:02

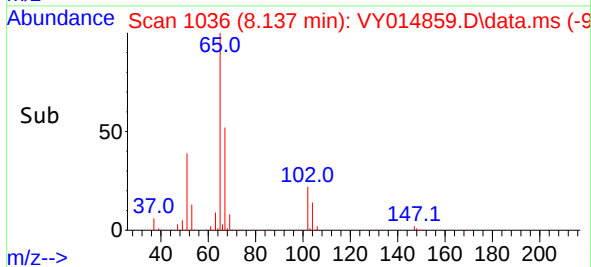
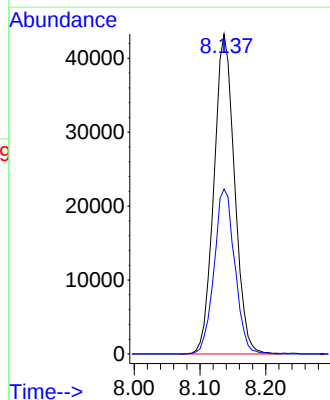
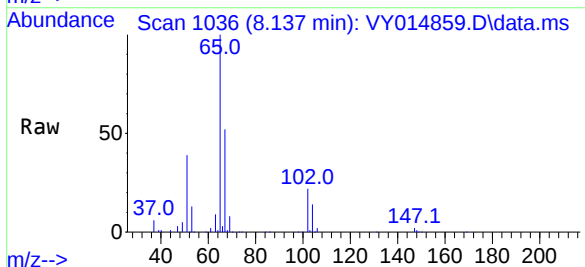
Instrument :
MSVOA_Y
ClientSampleId :
SB-26-0-2-20230719

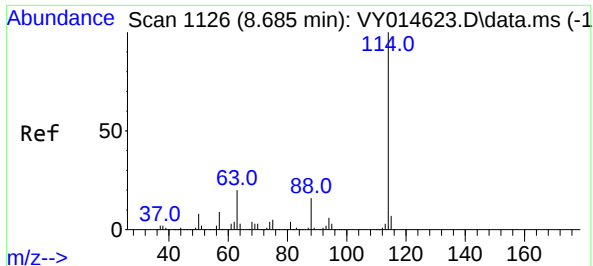
Tgt Ion:168 Resp: 150117
Ion Ratio Lower Upper
168 100
99 57.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.154 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014859.D
Acq: 26 Jul 2023 19:02

Tgt Ion: 65 Resp: 94348
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8



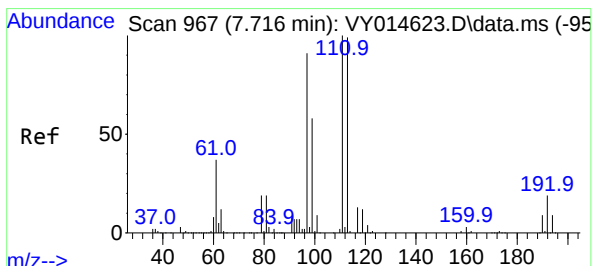
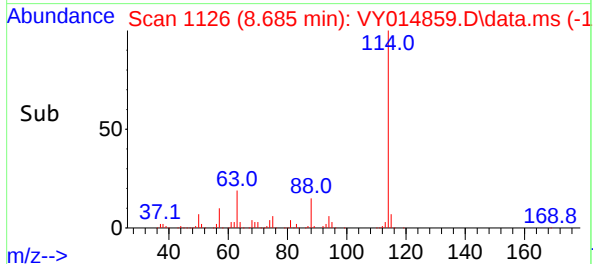
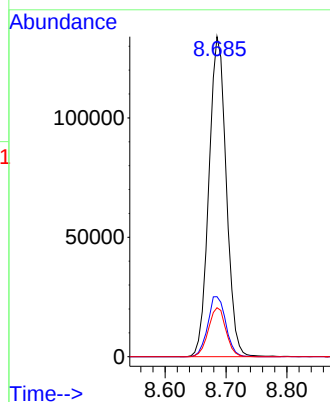
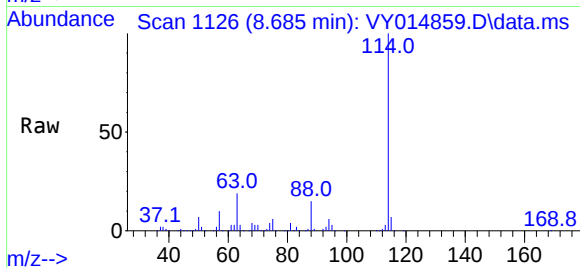


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014859.D
Acq: 26 Jul 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :
SB-26-0-2-20230719

Tgt Ion:114 Resp: 265258

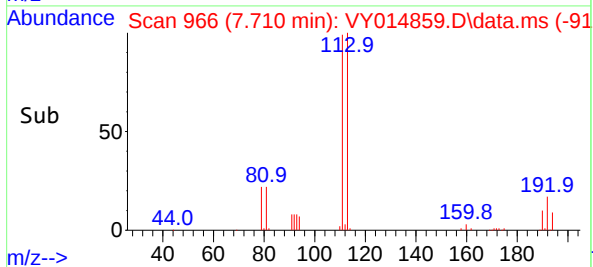
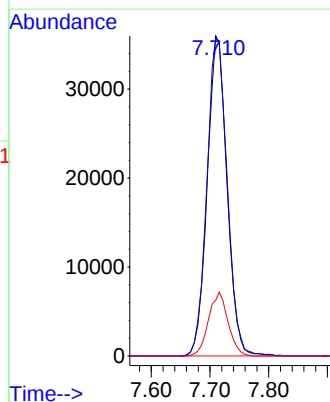
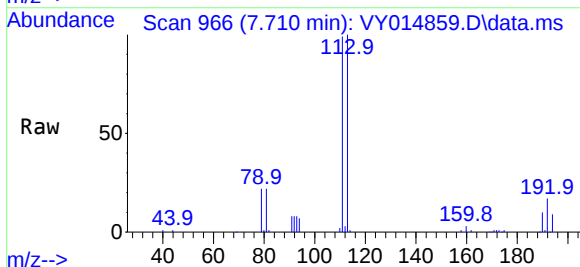
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.4
88	15.3	0.0	30.6

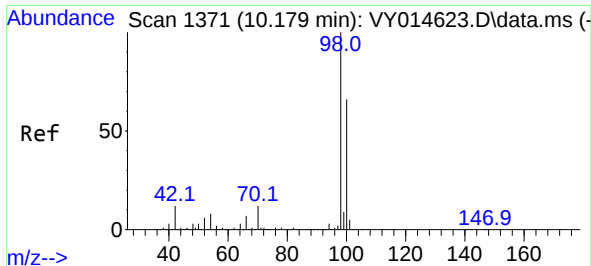


#35
Dibromofluoromethane
Concen: 49.776 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014859.D
Acq: 26 Jul 2023 19:02

Tgt Ion:113 Resp: 84050

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	19.7	16.9	25.3

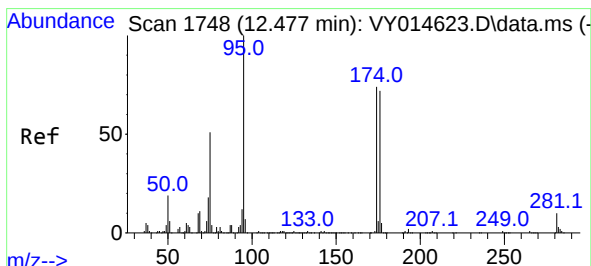
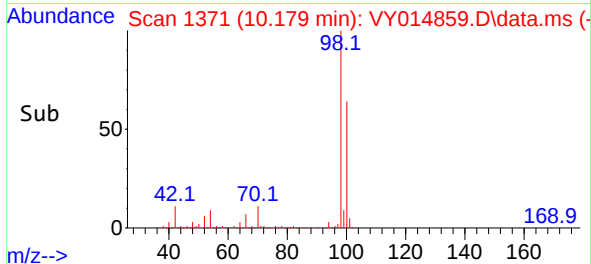
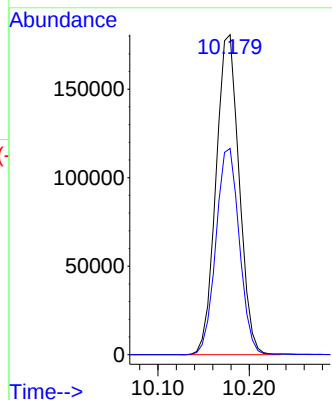
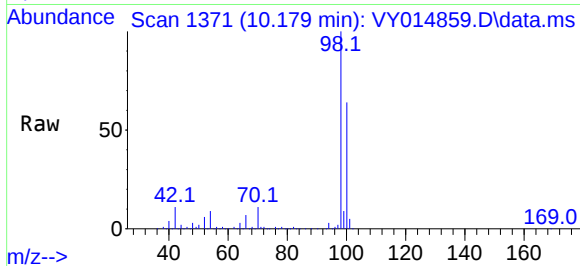




#50
Toluene-d8
Concen: 51.148 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014859.D
Acq: 26 Jul 2023 19:02

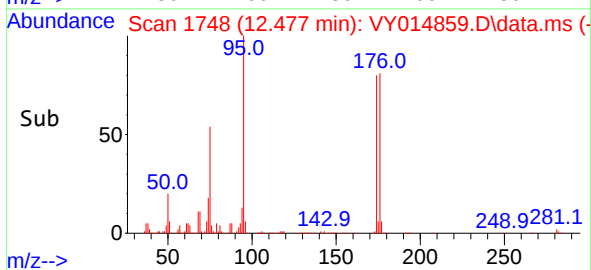
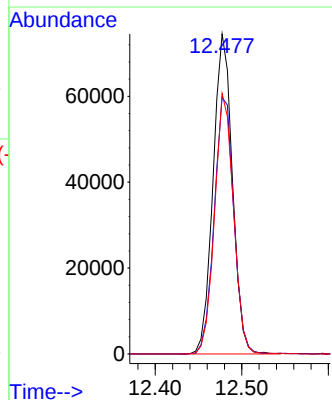
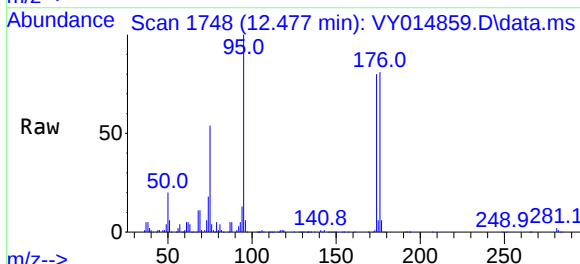
Instrument :
MSVOA_Y
ClientSampleId :
SB-26-0-2-20230719

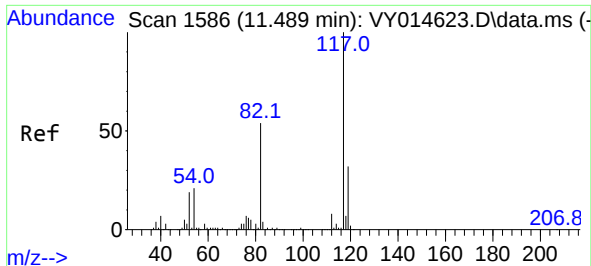
Tgt Ion: 98 Resp: 318416
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.380 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014859.D
Acq: 26 Jul 2023 19:02

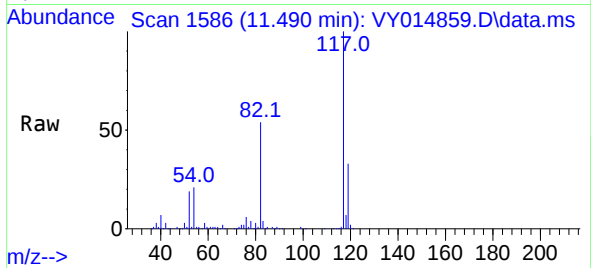
Tgt Ion: 95 Resp: 115485
Ion Ratio Lower Upper
95 100
174 81.2 0.0 178.2
176 79.7 0.0 173.8



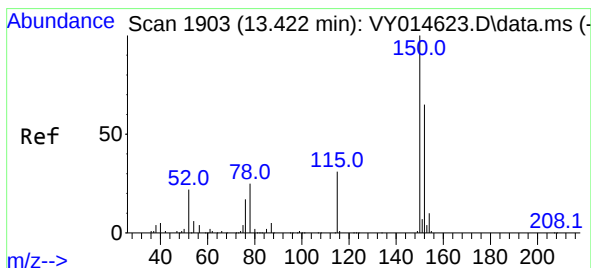
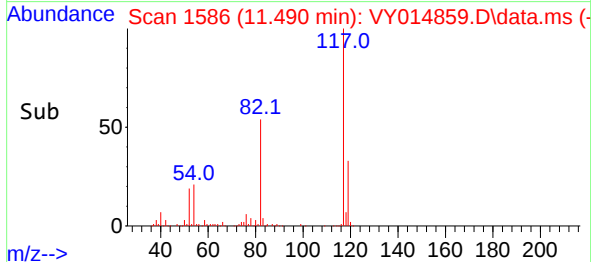
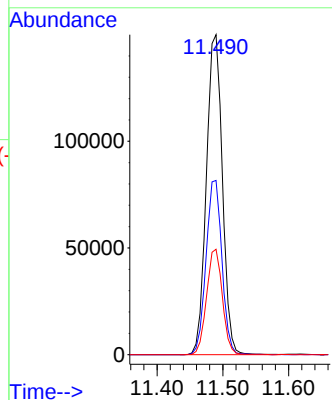


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014859.D
Acq: 26 Jul 2023 19:02

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Tgt Ion:117 Resp: 254066
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.9 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: VY014859.D
Acq: 26 Jul 2023 19:02

Tgt Ion:152 Resp: 119275
Ion Ratio Lower Upper
152 100
115 59.8 28.8 86.5
150 158.5 0.0 348.8

