

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014857.D
 Acq On : 26 Jul 2023 18:15
 Operator : SY/MD
 Sample : 03686-01
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-21-0-2-20230719

Quant Time: Jul 27 01:11:40 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	154208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122050	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97547	55.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.710	113	85011	49.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%
50) Toluene-d8	10.179	98	321667	50.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.477	95	118371	48.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.280%

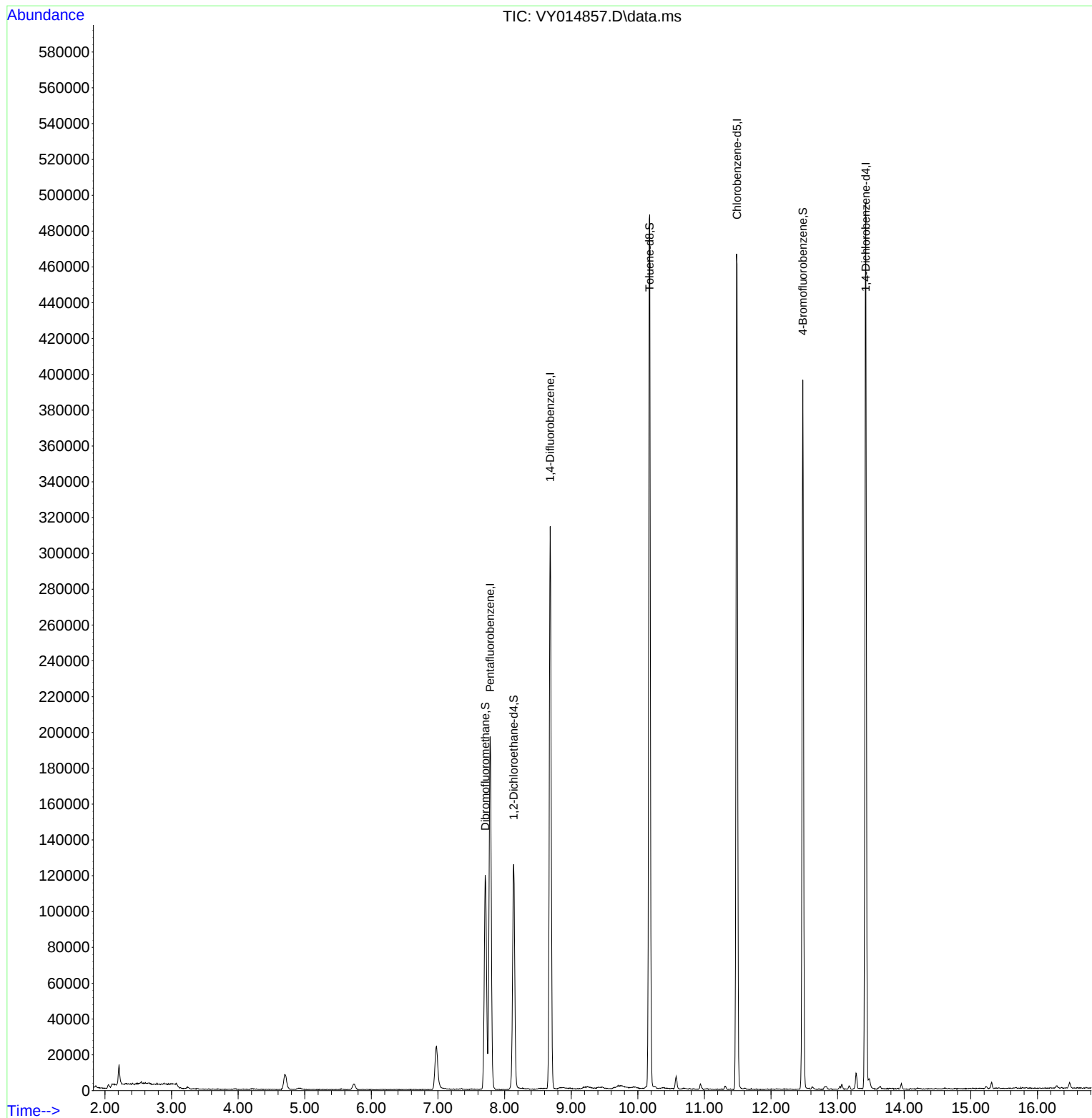
Target Compounds	Qvalue

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

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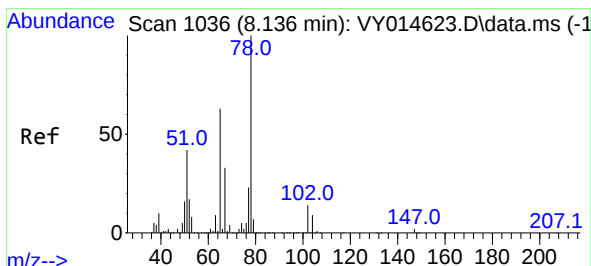
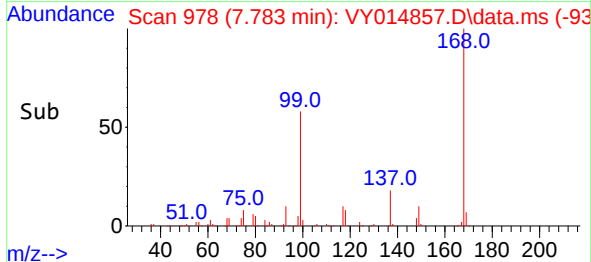
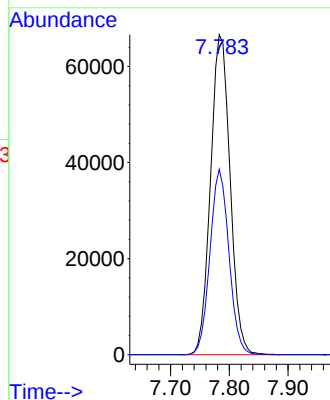
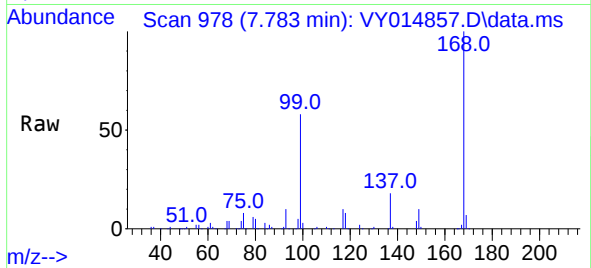




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

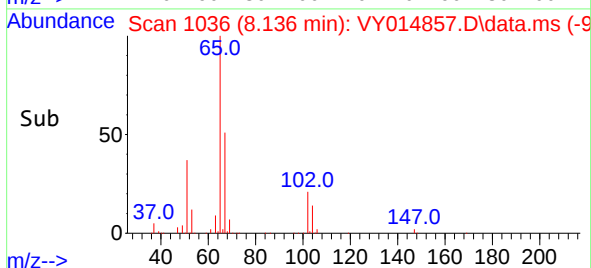
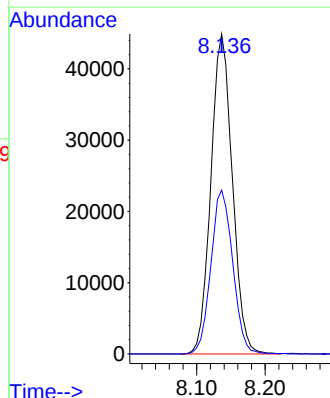
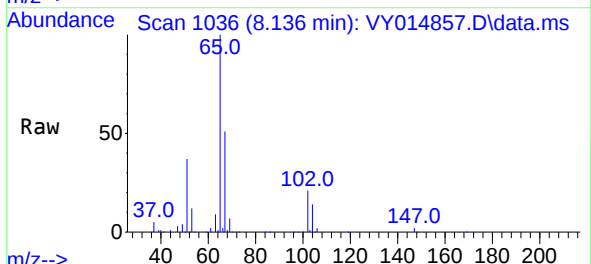
Instrument :
MSVOA_Y
ClientSampleId :
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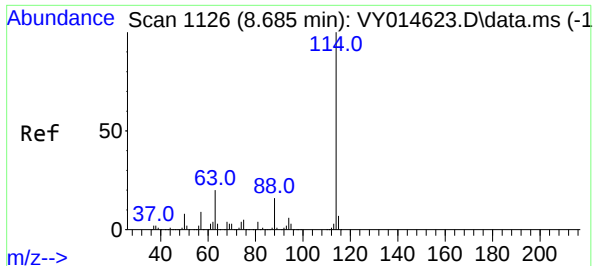
Tgt Ion:168 Resp: 154208
Ion Ratio Lower Upper
168 100
99 58.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.511 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

Tgt Ion: 65 Resp: 97547
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: VY014857.D

Acq: 26 Jul 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-21-0-2-20230719

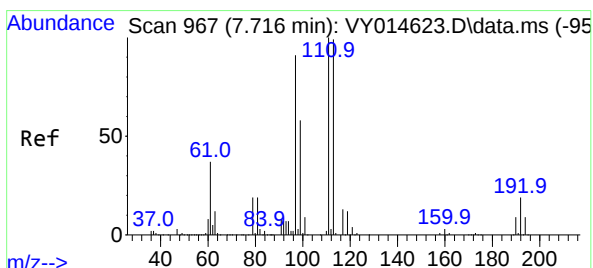
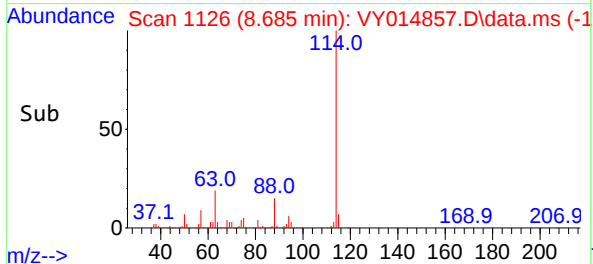
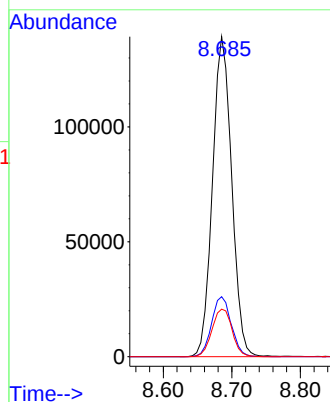
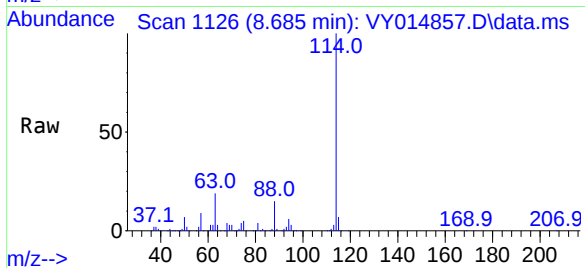
Tgt Ion:114 Resp: 270435

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.381 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014857.D

Acq: 26 Jul 2023 18:15

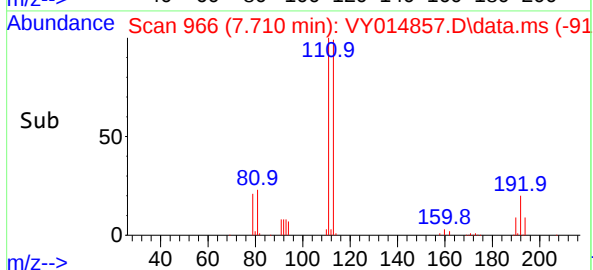
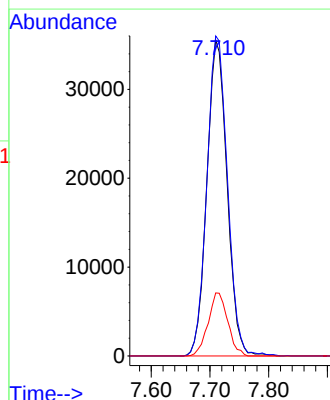
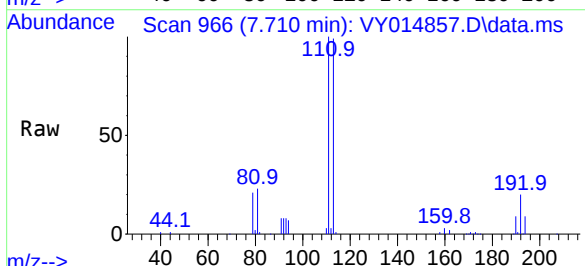
Tgt Ion:113 Resp: 85011

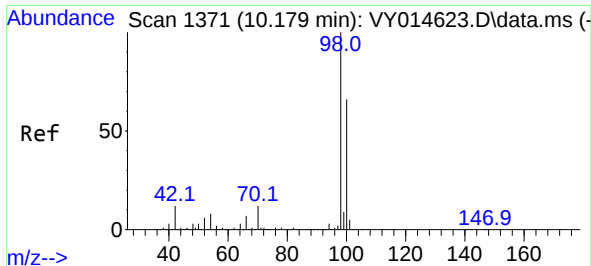
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 19.3 16.9 25.3

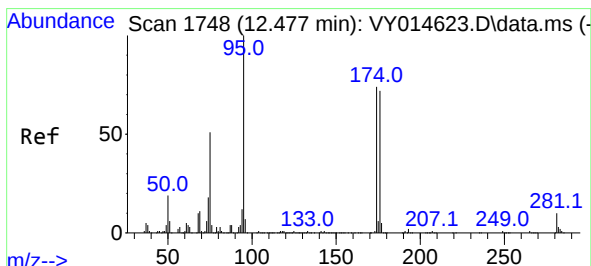
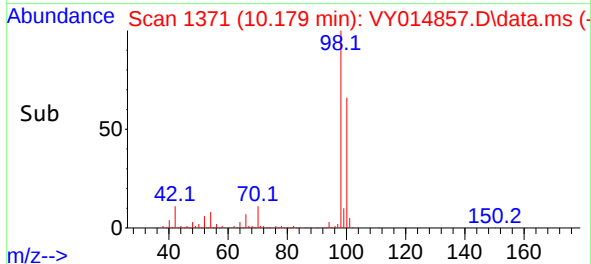
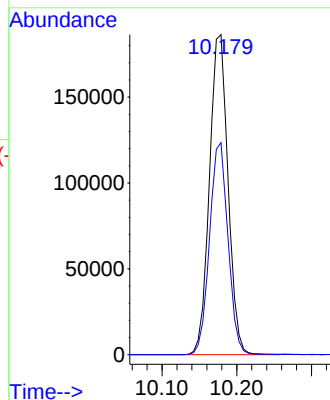
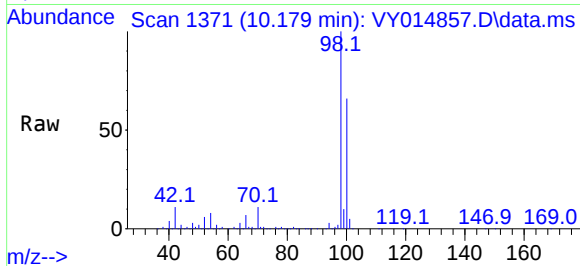




#50
Toluene-d8
Concen: 50.681 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

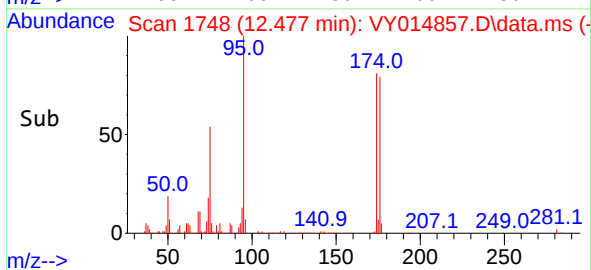
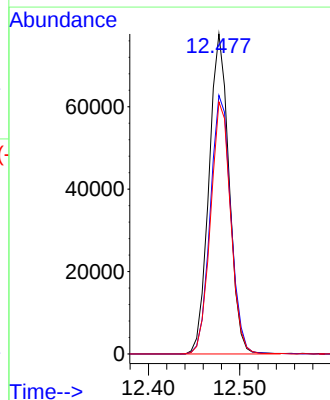
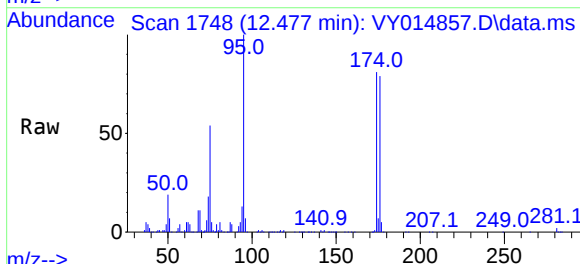
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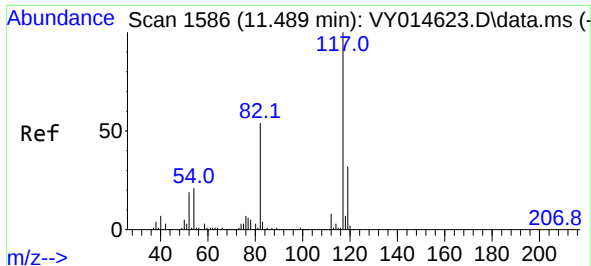
Tgt Ion: 98 Resp: 321667
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.639 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

Tgt Ion: 95 Resp: 118371
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 78.7 0.0 173.8

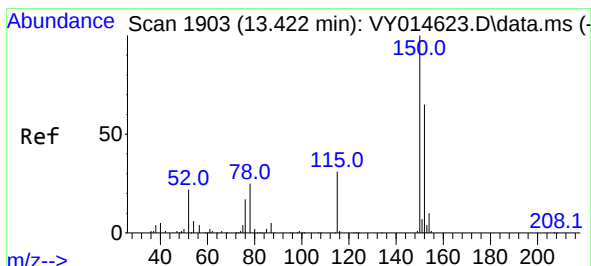
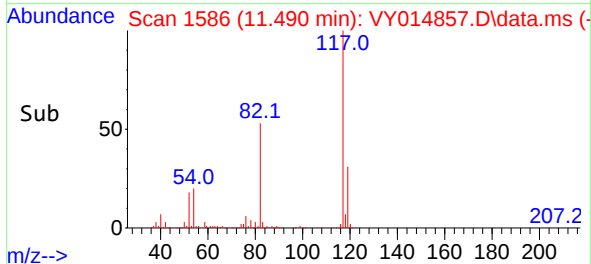
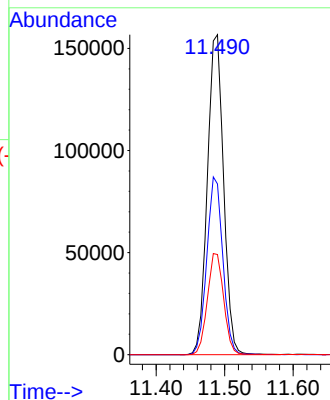
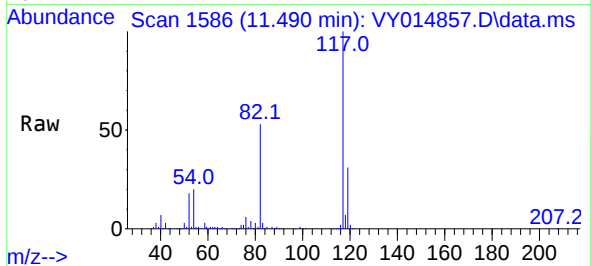




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014857.D
Acq: 26 Jul 2023 18:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-0-2-20230719

Tgt Ion:117 Resp: 257860
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.3 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: VY014857.D
Acq: 26 Jul 2023 18:15

Tgt Ion:152 Resp: 122050
Ion Ratio Lower Upper
152 100
115 60.2 28.8 86.5
150 159.8 0.0 348.8

