

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014692.D
 Acq On : 18 Jul 2023 11:24
 Operator : SY/MD
 Sample : 03600-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-3-071223

Quant Time: Jul 19 04:01:34 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	211198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	368084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126623	52.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.220%
35) Dibromofluoromethane	7.709	113	117057	49.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.178	98	435273	50.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.477	95	163611	49.394	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.780%

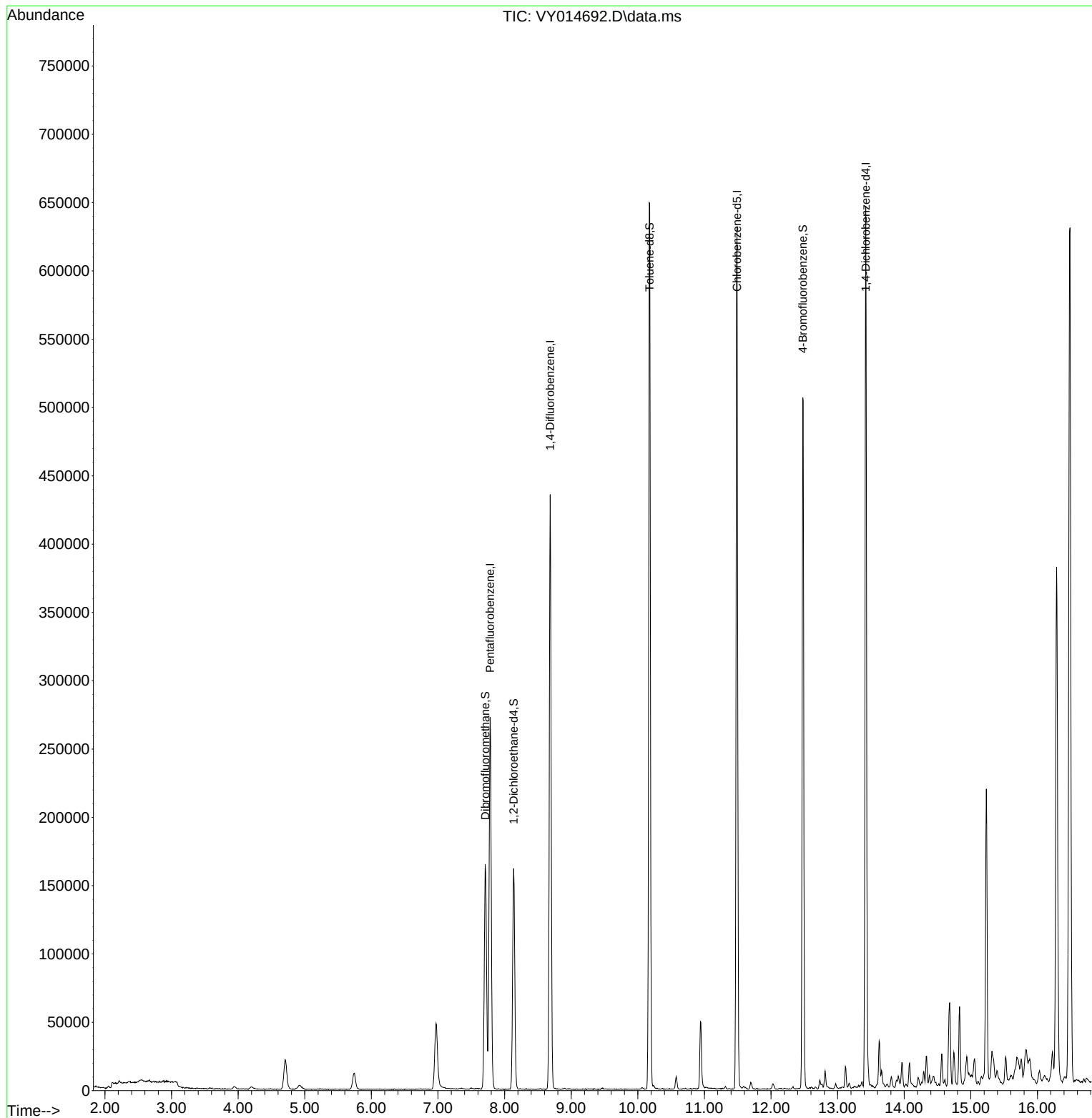
Target Compounds	Qvalue

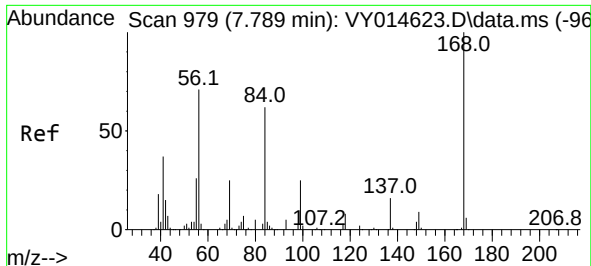
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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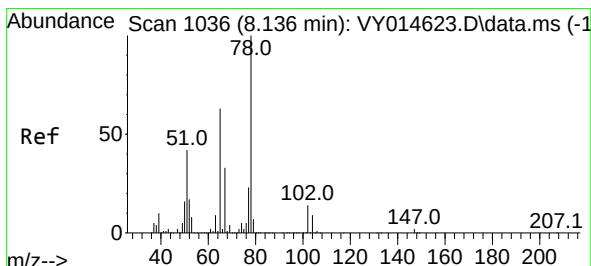
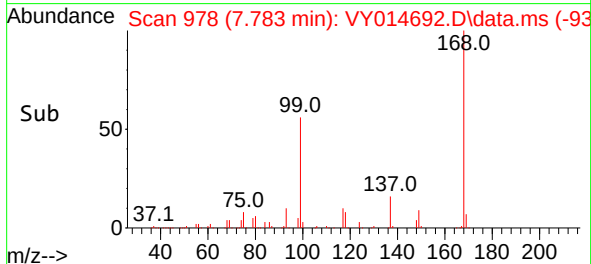
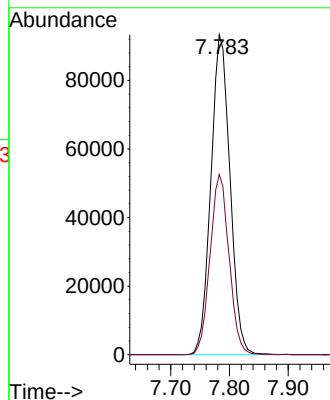
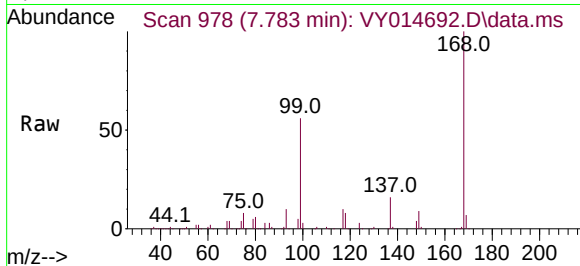




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014692.D
Acq: 18 Jul 2023 11:24

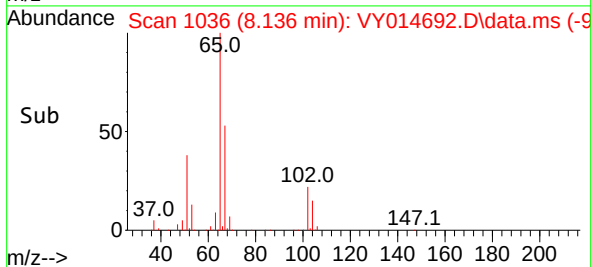
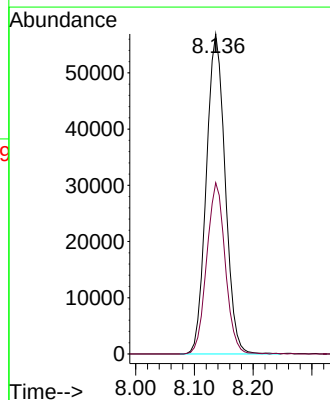
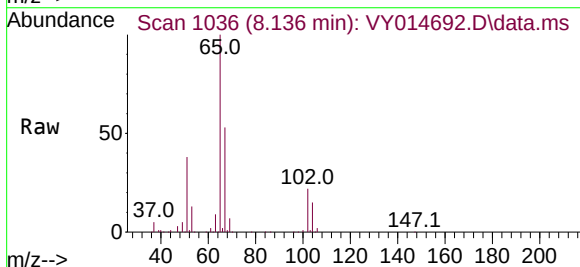
Instrument :
MSVOA_Y
ClientSampleId :
SU-3-071223

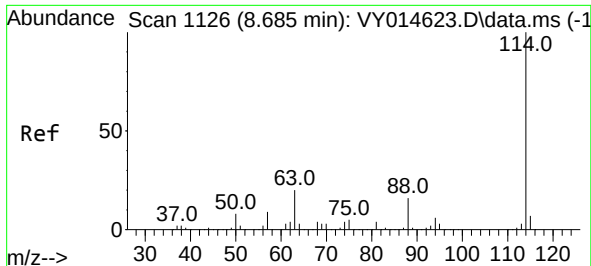
Tgt Ion:168 Resp: 211198
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.613 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014692.D
Acq: 18 Jul 2023 11:24

Tgt Ion: 65 Resp: 126623
Ion Ratio Lower Upper
65 100
67 52.5 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: VY014692.D

Acq: 18 Jul 2023 11:24

Instrument :

MSVOA_Y

ClientSampleId :

SU-3-071223

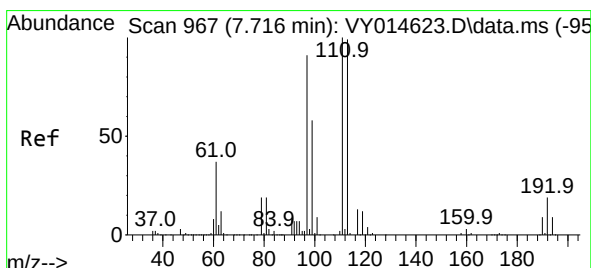
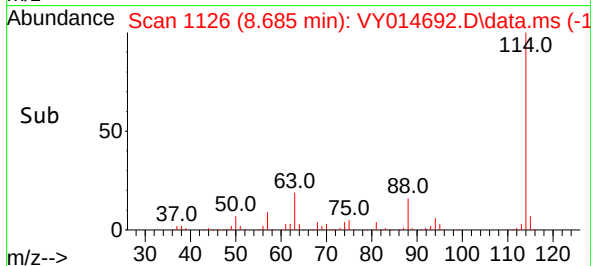
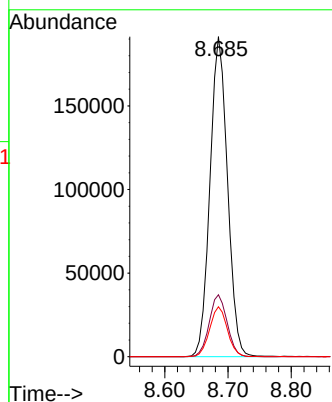
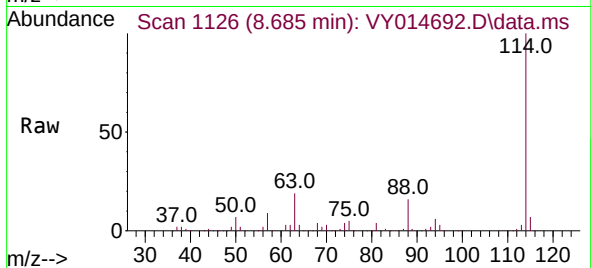
Tgt Ion:114 Resp: 368084

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.957 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY014692.D

Acq: 18 Jul 2023 11:24

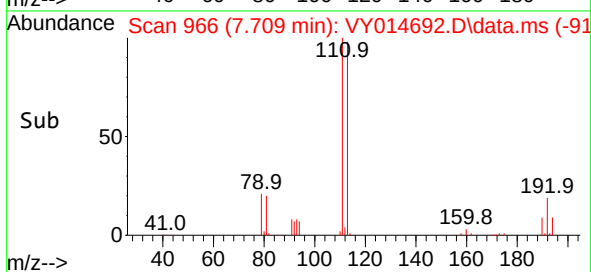
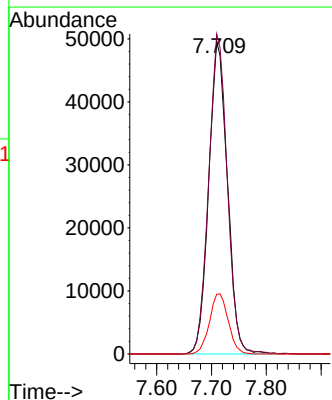
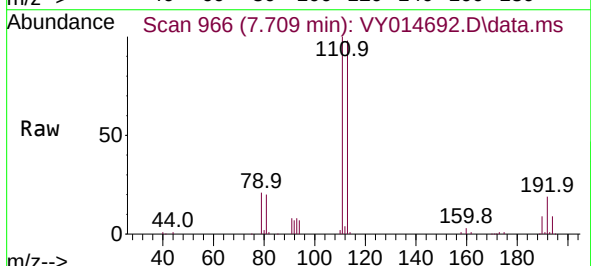
Tgt Ion:113 Resp: 117057

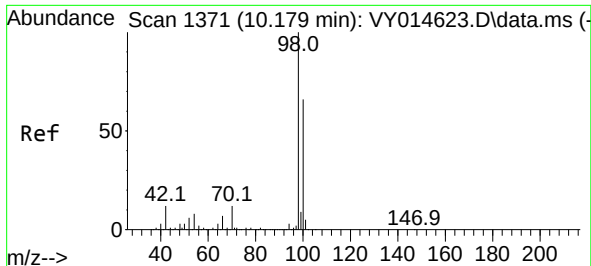
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

192 19.3 16.9 25.3

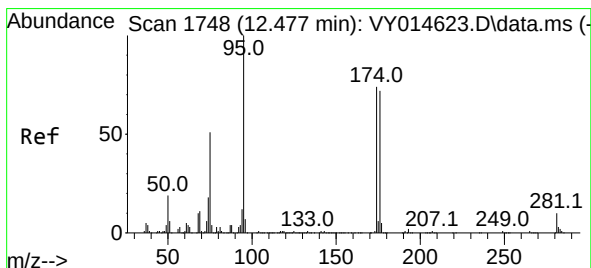
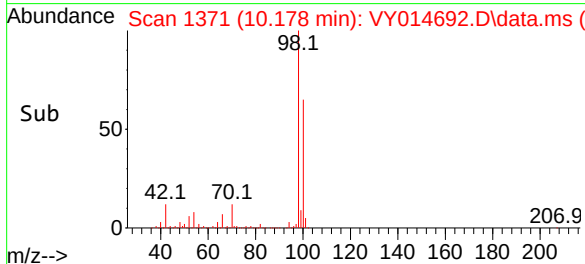
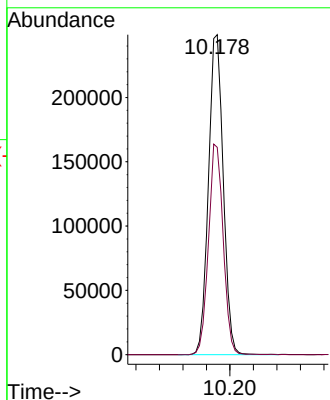
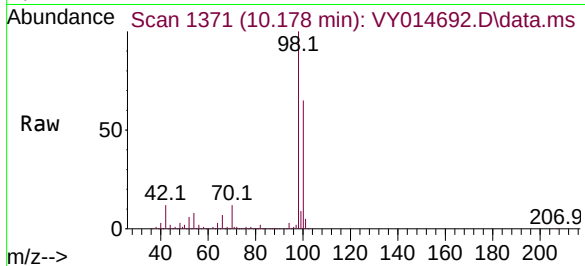




#50
Toluene-d8
Concen: 50.387 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY014692.D
Acq: 18 Jul 2023 11:24

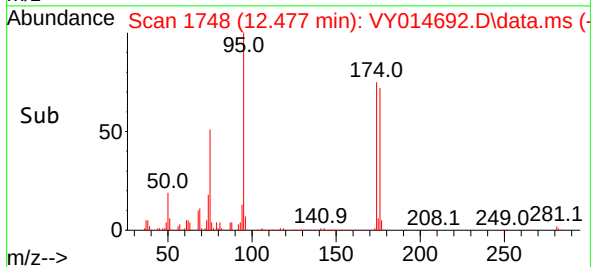
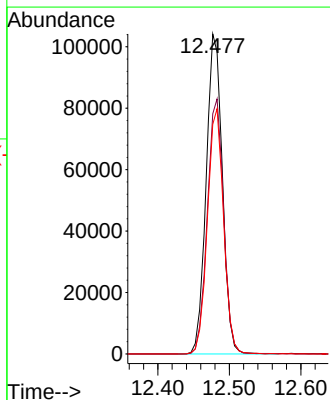
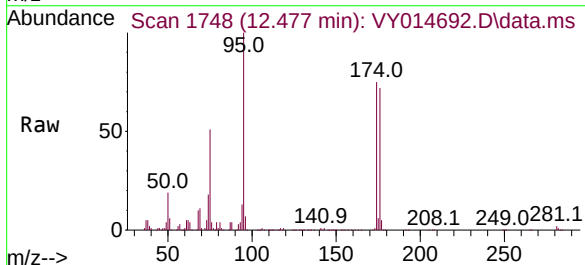
Instrument :
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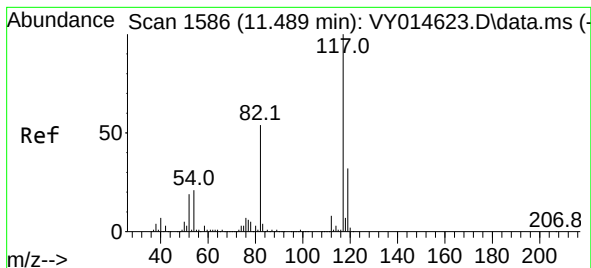
Tgt Ion: 98 Resp: 435273
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.394 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014692.D
Acq: 18 Jul 2023 11:24

Tgt Ion: 95 Resp: 163611
Ion Ratio Lower Upper
95 100
174 80.4 0.0 178.2
176 76.4 0.0 173.8

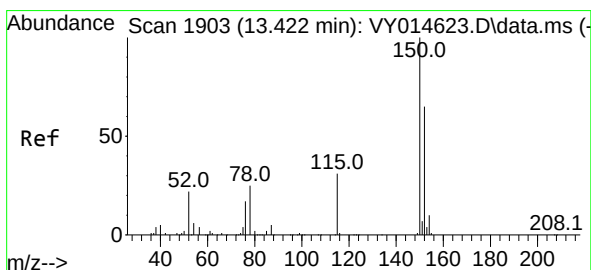
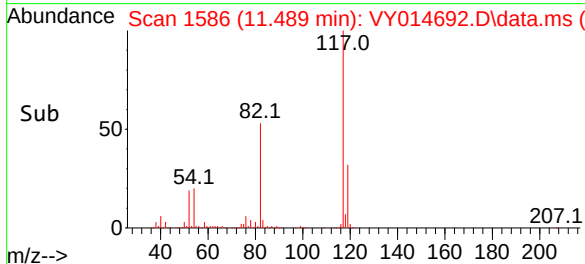
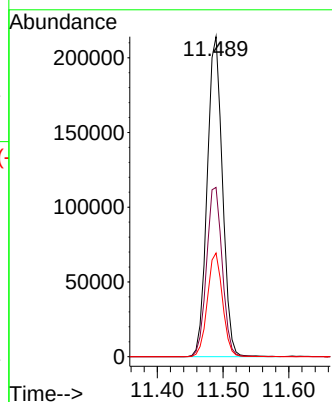
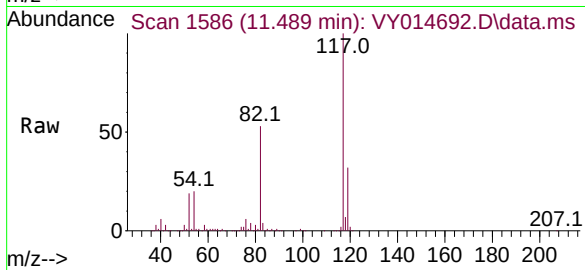




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY014692.D
Acq: 18 Jul 2023 11:24

Instrument :
MSVOA_Y
ClientSampleId :
SU-3-071223

Tgt Ion:117 Resp: 345297
Ion Ratio Lower Upper
117 100
82 52.9 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: VY014692.D
Acq: 18 Jul 2023 11:24

Tgt Ion:152 Resp: 162810
Ion Ratio Lower Upper
152 100
115 59.9 28.8 86.5
150 158.2 0.0 348.8

