

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014842.D
 Acq On : 26 Jul 2023 12:03
 Operator : SY/MD
 Sample : VY0726SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBL01

Quant Time: Jul 26 13:44:05 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	168841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	281936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106029	55.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.220%
35) Dibromofluoromethane	7.716	113	93623	49.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.179	98	354833	50.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.477	95	129518	48.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.980%

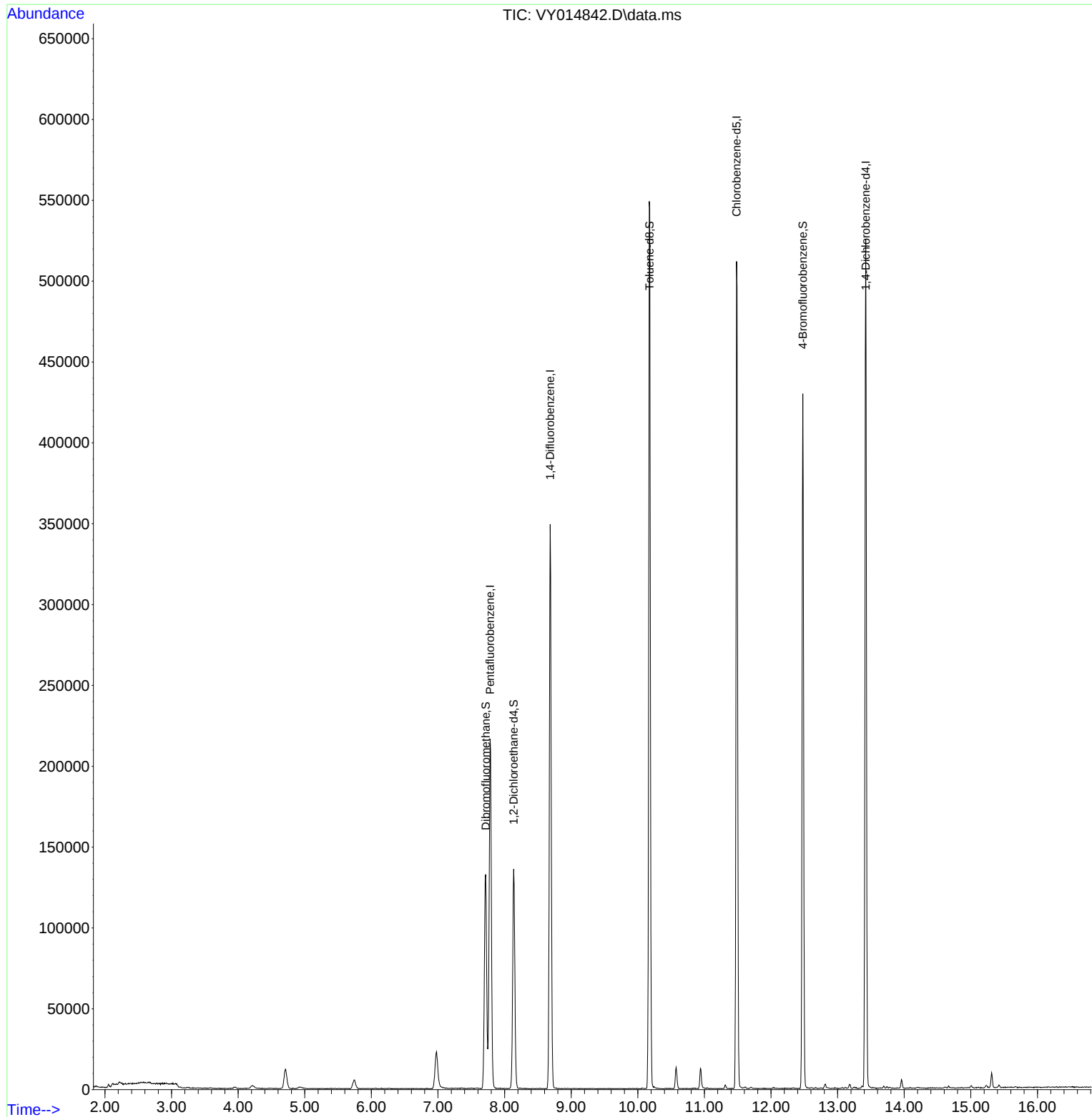
Target Compounds	Qvalue

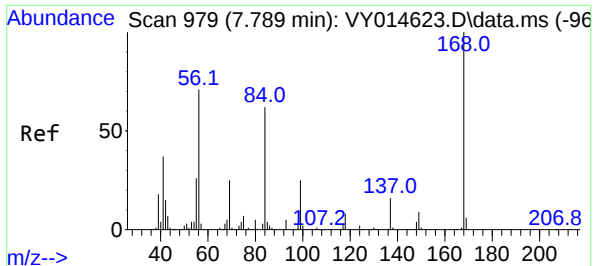
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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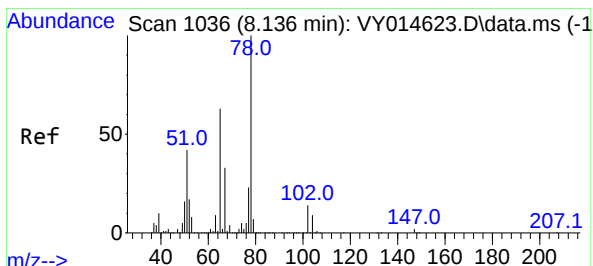
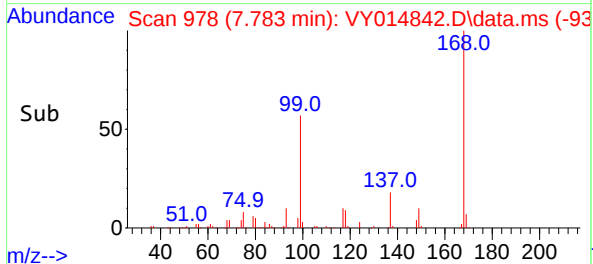
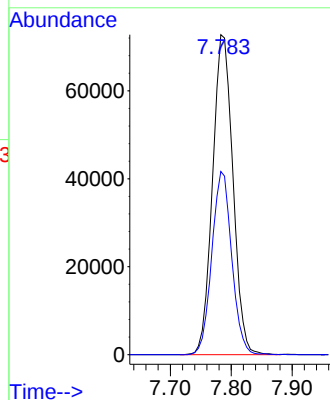
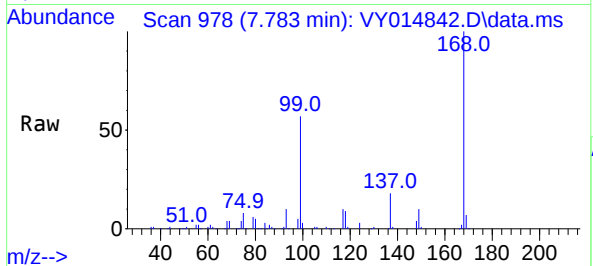




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

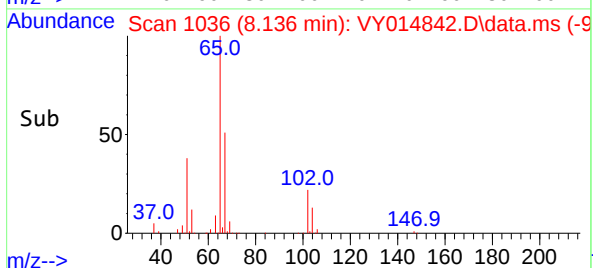
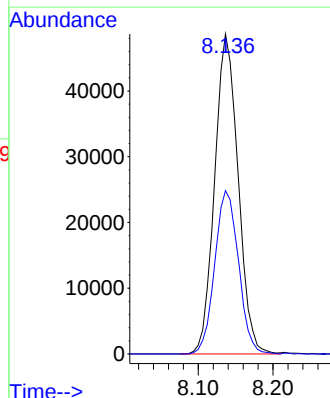
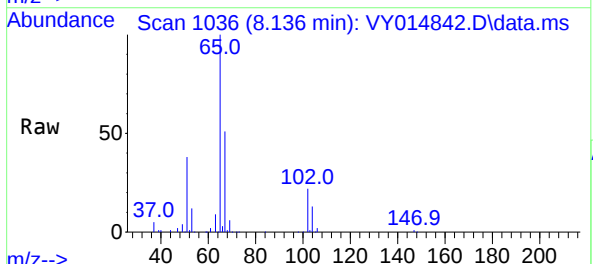
Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

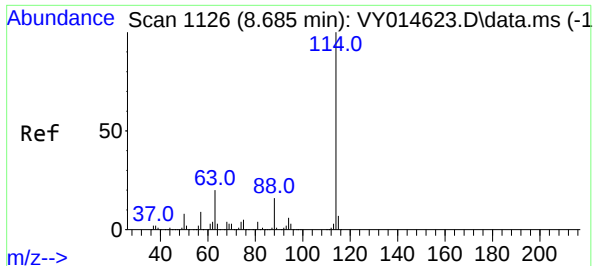
Tgt Ion:168 Resp: 168841
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.108 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

Tgt Ion: 65 Resp: 106029
Ion Ratio Lower Upper
65 100
67 51.7 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: VY014842.D

Acq: 26 Jul 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0726SBL01

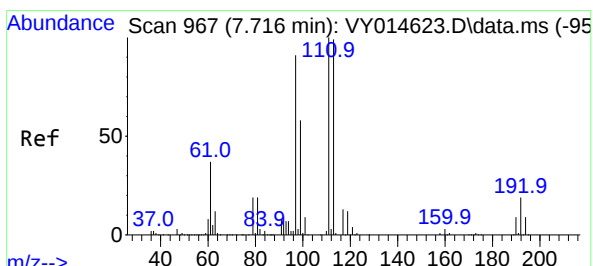
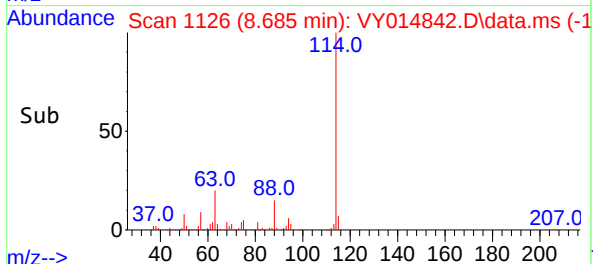
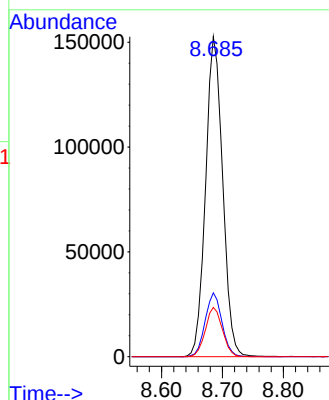
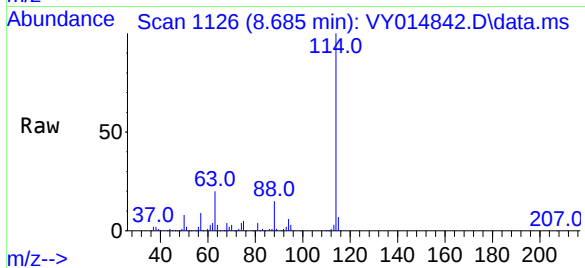
Tgt Ion:114 Resp: 296801

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.553 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014842.D

Acq: 26 Jul 2023 12:03

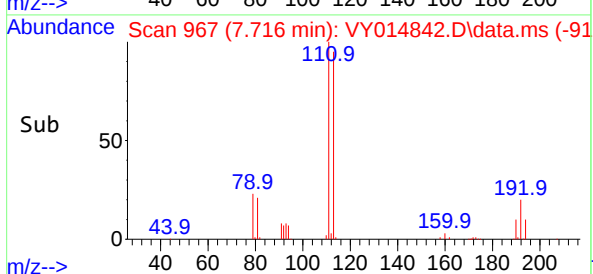
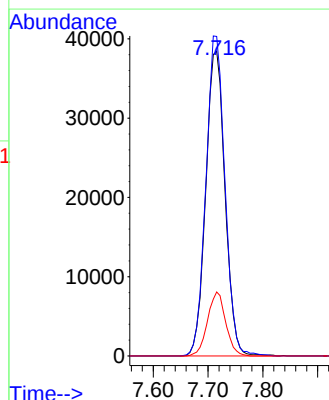
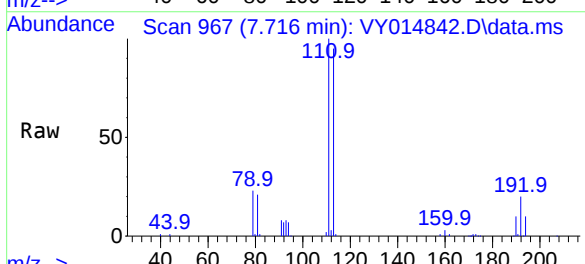
Tgt Ion:113 Resp: 93623

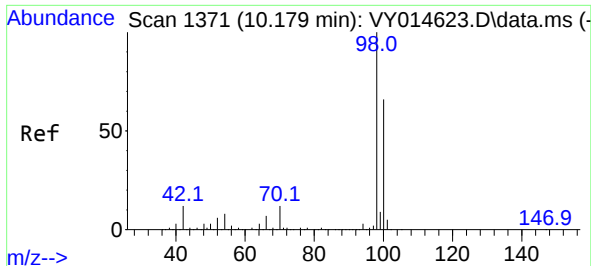
Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 19.8 16.9 25.3

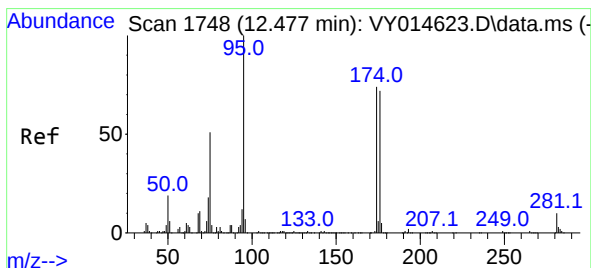
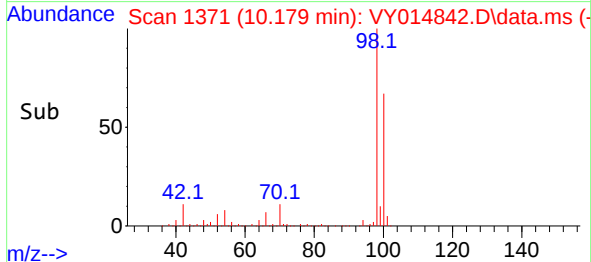
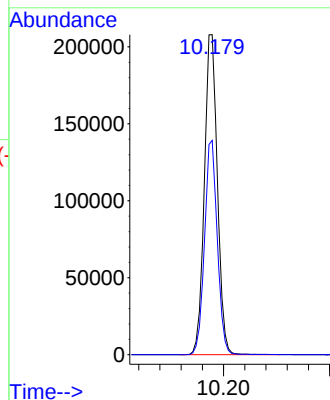
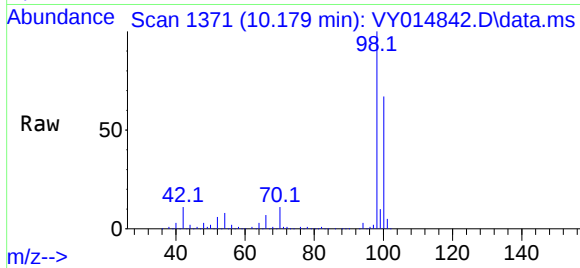




#50
Toluene-d8
Concen: 50.940 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

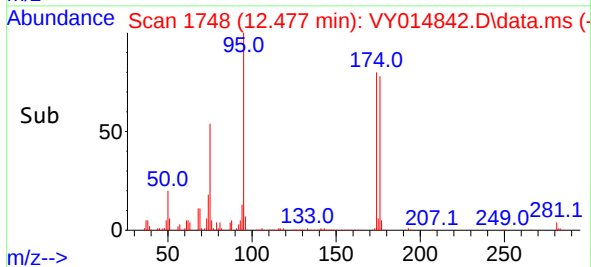
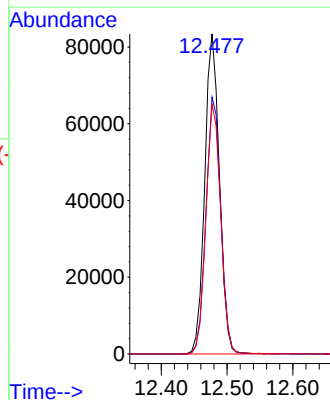
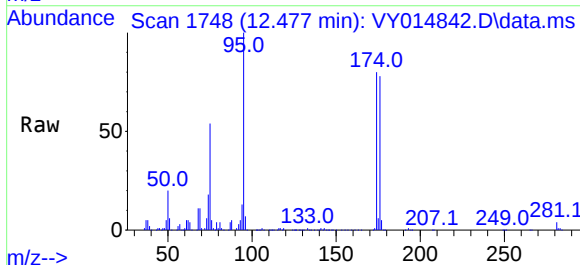
Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

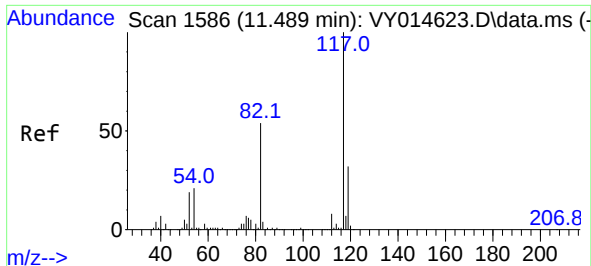
Tgt Ion: 98 Resp: 354833
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.492 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

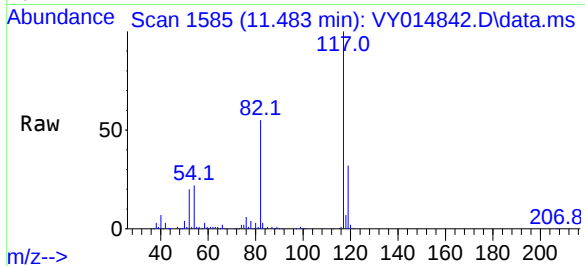
Tgt Ion: 95 Resp: 129518
Ion Ratio Lower Upper
95 100
174 81.0 0.0 178.2
176 78.5 0.0 173.8



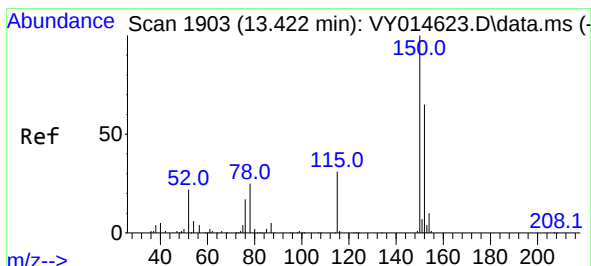
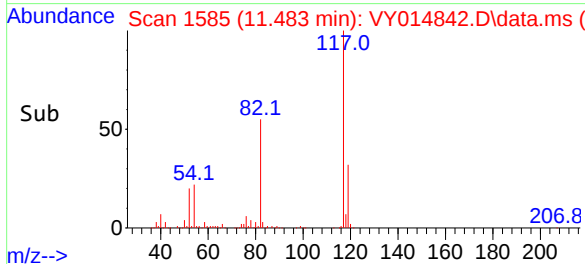
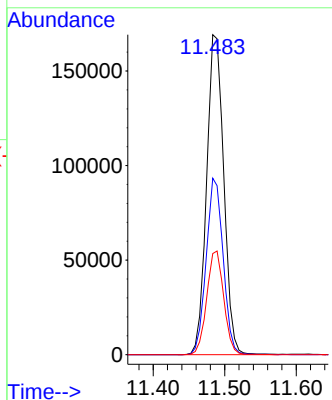


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014842.D
Acq: 26 Jul 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01



Tgt Ion:117 Resp: 281936
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 31.6 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: VY014842.D
Acq: 26 Jul 2023 12:03

Tgt Ion:152 Resp: 132264
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 157.0 0.0 348.8

