

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015350.D
 Acq On : 25 Aug 2023 18:14
 Operator : SY/MD
 Sample : 04183-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-082523

Quant Time: Aug 25 23:46:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	38418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	58099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	46051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19486	42.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.500%
35) Dibromofluoromethane	7.716	113	17670	47.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.540%
50) Toluene-d8	10.179	98	63450	45.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.200%
62) 4-Bromofluorobenzene	12.483	95	18084	35.584	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.160%

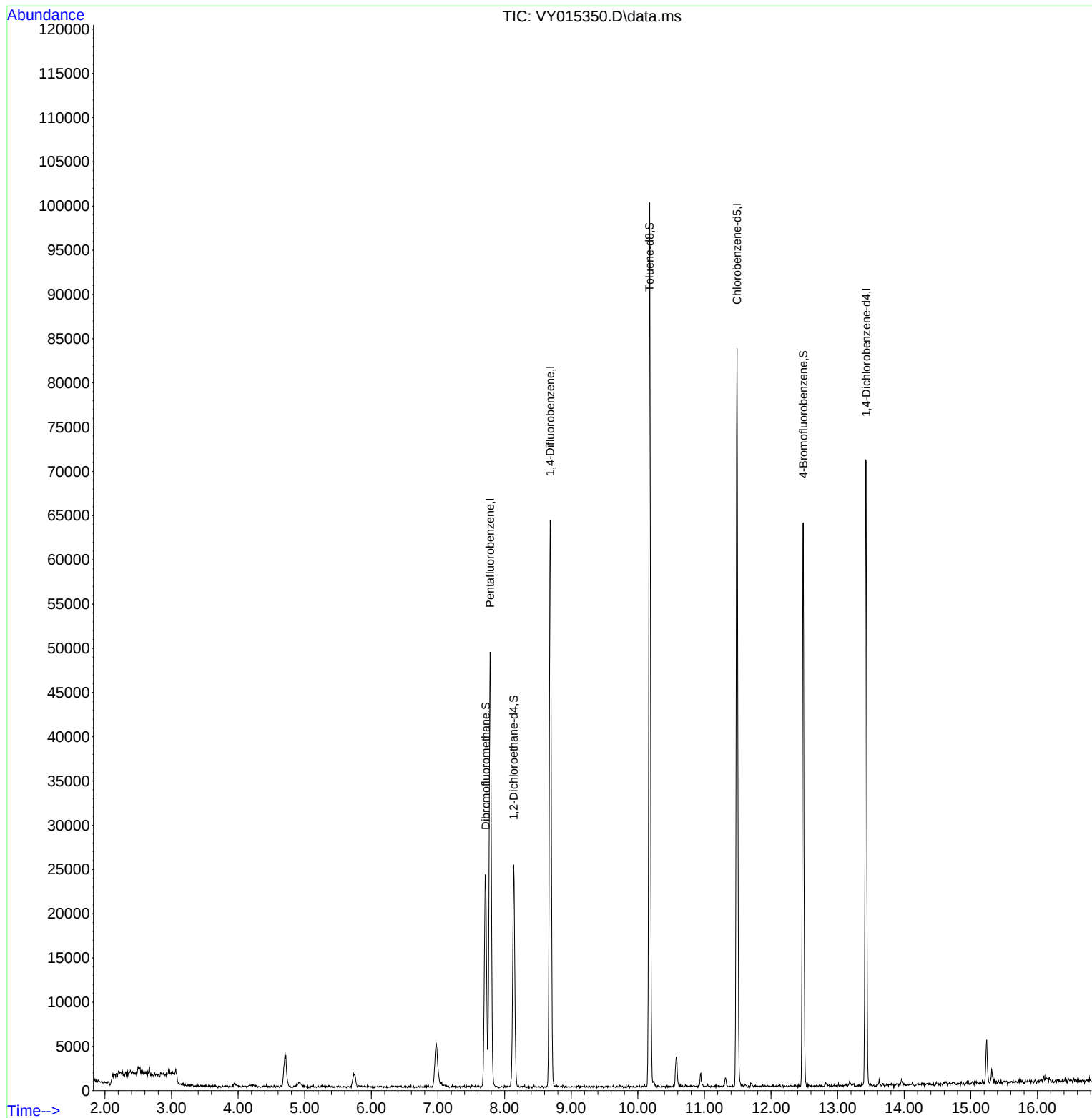
Target Compounds	Qvalue

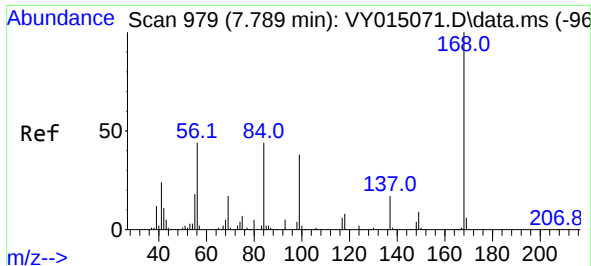
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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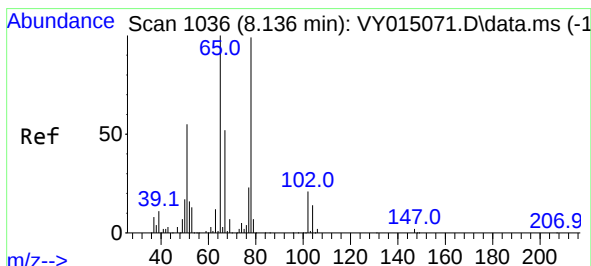
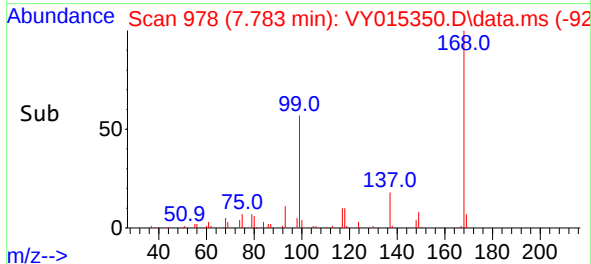
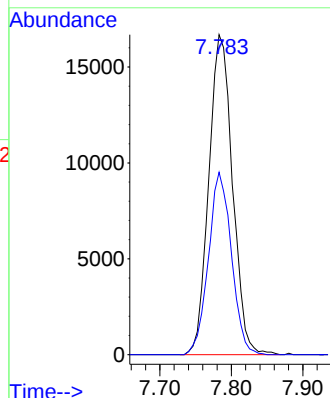
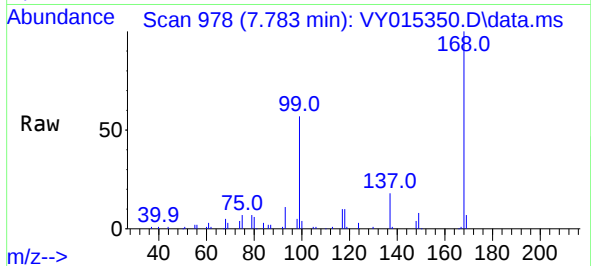




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

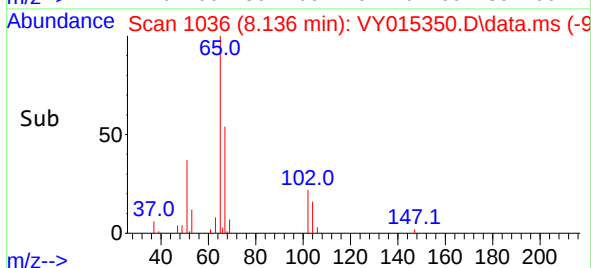
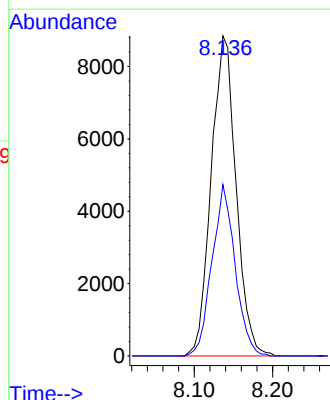
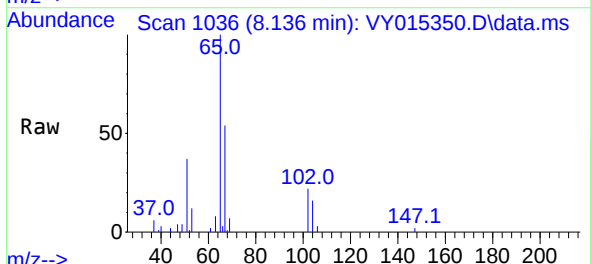
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-082523

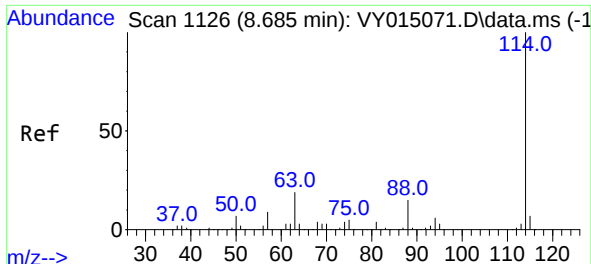
Tgt Ion:168 Resp: 38418
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 42.253 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Tgt Ion: 65 Resp: 19486
Ion Ratio Lower Upper
65 100
67 49.9 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: VY015350.D

Acq: 25 Aug 2023 18:14

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-082523

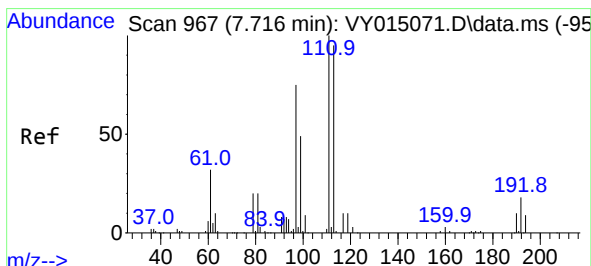
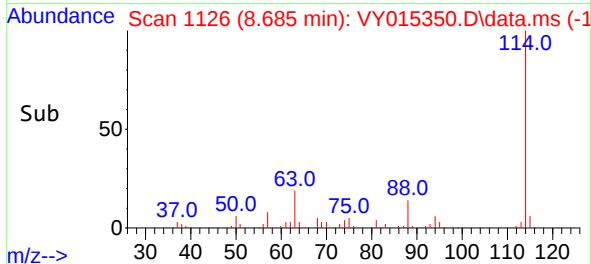
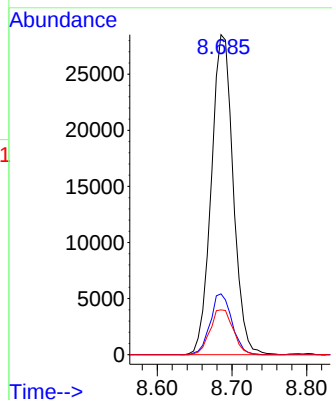
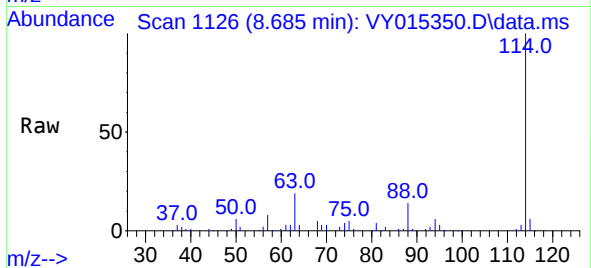
Tgt Ion:114 Resp: 58099

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.275 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015350.D

Acq: 25 Aug 2023 18:14

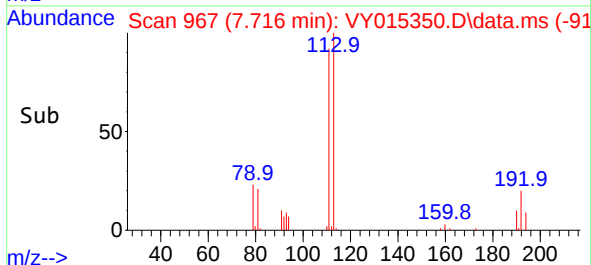
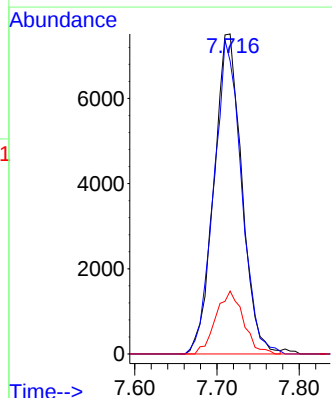
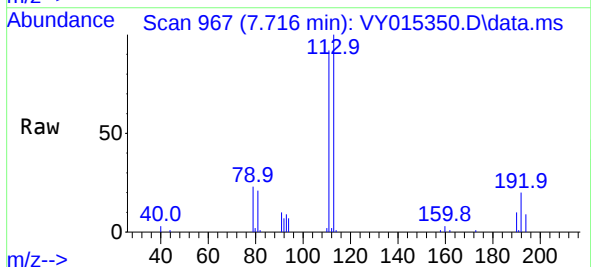
Tgt Ion:113 Resp: 17670

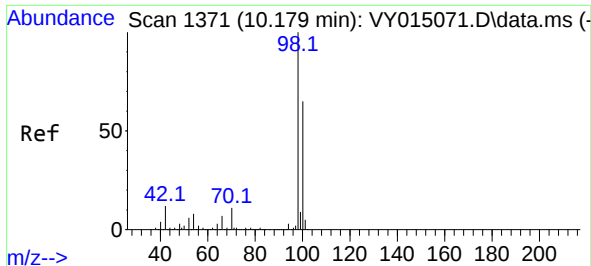
Ion Ratio Lower Upper

113 100

111 97.3 81.3 121.9

192 19.6 16.9 25.3

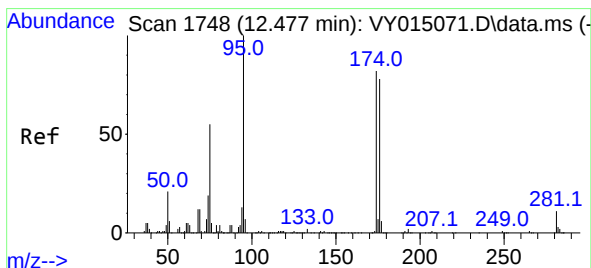
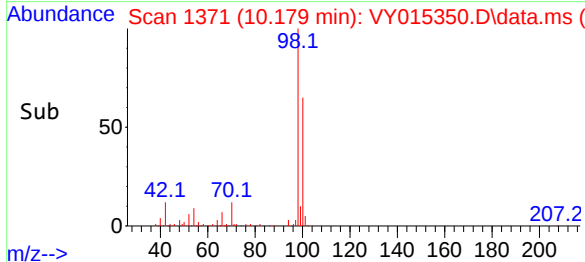
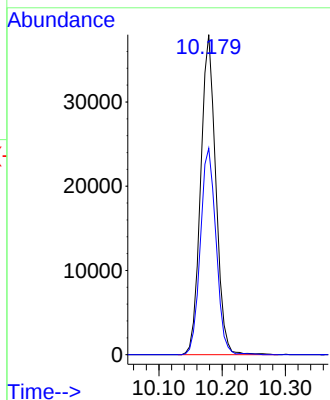
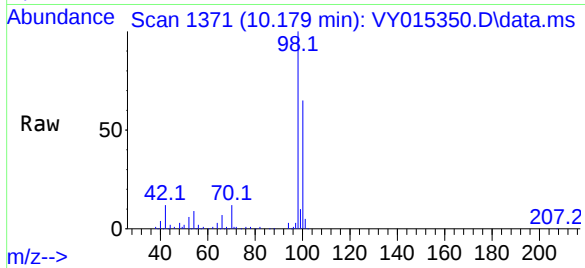




#50
Toluene-d8
Concen: 45.602 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

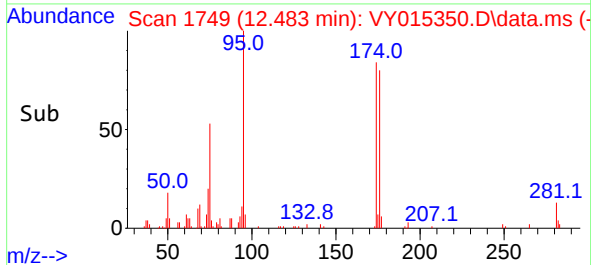
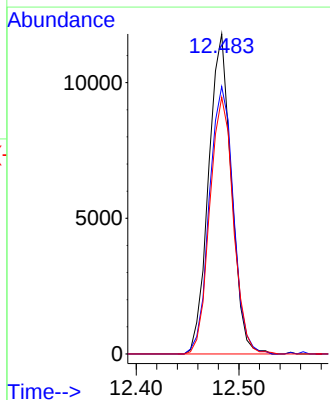
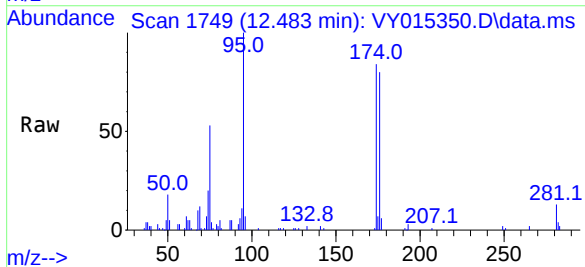
Instrument :
MSVOA_Y
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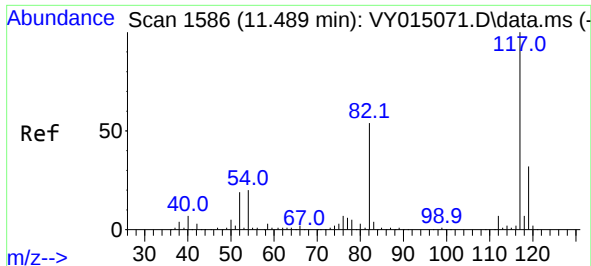
Tgt Ion: 98 Resp: 63450
Ion Ratio Lower Upper
98 100
100 66.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 35.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Tgt Ion: 95 Resp: 18084
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.2
176 83.1 0.0 173.8

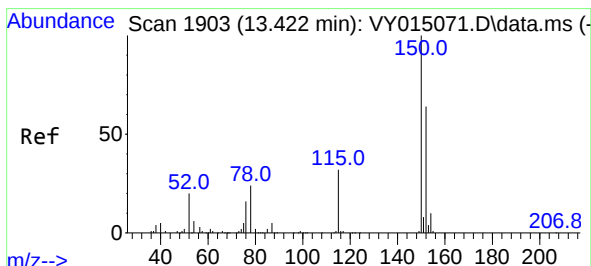
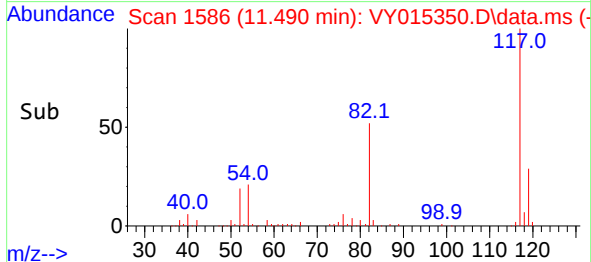
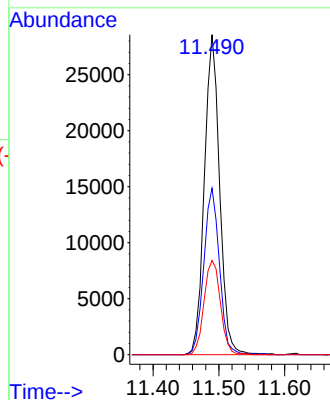
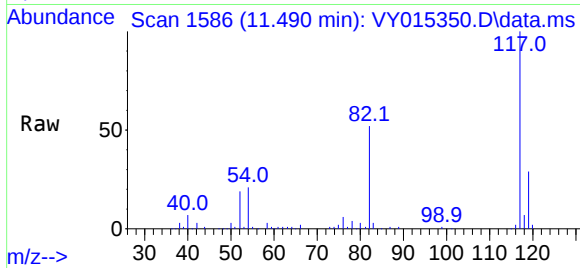




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-082523

Tgt Ion:117 Resp: 46051
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 29.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015350.D
Acq: 25 Aug 2023 18:14

Tgt Ion:152 Resp: 18923
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 157.8 0.0 348.8

