

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015368.D
 Acq On : 30 Aug 2023 11:25
 Operator : SY/MD
 Sample : VY0830SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0830SBL01

Quant Time: Aug 31 00:57:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	149626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	79834	49.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.540%
35) Dibromofluoromethane	7.716	113	74325	51.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.179	98	289989	55.635	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.260%
62) 4-Bromofluorobenzene	12.483	95	89283	46.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.280%

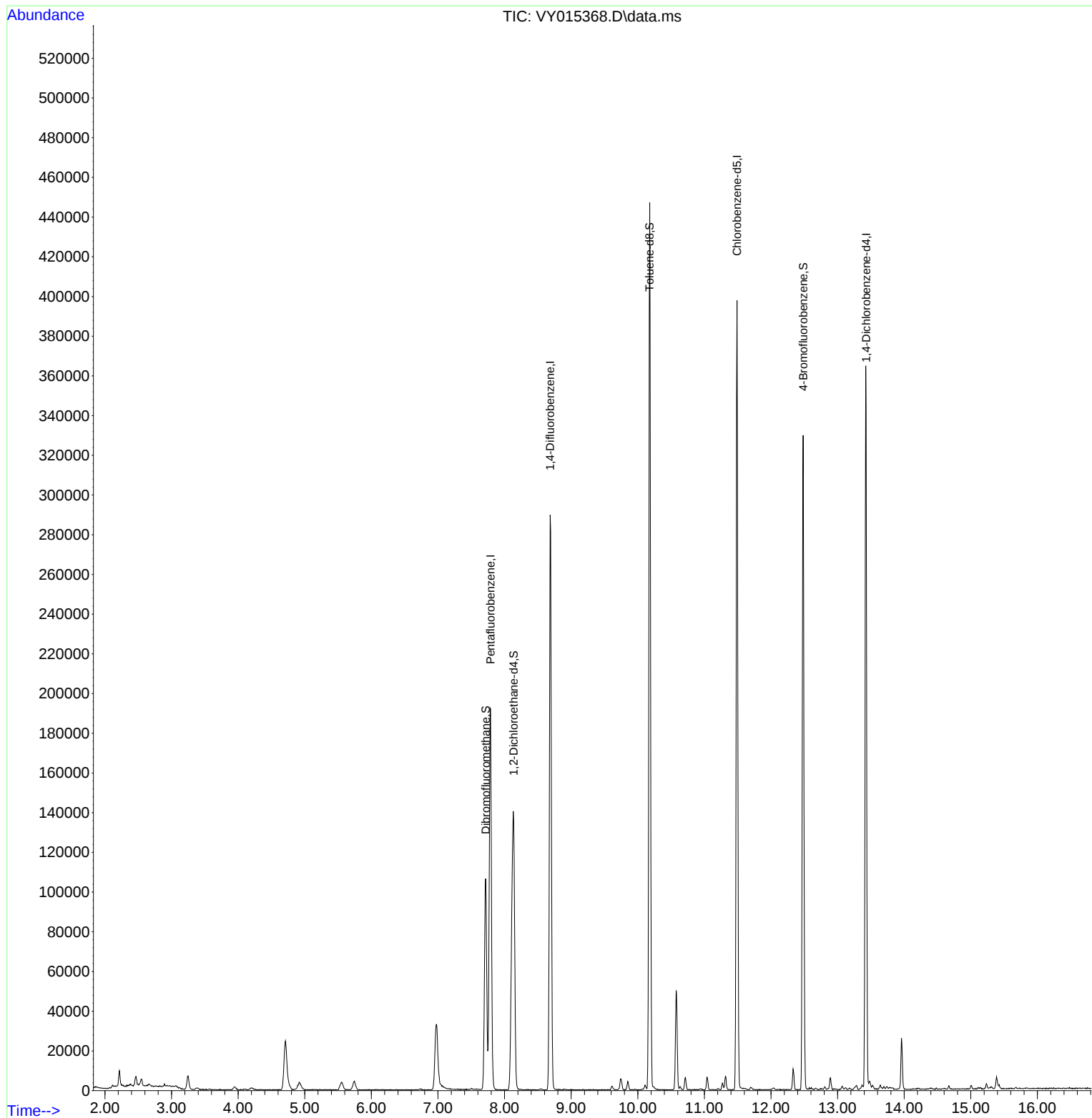
Target Compounds	Qvalue

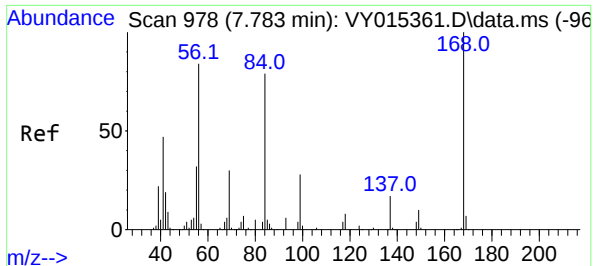
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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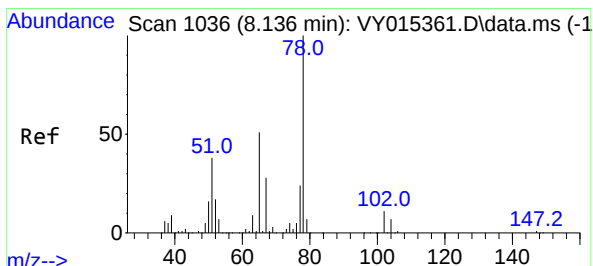
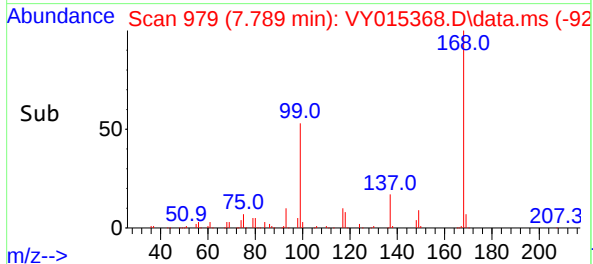
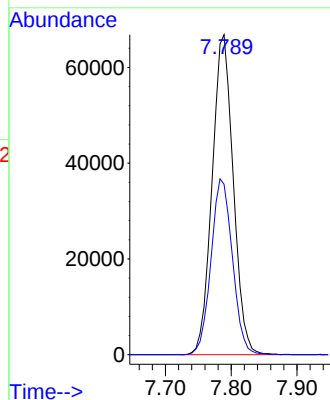
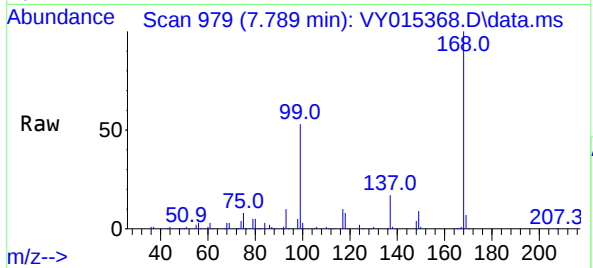




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015368.D
Acq: 30 Aug 2023 11:25

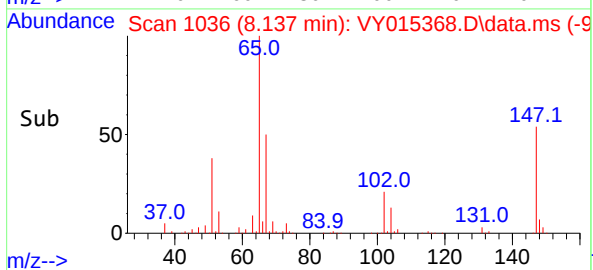
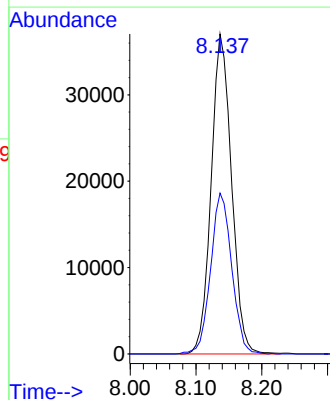
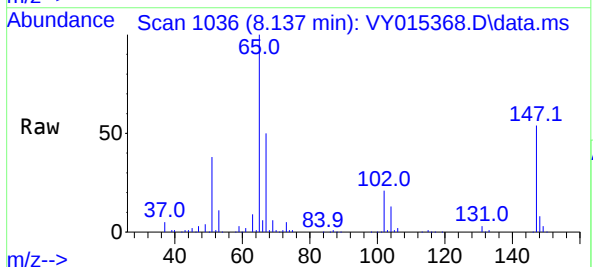
Instrument :
MSVOA_Y
ClientSampleId :
VY0830SBL01

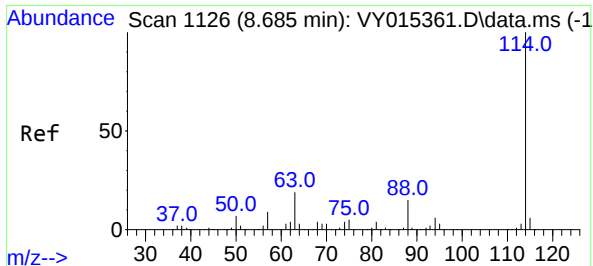
Tgt Ion:168 Resp: 149626
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.773 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015368.D
Acq: 30 Aug 2023 11:25

Tgt Ion: 65 Resp: 79834
Ion Ratio Lower Upper
65 100
67 52.0 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: VY015368.D

Acq: 30 Aug 2023 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0830SBL01

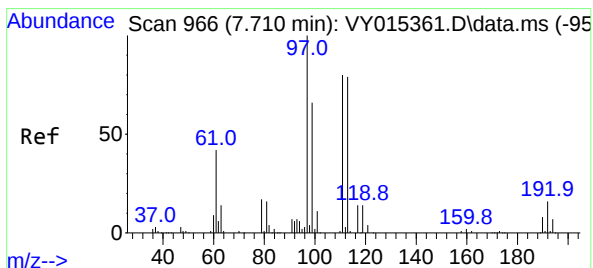
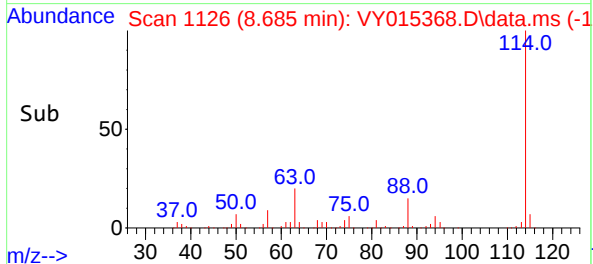
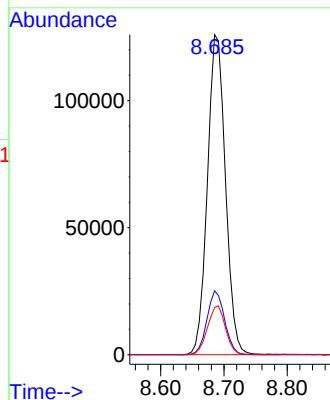
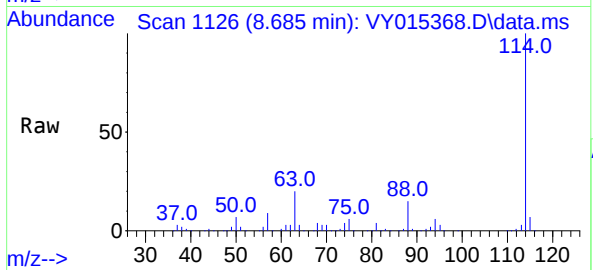
Tgt Ion:114 Resp: 249895

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.638 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015368.D

Acq: 30 Aug 2023 11:25

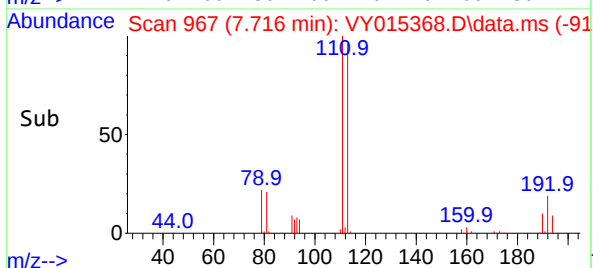
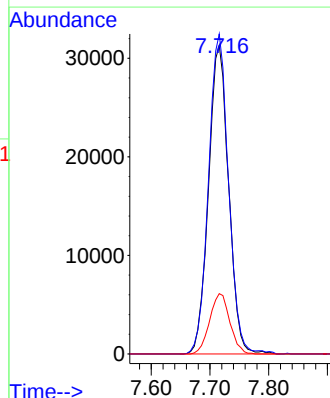
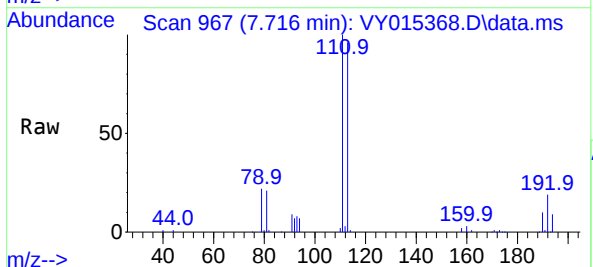
Tgt Ion:113 Resp: 74325

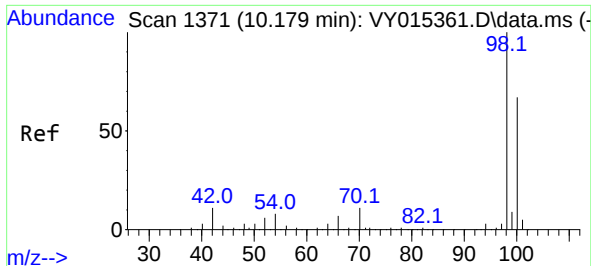
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 19.6 16.9 25.3

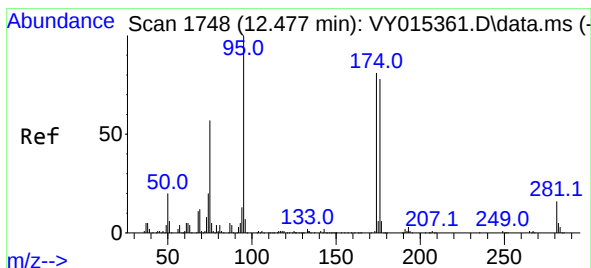
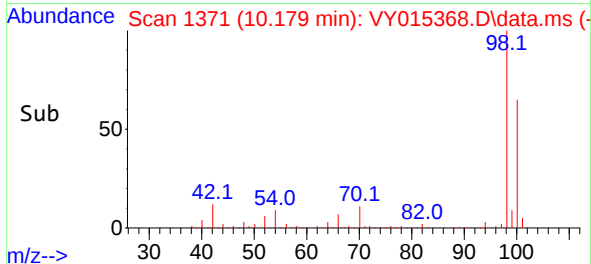
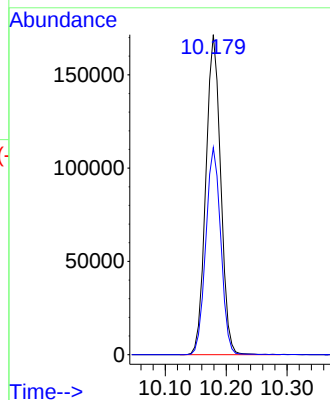
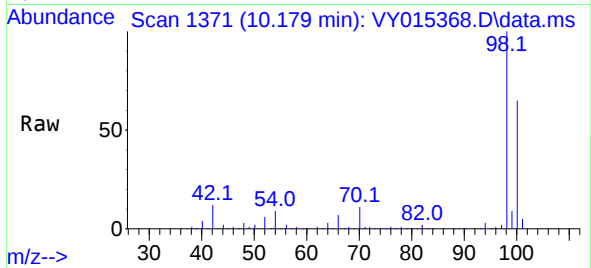




#50
Toluene-d8
Concen: 55.635 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015368.D
Acq: 30 Aug 2023 11:25

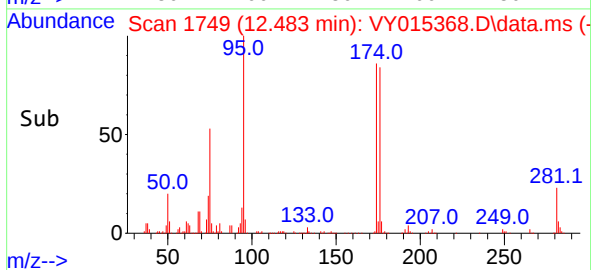
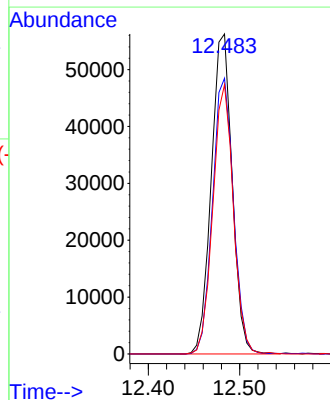
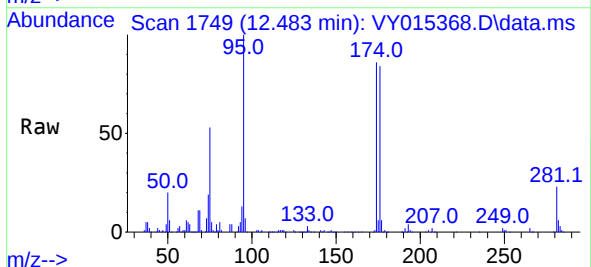
Instrument :
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VY0830SBL01

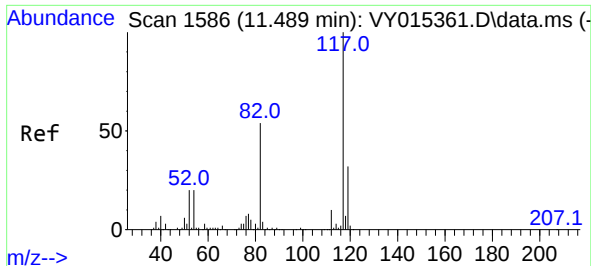
Tgt Ion: 98 Resp: 289989
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.140 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015368.D
Acq: 30 Aug 2023 11:25

Tgt Ion: 95 Resp: 89283
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.5 0.0 173.8

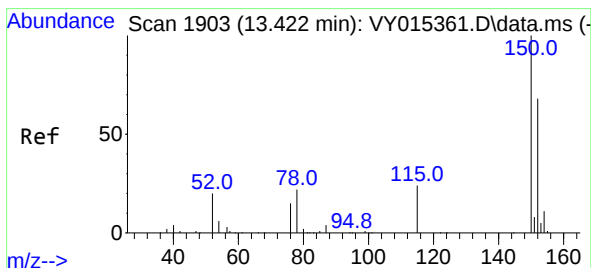
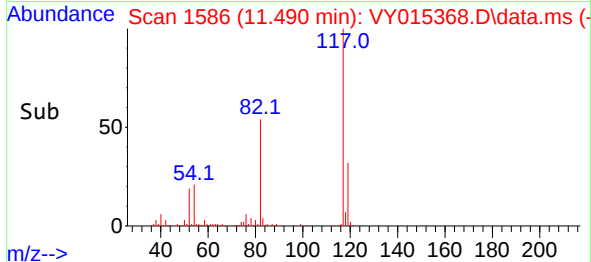
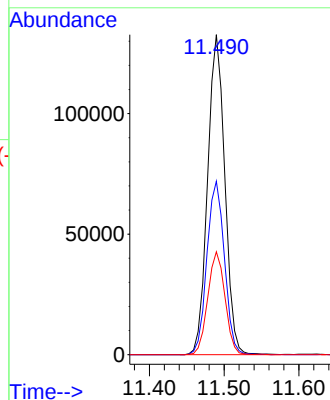
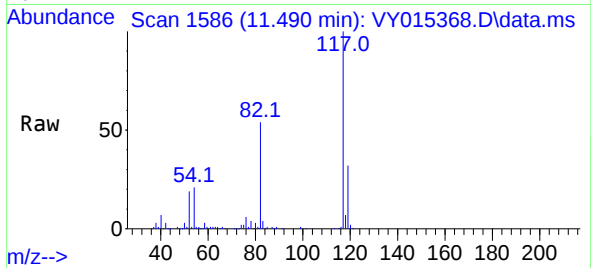




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015368.D
Acq: 30 Aug 2023 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0830SBL01

Tgt Ion:117 Resp: 212334
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.2 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: VY015368.D
Acq: 30 Aug 2023 11:25

Tgt Ion:152 Resp: 93757
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 157.6 0.0 348.8

