

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015964.D
 Acq On : 13 Oct 2023 17:49
 Operator : SY/MD
 Sample : 04878-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11995

Quant Time: Oct 14 01:50:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	9493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	14222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	6097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6756	62.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.720%
35) Dibromofluoromethane	7.728	113	5730	59.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.720%
50) Toluene-d8	10.191	98	17836	49.752	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.489	95	5721	44.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.640%

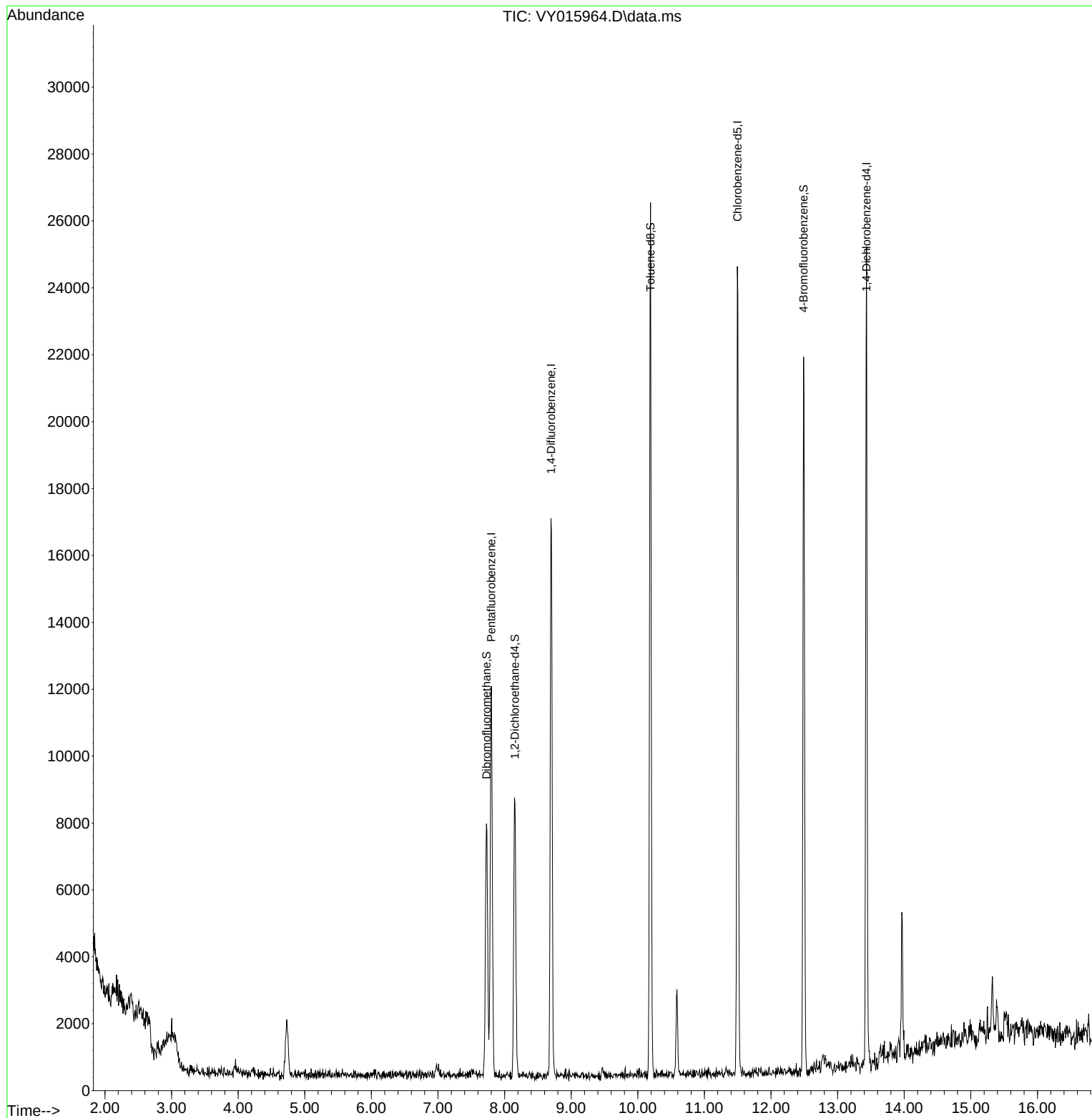
Target Compounds	Qvalue

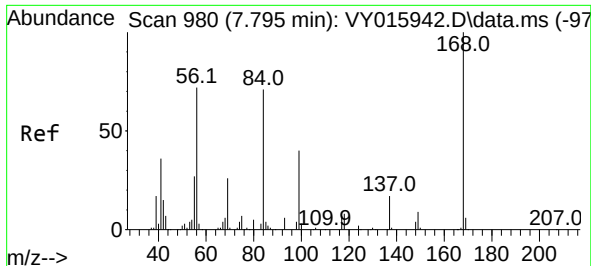
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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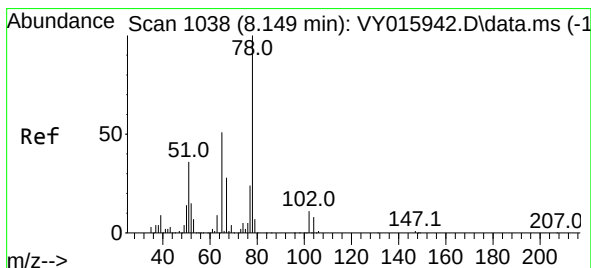
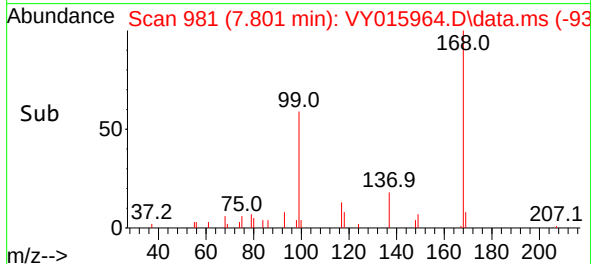
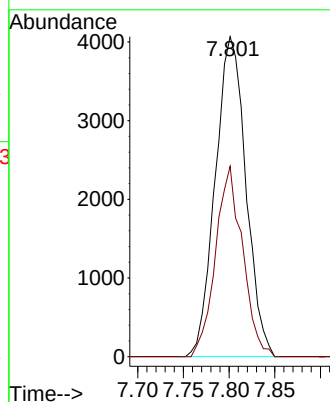
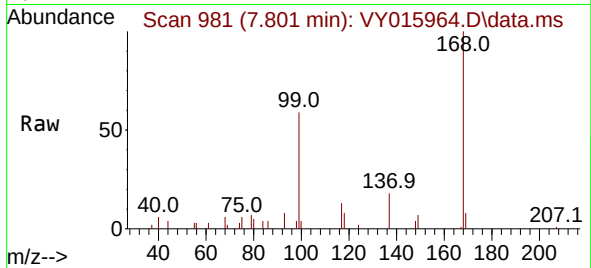




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

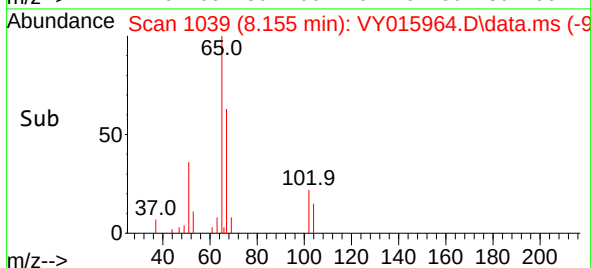
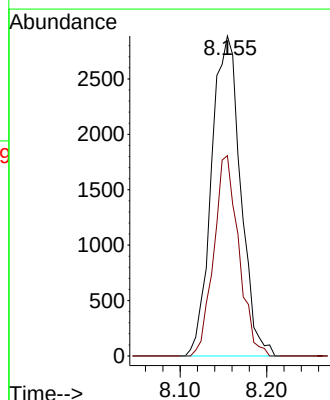
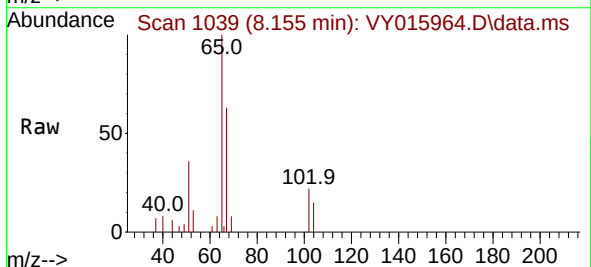
Instrument :
MSVOA_Y
ClientSampleId :
72-11995

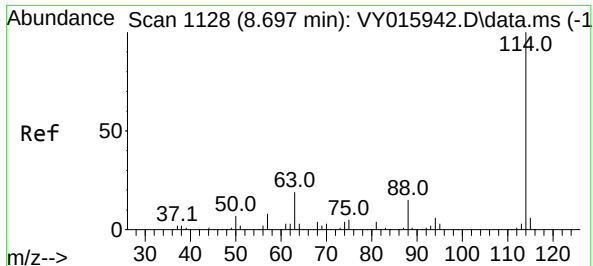
Tgt Ion:168 Resp: 9493
Ion Ratio Lower Upper
168 100
99 59.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.358 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

Tgt Ion: 65 Resp: 6756
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY015964.D

Acq: 13 Oct 2023 17:49

Instrument :

MSVOA_Y

ClientSampleId :

72-11995

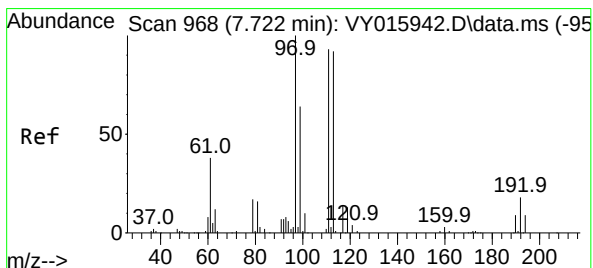
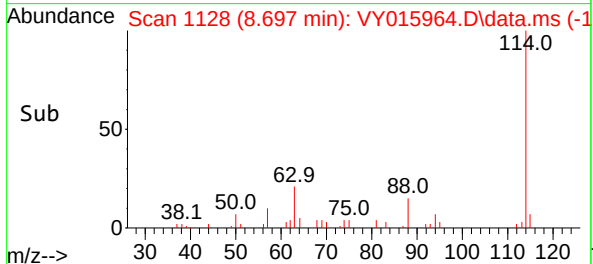
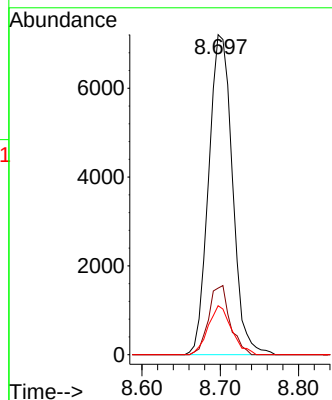
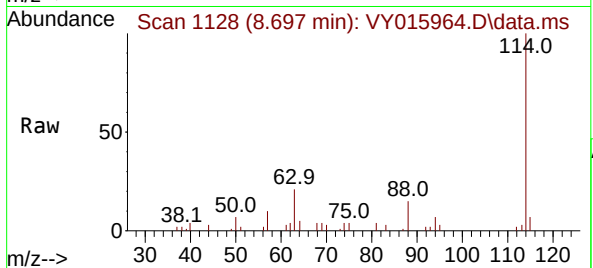
Tgt Ion:114 Resp: 15206

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.856 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015964.D

Acq: 13 Oct 2023 17:49

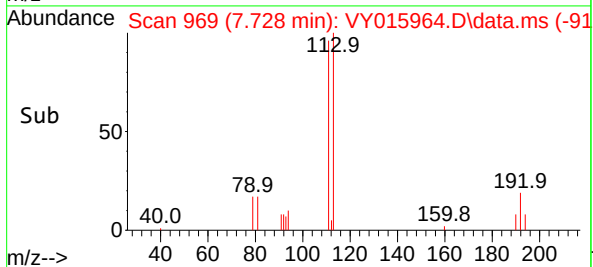
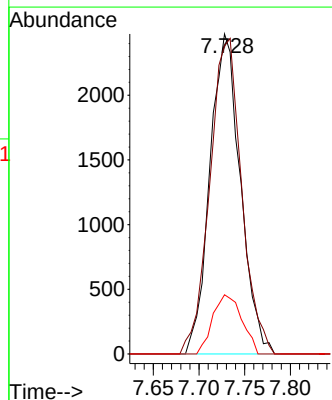
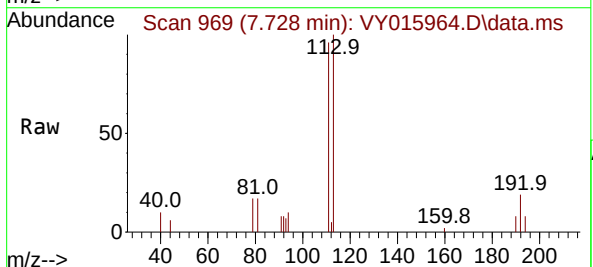
Tgt Ion:113 Resp: 5730

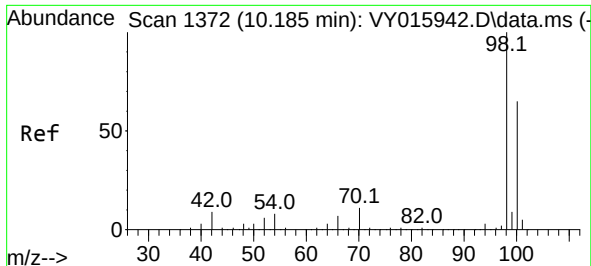
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 17.7 16.9 25.3

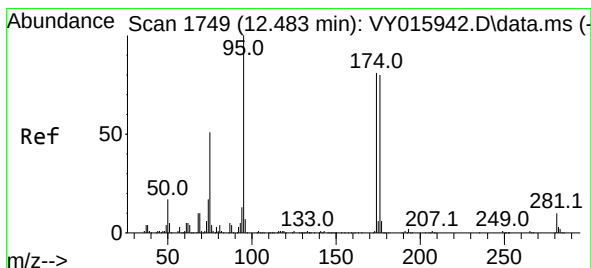
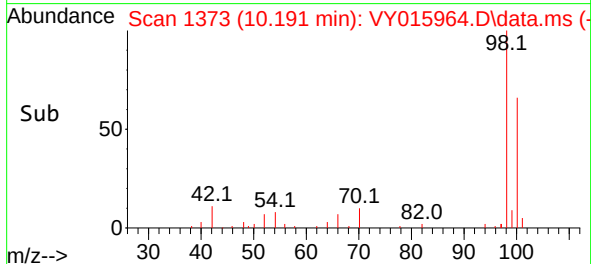
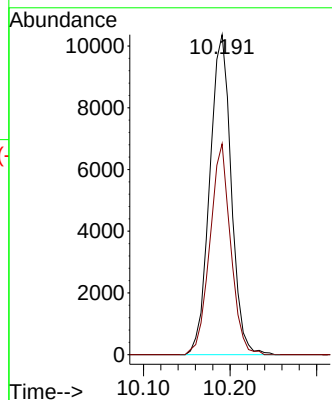
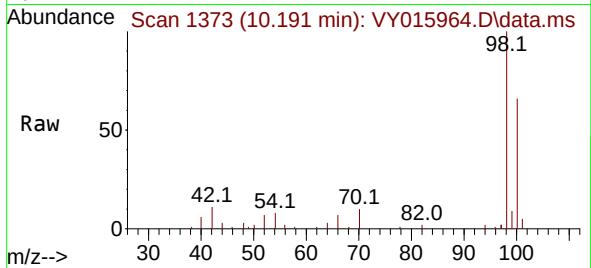




#50
Toluene-d8
Concen: 49.752 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

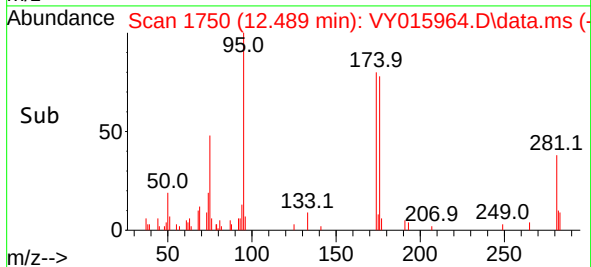
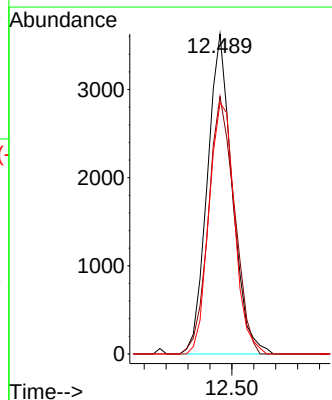
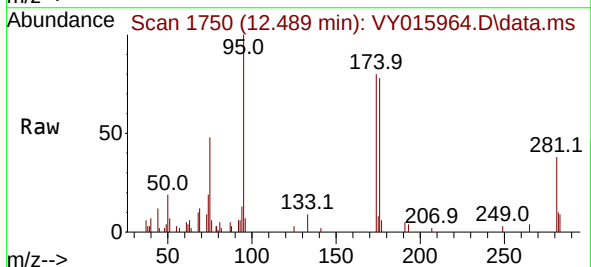
Instrument :
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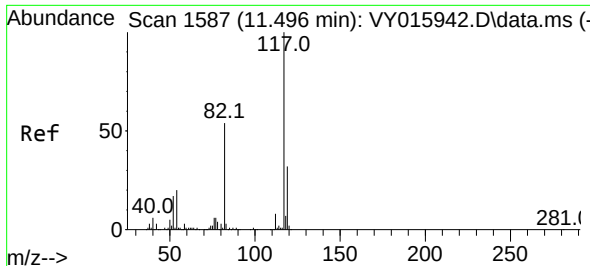
Tgt Ion: 98 Resp: 17836
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.816 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

Tgt Ion: 95 Resp: 5721
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 80.8 0.0 173.8

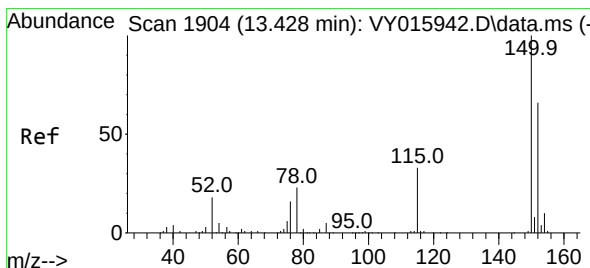
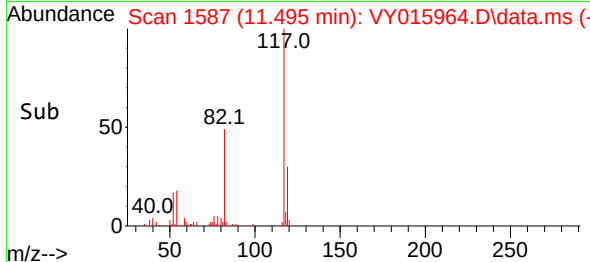
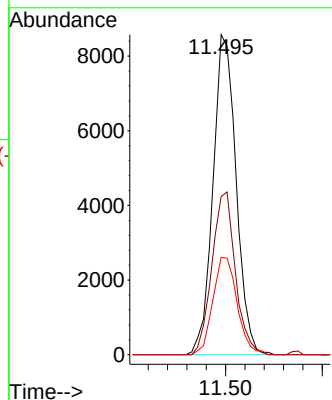
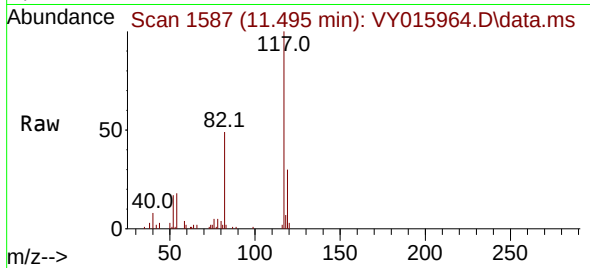




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

Instrument :
MSVOA_Y
ClientSampleId :
72-11995

Tgt Ion:	117	Resp:	14222
Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.4	65.0
119	30.4	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015964.D
Acq: 13 Oct 2023 17:49

Tgt Ion:	152	Resp:	6097
Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.8	86.5
150	162.9	0.0	348.8

