

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021551.D
 Acq On : 17 Mar 2025 15:32
 Operator : SY/MD
 Sample : Q1581-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-031425

Quant Time: Mar 18 01:27:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	3642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	5971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2950	76.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.280%
35) Dibromofluoromethane	7.622	113	2086	53.149	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.300%
50) Toluene-d8	10.109	98	6537	43.989	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.980%
62) 4-Bromofluorobenzene	12.408	95	771	15.252	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	30.500%

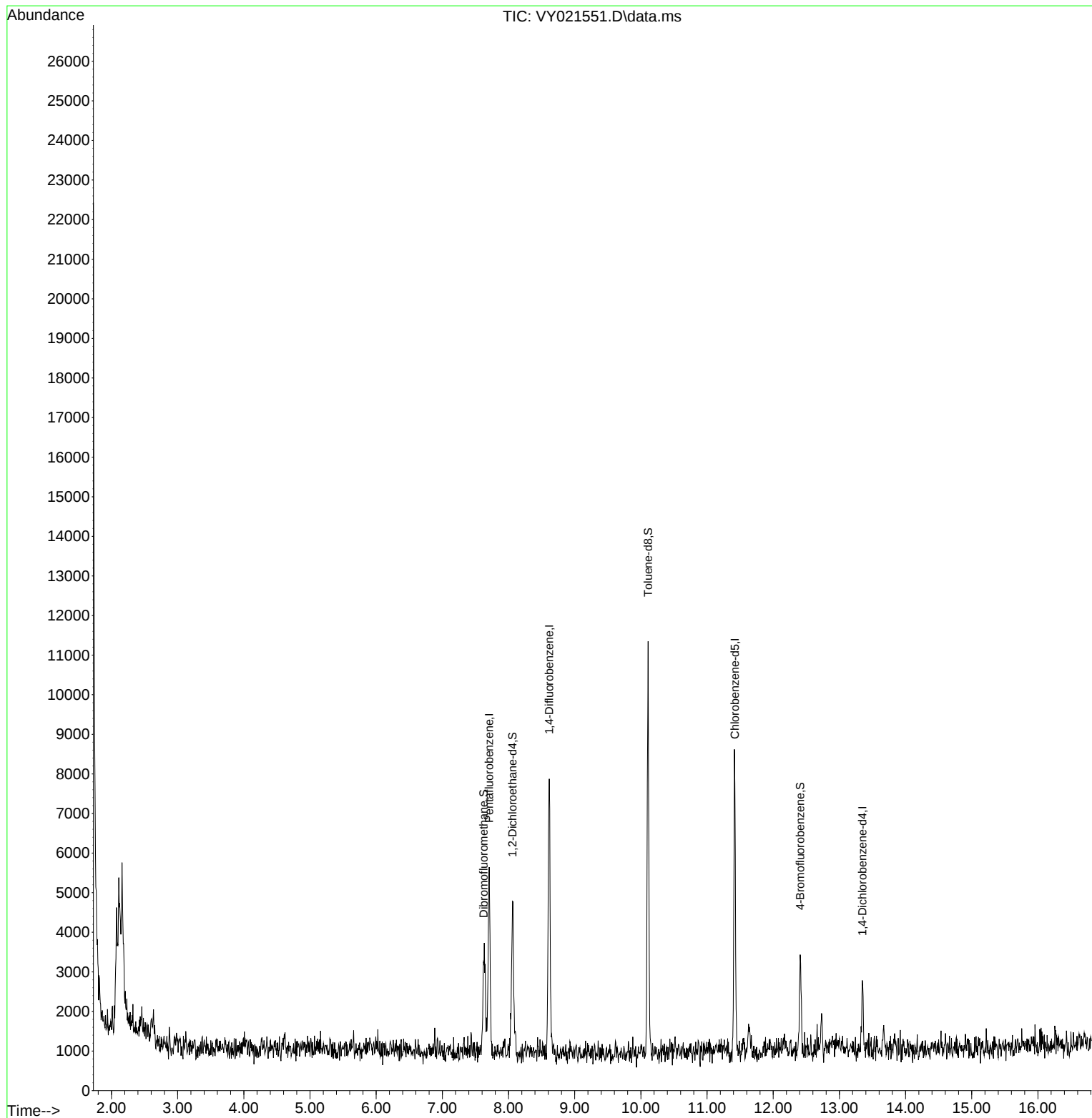
Target Compounds	Qvalue

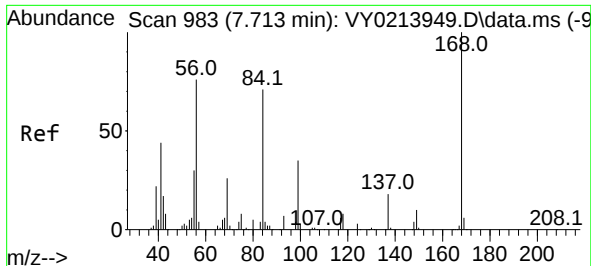
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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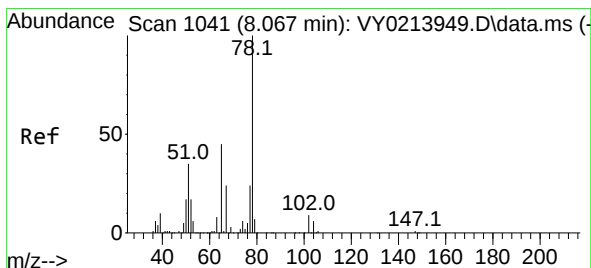
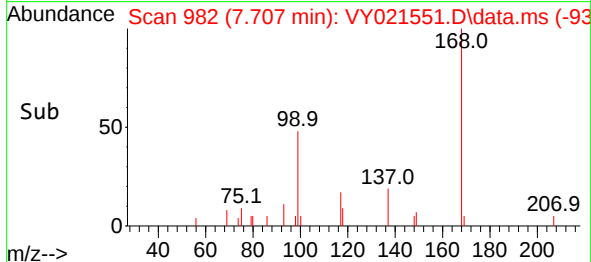
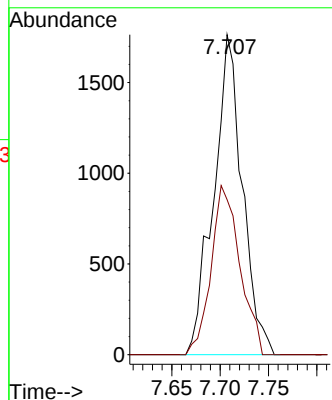
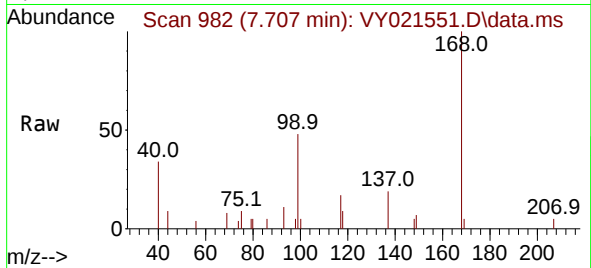




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021551.D
Acq: 17 Mar 2025 15:32

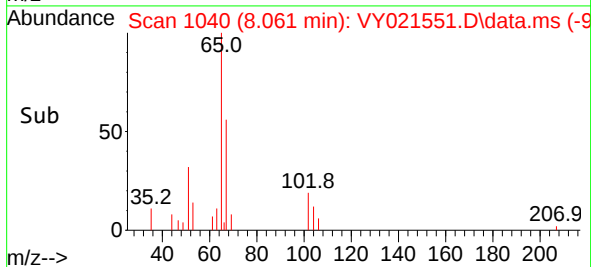
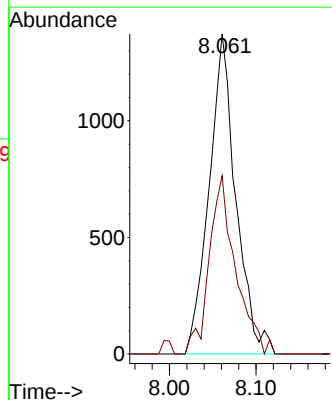
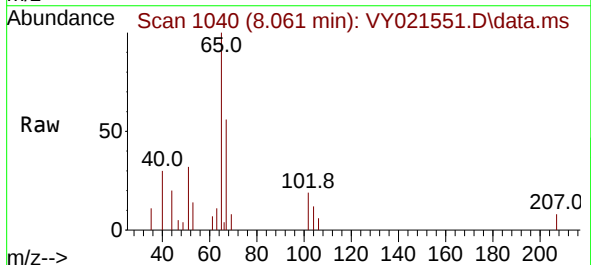
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-031425

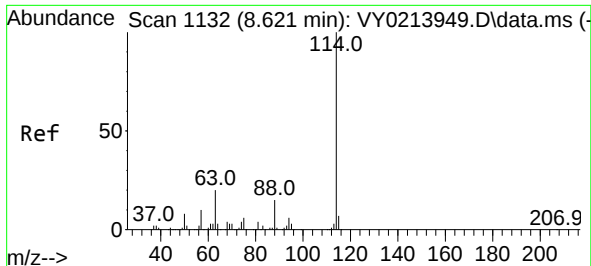
Tgt Ion:168 Resp: 3642
Ion Ratio Lower Upper
168 100
99 48.5 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 76.636 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021551.D
Acq: 17 Mar 2025 15:32

Tgt Ion: 65 Resp: 2950
Ion Ratio Lower Upper
65 100
67 55.0 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021551.D

Acq: 17 Mar 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-031425

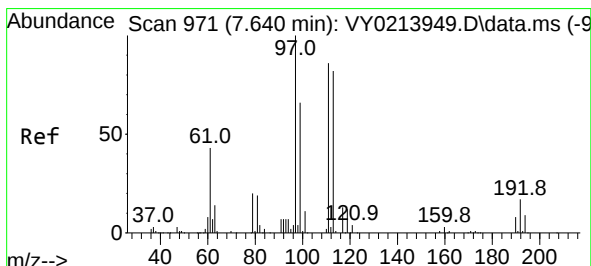
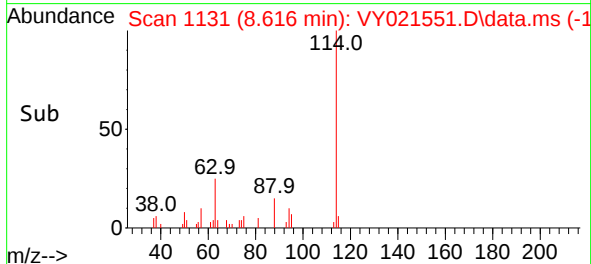
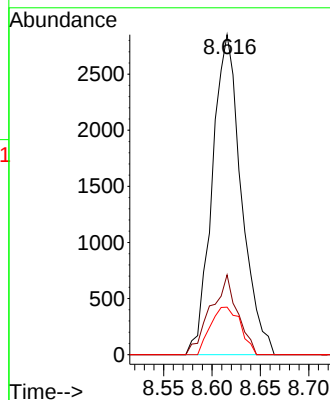
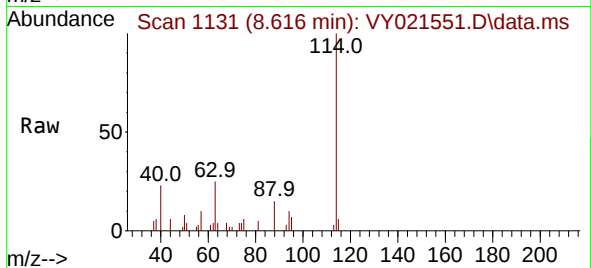
Tgt Ion:114 Resp: 5971

Ion Ratio Lower Upper

114 100

63 25.0 0.0 40.8

88 14.8 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.149 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY021551.D

Acq: 17 Mar 2025 15:32

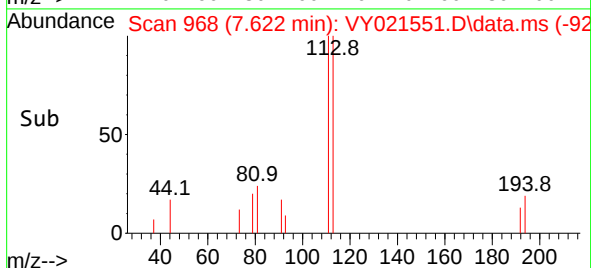
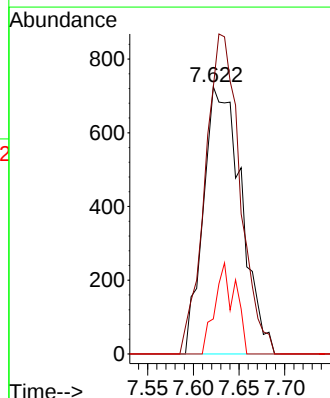
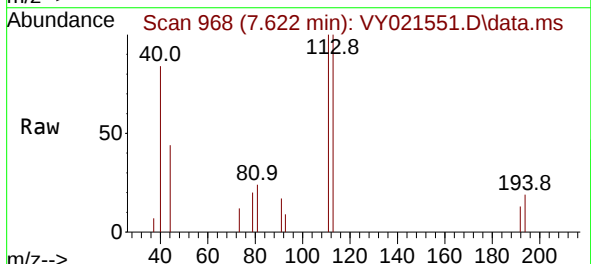
Tgt Ion:113 Resp: 2086

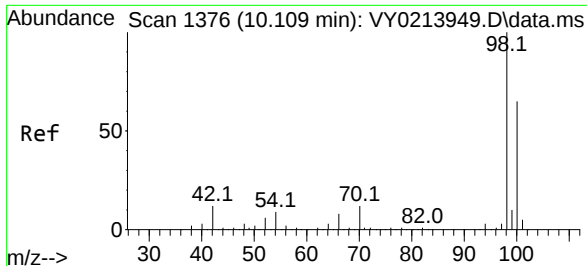
Ion Ratio Lower Upper

113 100

111 110.7 82.0 123.0

192 18.6 15.9 23.9

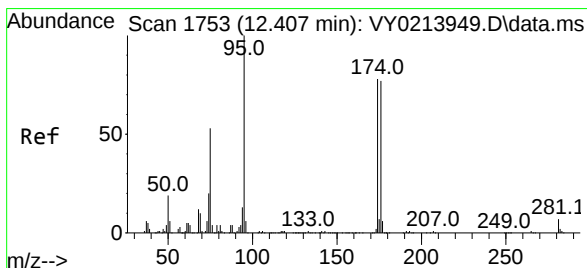
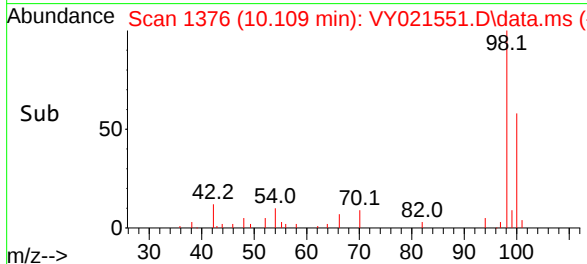
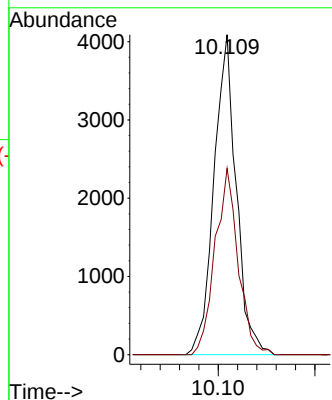
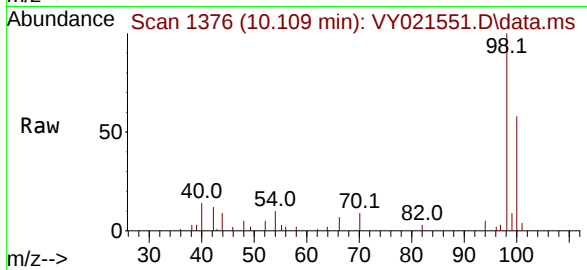




#50
Toluene-d8
Concen: 43.989 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021551.D
Acq: 17 Mar 2025 15:32

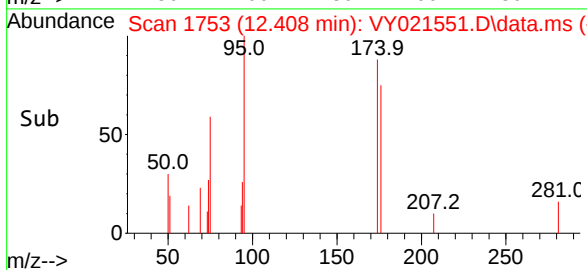
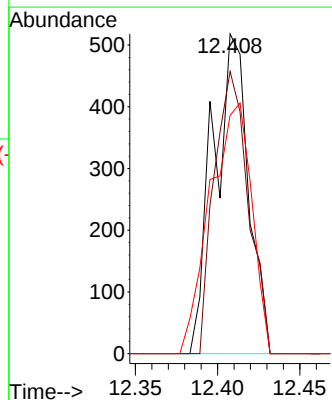
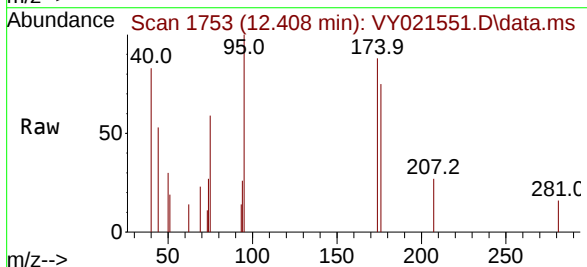
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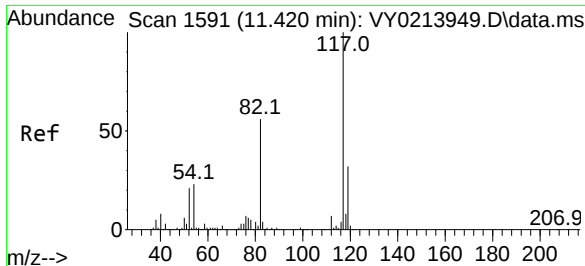
Tgt Ion: 98 Resp: 6537
Ion Ratio Lower Upper
98 100
100 60.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 15.252 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021551.D
Acq: 17 Mar 2025 15:32

Tgt Ion: 95 Resp: 771
Ion Ratio Lower Upper
95 100
174 85.2 0.0 165.0
176 92.6 0.0 160.0

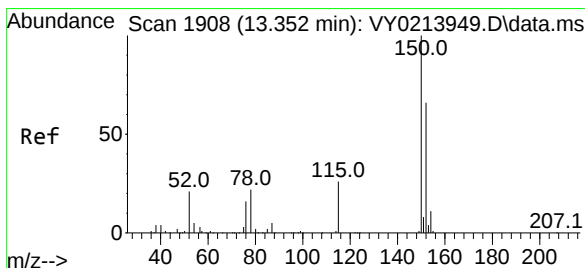
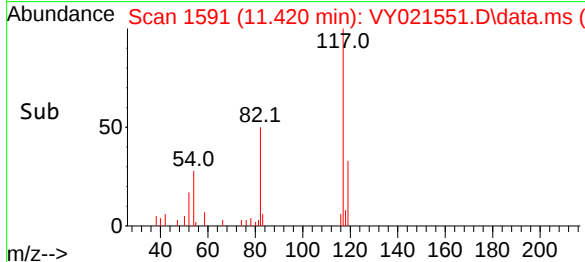
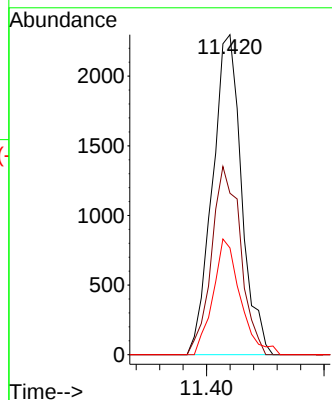
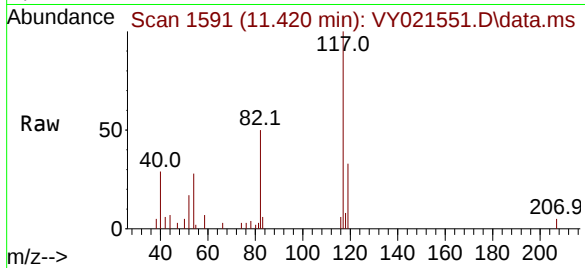




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021551.D
Acq: 17 Mar 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-031425

Tgt Ion:	117	Resp:	3963
Ion Ratio	Lower	Upper	
117	100		
82	50.4	44.6	67.0
119	33.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021551.D
Acq: 17 Mar 2025 15:32

Tgt Ion:	152	Resp:	499
Ion Ratio	Lower	Upper	
152	100		
115	71.7	29.0	87.0
150	168.3	0.0	347.2

