

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021485.D
 Acq On : 11 Mar 2025 14:45
 Operator : SY/MD
 Sample : Q1535-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-03102025

Quant Time: Mar 12 01:25:18 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	4312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	6860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	4681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	3423	75.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.220%
35) Dibromofluoromethane	7.634	113	2279	50.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.080%
50) Toluene-d8	10.109	98	8209	48.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.160%
62) 4-Bromofluorobenzene	12.408	95	840	14.464	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	28.920%#

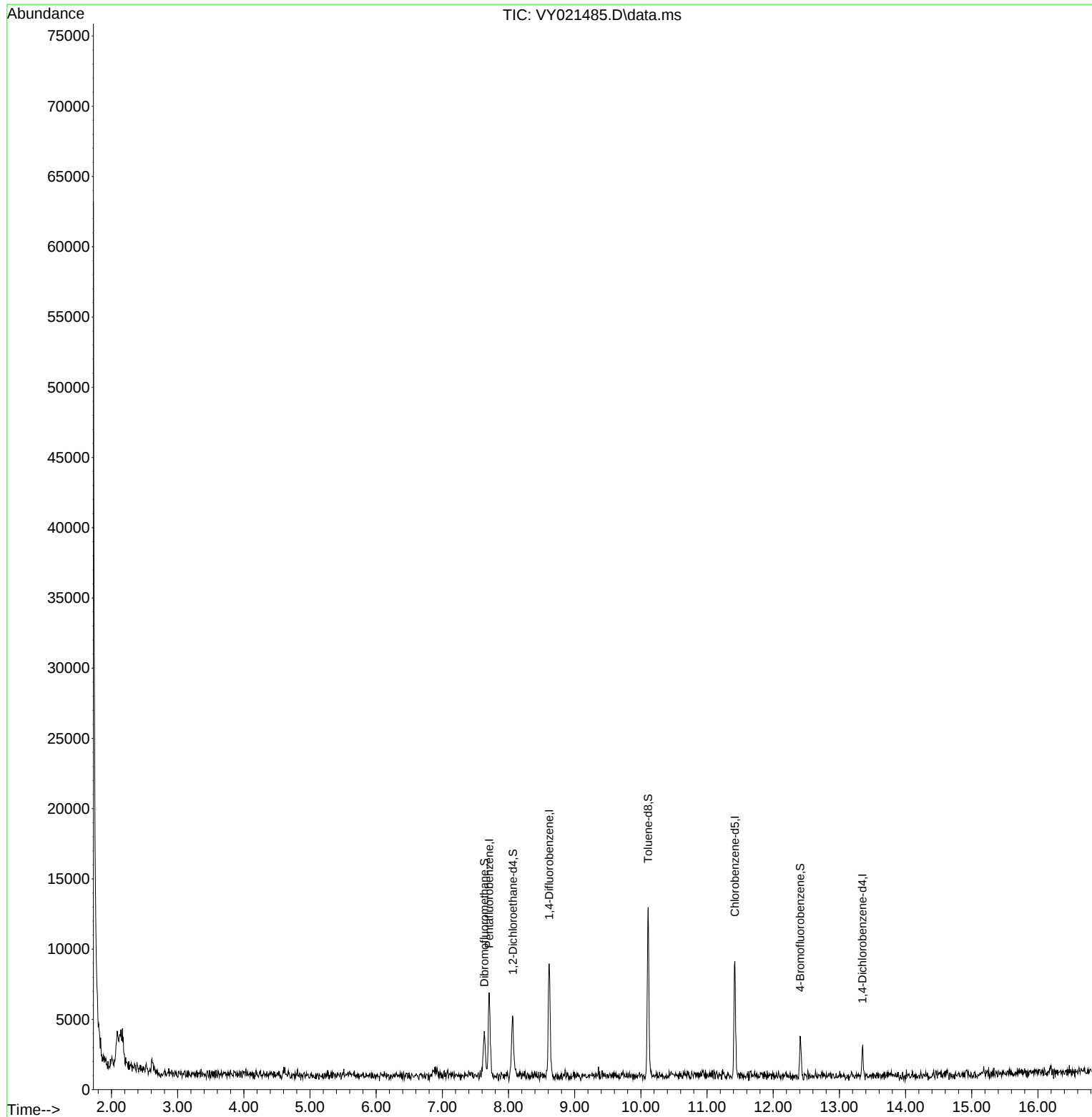
Target Compounds	Qvalue

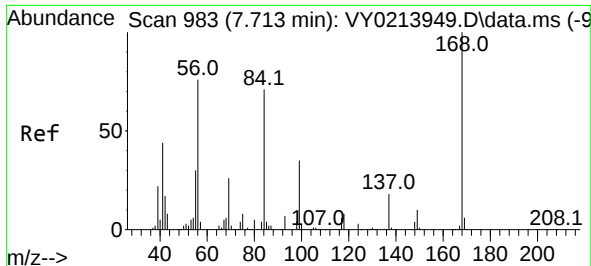
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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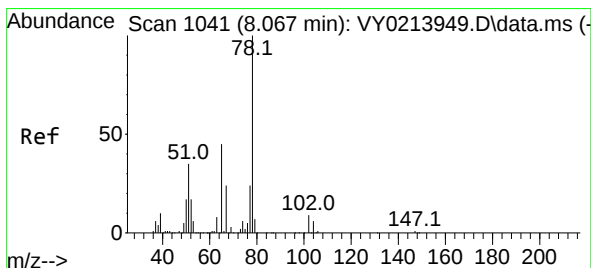
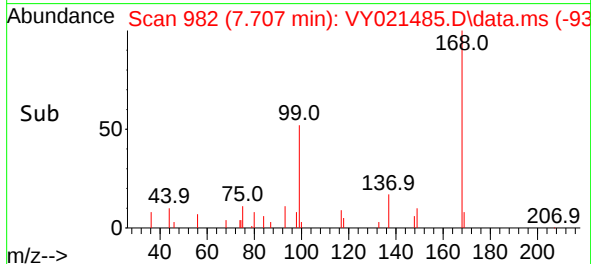
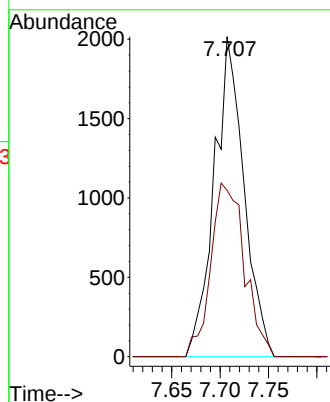
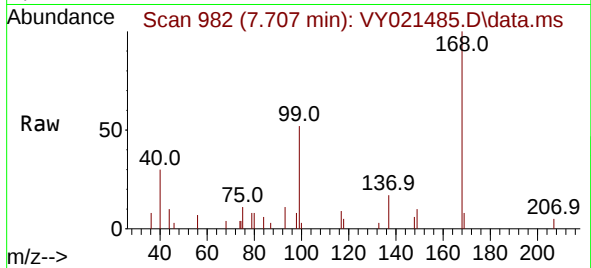




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY021485.D
Acq: 11 Mar 2025 14:45

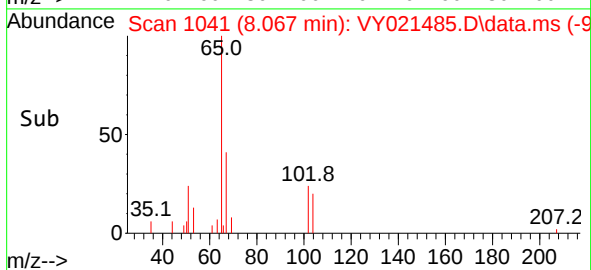
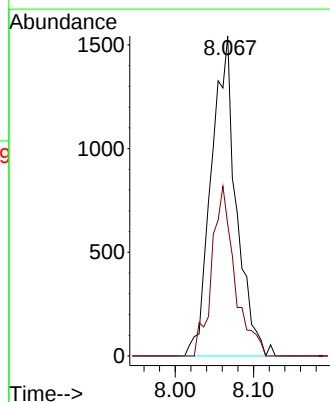
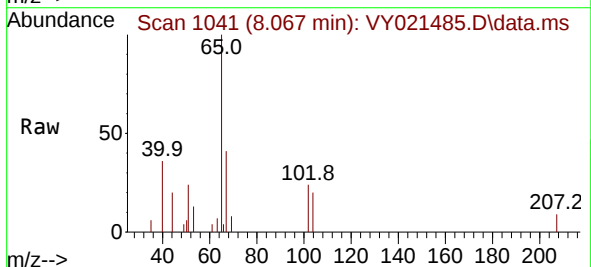
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-03102025

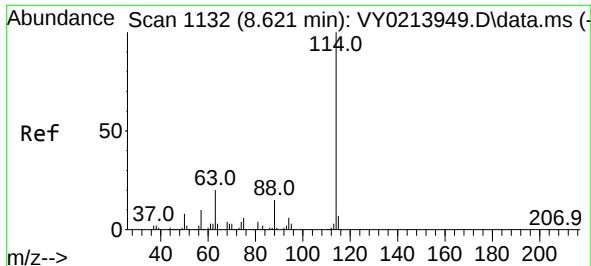
Tgt Ion:168 Resp: 4312
Ion Ratio Lower Upper
168 100
99 52.0 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 75.107 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021485.D
Acq: 11 Mar 2025 14:45

Tgt Ion: 65 Resp: 3423
Ion Ratio Lower Upper
65 100
67 48.7 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: VY021485.D

Acq: 11 Mar 2025 14:45

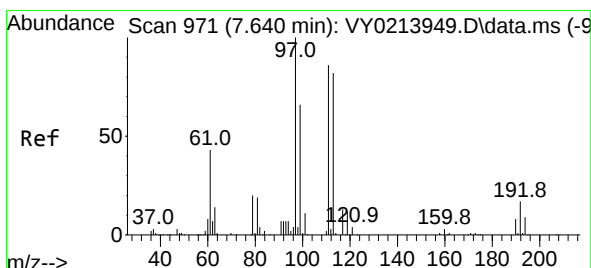
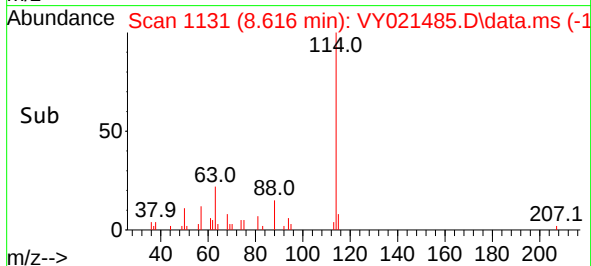
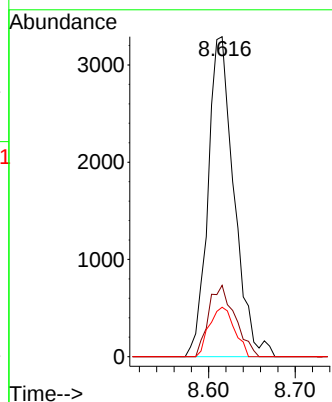
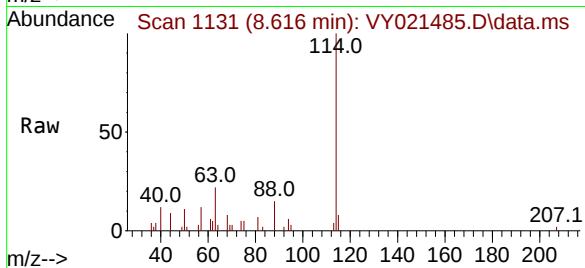
Instrument :

MSVOA_Y

ClientSampleId :

SU-03-03102025

Tgt Ion:114	Resp:	6860
Ion	Ratio	Lower Upper
114	100	
63	22.3	0.0 40.8
88	15.5	0.0 30.8



#35

Dibromofluoromethane

Concen: 50.541 ug/l

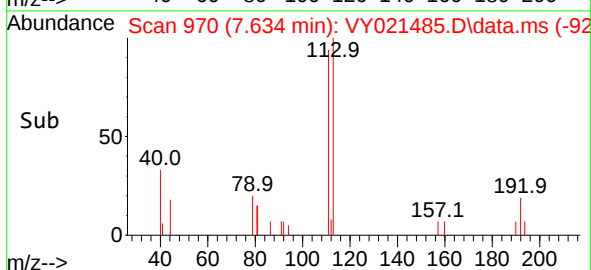
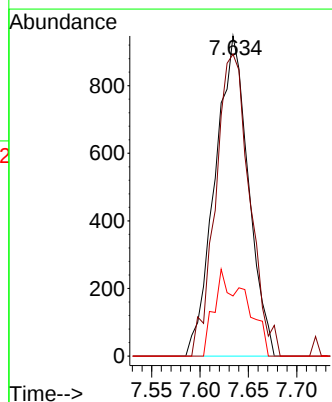
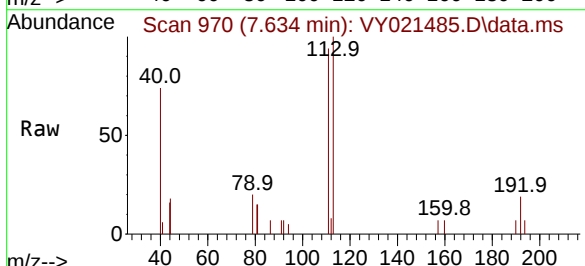
RT: 7.634 min Scan# 970

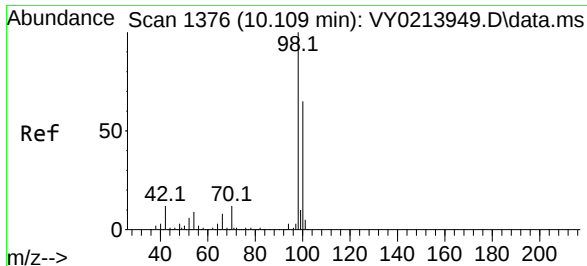
Delta R.T. -0.006 min

Lab File: VY021485.D

Acq: 11 Mar 2025 14:45

Tgt Ion:113	Resp:	2279
Ion	Ratio	Lower Upper
113	100	
111	95.7	82.0 123.0
192	25.8	15.9 23.9

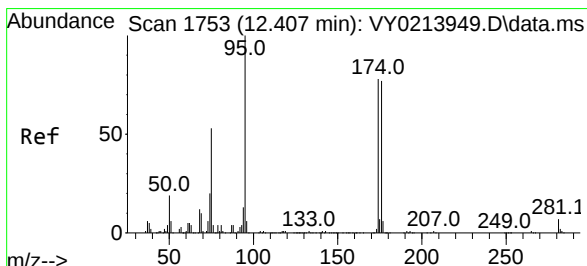
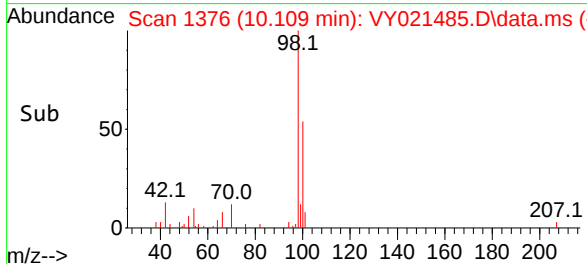
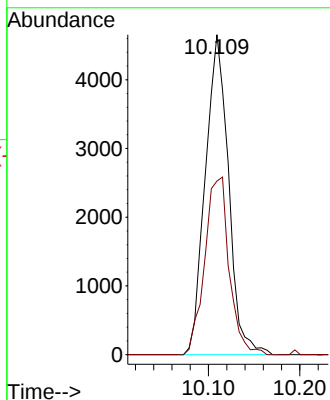
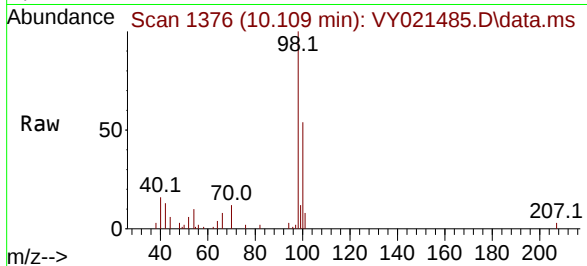




#50
Toluene-d8
Concen: 48.081 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021485.D
Acq: 11 Mar 2025 14:45

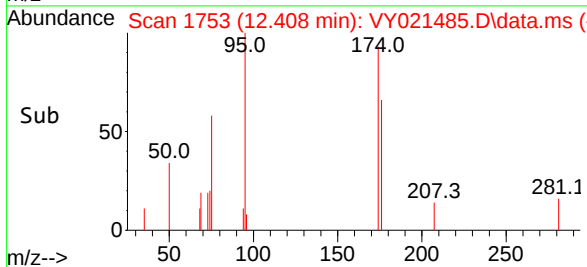
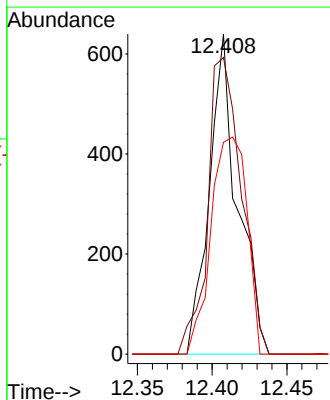
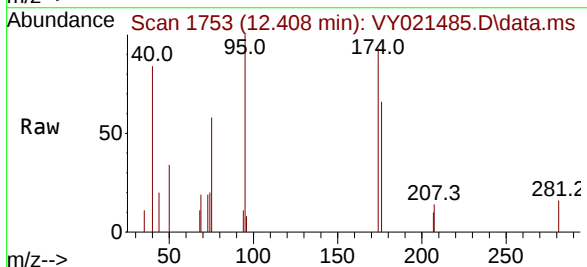
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-03102025

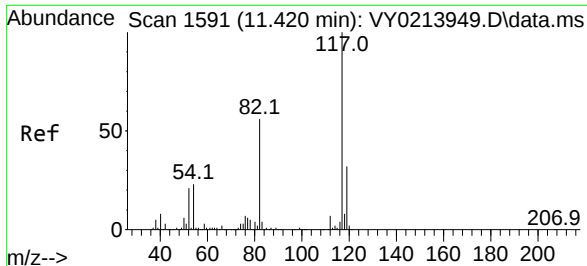
Tgt Ion: 98 Resp: 8209
Ion Ratio Lower Upper
98 100
100 58.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 14.464 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021485.D
Acq: 11 Mar 2025 14:45

Tgt Ion: 95 Resp: 840
Ion Ratio Lower Upper
95 100
174 111.2 0.0 165.0
176 86.3 0.0 160.0

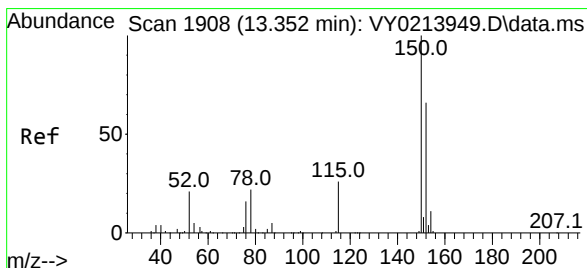
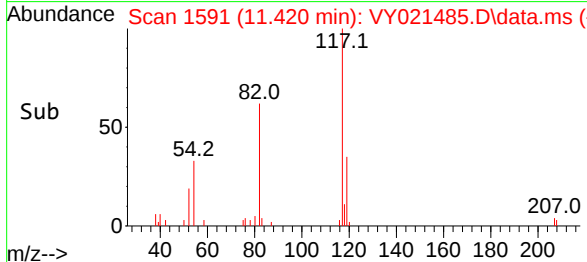
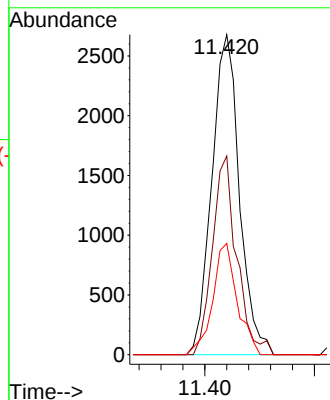
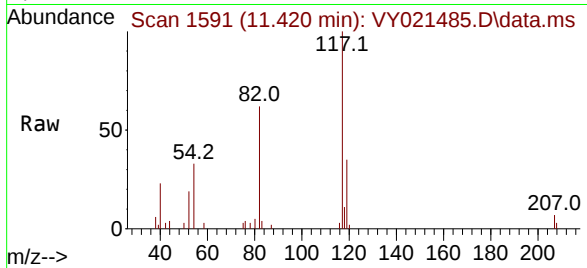




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021485.D
Acq: 11 Mar 2025 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-03102025

Tgt Ion:	117	Resp:	4681
Ion	Ratio	Lower	Upper
117	100		
82	62.1	44.6	67.0
119	34.8	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: VY021485.D
Acq: 11 Mar 2025 14:45

Tgt Ion:	152	Resp:	571
Ion	Ratio	Lower	Upper
152	100		
115	55.9	29.0	87.0
150	146.9	0.0	347.2

