

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021410.D
 Acq On : 05 Mar 2025 14:11
 Operator : SY/MD
 Sample : Q1475-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-02282025

Quant Time: Mar 05 15:06:15 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	6496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	9940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	6403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4188	60.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.000%
35) Dibromofluoromethane	7.634	113	3931	60.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.320%
50) Toluene-d8	10.109	98	11136	45.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.020%
62) 4-Bromofluorobenzene	12.408	95	1370	16.280	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	32.560%

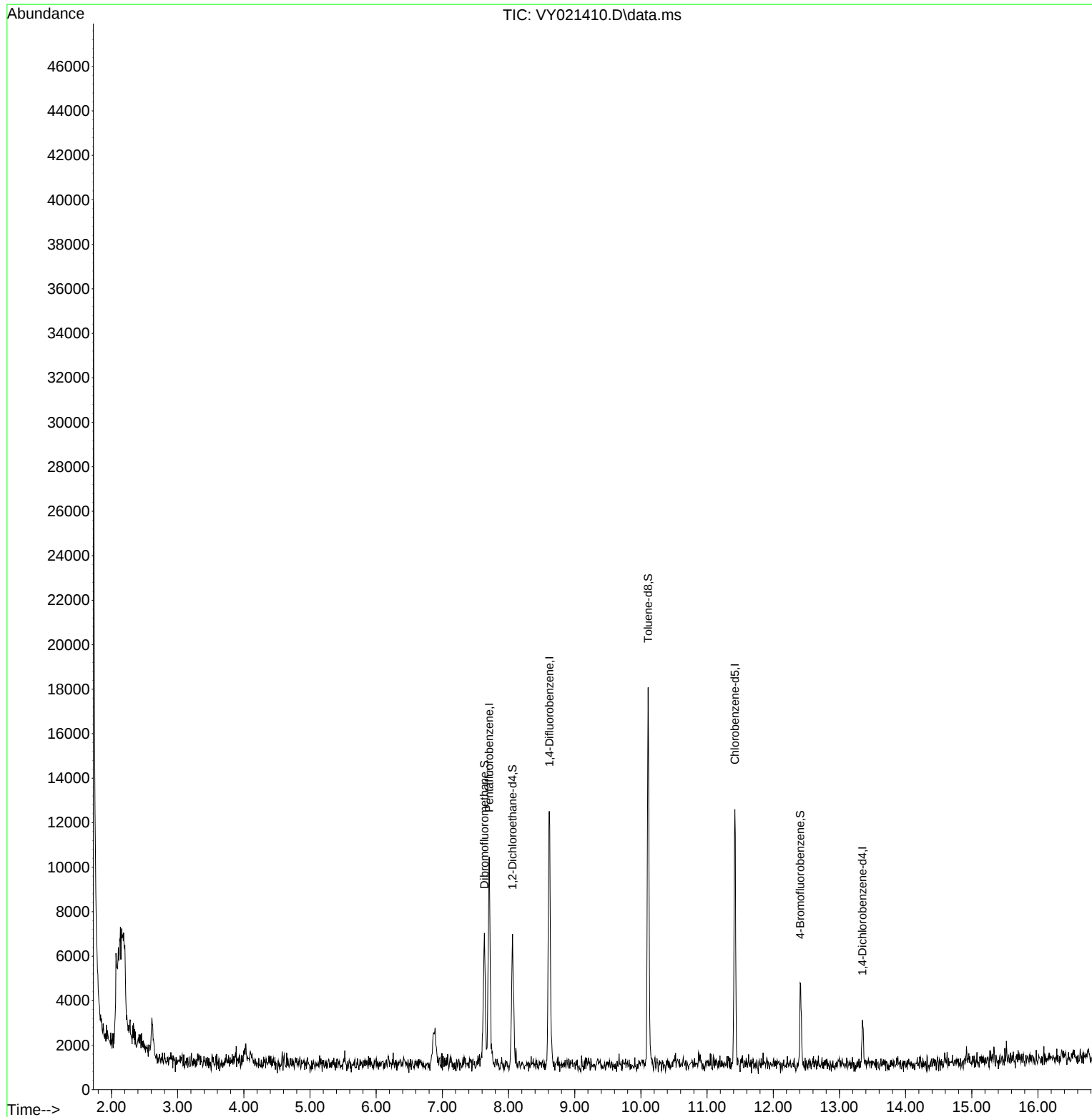
Target Compounds	Qvalue

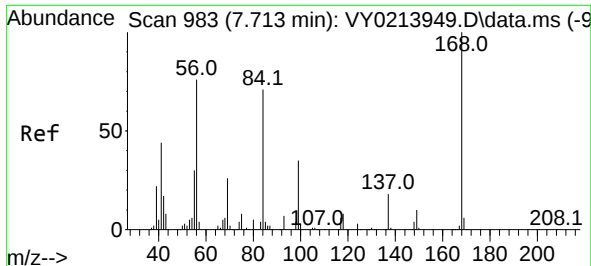
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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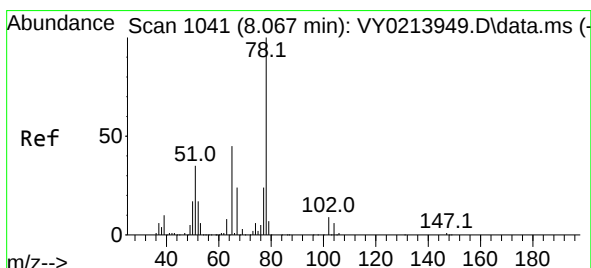
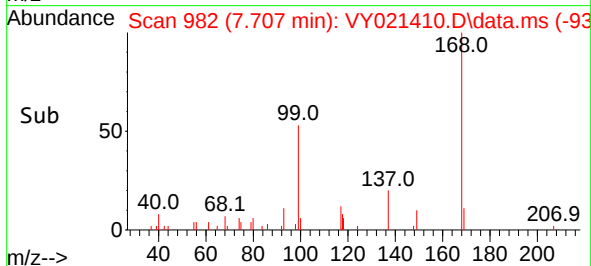
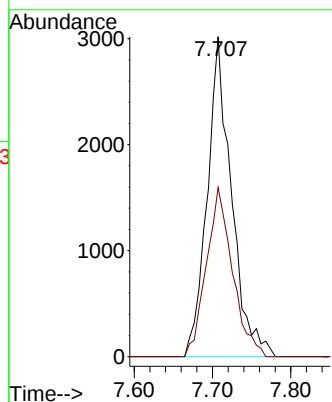
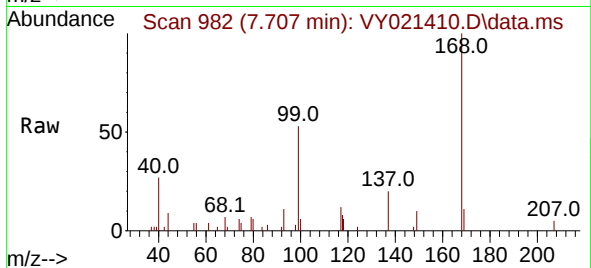




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021410.D
Acq: 05 Mar 2025 14:11

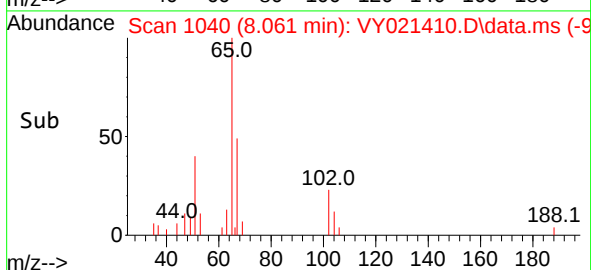
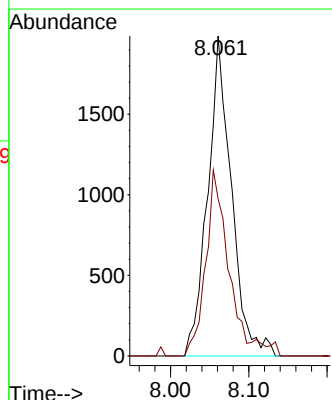
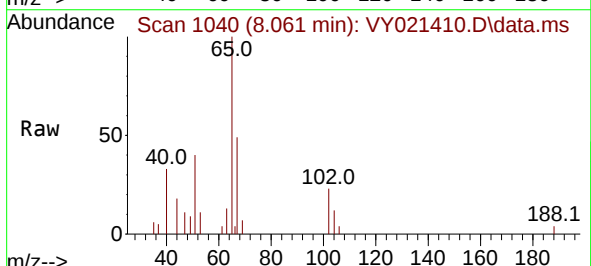
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-02282025

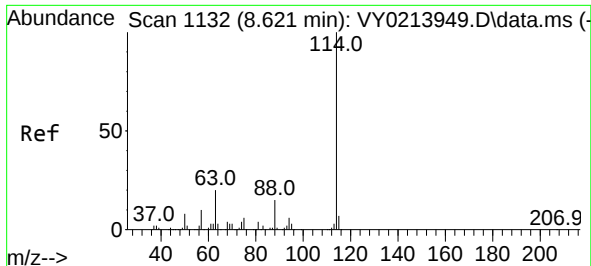
Tgt Ion:168 Resp: 6496
Ion Ratio Lower Upper
168 100
99 52.8 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 60.997 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021410.D
Acq: 05 Mar 2025 14:11

Tgt Ion: 65 Resp: 4188
Ion Ratio Lower Upper
65 100
67 54.0 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021410.D

Acq: 05 Mar 2025 14:11

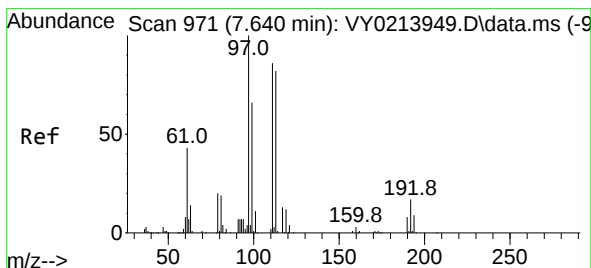
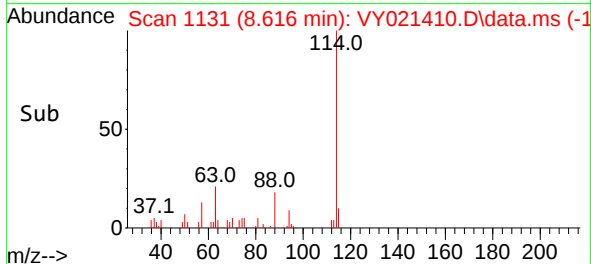
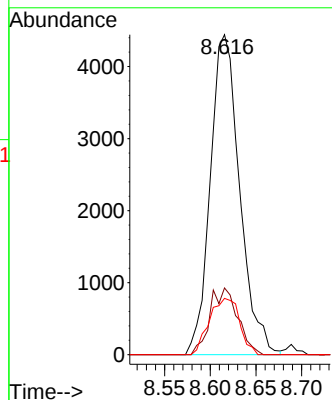
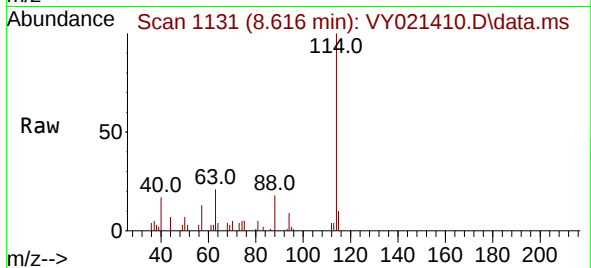
Instrument :

MSVOA_Y

ClientSampleId :

TR-04-02282025

Tgt Ion:114	Resp:	9940
Ion Ratio	Lower	Upper
114	100	
63	20.8	0.0 42.2
88	17.6	0.0 29.8



#35

Dibromofluoromethane

Concen: 60.165 ug/l

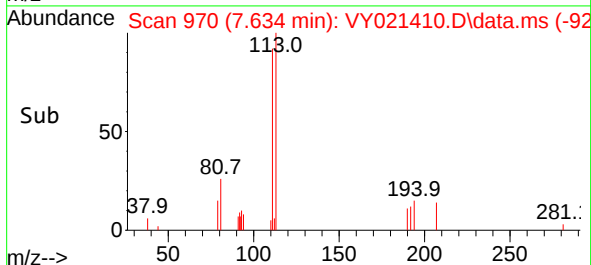
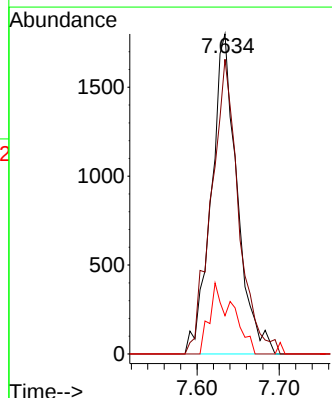
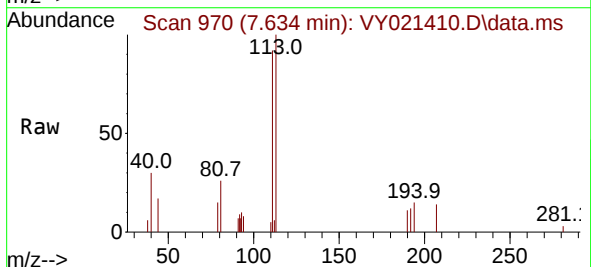
RT: 7.634 min Scan# 970

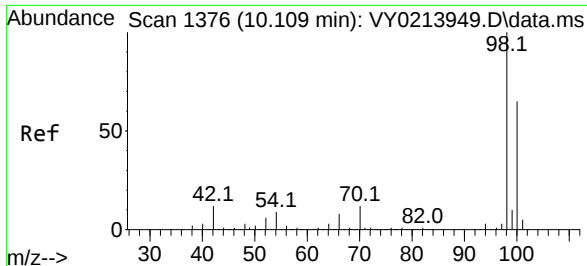
Delta R.T. 0.000 min

Lab File: VY021410.D

Acq: 05 Mar 2025 14:11

Tgt Ion:113	Resp:	3931
Ion Ratio	Lower	Upper
113	100	
111	97.3	81.0 121.6
192	20.1	15.8 23.8

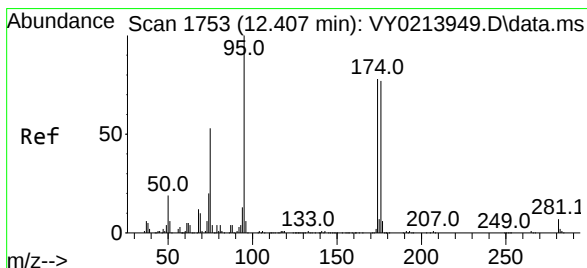
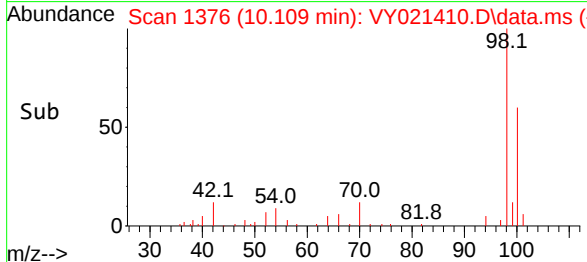
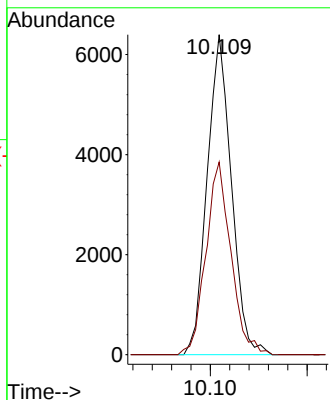
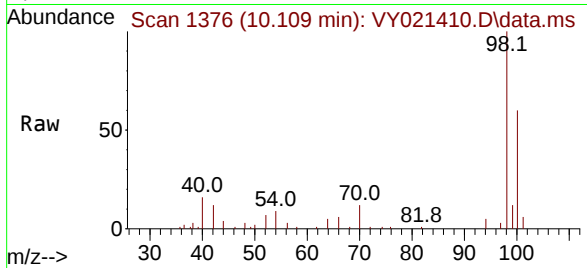




#50
Toluene-d8
Concen: 45.014 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021410.D
Acq: 05 Mar 2025 14:11

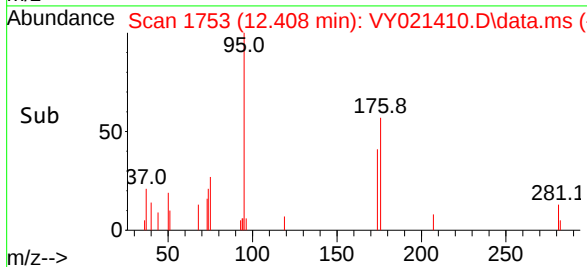
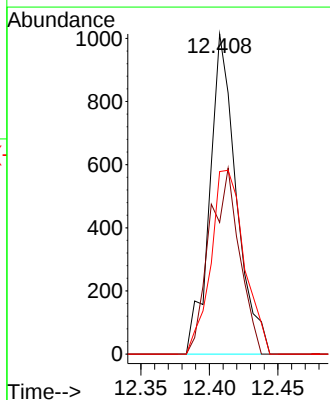
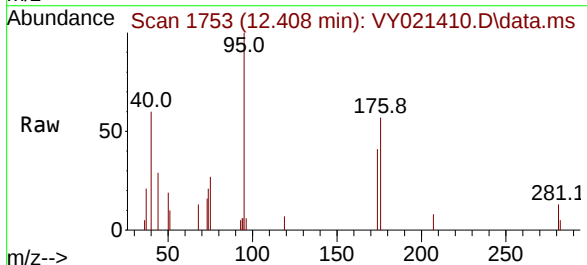
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-02282025

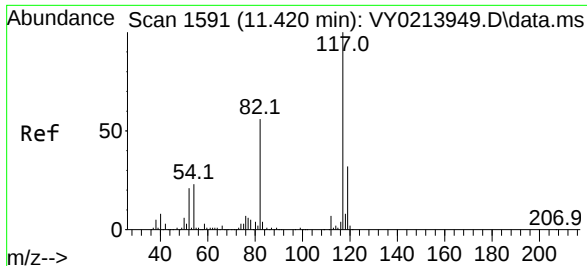
Tgt Ion: 98 Resp: 11136
Ion Ratio Lower Upper
98 100
100 62.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 16.280 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021410.D
Acq: 05 Mar 2025 14:11

Tgt Ion: 95 Resp: 1370
Ion Ratio Lower Upper
95 100
174 65.4 0.0 168.0
176 72.2 0.0 162.6

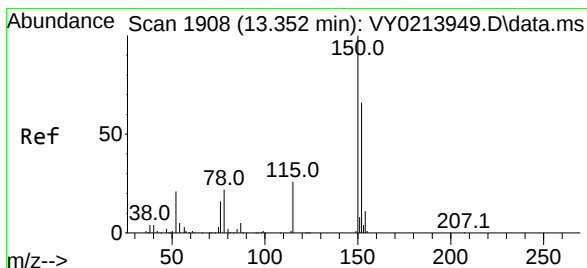
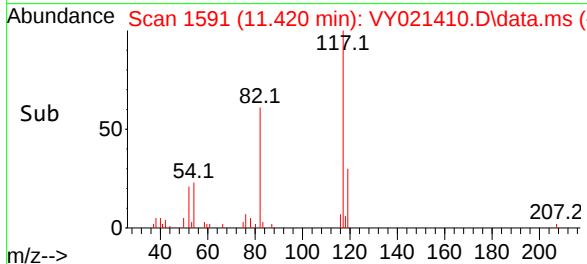
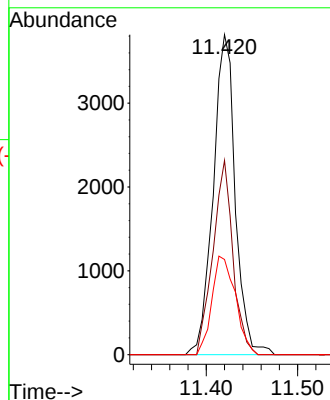
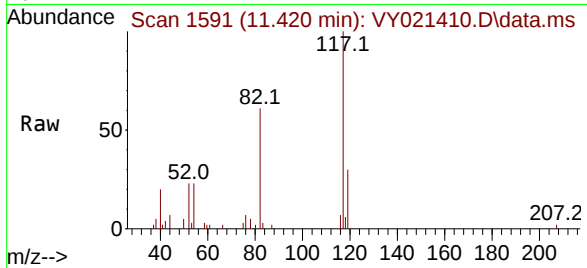




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY021410.D
Acq: 05 Mar 2025 14:11

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-02282025

Tgt Ion:117	Resp:	6403
Ion Ratio	Lower	Upper
117	100	
82	60.7	46.2 69.4
119	29.8	24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021410.D
Acq: 05 Mar 2025 14:11

Tgt Ion:152	Resp:	744
Ion Ratio	Lower	Upper
152	100	
115	56.9	29.3 88.0
150	130.5	0.0 347.4

