

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021550.D
 Acq On : 17 Mar 2025 15:08
 Operator : SY/MD
 Sample : Q1585-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-03142025RE

Quant Time: Mar 18 01:27:23 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	58836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	90594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	69453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	21253	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	28949	46.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.100%
35) Dibromofluoromethane	7.634	113	32226	54.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.240%
50) Toluene-d8	10.109	98	104322	46.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.408	95	23736	30.948	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.900%

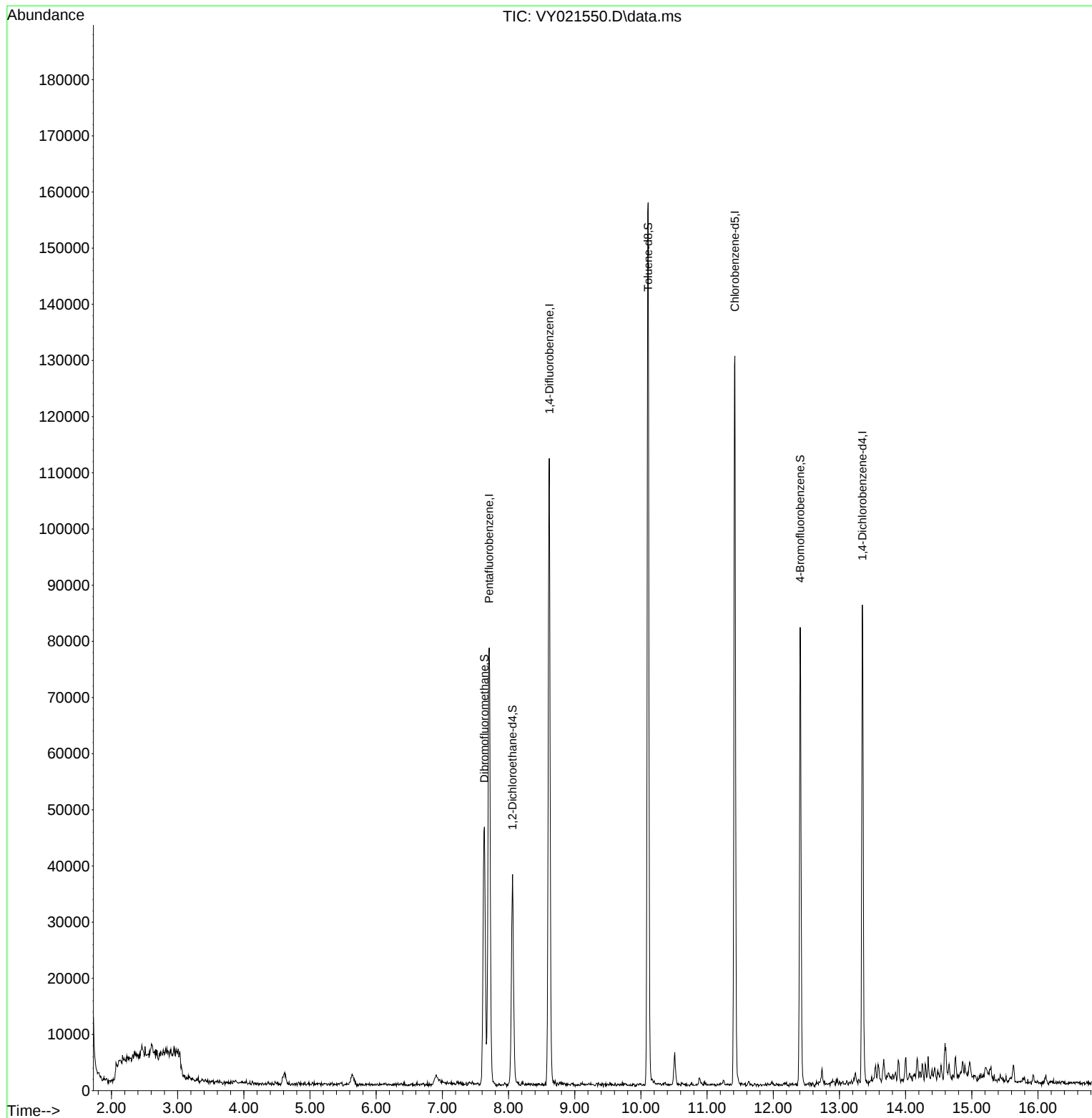
Target Compounds	Qvalue

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

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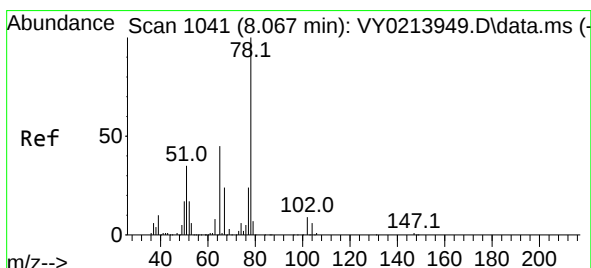
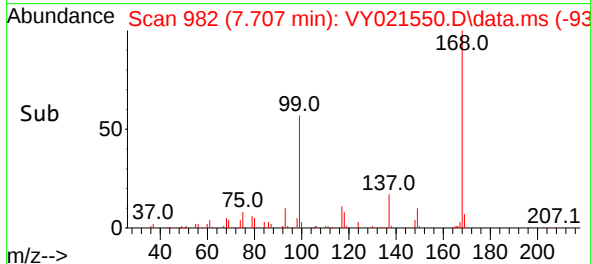
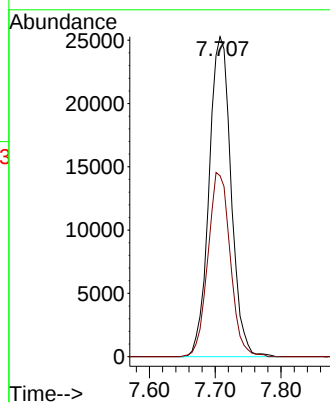
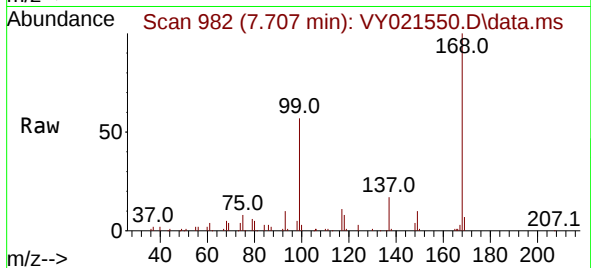




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021550.D
Acq: 17 Mar 2025 15:08

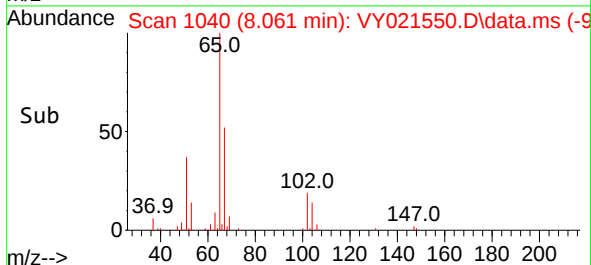
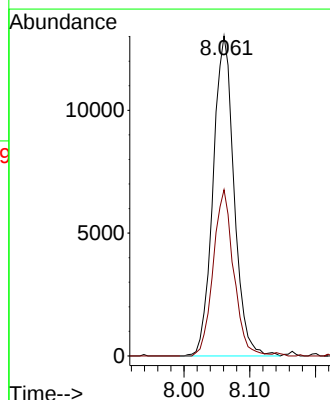
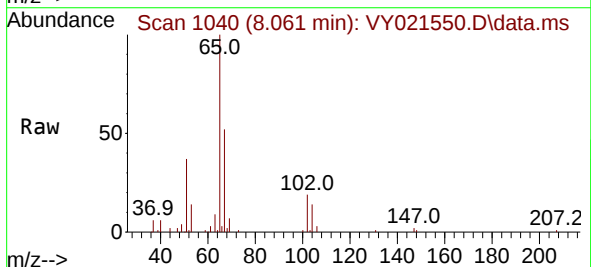
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-03142025RE

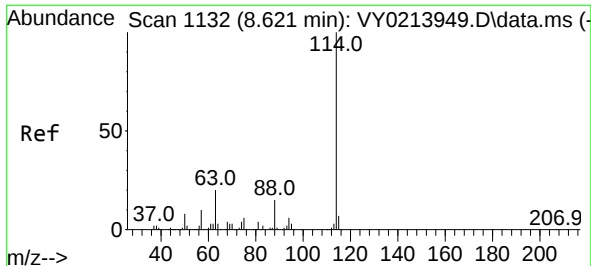
Tgt Ion:168 Resp: 58836
Ion Ratio Lower Upper
168 100
99 56.6 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 46.552 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021550.D
Acq: 17 Mar 2025 15:08

Tgt Ion: 65 Resp: 28949
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.8

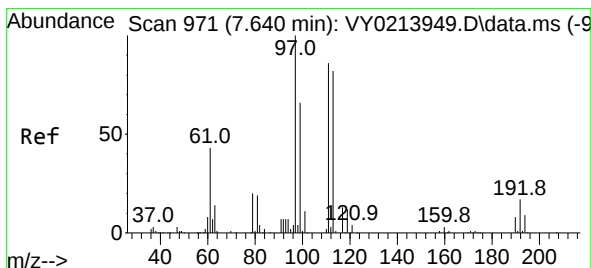
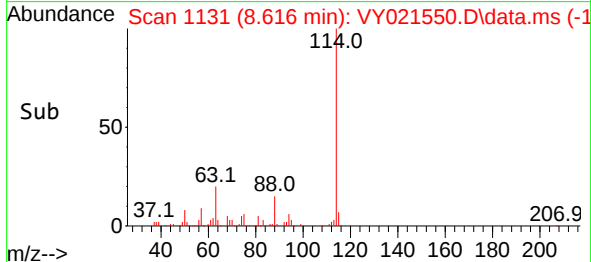
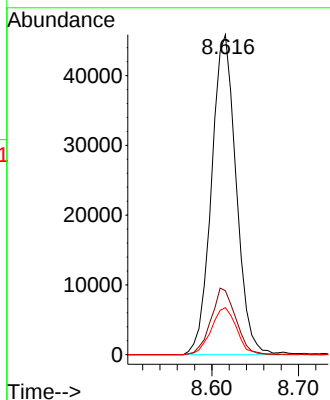
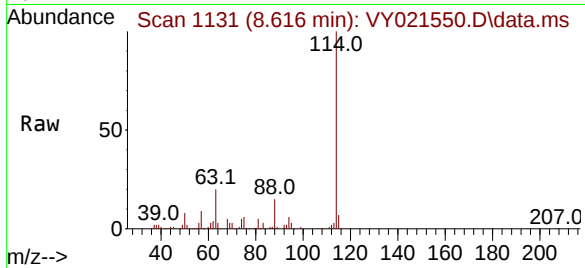




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021550.D
Acq: 17 Mar 2025 15:08

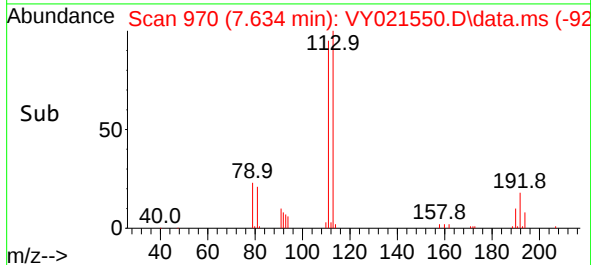
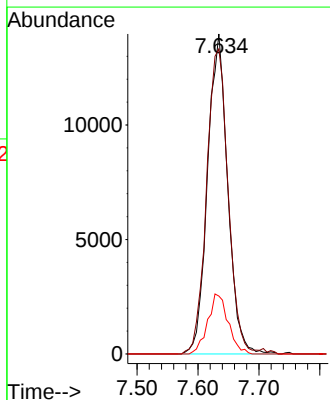
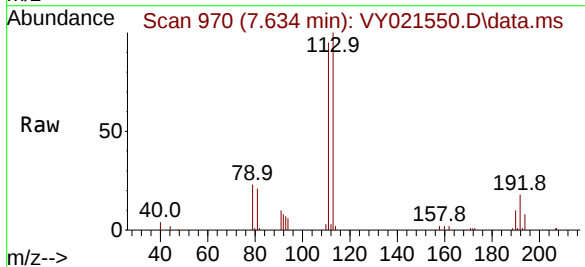
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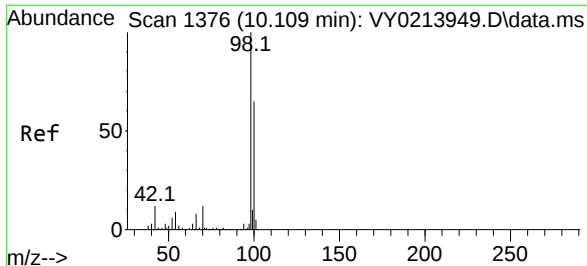
Tgt Ion:	114	Resp:	90594
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	40.8
88	14.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.117 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021550.D
Acq: 17 Mar 2025 15:08

Tgt Ion:	113	Resp:	32226
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.0	123.0
192	18.9	15.9	23.9

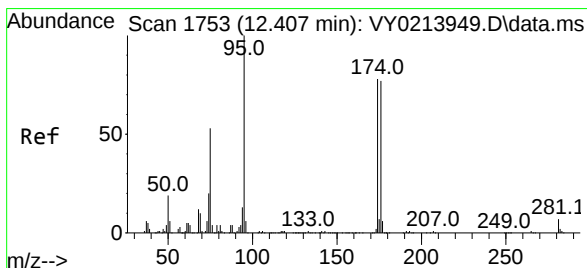
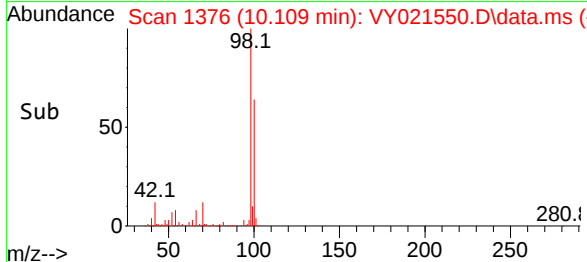
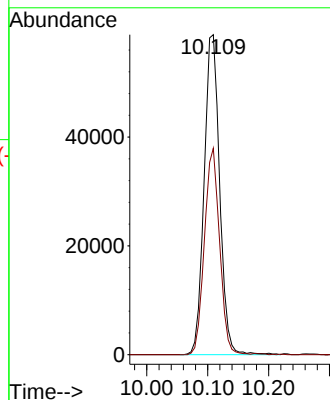
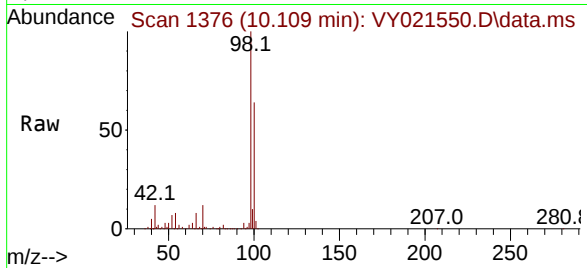




#50
Toluene-d8
Concen: 46.269 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021550.D
Acq: 17 Mar 2025 15:08

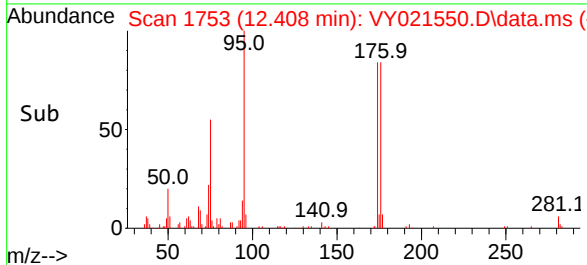
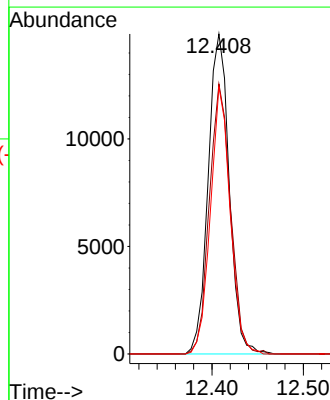
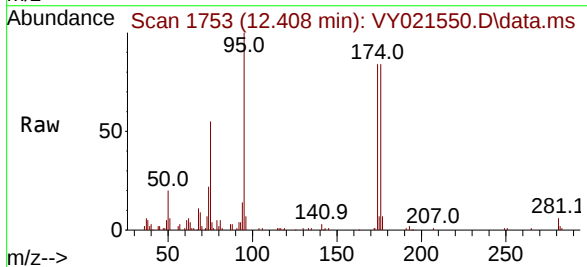
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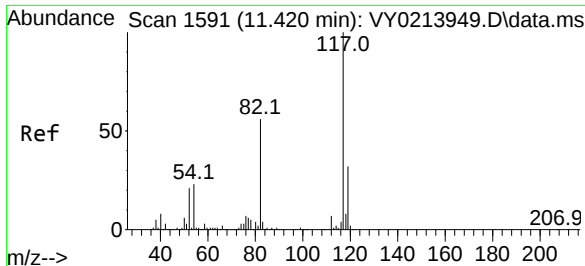
Tgt Ion: 98 Resp: 104322
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 30.948 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021550.D
Acq: 17 Mar 2025 15:08

Tgt Ion: 95 Resp: 23736
Ion Ratio Lower Upper
95 100
174 85.1 0.0 165.0
176 78.7 0.0 160.0

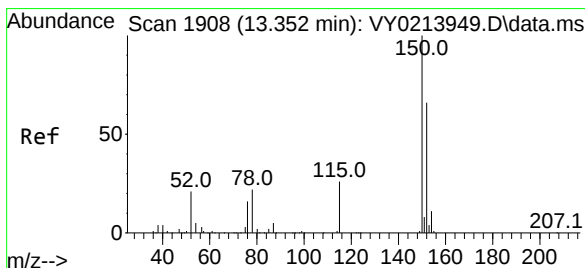
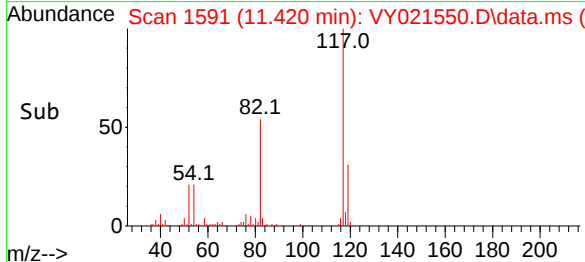
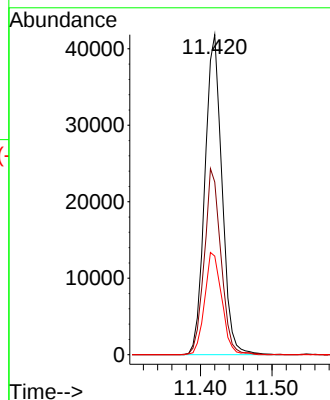
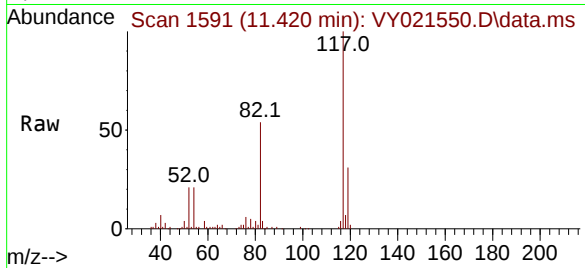




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY021550.D
Acq: 17 Mar 2025 15:08

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-03142025RE

Tgt Ion:	117	Resp:	69453
Ion Ratio	Lower	Upper	
117	100		
82	54.0	44.6	67.0
119	30.8	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: VY021550.D
Acq: 17 Mar 2025 15:08

Tgt Ion:	152	Resp:	21253
Ion Ratio	Lower	Upper	
152	100		
115	60.1	29.0	87.0
150	154.9	0.0	347.2

