

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021840.D
 Acq On : 10 Apr 2025 16:00
 Operator : SY/MD
 Sample : Q1752-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 11 01:51:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	201985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	378777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	322316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116610	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118776	54.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.540%
35) Dibromofluoromethane	7.634	113	125961	51.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.520%
50) Toluene-d8	10.109	98	458018	48.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.408	95	124052	39.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.480%

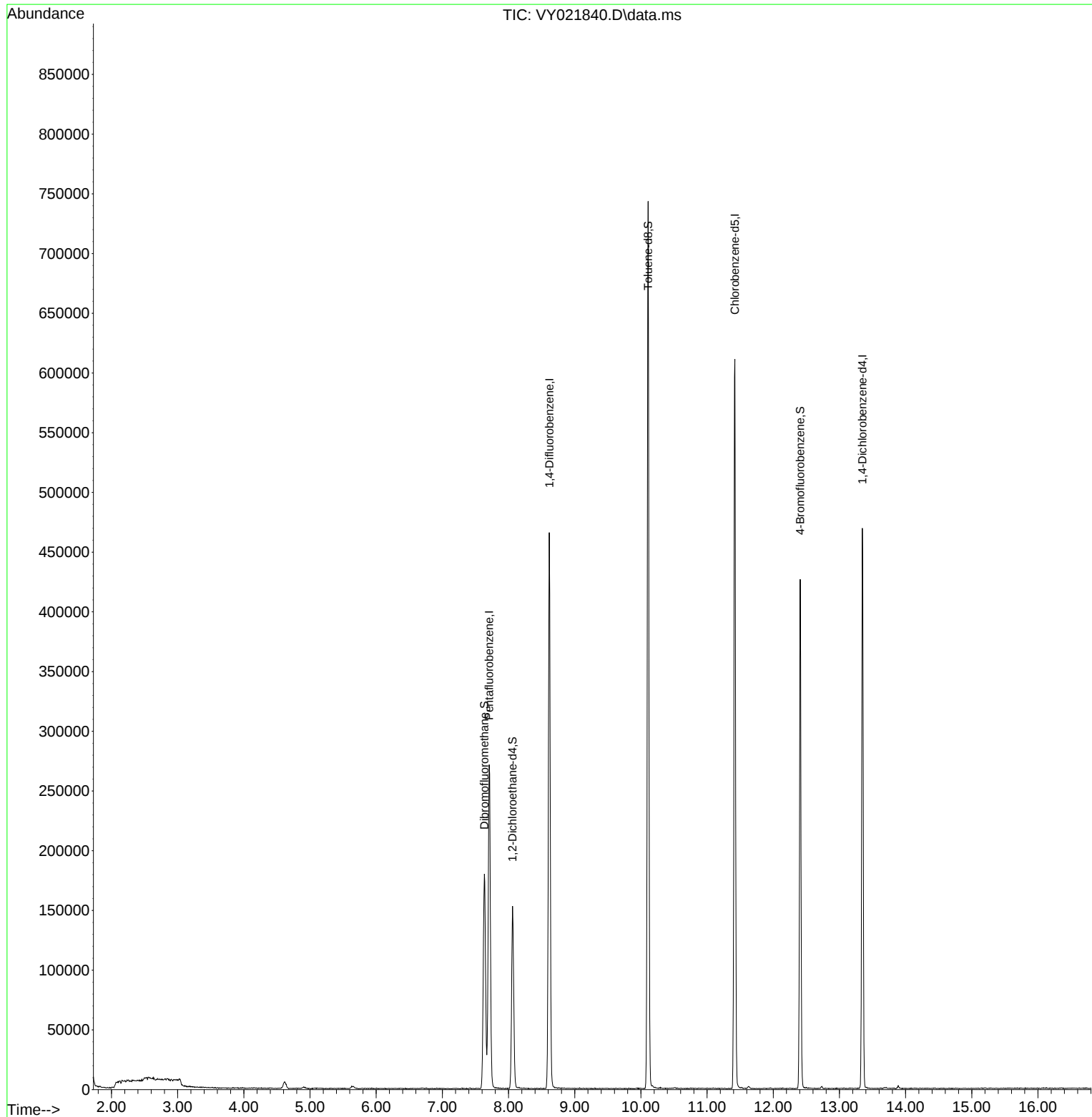
Target Compounds	Qvalue

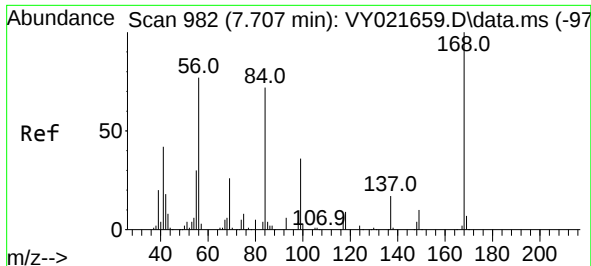
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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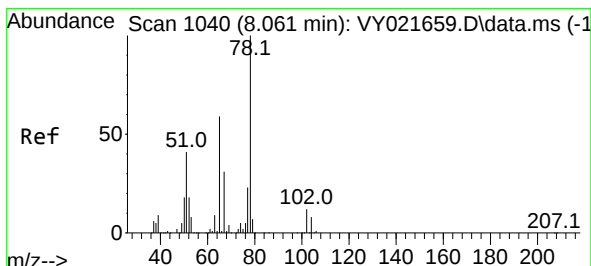
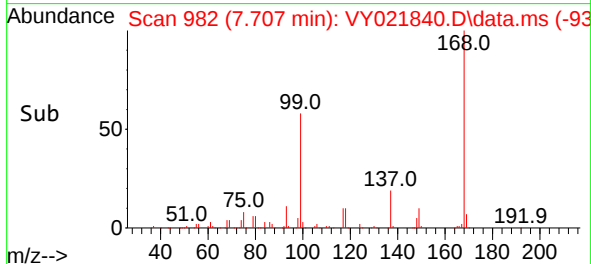
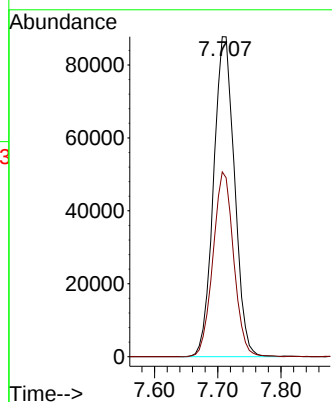
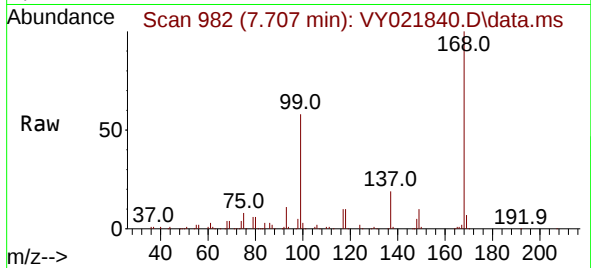




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

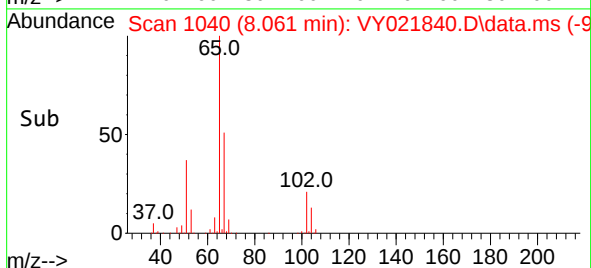
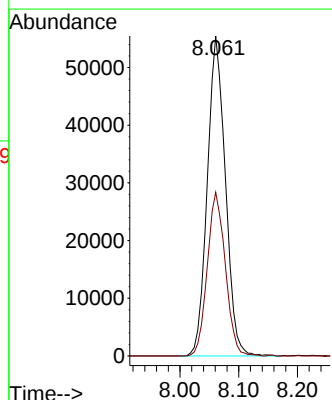
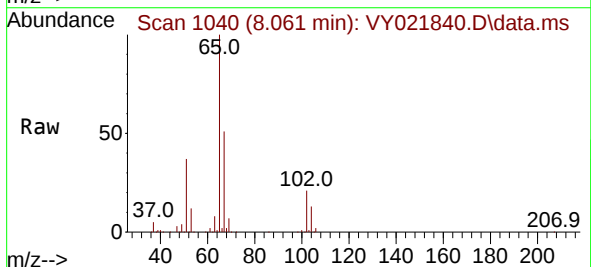
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

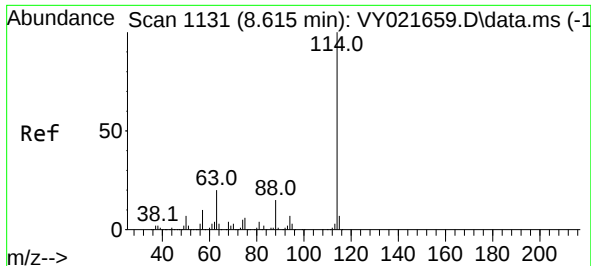
Tgt Ion:168 Resp: 201985
Ion Ratio Lower Upper
168 100
99 57.8 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 54.274 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Tgt Ion: 65 Resp: 118776
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.6

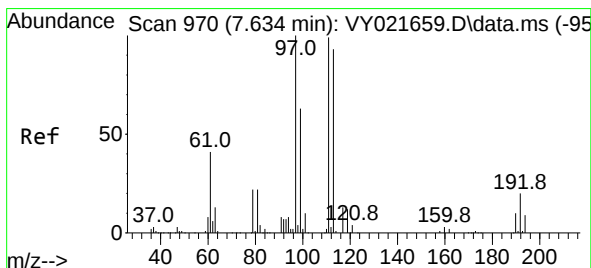
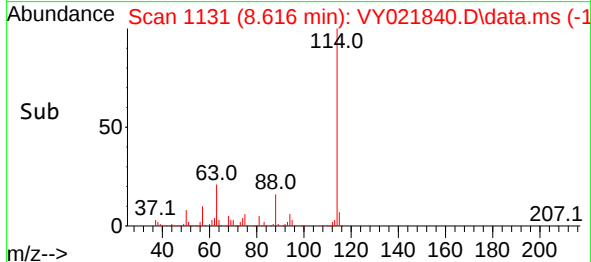
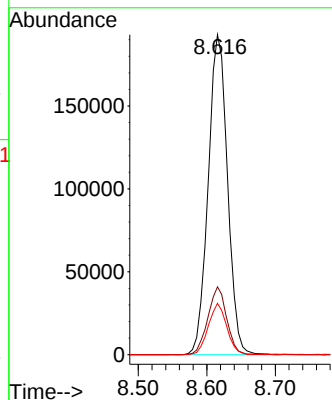
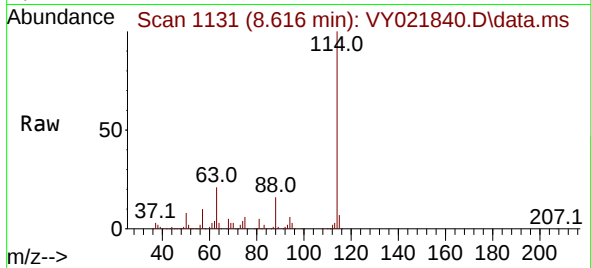




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

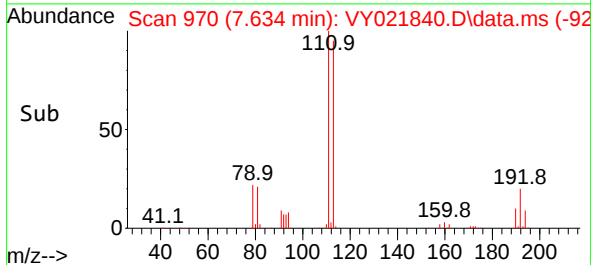
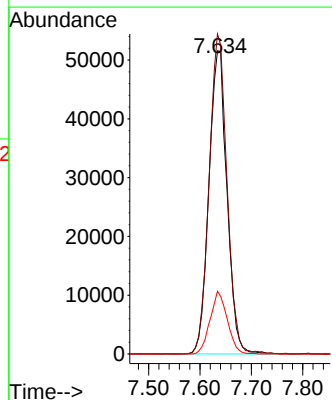
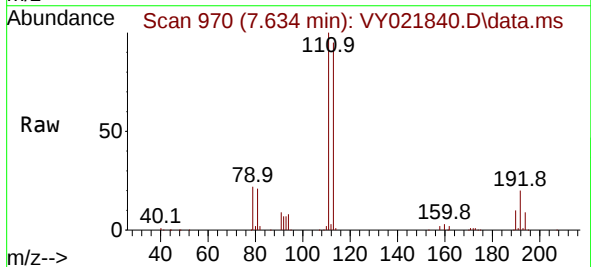
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

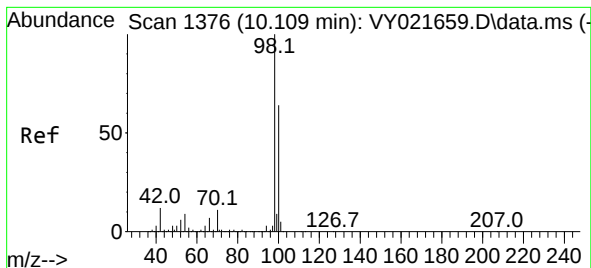
Tgt Ion:114 Resp: 378777
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.2
88 16.1 0.0 29.8



#35
Dibromofluoromethane
Concen: 51.265 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Tgt Ion:113 Resp: 125961
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 19.7 16.2 24.4

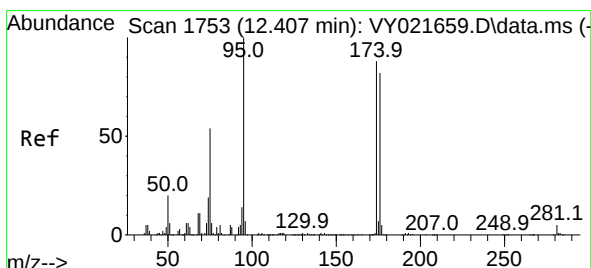
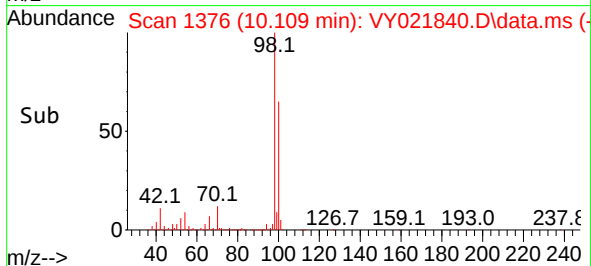
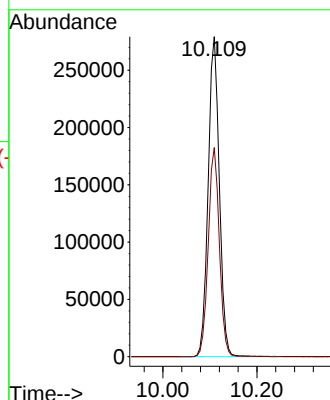
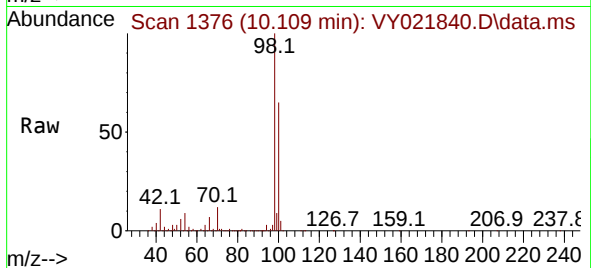




#50
Toluene-d8
Concen: 48.999 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

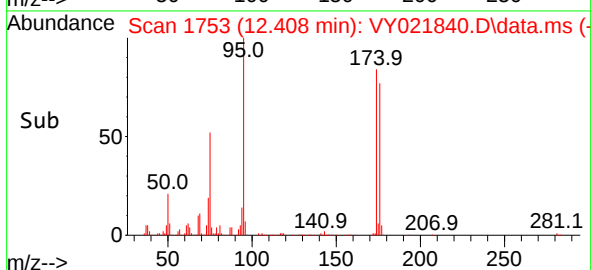
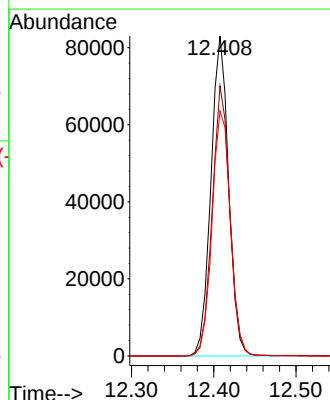
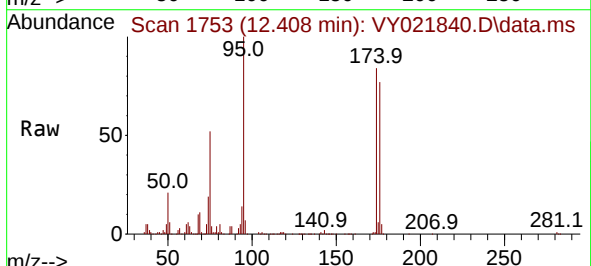
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

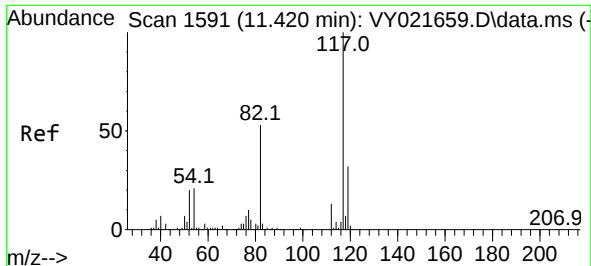
Tgt Ion: 98 Resp: 458018
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.235 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Tgt Ion: 95 Resp: 124052
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 79.7 0.0 162.0

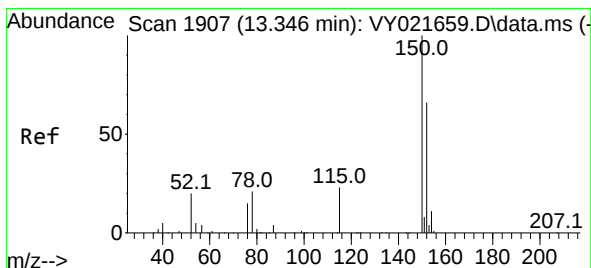
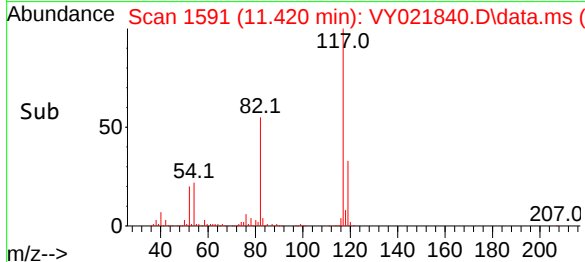
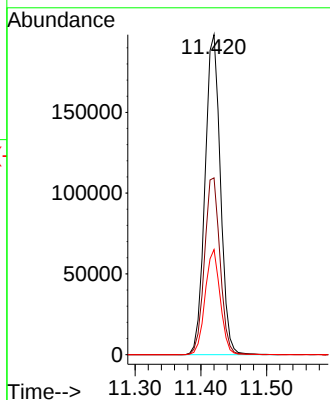
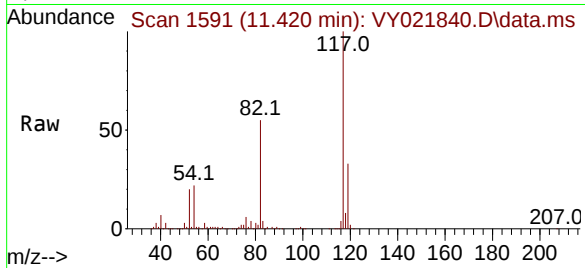




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 322316
Ion Ratio Lower Upper
117 100
82 55.2 42.8 64.2
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021840.D
Acq: 10 Apr 2025 16:00

Tgt Ion:152 Resp: 116610
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 158.3 0.0 348.4

