

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021866.D
 Acq On : 14 Apr 2025 10:21
 Operator : SY/MD
 Sample : VY0414SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBL01

Quant Time: Apr 14 23:29:18 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	274901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	484498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	394125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137282	46.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.180%
35) Dibromofluoromethane	7.634	113	157160	50.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.020%
50) Toluene-d8	10.109	98	559311	46.779	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.560%
62) 4-Bromofluorobenzene	12.408	95	150895	37.311	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.620%

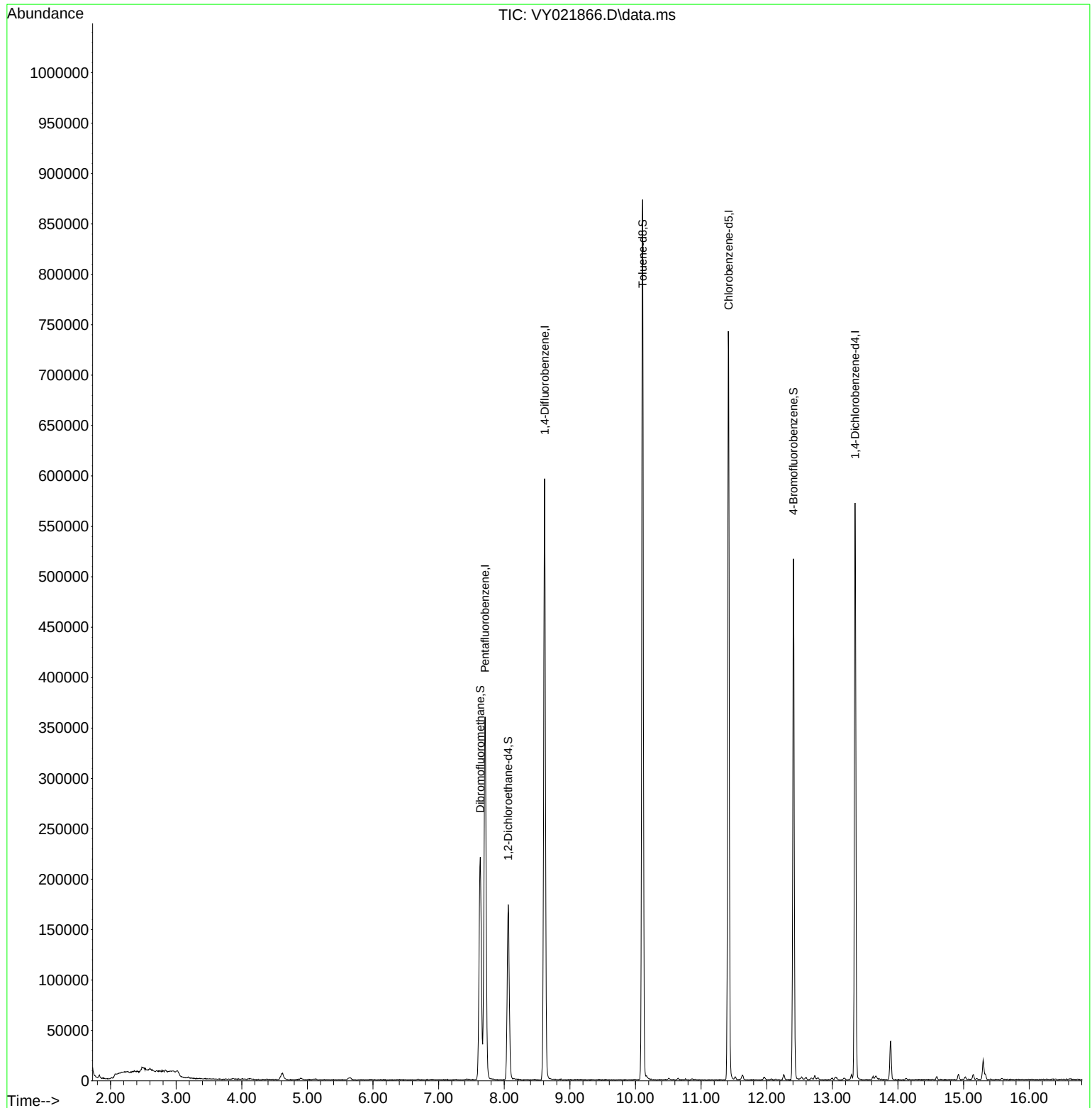
Target Compounds	Qvalue

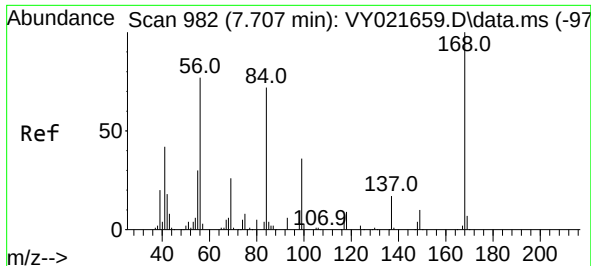
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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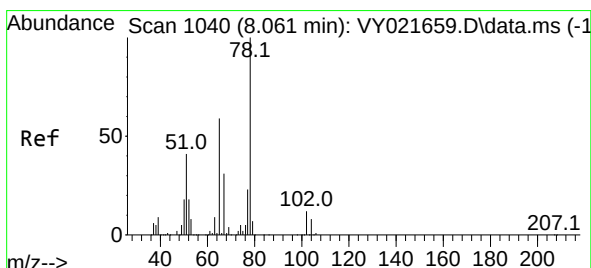
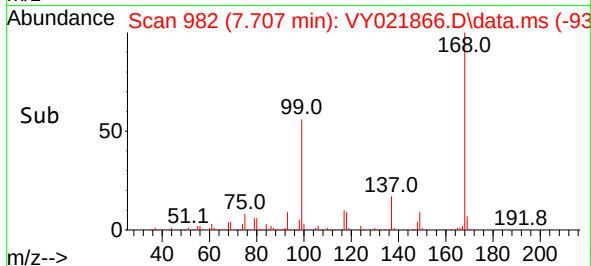
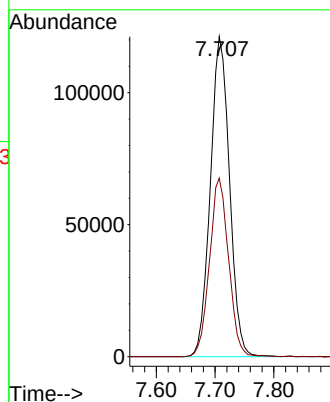
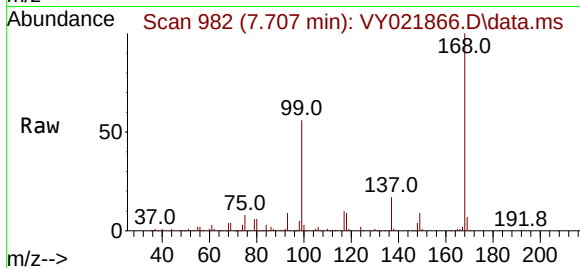




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

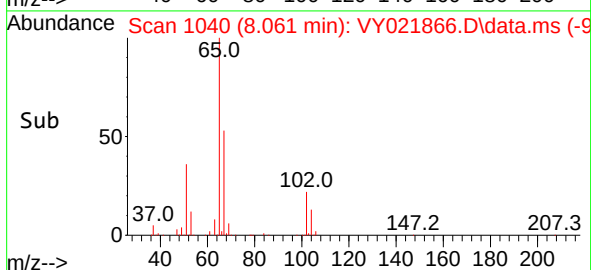
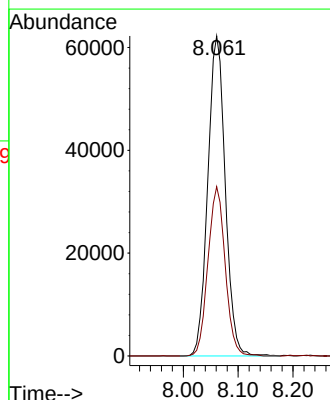
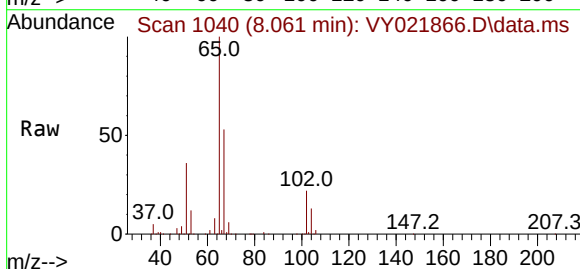
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

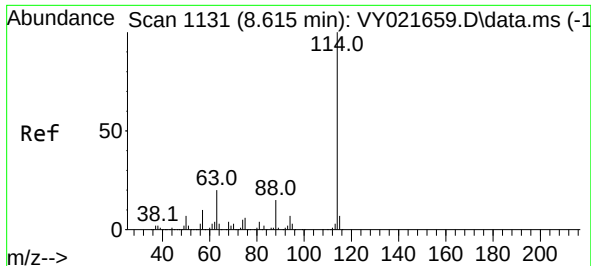
Tgt Ion:168 Resp: 274901
Ion Ratio Lower Upper
168 100
99 55.8 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 46.091 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Tgt Ion: 65 Resp: 137282
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.6

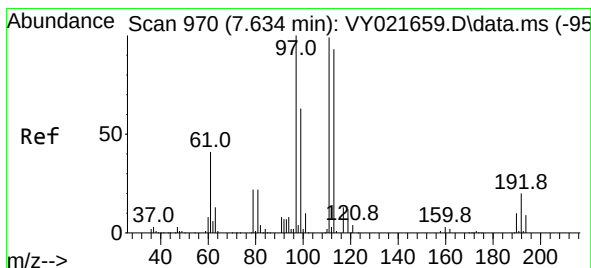
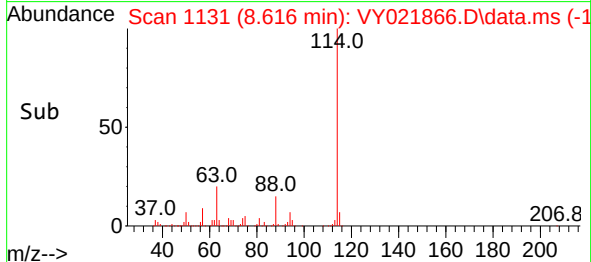
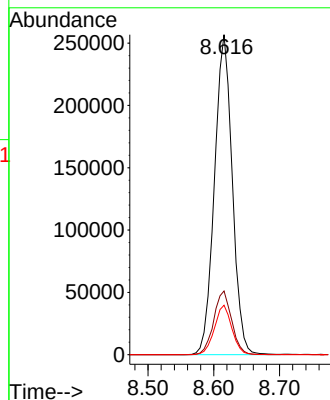
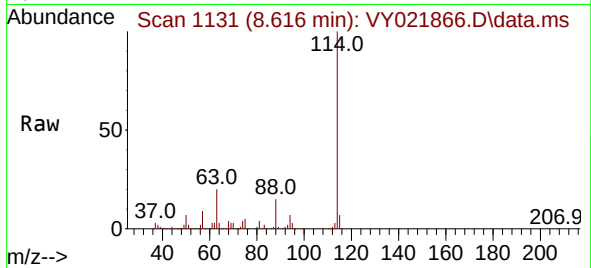




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

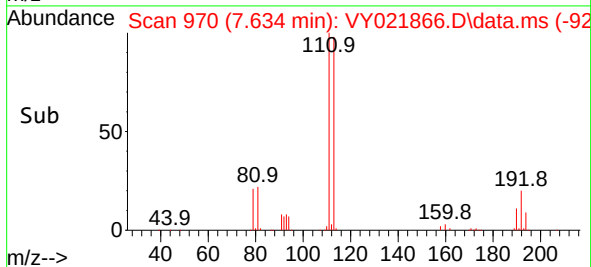
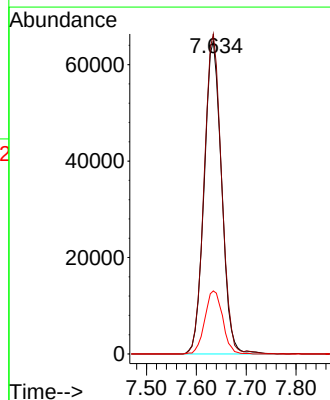
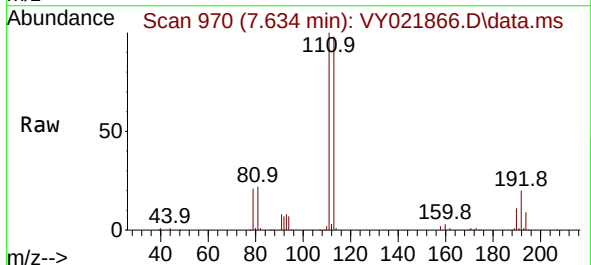
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

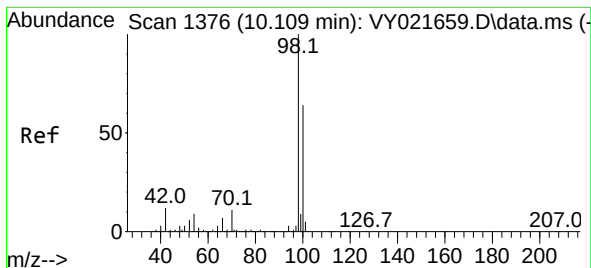
Tgt Ion:114 Resp: 484498
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 15.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.005 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Tgt Ion:113 Resp: 157160
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 20.7 16.2 24.4

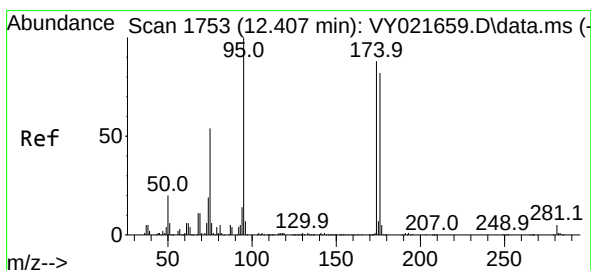
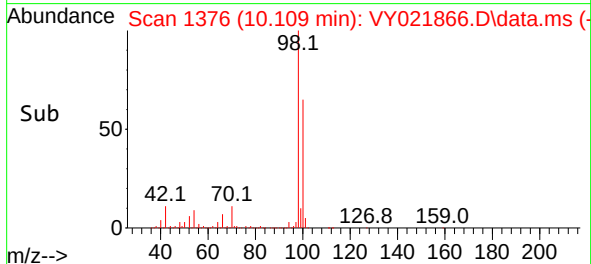
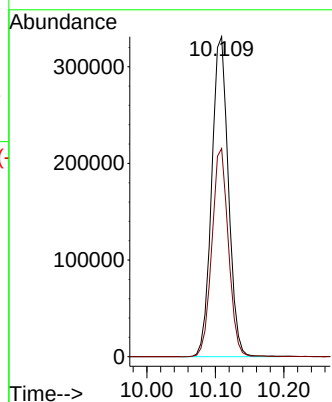
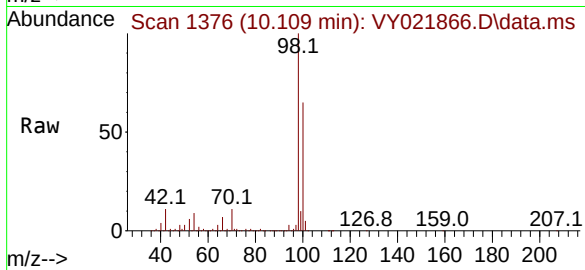




#50
Toluene-d8
Concen: 46.779 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

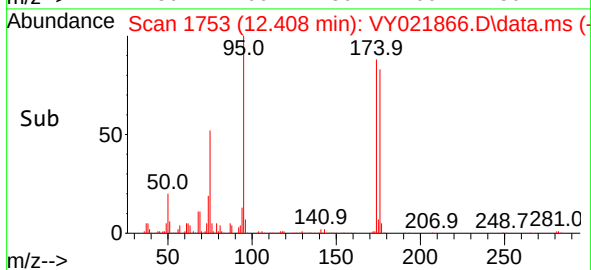
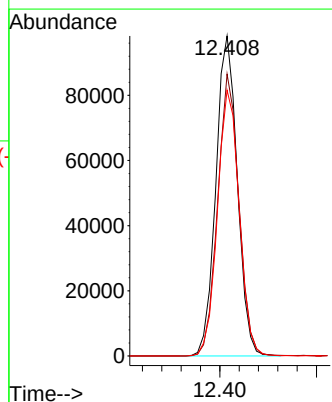
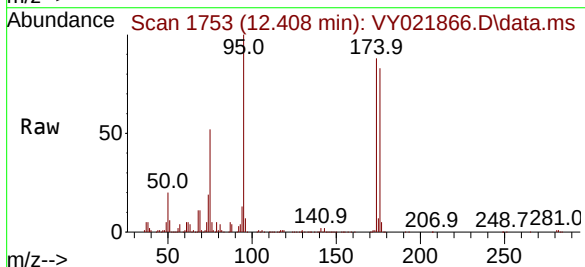
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

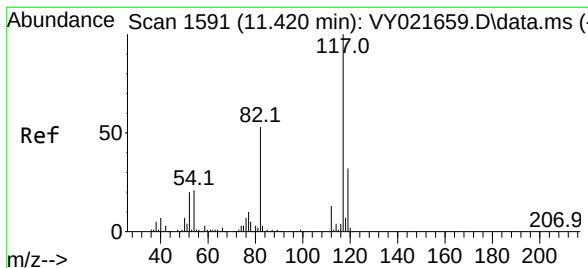
Tgt Ion: 98 Resp: 559311
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.311 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Tgt Ion: 95 Resp: 150895
Ion Ratio Lower Upper
95 100
174 87.4 0.0 170.8
176 84.4 0.0 162.0

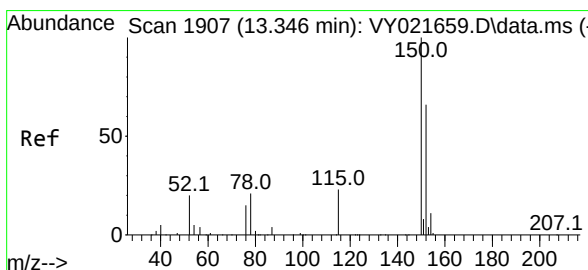
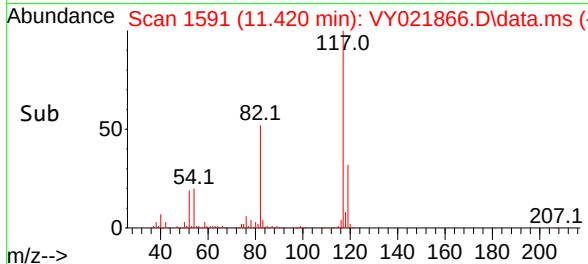
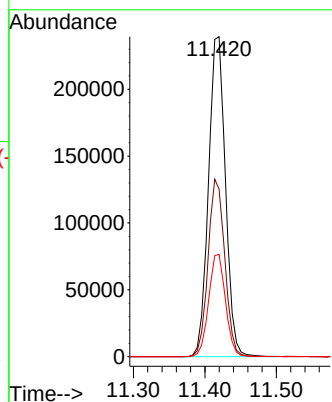
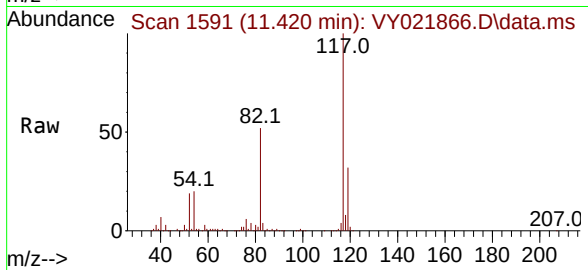




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021866.D
Acq: 14 Apr 2025 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBL01

Tgt Ion:117 Resp: 394125
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 32.0 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: VY021866.D
Acq: 14 Apr 2025 10:21

Tgt Ion:152 Resp: 142888
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 156.0 0.0 348.4

