

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021831.D
 Acq On : 10 Apr 2025 12:29
 Operator : SY/MD
 Sample : Q1754-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Quant Time: Apr 11 01:50:09 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	66500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	95639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	68039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	18512	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	27353	37.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.920%
35) Dibromofluoromethane	7.634	113	32892	53.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.040%
50) Toluene-d8	10.109	98	108943	46.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.408	95	20998	26.303	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.600%

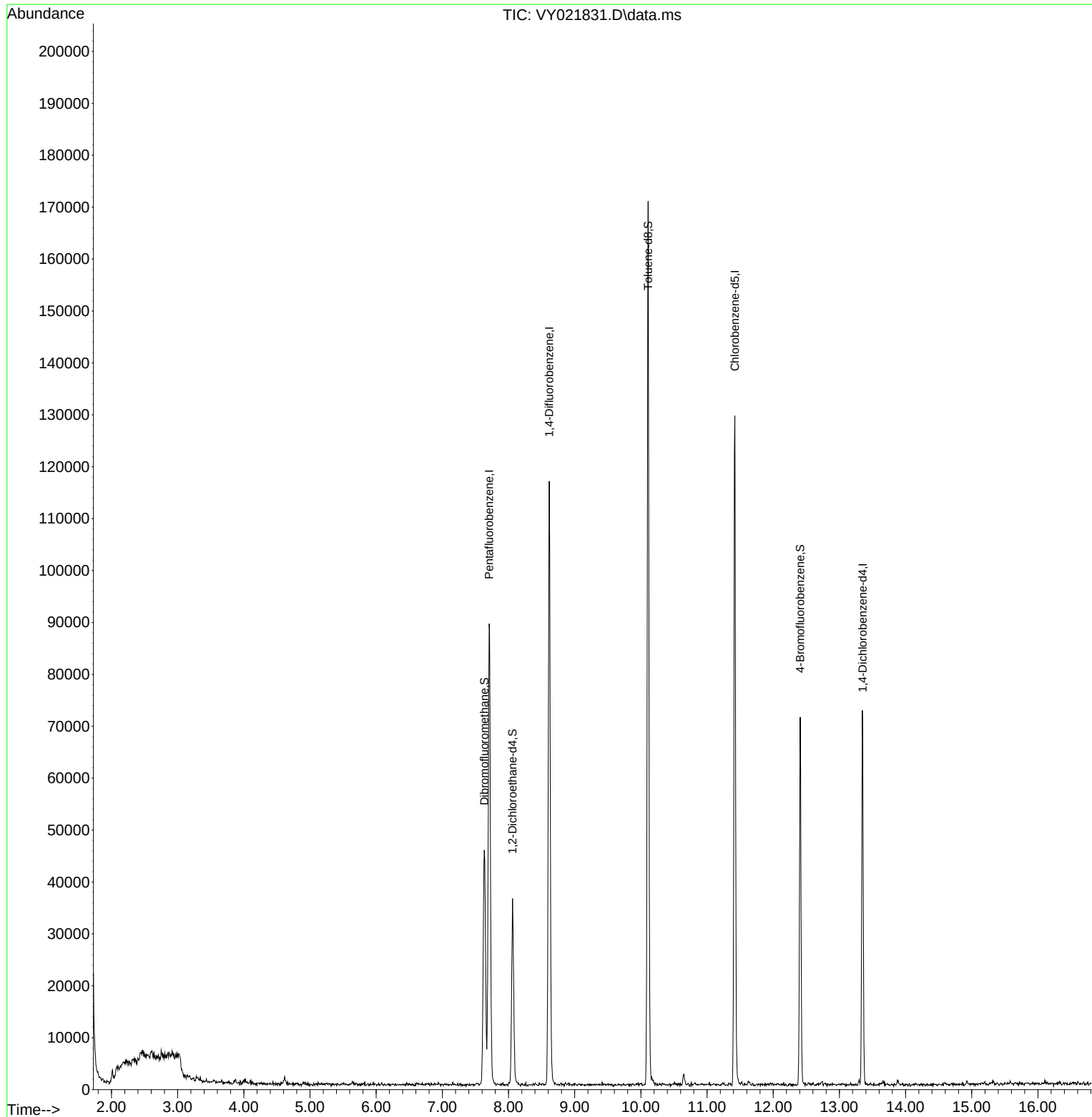
Target Compounds	Qvalue

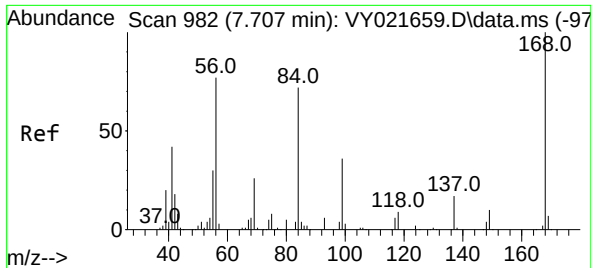
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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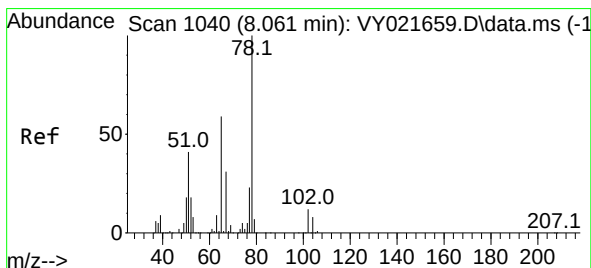
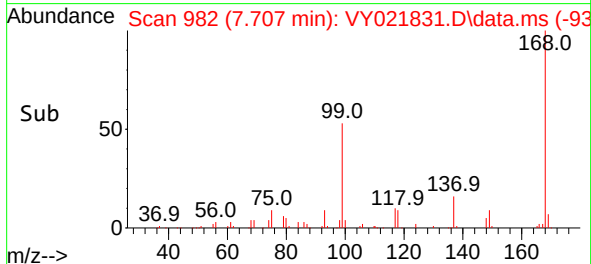
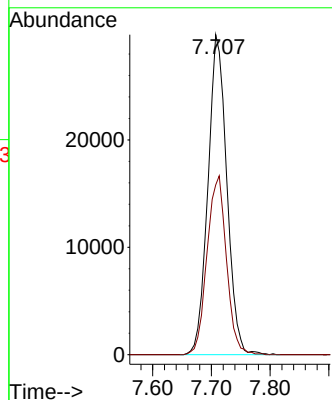
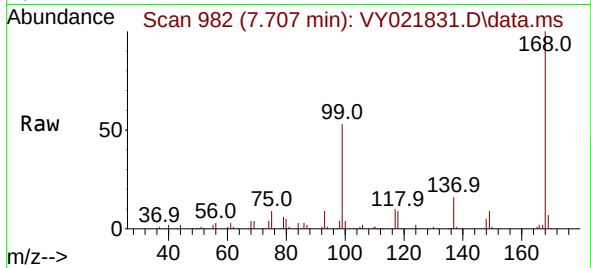




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021831.D
Acq: 10 Apr 2025 12:29

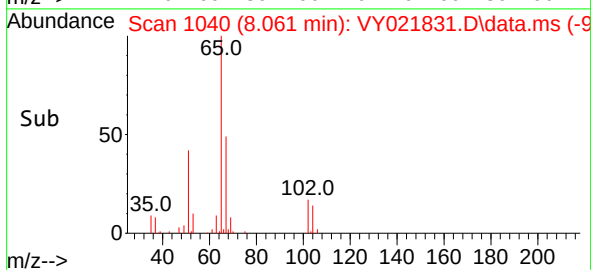
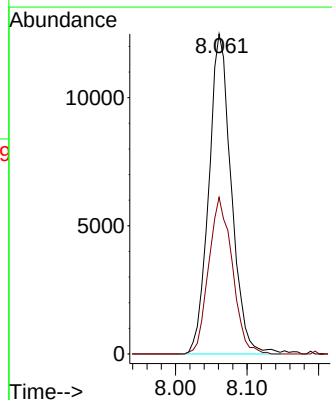
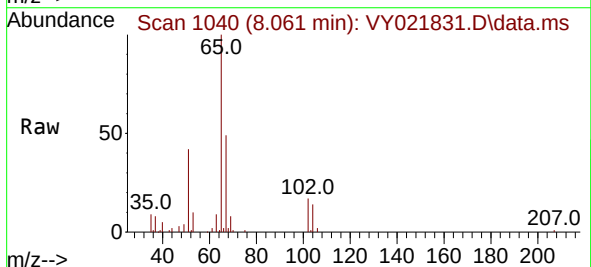
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

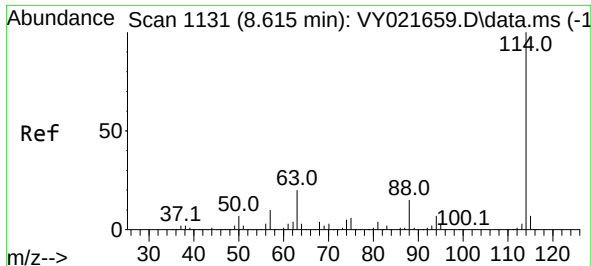
Tgt Ion:168 Resp: 66500
Ion Ratio Lower Upper
168 100
99 53.0 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 37.963 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021831.D
Acq: 10 Apr 2025 12:29

Tgt Ion: 65 Resp: 27353
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6

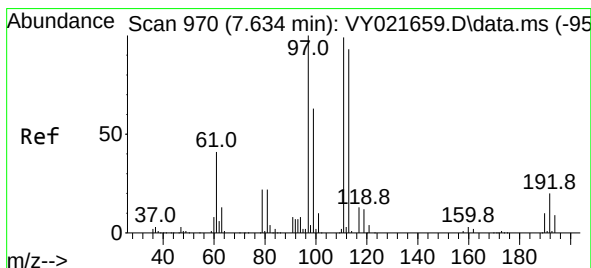
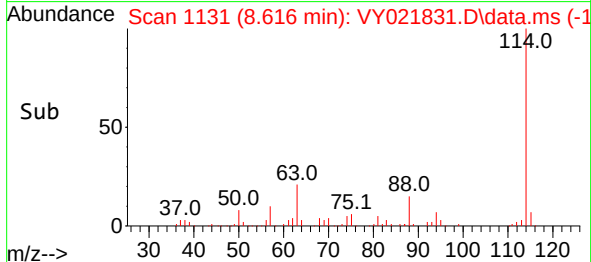
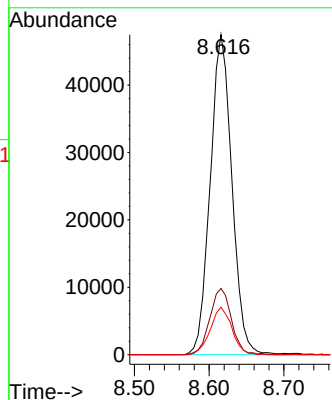
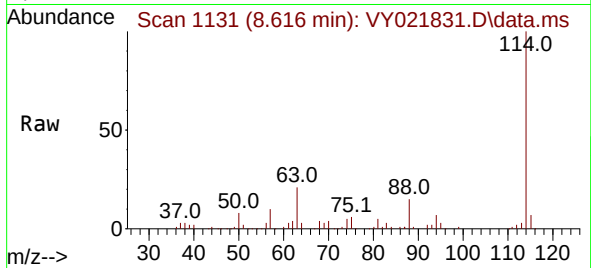




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021831.D
Acq: 10 Apr 2025 12:29

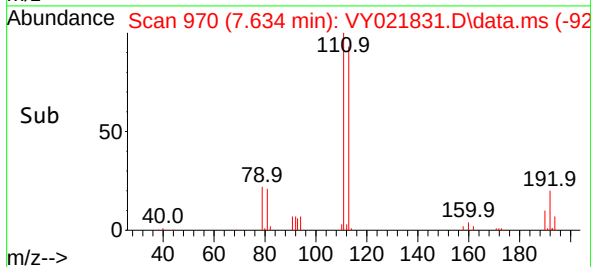
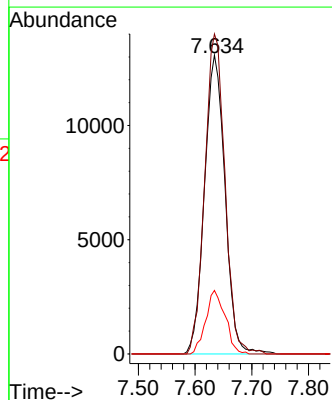
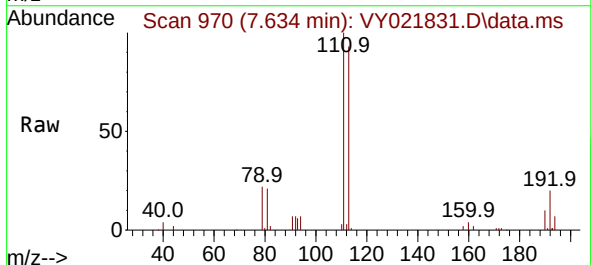
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

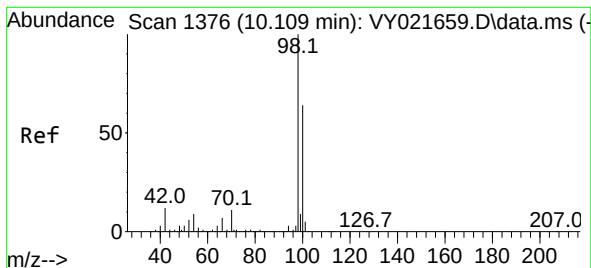
Tgt Ion:114 Resp: 95639
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.2
88 14.9 0.0 29.8



#35
Dibromofluoromethane
Concen: 53.018 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021831.D
Acq: 10 Apr 2025 12:29

Tgt Ion:113 Resp: 32892
Ion Ratio Lower Upper
113 100
111 105.2 82.6 123.8
192 20.1 16.2 24.4





#50

Toluene-d8

Concen: 46.159 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021831.D

Acq: 10 Apr 2025 12:29

Instrument :

MSVOA_Y

ClientSampleId :

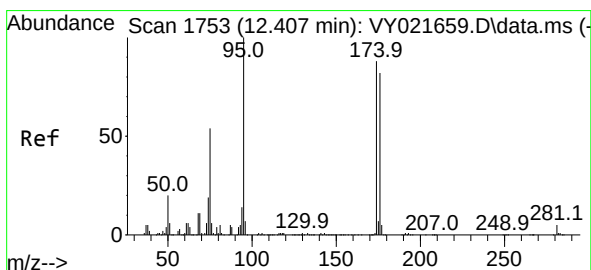
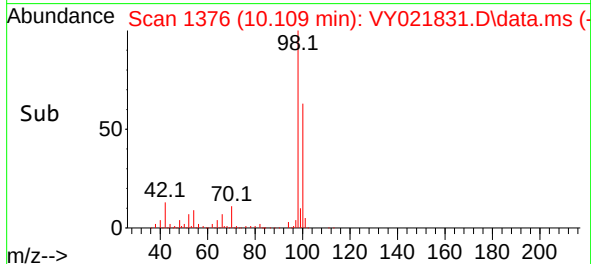
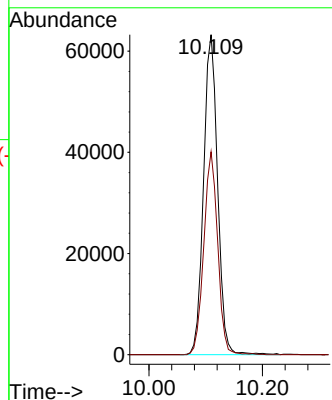
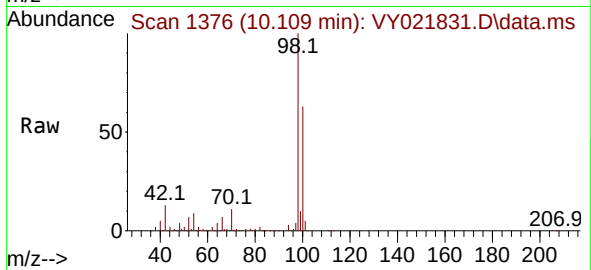
TP-1RE

Tgt Ion: 98 Resp: 108943

Ion Ratio Lower Upper

98 100

100 62.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 26.303 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021831.D

Acq: 10 Apr 2025 12:29

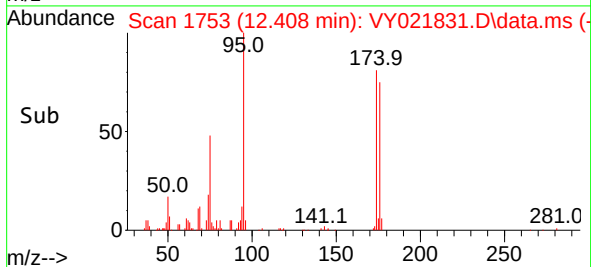
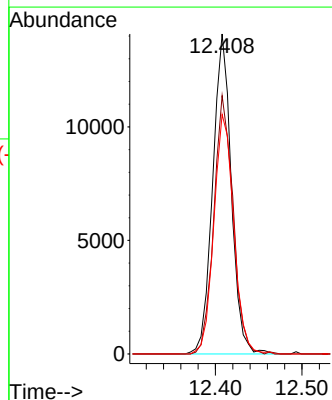
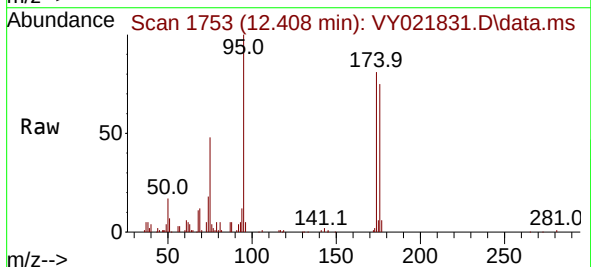
Tgt Ion: 95 Resp: 20998

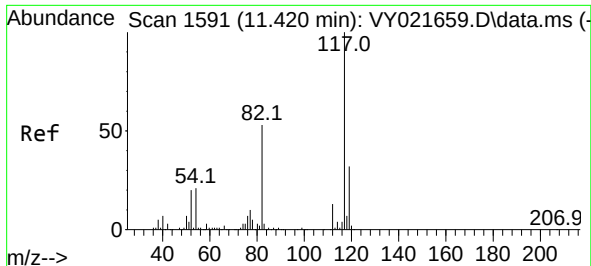
Ion Ratio Lower Upper

95 100

174 83.5 0.0 170.8

176 80.0 0.0 162.0

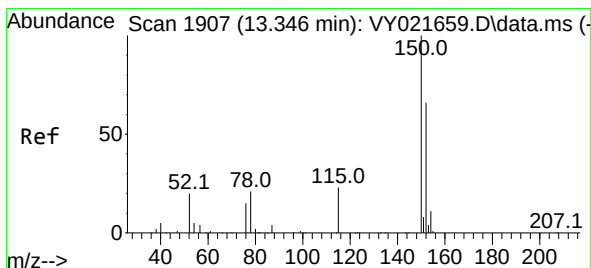
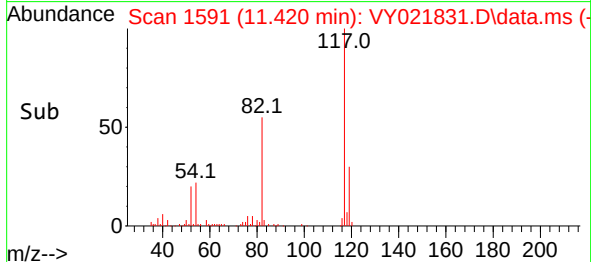
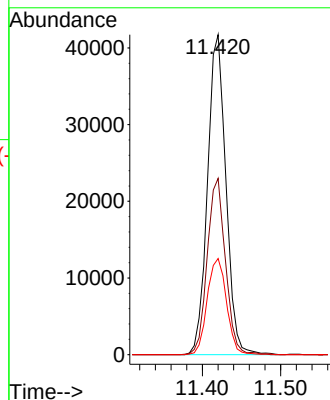
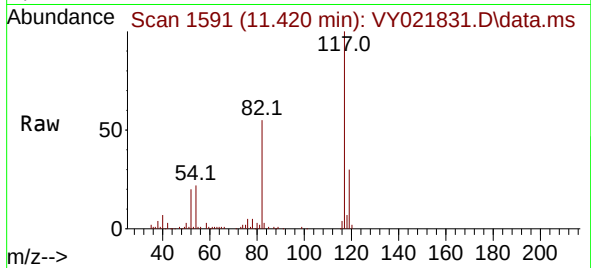




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021831.D
Acq: 10 Apr 2025 12:29

Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

Tgt Ion:117 Resp: 68039
Ion Ratio Lower Upper
117 100
82 55.1 42.8 64.2
119 30.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021831.D
Acq: 10 Apr 2025 12:29

Tgt Ion:152 Resp: 18512
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 154.3 0.0 348.4

