

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022085.D
 Acq On : 30 Apr 2025 16:18
 Operator : SY/MD
 Sample : Q1907-01
 Misc : 6.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CO-8R-WC

Quant Time: May 01 01:37:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	342212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	633894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	560130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	170072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	159503	50.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.920%
35) Dibromofluoromethane	7.628	113	210612	50.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.580%
50) Toluene-d8	10.103	98	777824	49.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.540%
62) 4-Bromofluorobenzene	12.401	95	202571	38.114	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.220%

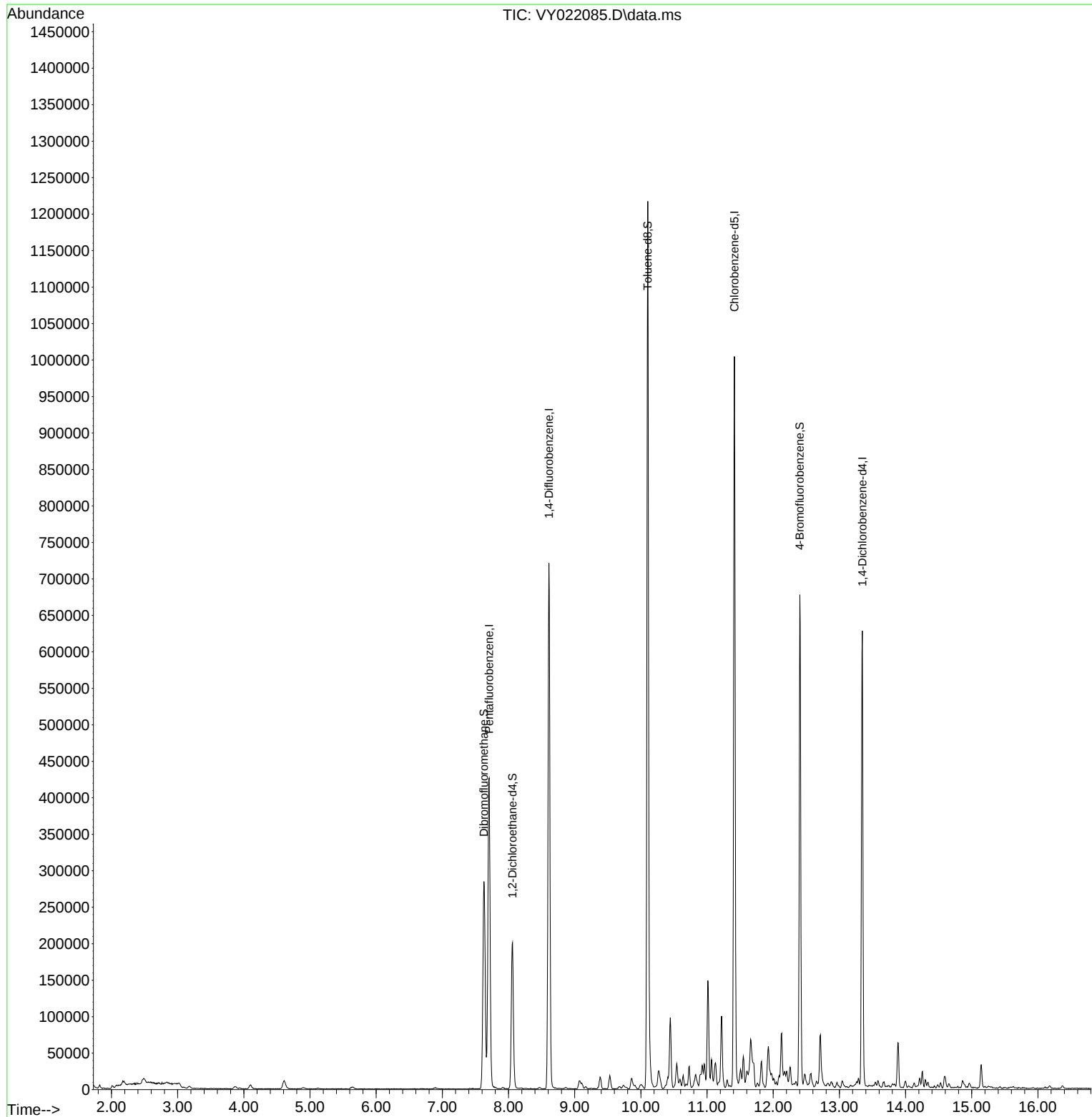
Target Compounds	Qvalue

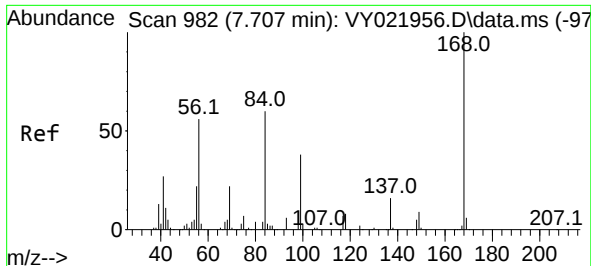
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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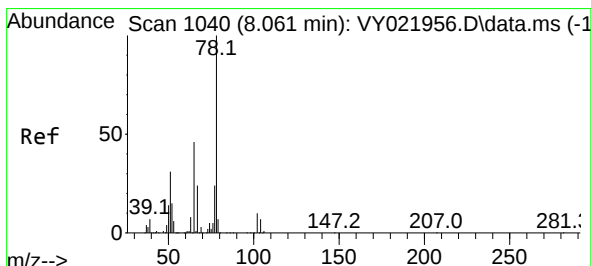
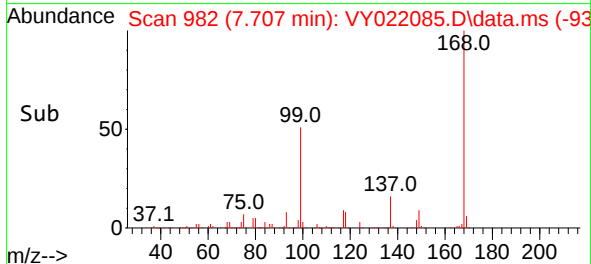
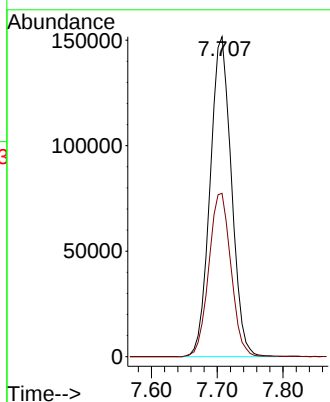
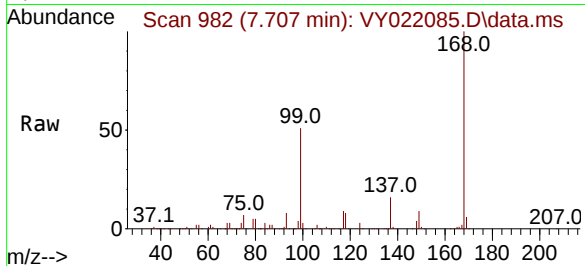




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022085.D
Acq: 30 Apr 2025 16:18

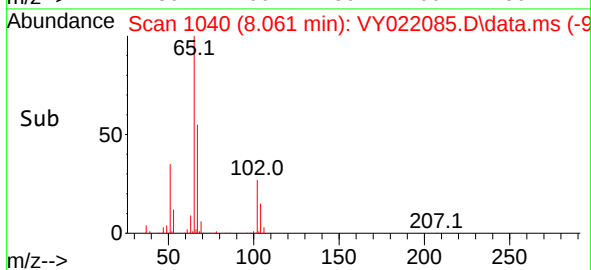
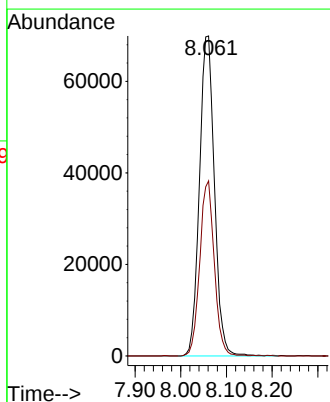
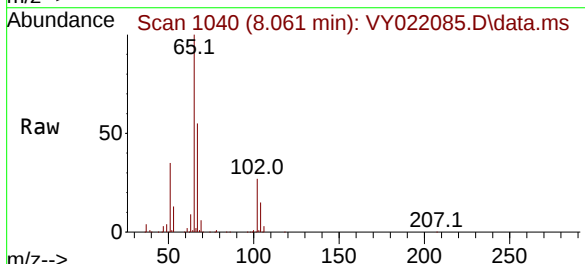
Instrument :
MSVOA_Y
ClientSampleId :
CO-8R-WC

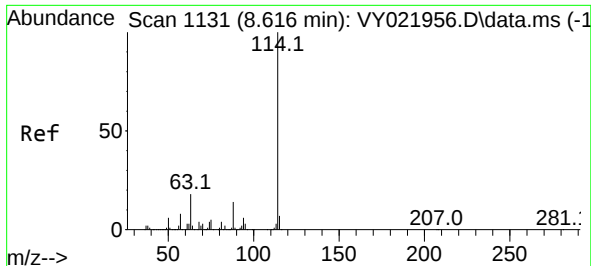
Tgt Ion:168 Resp: 342212
Ion Ratio Lower Upper
168 100
99 51.1 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 50.460 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022085.D
Acq: 30 Apr 2025 16:18

Tgt Ion: 65 Resp: 159503
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY022085.D

Acq: 30 Apr 2025 16:18

Instrument :

MSVOA_Y

ClientSampleId :

CO-8R-WC

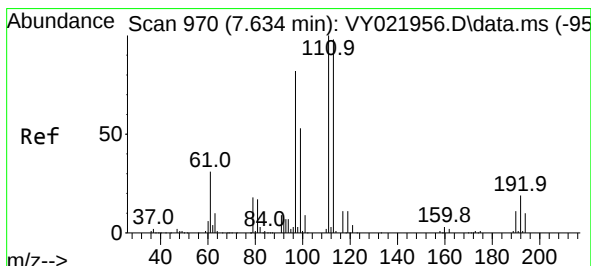
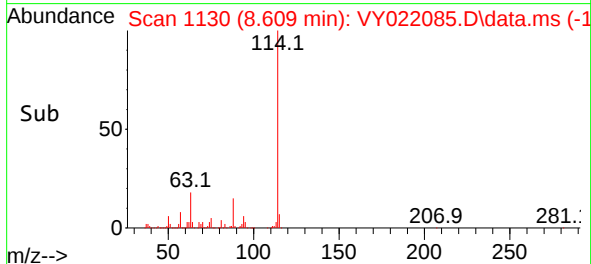
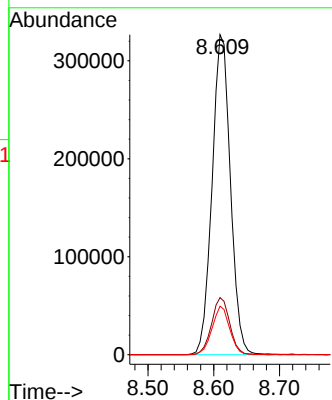
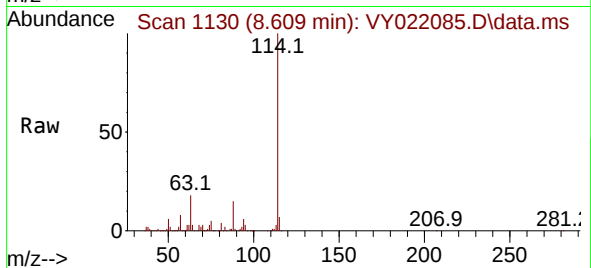
Tgt Ion:114 Resp: 633894

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.4

88 15.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.291 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY022085.D

Acq: 30 Apr 2025 16:18

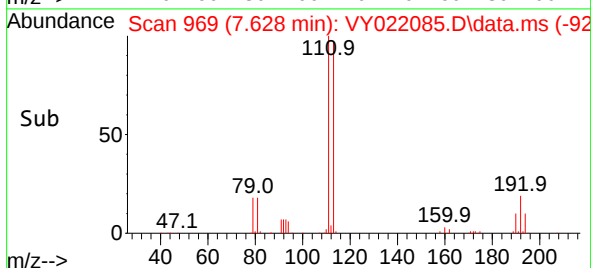
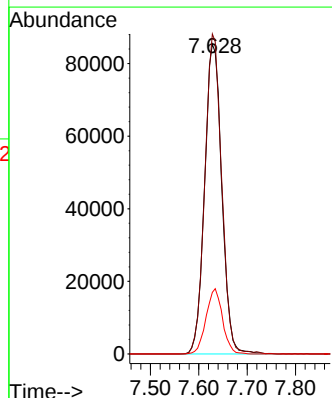
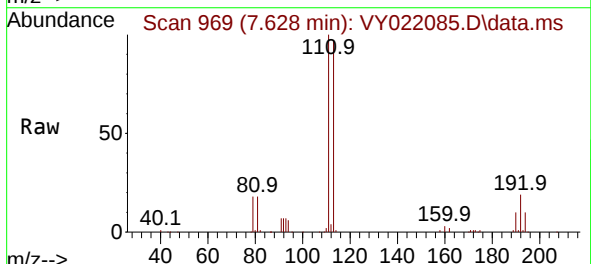
Tgt Ion:113 Resp: 210612

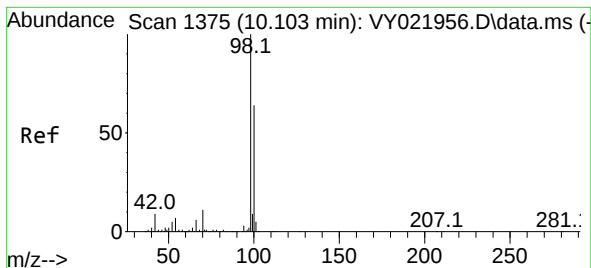
Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

192 20.2 15.6 23.4

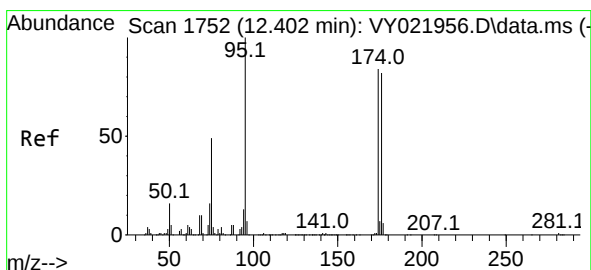
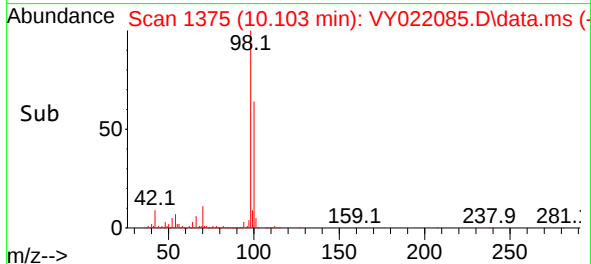
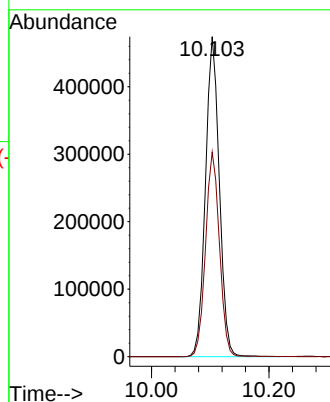
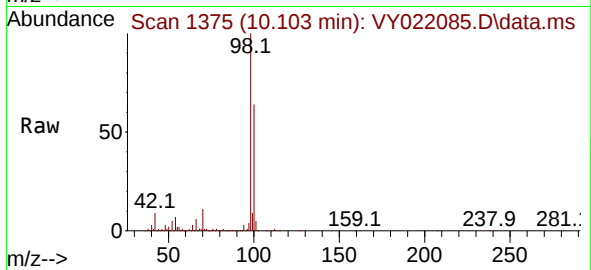




#50
Toluene-d8
Concen: 49.266 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022085.D
Acq: 30 Apr 2025 16:18

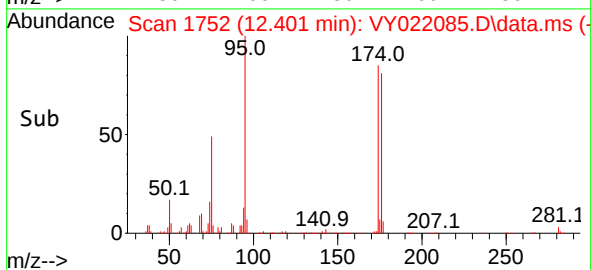
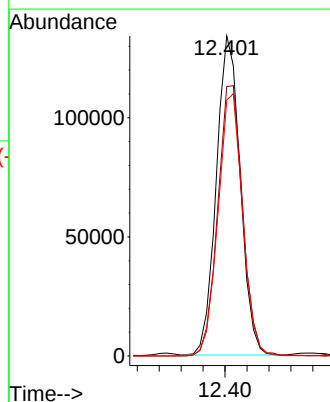
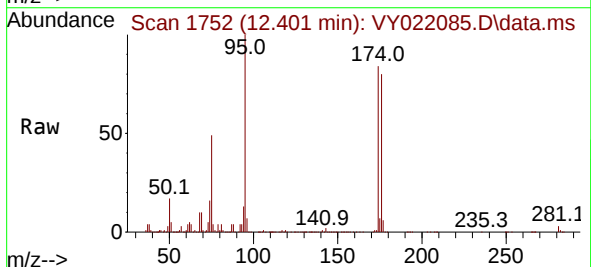
Instrument :
MSVOA_Y
ClientSampleId :
CO-8R-WC

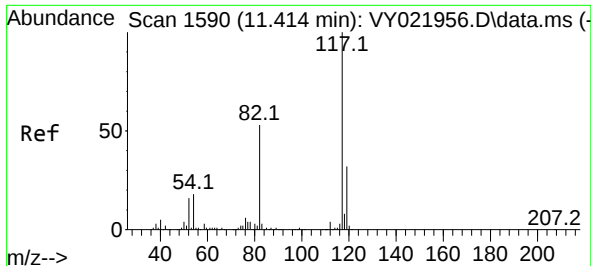
Tgt Ion: 98 Resp: 777824
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.114 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022085.D
Acq: 30 Apr 2025 16:18

Tgt Ion: 95 Resp: 202571
Ion Ratio Lower Upper
95 100
174 88.7 0.0 179.0
176 84.7 0.0 171.8

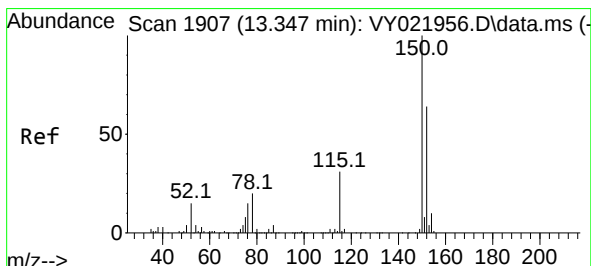
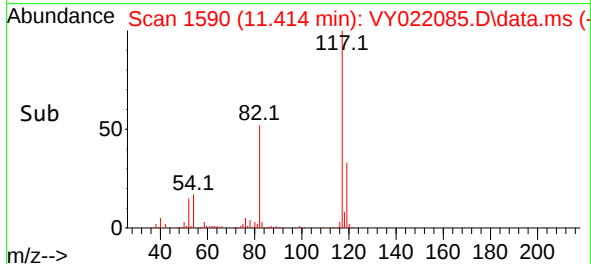
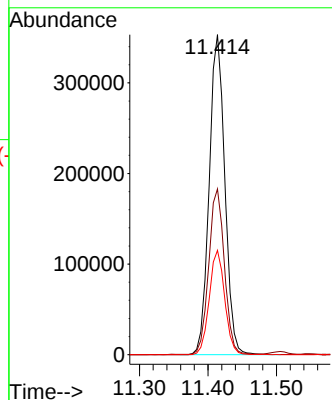
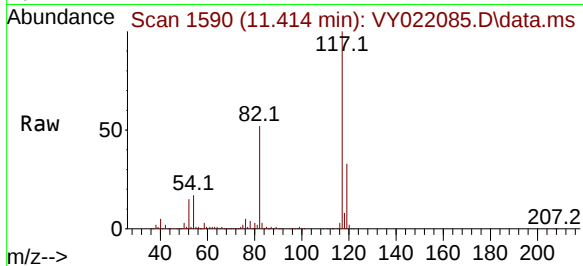




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022085.D
Acq: 30 Apr 2025 16:18

Instrument :
MSVOA_Y
ClientSampleId :
CO-8R-WC

Tgt Ion:117 Resp: 560130
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 32.6 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: VY022085.D
Acq: 30 Apr 2025 16:18

Tgt Ion:152 Resp: 170072
Ion Ratio Lower Upper
152 100
115 56.5 28.0 84.0
150 158.2 0.0 345.6

