

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021050.D
 Acq On : 04 Feb 2025 11:55
 Operator : SY/MD
 Sample : Q1243-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-01302025

Quant Time: Feb 04 13:47:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	185970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	335961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	304812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	119378	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	105752	55.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.000%
35) Dibromofluoromethane	7.640	113	109421	50.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.109	98	411498	50.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.400%
62) 4-Bromofluorobenzene	12.408	95	126064	47.076	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.160%

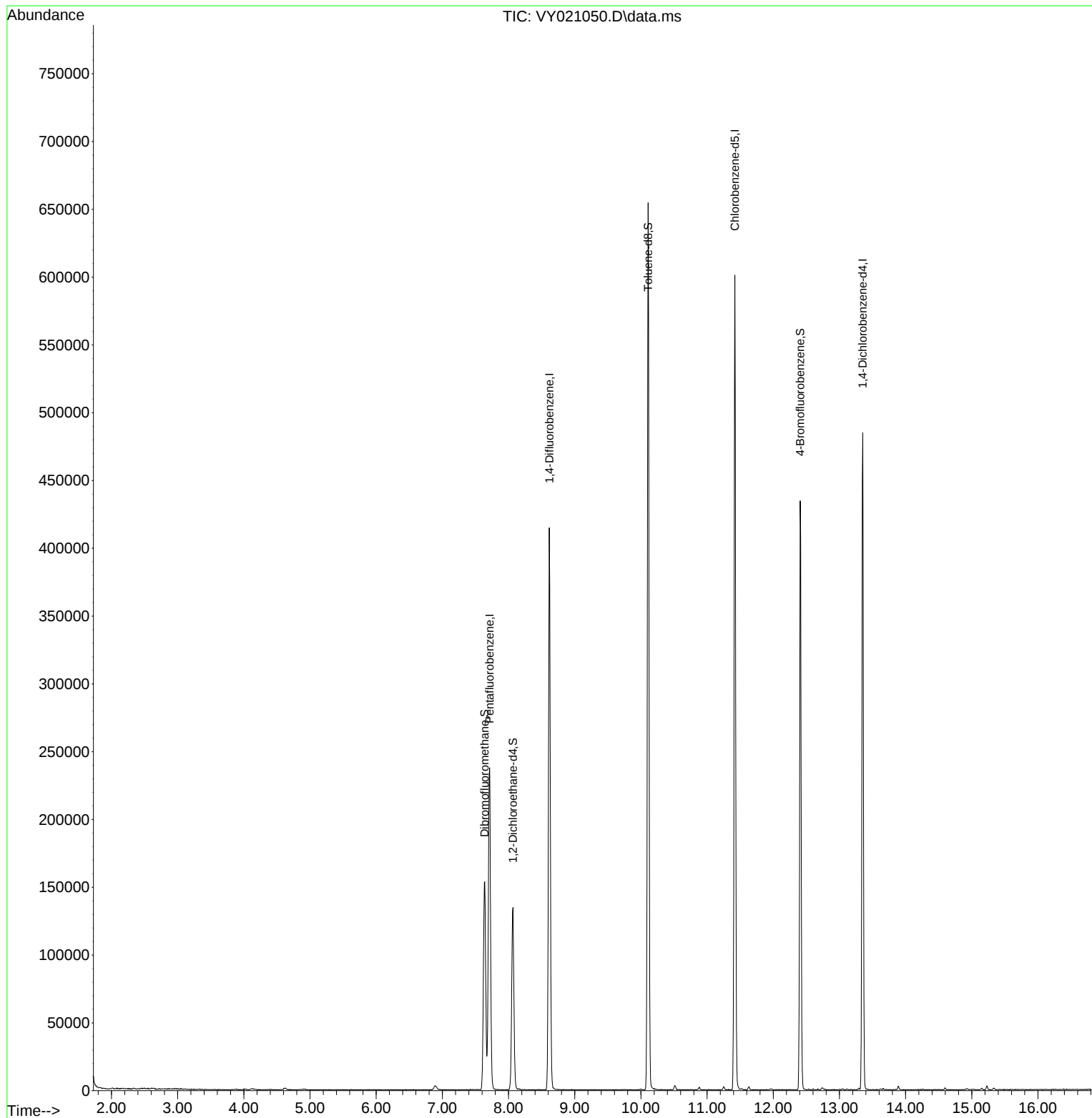
Target Compounds	Qvalue

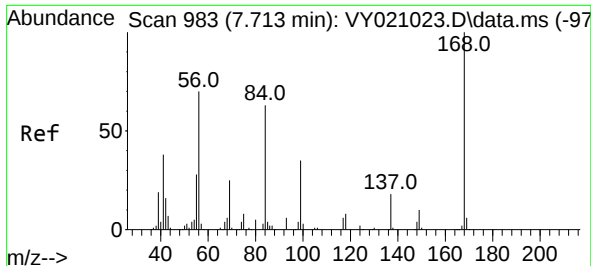
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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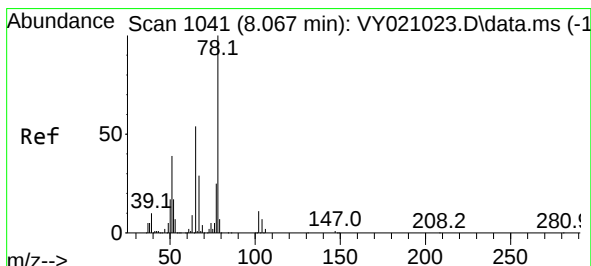
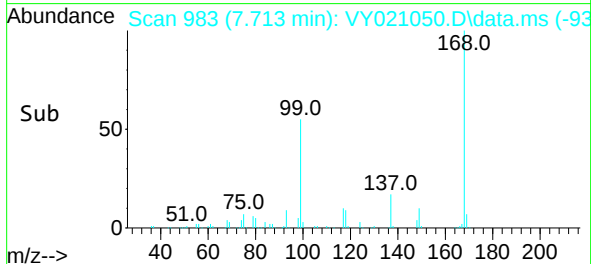
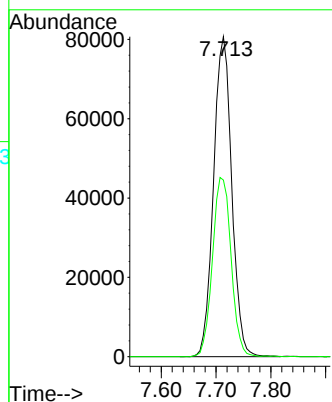
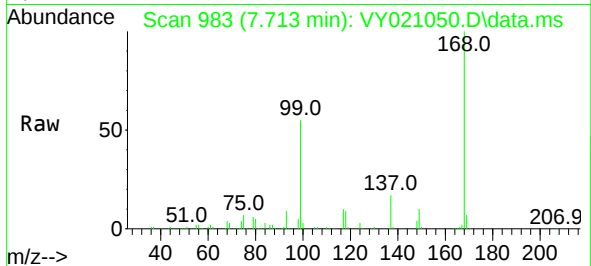




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021050.D
Acq: 04 Feb 2025 11:55

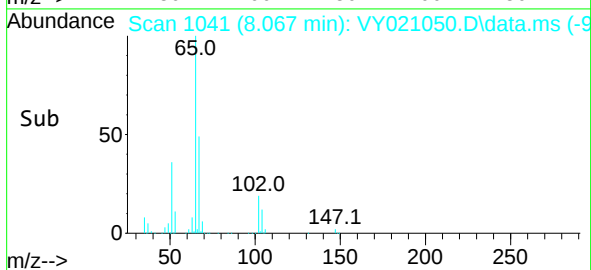
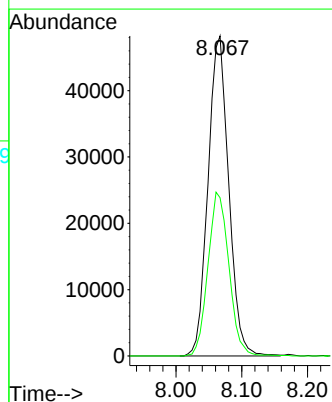
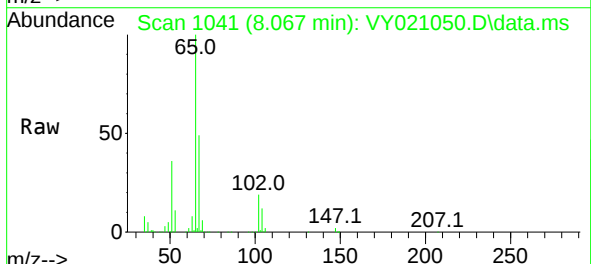
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-01302025

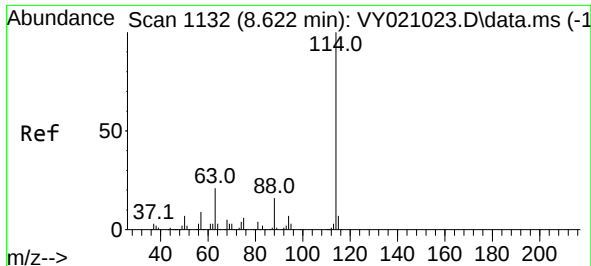
Tgt Ion:168 Resp: 185970
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.501 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021050.D
Acq: 04 Feb 2025 11:55

Tgt Ion: 65 Resp: 105752
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021050.D

Acq: 04 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-01302025

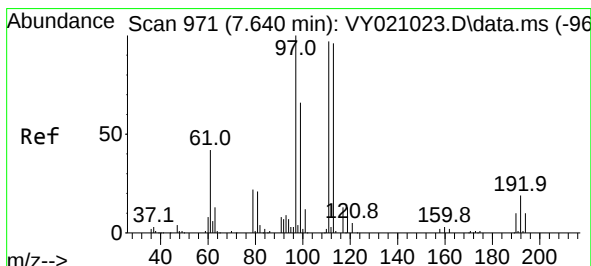
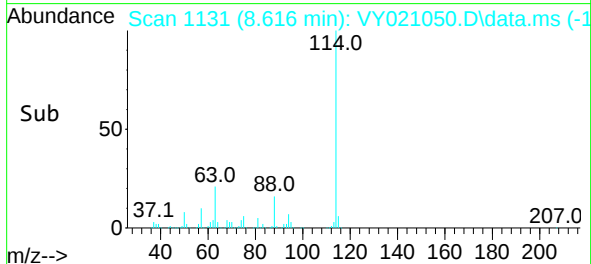
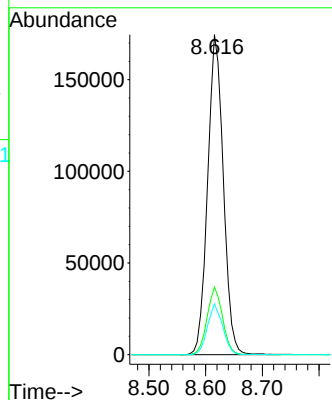
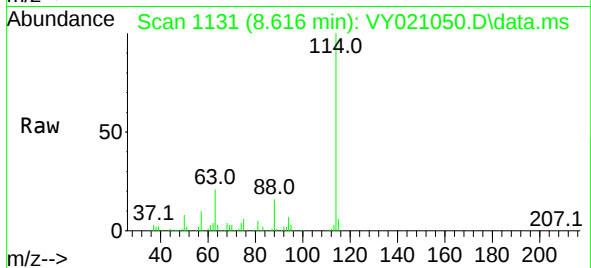
Tgt Ion:114 Resp: 335961

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 15.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.821 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021050.D

Acq: 04 Feb 2025 11:55

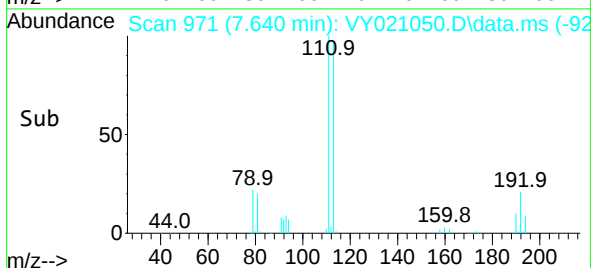
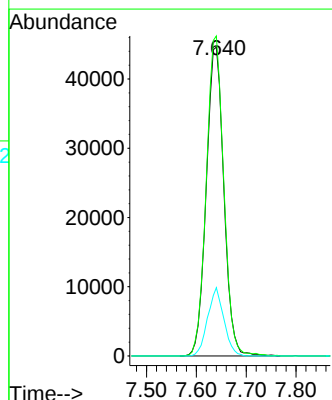
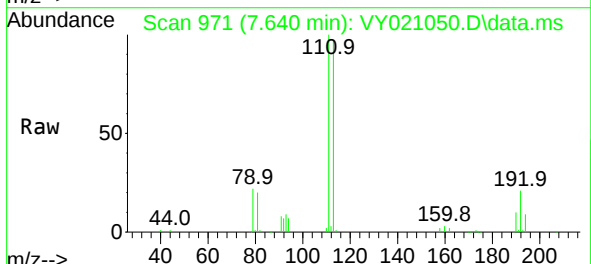
Tgt Ion:113 Resp: 109421

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 20.4 14.5 21.7

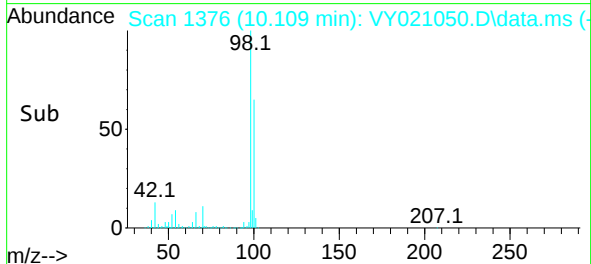
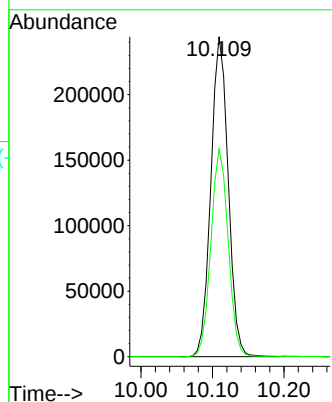
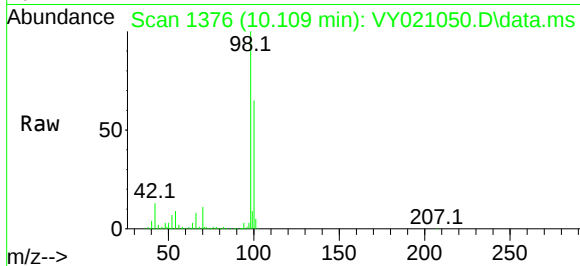




#50
Toluene-d8
Concen: 50.202 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021050.D
Acq: 04 Feb 2025 11:55

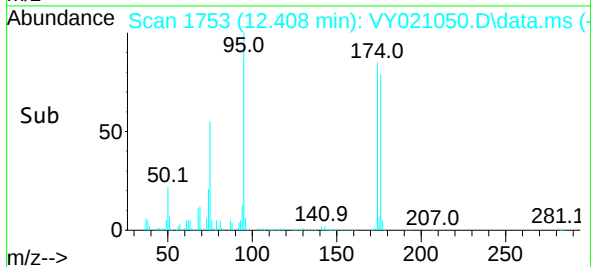
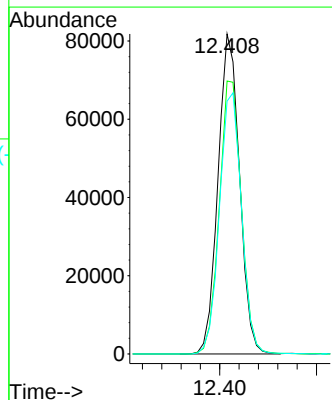
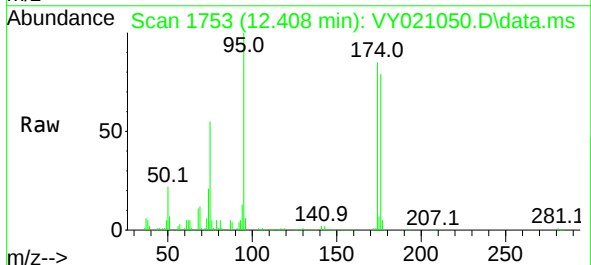
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CL-01-01302025

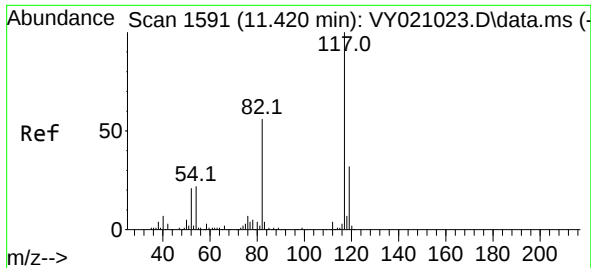
Tgt Ion: 98 Resp: 411498
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.076 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021050.D
Acq: 04 Feb 2025 11:55

Tgt Ion: 95 Resp: 126064
Ion Ratio Lower Upper
95 100
174 87.3 0.0 160.0
176 83.9 0.0 151.8

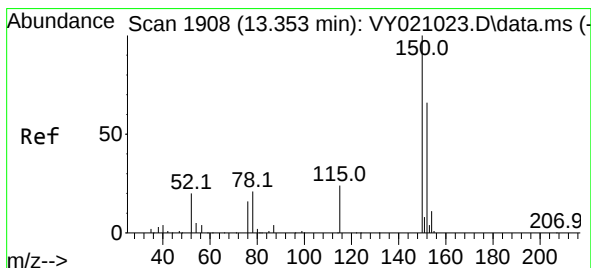
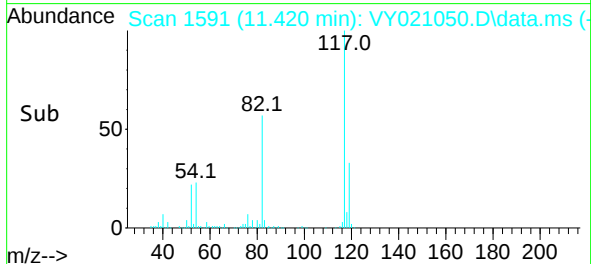
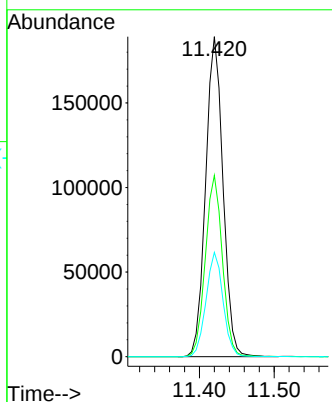
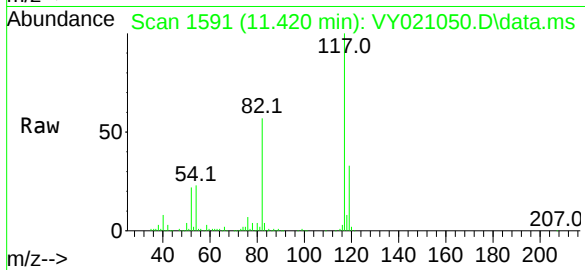




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021050.D
Acq: 04 Feb 2025 11:55

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-01302025

Tgt Ion:117 Resp: 304812
Ion Ratio Lower Upper
117 100
82 56.7 43.8 65.8
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021050.D
Acq: 04 Feb 2025 11:55

Tgt Ion:152 Resp: 119378
Ion Ratio Lower Upper
152 100
115 57.9 30.0 90.0
150 158.2 0.0 344.6

