

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020782.D
 Acq On : 06 Jan 2025 14:15
 Operator : SY/MD
 Sample : VY0106SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0106SBL01

Quant Time: Jan 07 02:01:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	167802	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	281350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	234489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	89278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	74285	52.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.160%
35) Dibromofluoromethane	7.646	113	85452	48.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.115	98	325656	52.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.000%
62) 4-Bromofluorobenzene	12.420	95	94593	41.688	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.380%

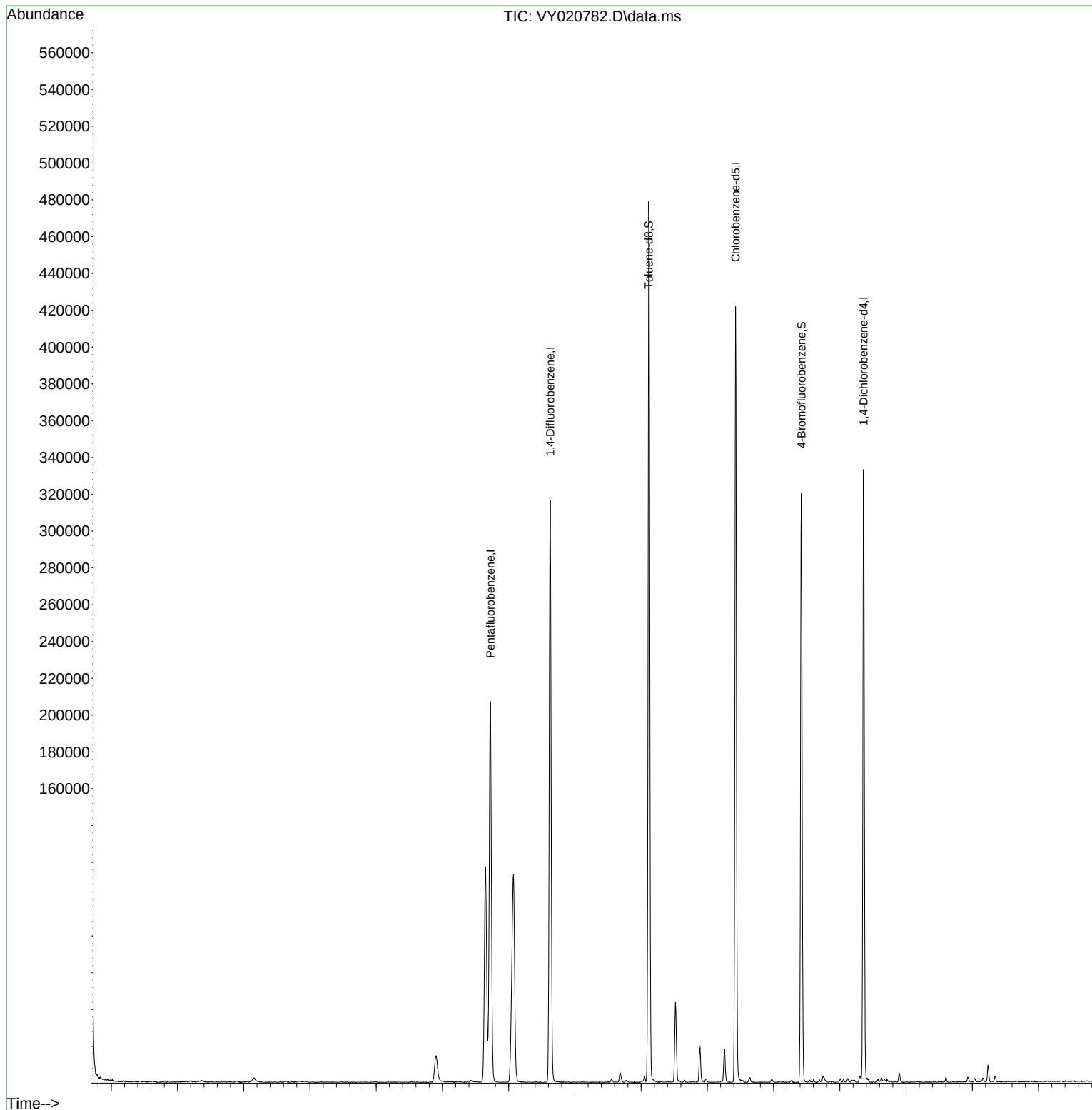
Target Compounds Qvalue

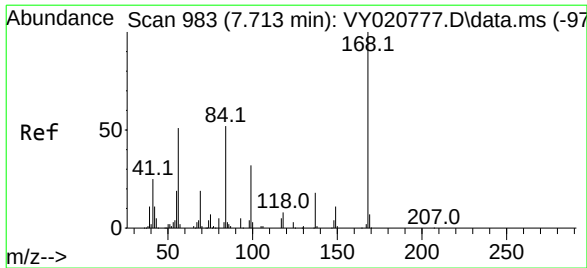
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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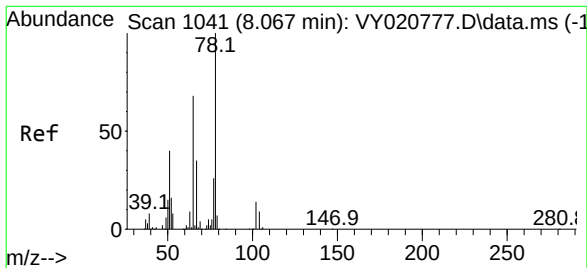
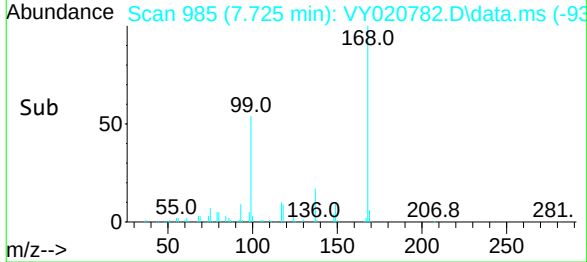
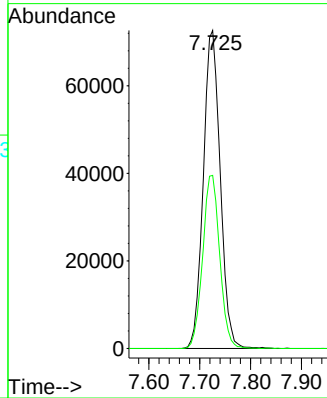
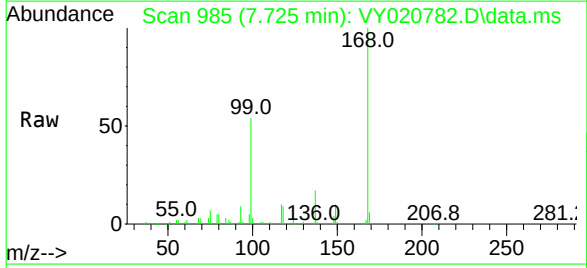




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

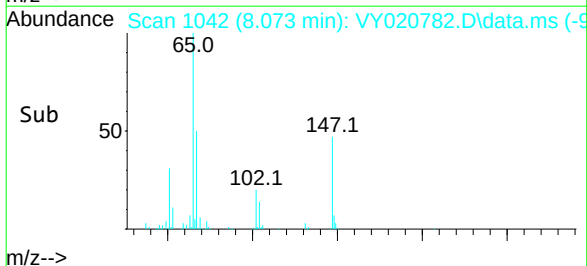
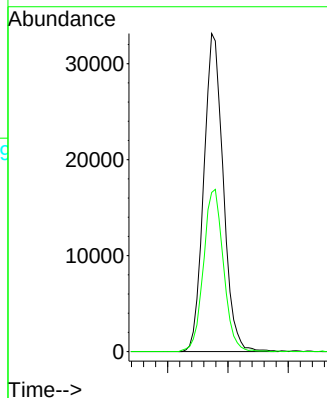
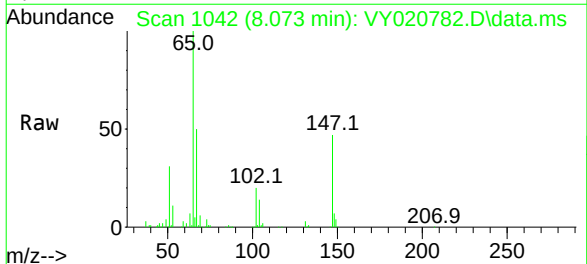
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

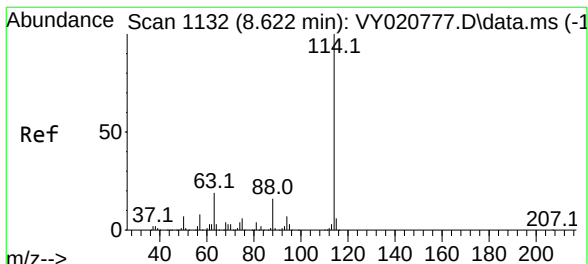
Tgt Ion:168 Resp: 167802
Ion Ratio Lower Upper
168 100
99 54.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 52.084 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

Tgt Ion: 65 Resp: 74285
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.8

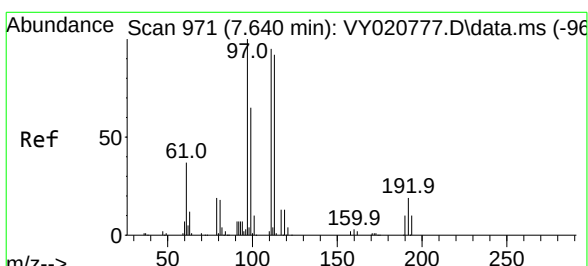
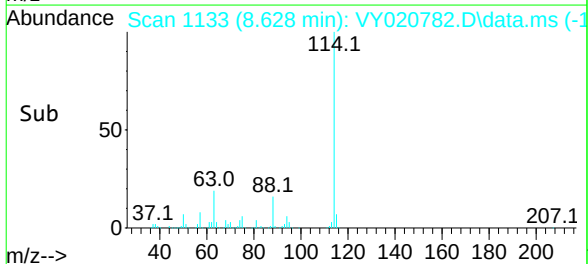
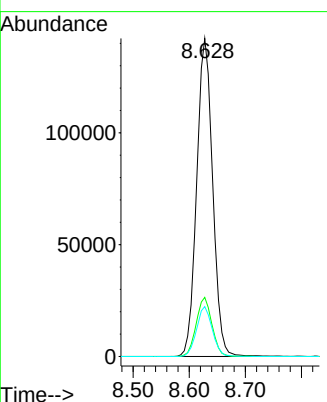
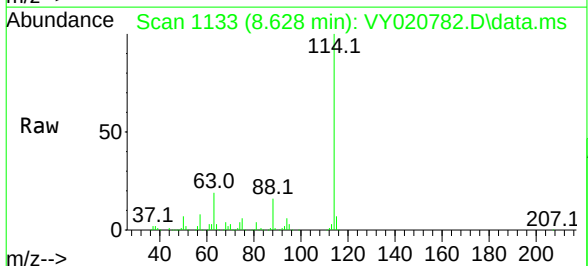




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 1113
 Delta R.T. 0.006 min
 Lab File: VY020782.D
 Acq: 06 Jan 2025 14:15

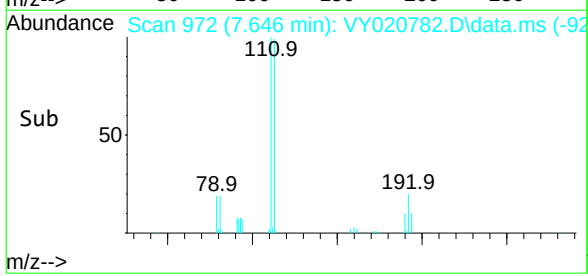
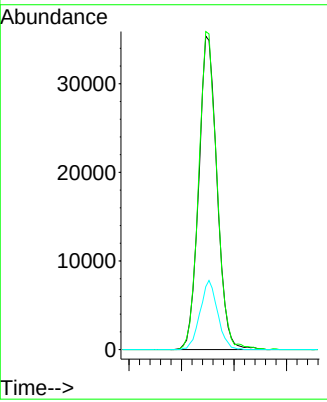
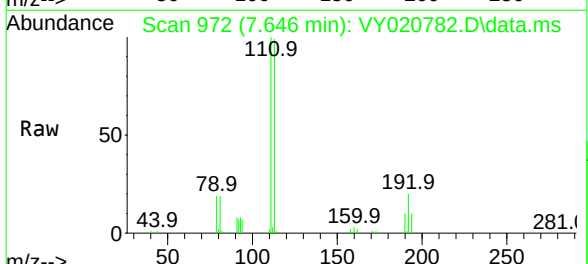
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0106SBL01

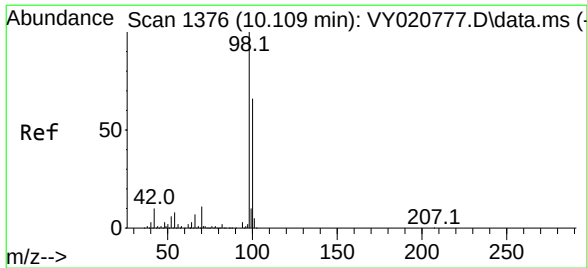
Tgt Ion:	114	Resp:	281350
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	38.4
88	15.7	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 48.480 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. 0.006 min
 Lab File: VY020782.D
 Acq: 06 Jan 2025 14:15

Tgt Ion:	113	Resp:	85452
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.7	122.5
192	21.2	16.7	25.1





#50

Toluene-d8

Concen: 52.999 ug/l

RT: 10.115 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020782.D

Acq: 06 Jan 2025 14:15

Instrument :

MSVOA_Y

ClientSampleId :

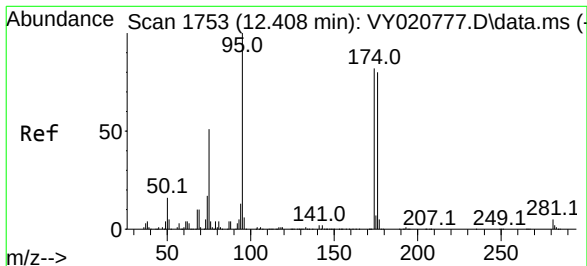
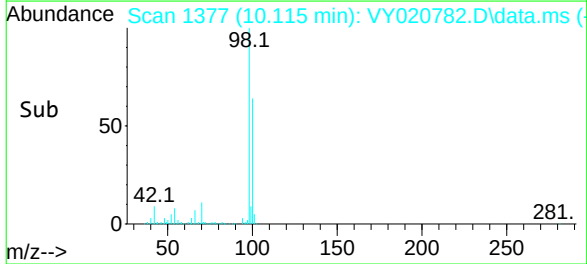
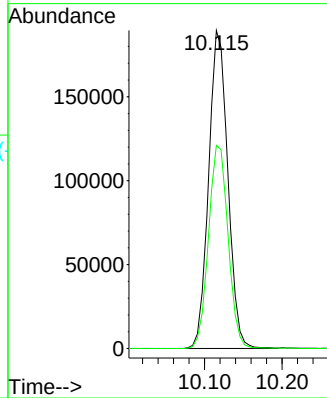
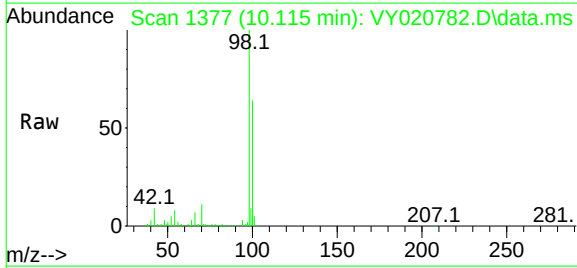
VY0106SBL01

Tgt Ion: 98 Resp: 325656

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 41.688 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020782.D

Acq: 06 Jan 2025 14:15

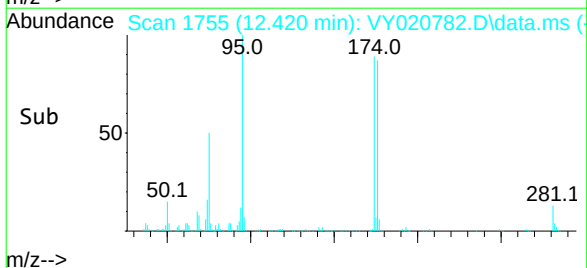
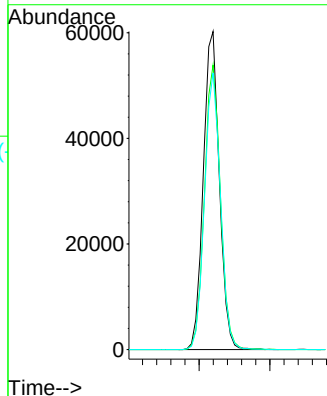
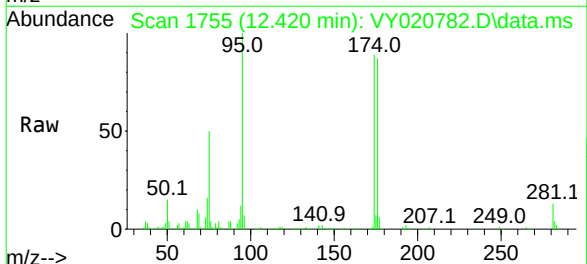
Tgt Ion: 95 Resp: 94593

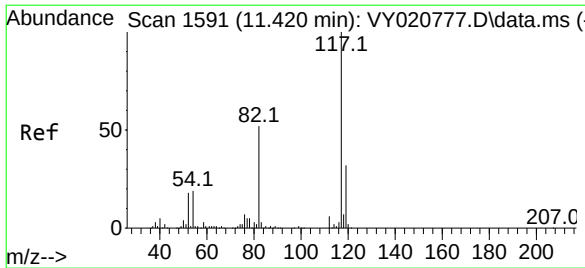
Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.0

176 86.7 0.0 172.0

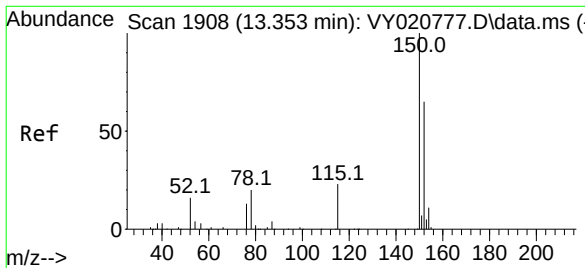
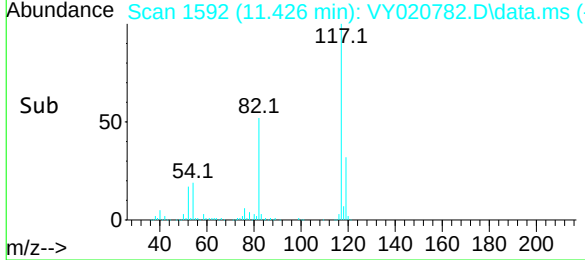
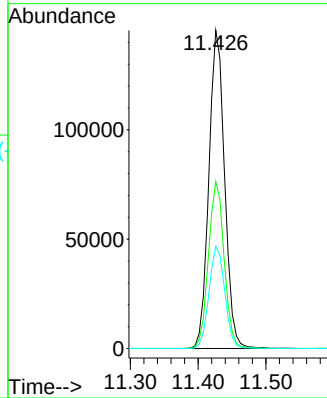
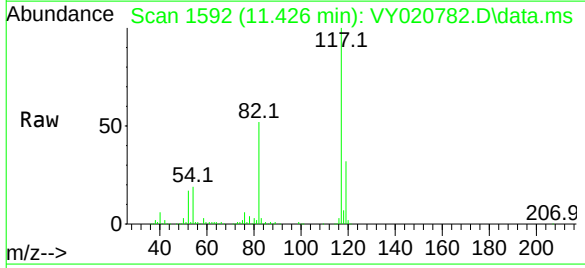




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

Tgt Ion:117 Resp: 234489
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY020782.D
Acq: 06 Jan 2025 14:15

Tgt Ion:152 Resp: 89278
Ion Ratio Lower Upper
152 100
115 58.2 29.0 87.0
150 154.2 0.0 347.4

