

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020919.D
 Acq On : 23 Jan 2025 18:35
 Operator : SY/MD
 Sample : Q1170-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-01232025

Quant Time: Jan 24 00:20:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	30221	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.628	114	43843	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	33153	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	7859	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	15662	60.973	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.940%	
35) Dibromofluoromethane	7.652	113	16315	59.398	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.800%	
50) Toluene-d8	10.115	98	56236	58.731	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.460%	
62) 4-Bromofluorobenzene	12.414	95	12976	36.698	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 73.400%	

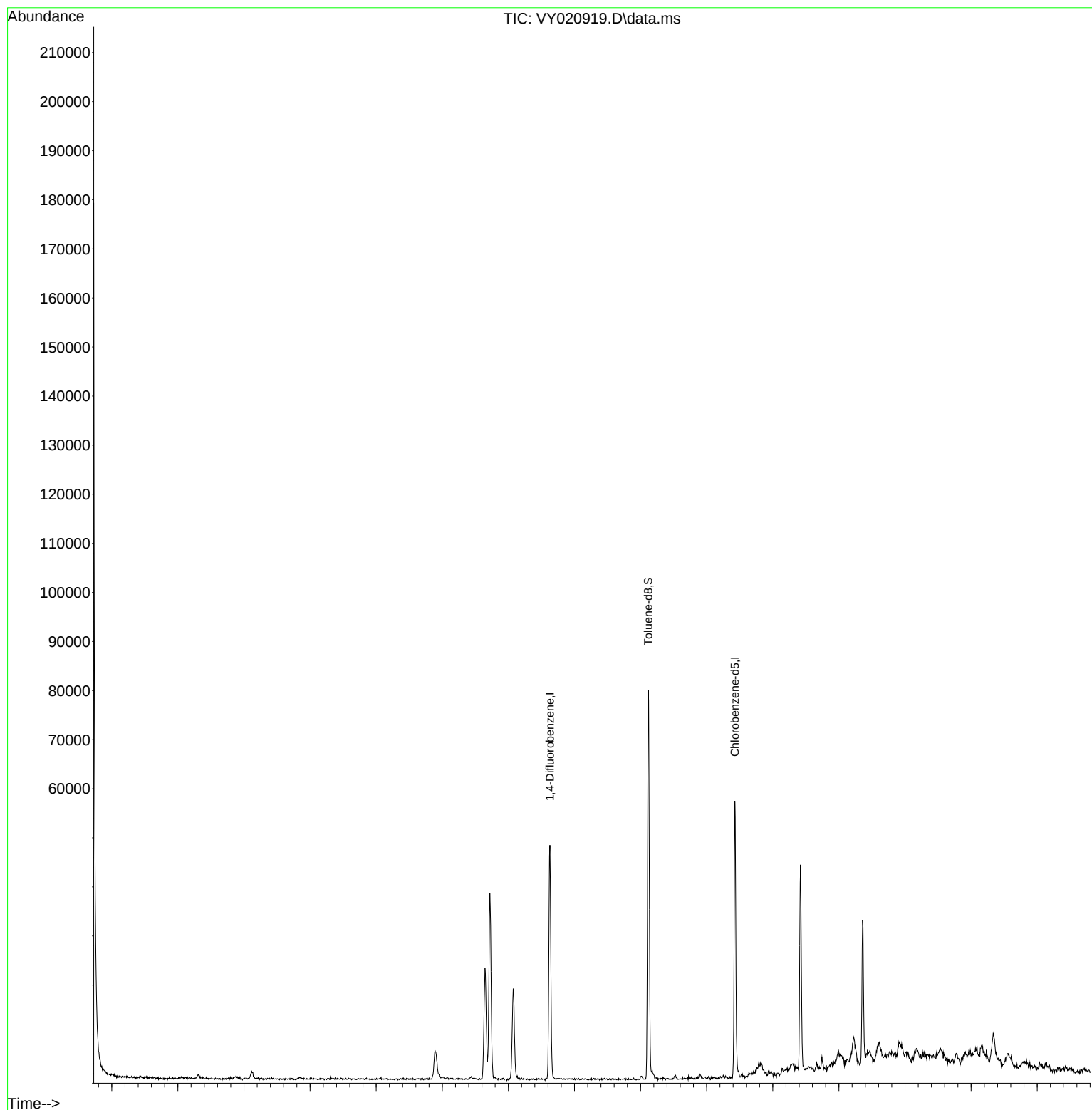
Target Compounds Qvalue

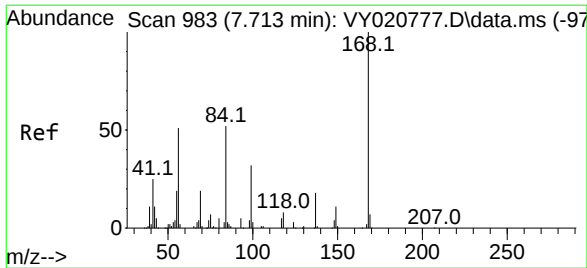
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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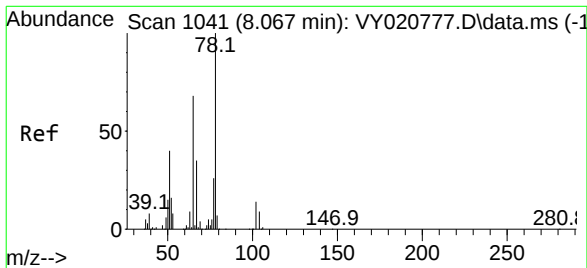
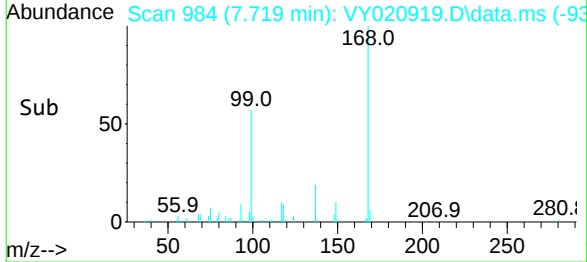
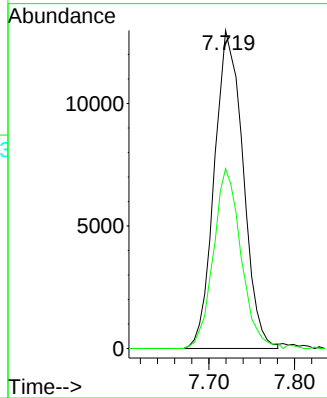
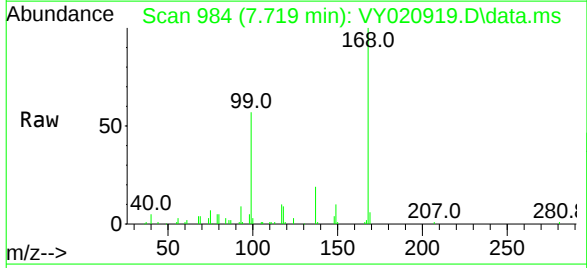




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.018 min
Lab File: VY020919.D
Acq: 23 Jan 2025 18:35

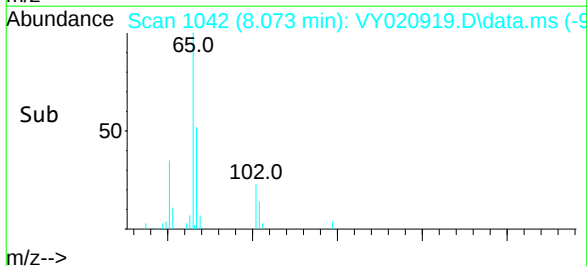
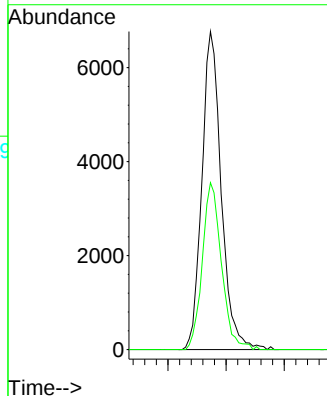
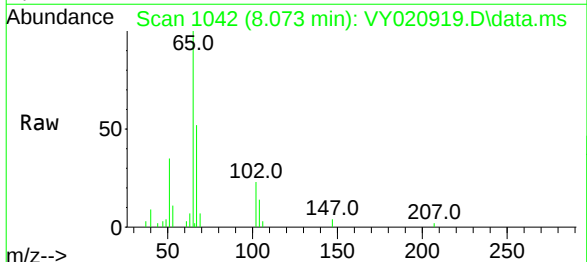
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-01232025

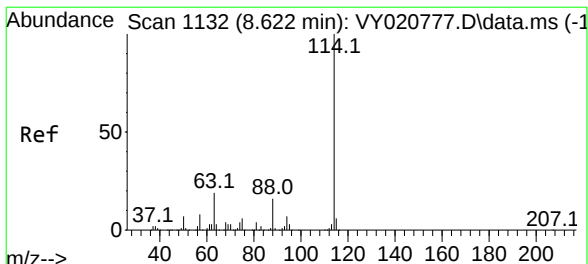
Tgt Ion:168 Resp: 30221
Ion Ratio Lower Upper
168 100
99 56.6 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 60.973 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.018 min
Lab File: VY020919.D
Acq: 23 Jan 2025 18:35

Tgt Ion: 65 Resp: 15662
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8

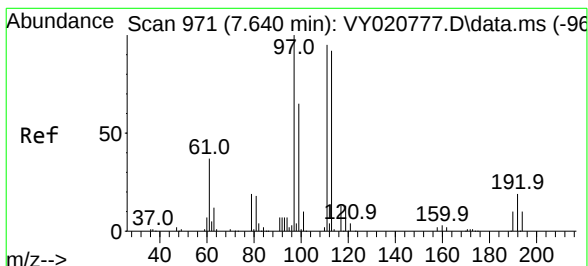
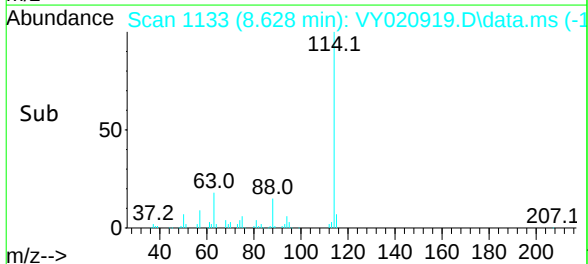
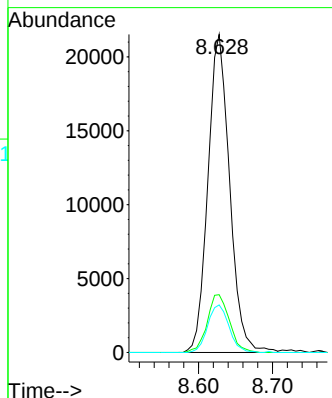
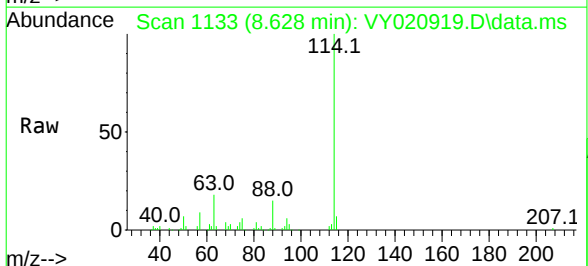




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.628 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020919.D
 Acq: 23 Jan 2025 18:35

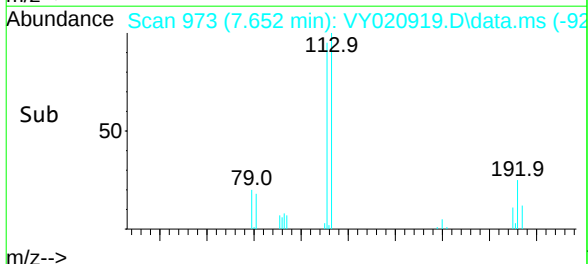
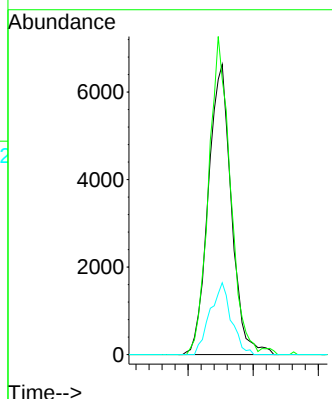
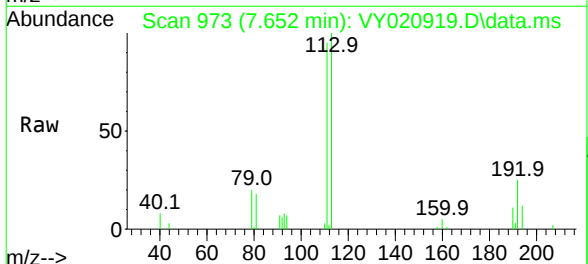
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-01232025

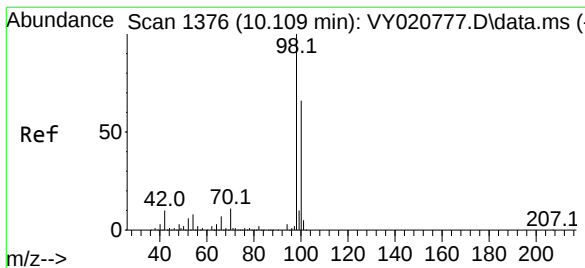
Tgt Ion:	114	Resp:	43843
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	15.0	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 59.398 ug/l
 RT: 7.652 min Scan# 973
 Delta R.T. -0.012 min
 Lab File: VY020919.D
 Acq: 23 Jan 2025 18:35

Tgt Ion:	113	Resp:	16315
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.7	122.5
192	22.8	16.7	25.1





#50

Toluene-d8

Concen: 58.731 ug/l

RT: 10.115 min Scan# 13

Delta R.T. -0.018 min

Lab File: VY020919.D

Acq: 23 Jan 2025 18:35

Instrument :

MSVOA_Y

ClientSampleId :

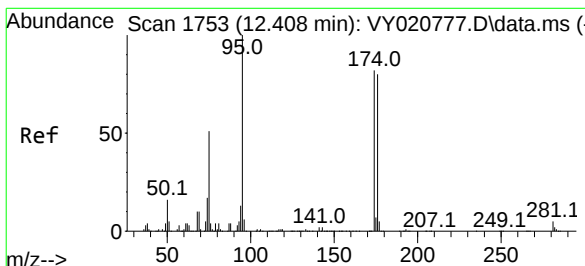
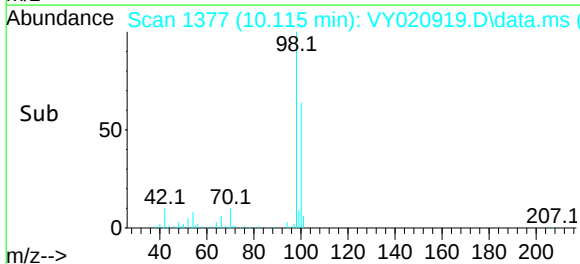
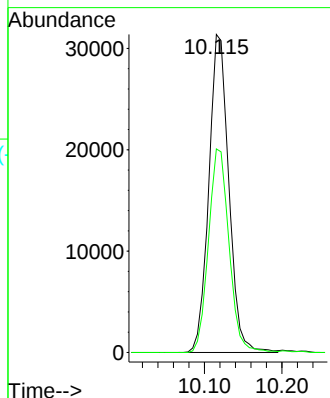
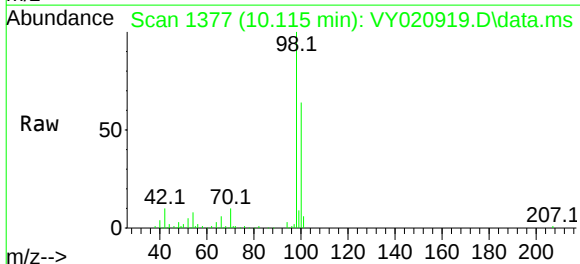
OR-03-01232025

Tgt Ion: 98 Resp: 56236

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 36.698 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.012 min

Lab File: VY020919.D

Acq: 23 Jan 2025 18:35

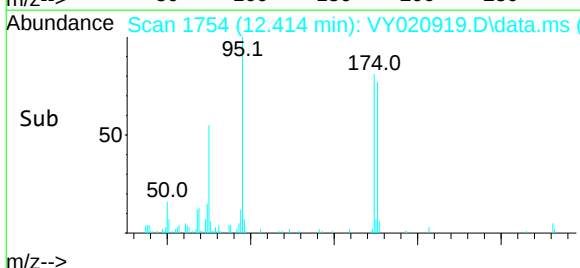
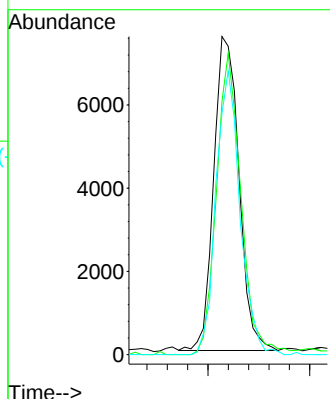
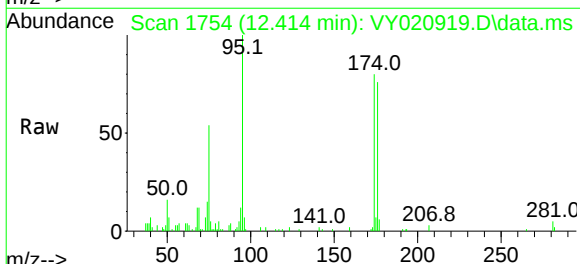
Tgt Ion: 95 Resp: 12976

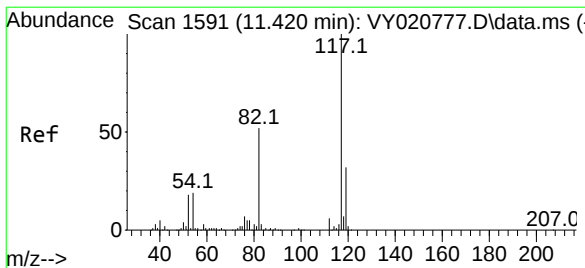
Ion Ratio Lower Upper

95 100

174 93.6 0.0 178.0

176 86.5 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. -0.012 min

Lab File: VY020919.D

Acq: 23 Jan 2025 18:35

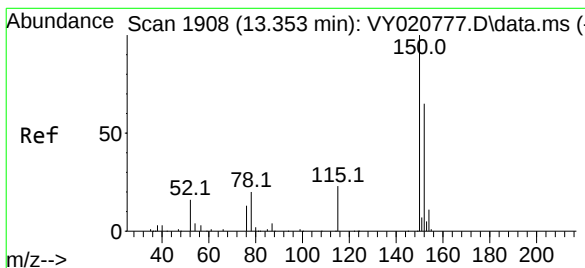
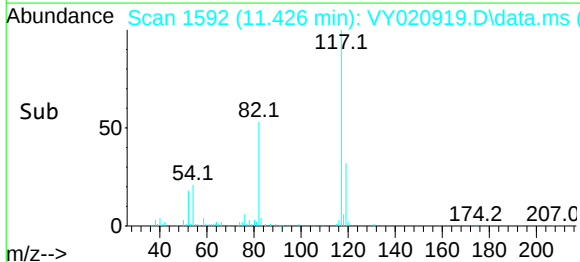
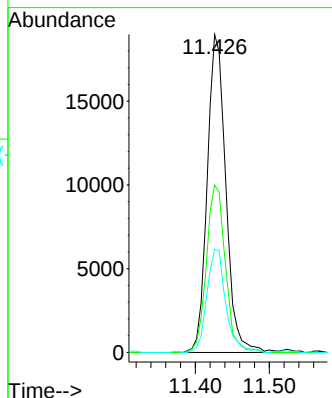
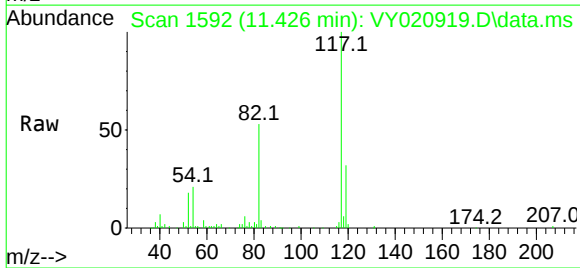
Instrument :

MSVOA_Y

ClientSampleId :

OR-03-01232025

Tgt Ion:	117	Resp:	33153
Ion	Ratio	Lower	Upper
117	100		
82	52.6	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. -0.012 min

Lab File: VY020919.D

Acq: 23 Jan 2025 18:35

Tgt Ion:	152	Resp:	7859
Ion	Ratio	Lower	Upper
152	100		
115	63.0	29.0	87.0
150	160.1	0.0	347.4

