

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021014.D
 Acq On : 31 Jan 2025 16:53
 Operator : SY/MD
 Sample : Q1254-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-01312025

Quant Time: Jan 31 22:27:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	472	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	44	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	501	61.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.200%	
35) Dibromofluoromethane	7.622	113	545	81.305	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 162.600%#	
50) Toluene-d8	10.109	98	769	29.393	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 58.780%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	= 0.000%#	

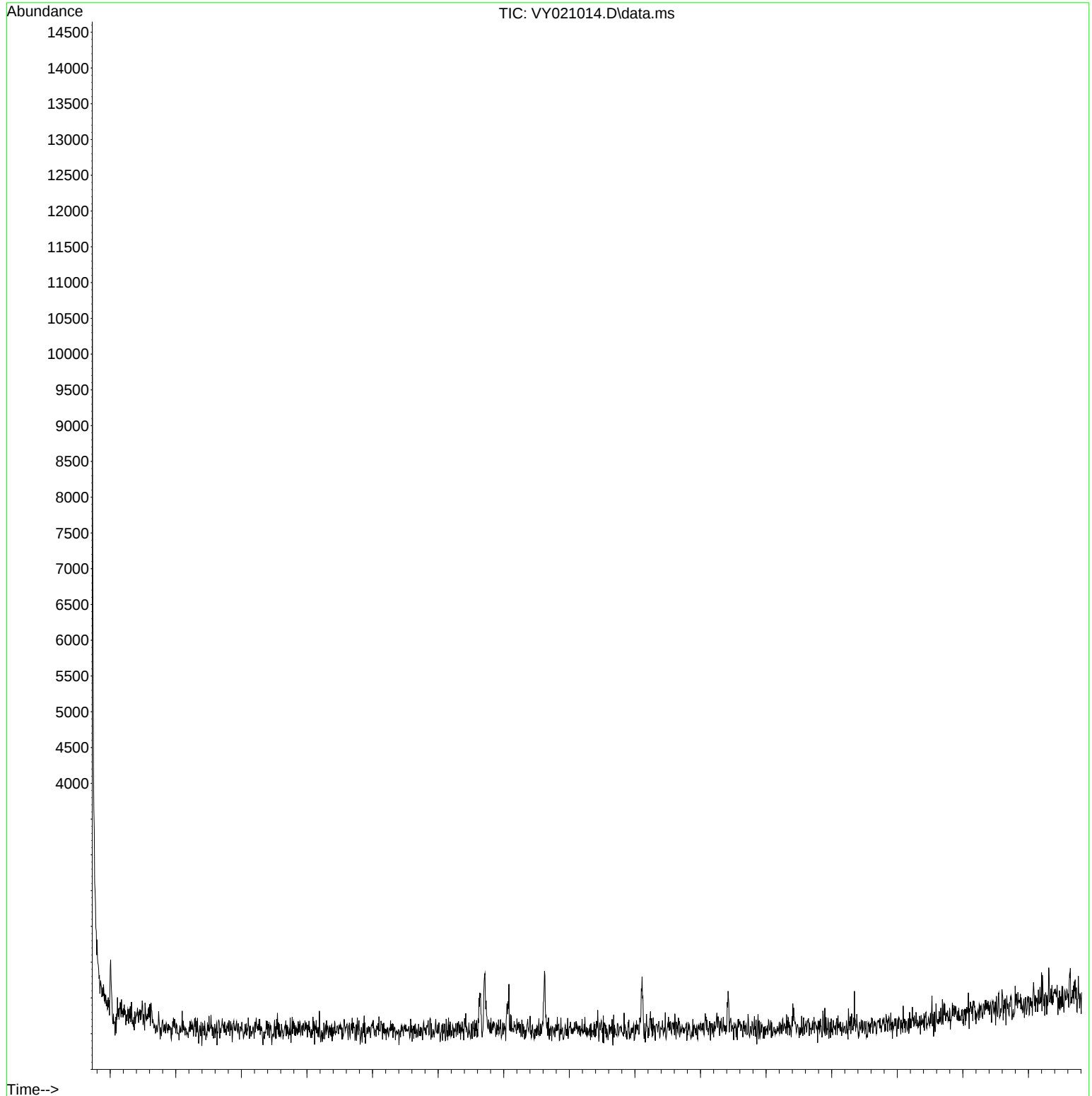
Target Compounds Qvalue

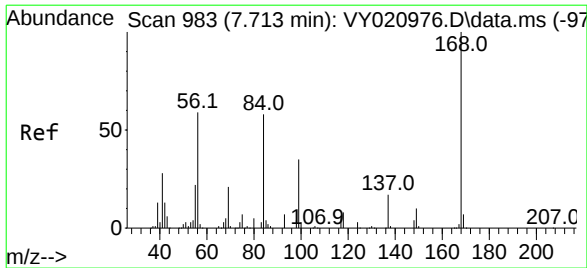
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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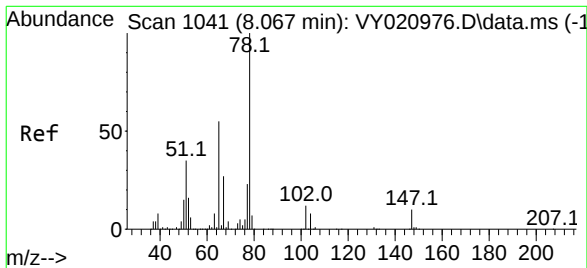
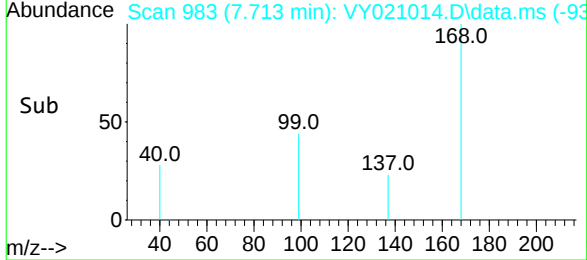
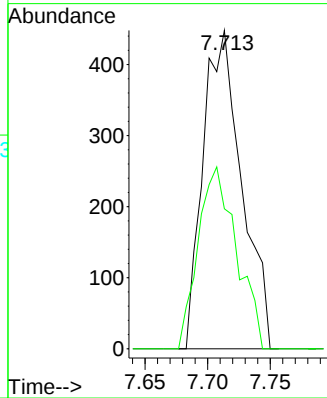
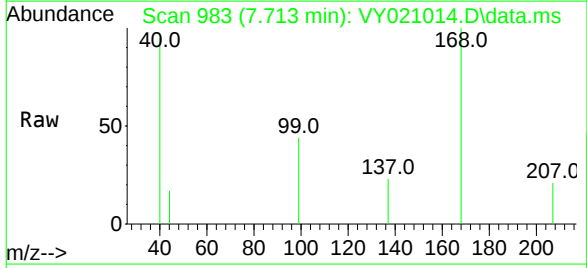




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021014.D
Acq: 31 Jan 2025 16:53

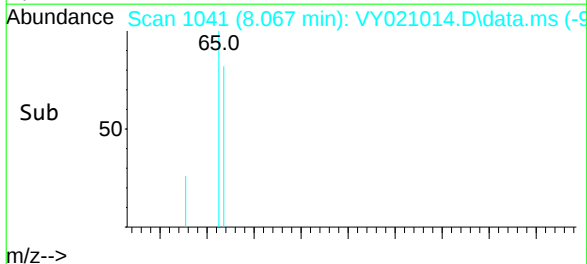
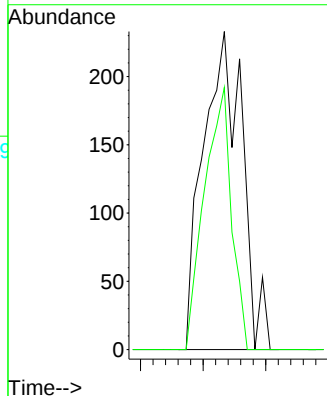
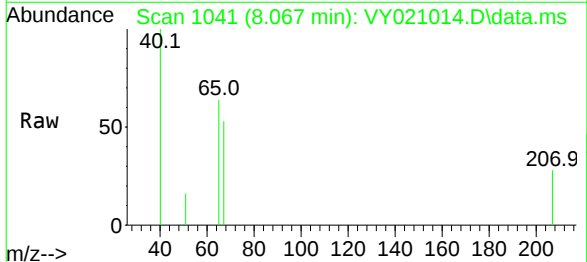
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-01312025

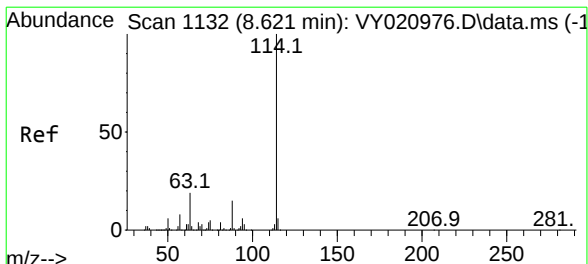
Tgt Ion:168 Resp: 963
Ion Ratio Lower Upper
168 100
99 44.0 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 61.104 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021014.D
Acq: 31 Jan 2025 16:53

Tgt Ion: 65 Resp: 501
Ion Ratio Lower Upper
65 100
67 57.5 0.0 104.4

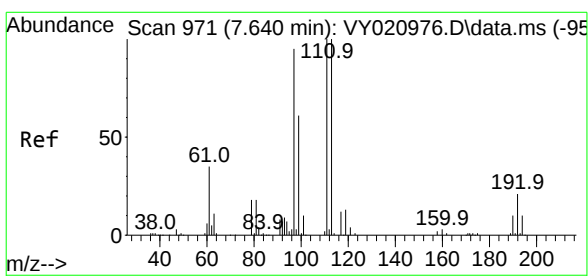
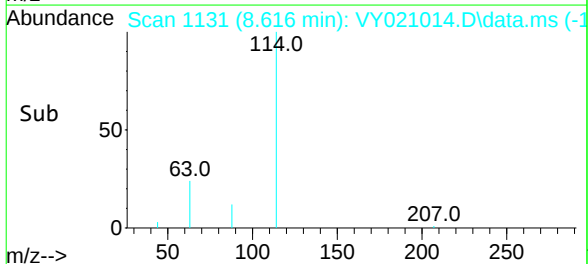
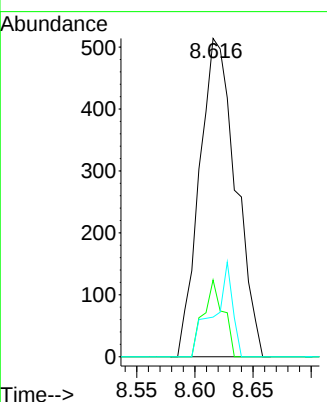
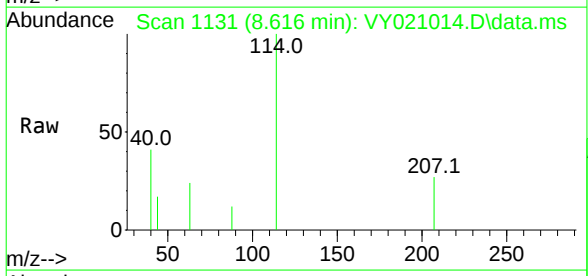




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1115
 Delta R.T. -0.006 min
 Lab File: VY021014.D
 Acq: 31 Jan 2025 16:53

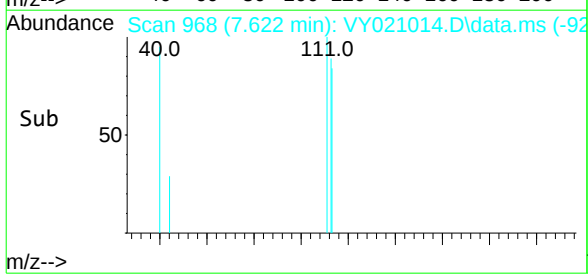
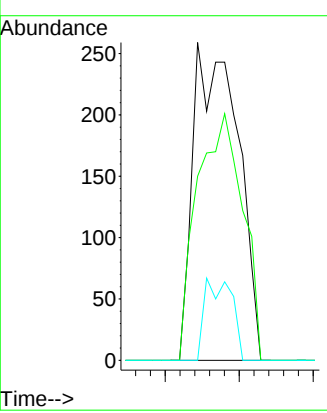
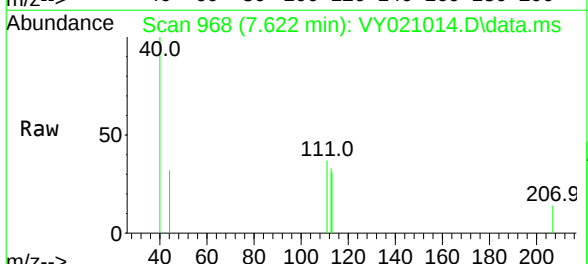
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-01312025

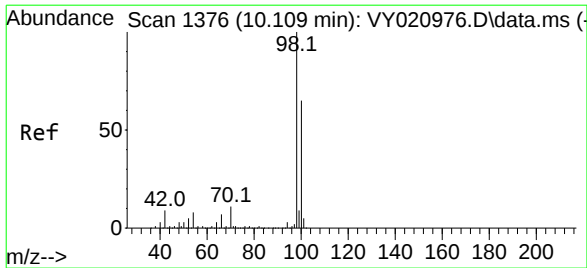
Tgt Ion:	114	Resp:	1115
Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	37.2
88	12.5	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 81.305 ug/l
 RT: 7.622 min Scan# 968
 Delta R.T. -0.018 min
 Lab File: VY021014.D
 Acq: 31 Jan 2025 16:53

Tgt Ion:	113	Resp:	545
Ion	Ratio	Lower	Upper
113	100		
111	78.7	82.6	123.8#
192	15.6	16.8	25.2#





#50

Toluene-d8

Concen: 29.393 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY021014.D

Acq: 31 Jan 2025 16:53

Instrument :

MSVOA_Y

ClientSampleId :

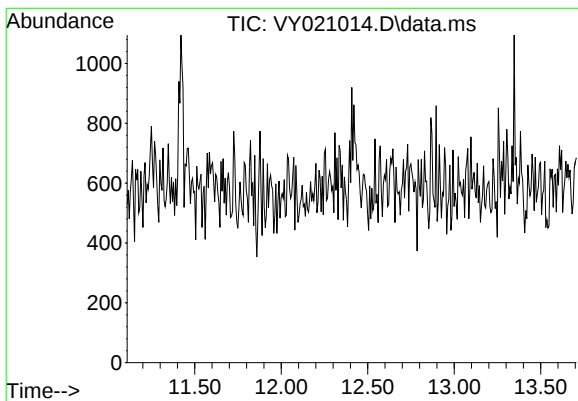
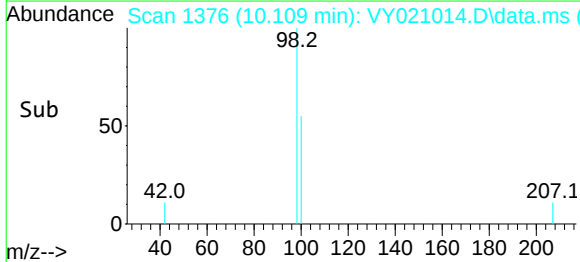
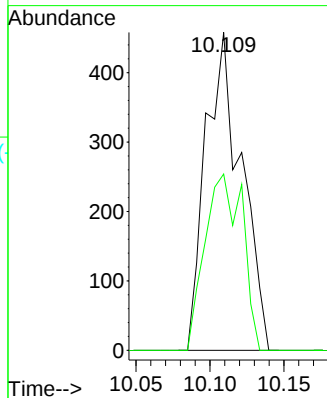
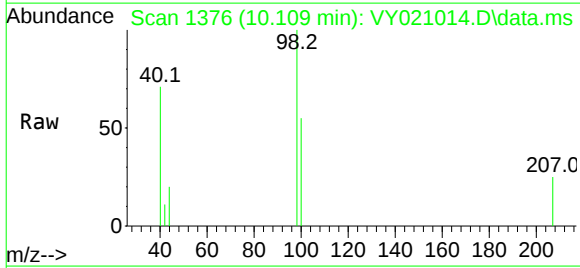
OK-02-01312025

Tgt Ion: 98 Resp: 769

Ion Ratio Lower Upper

98 100

100 58.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.41 min

Lab File: VY021014.D

Acq: 31 Jan 2025 16:53

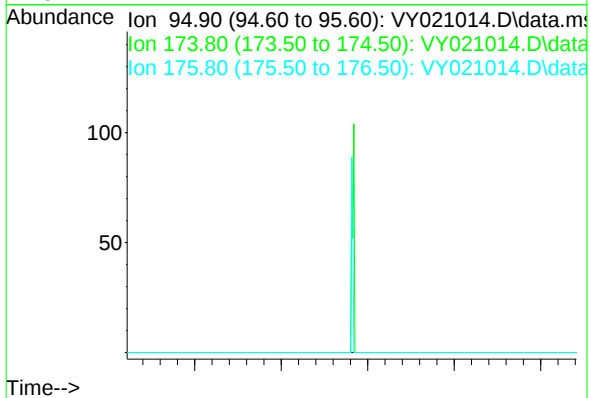
Tgt Ion: 95

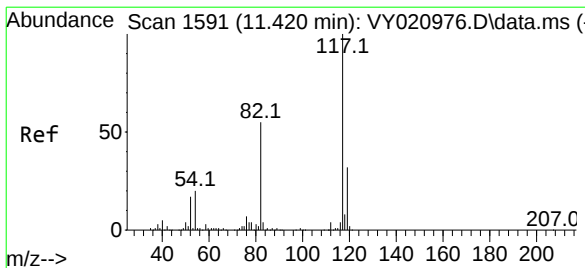
Sig Exp Ratio

95 100

174 90.6

176 87.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY021014.D

Acq: 31 Jan 2025 16:53

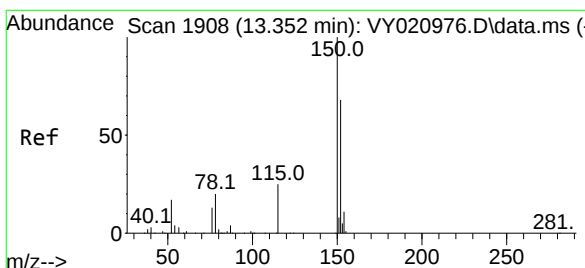
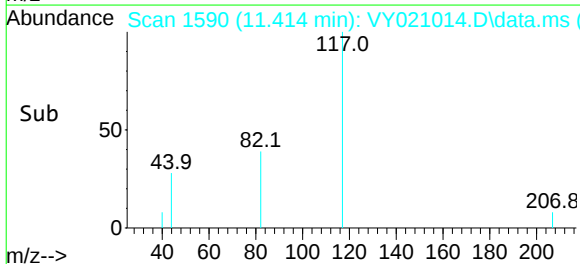
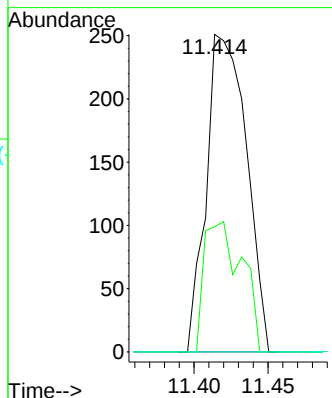
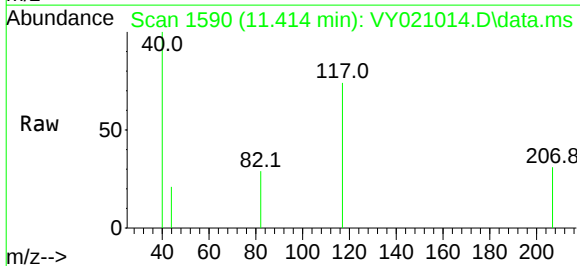
Instrument :

MSVOA_Y

ClientSampleId :

OK-02-01312025

Tgt Ion:	117	Resp:	472
Ion	Ratio	Lower	Upper
117	100		
82	39.4	44.2	66.2#
119	0.0	25.9	38.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021014.D

Acq: 31 Jan 2025 16:53

Tgt Ion:	152	Resp:	44
Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.4	85.2#
150	563.6	0.0	342.8#

