

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021484.D
 Acq On : 11 Mar 2025 14:21
 Operator : SY/MD
 Sample : Q1508-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR251372RE

Quant Time: Mar 12 01:25:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	9090	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	11986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	8198	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	4814	50.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.220%
35) Dibromofluoromethane	7.640	113	3633	46.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.220%
50) Toluene-d8	10.109	98	13153	44.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.180%
62) 4-Bromofluorobenzene	12.408	95	1827	18.005	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.000%

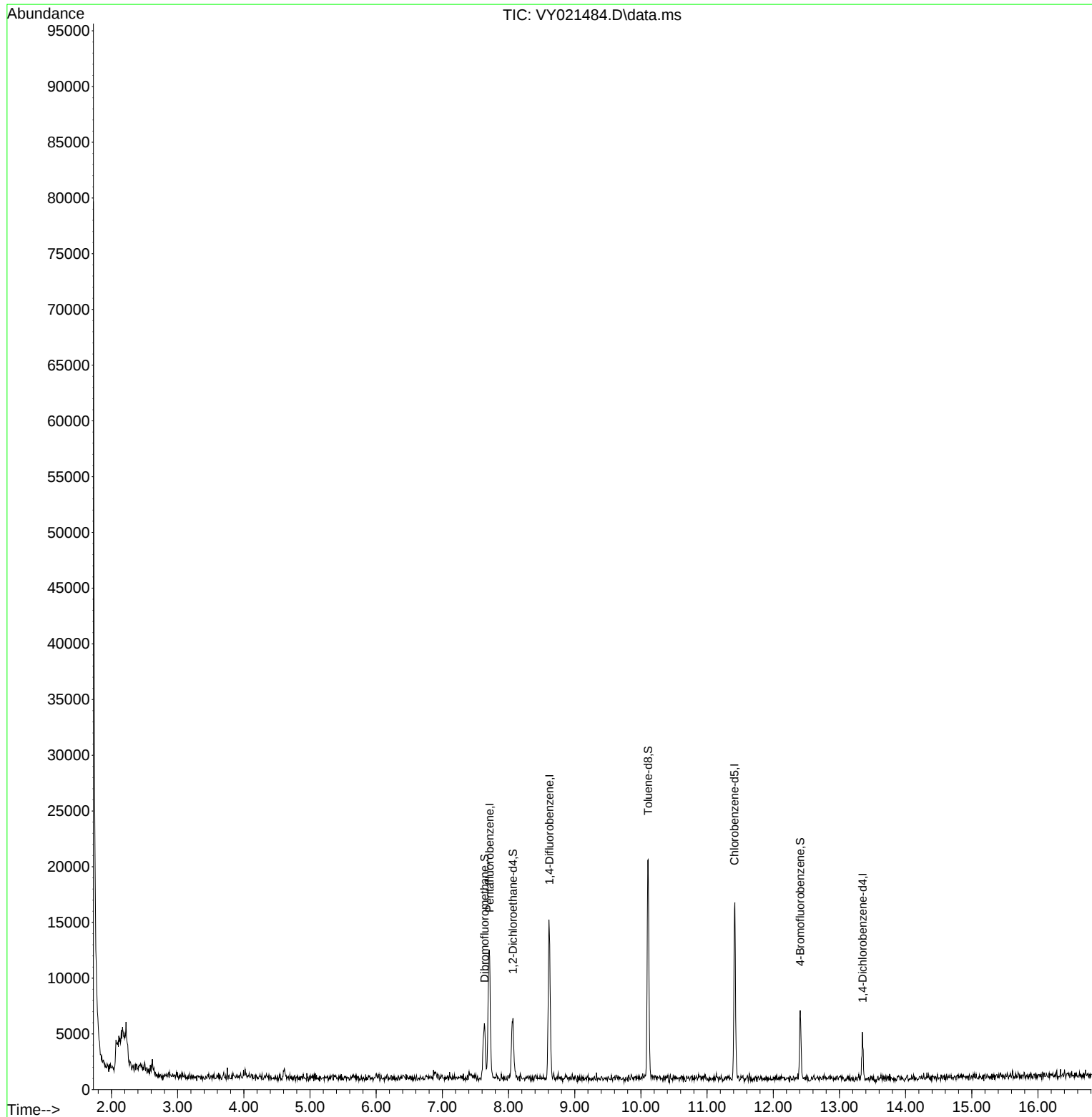
Target Compounds	Qvalue

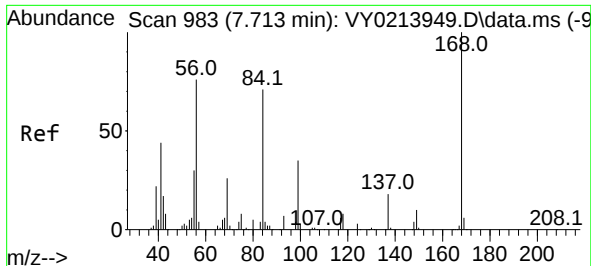
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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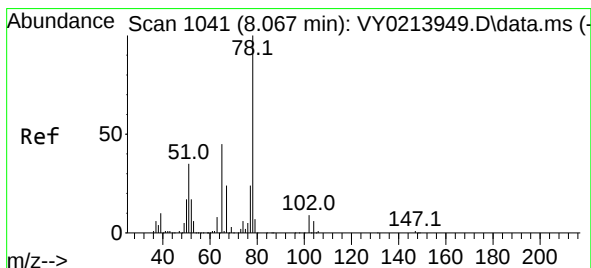
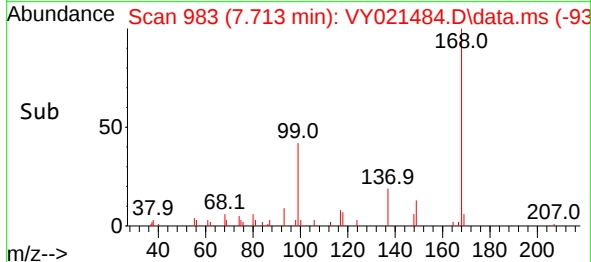
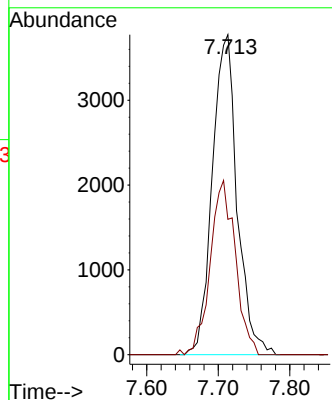
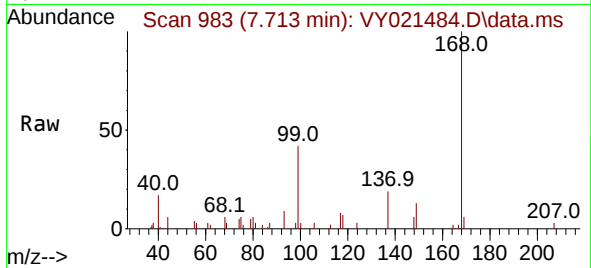




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021484.D
Acq: 11 Mar 2025 14:21

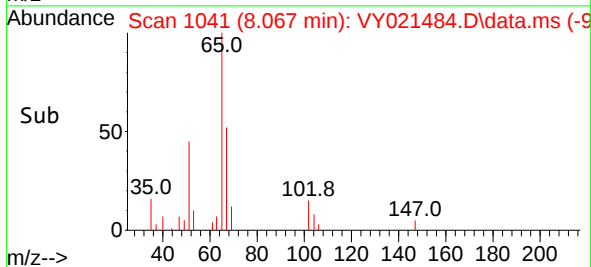
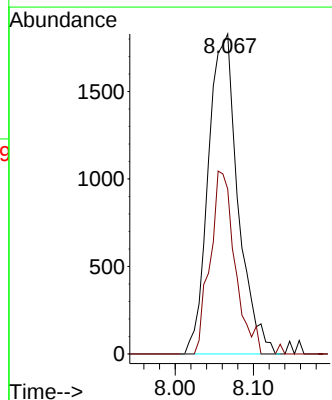
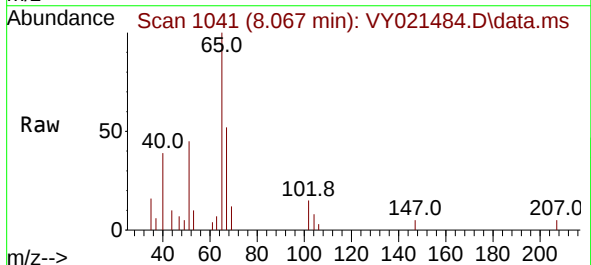
Instrument :
MSVOA_Y
ClientSampleId :
RBR251372RE

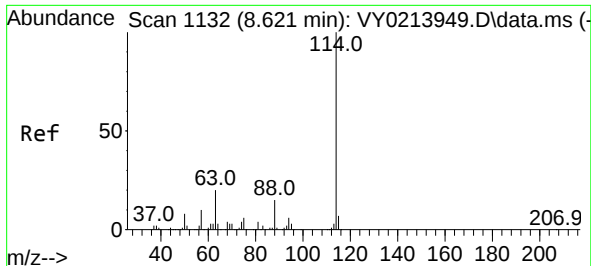
Tgt Ion:168 Resp: 9090
Ion Ratio Lower Upper
168 100
99 42.3 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 50.106 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021484.D
Acq: 11 Mar 2025 14:21

Tgt Ion: 65 Resp: 4814
Ion Ratio Lower Upper
65 100
67 47.7 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021484.D

Acq: 11 Mar 2025 14:21

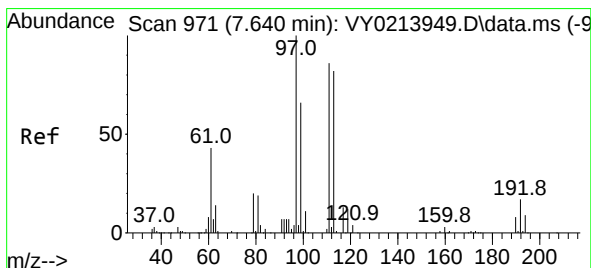
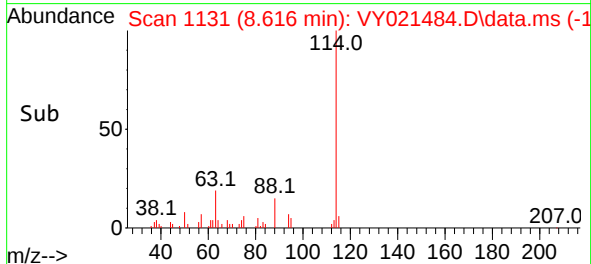
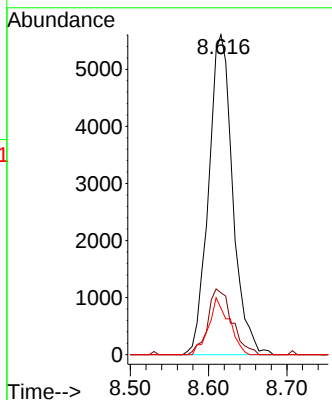
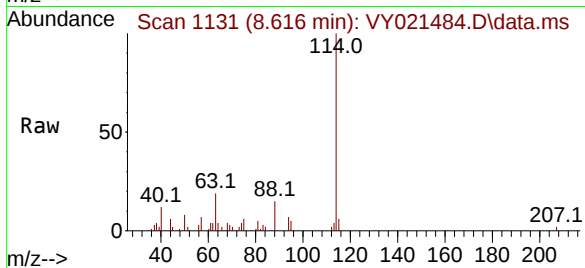
Instrument :

MSVOA_Y

ClientSampleId :

RBR251372RE

Tgt Ion:114	Resp:	11986
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 40.8
88	14.5	0.0 30.8



#35

Dibromofluoromethane

Concen: 46.112 ug/l

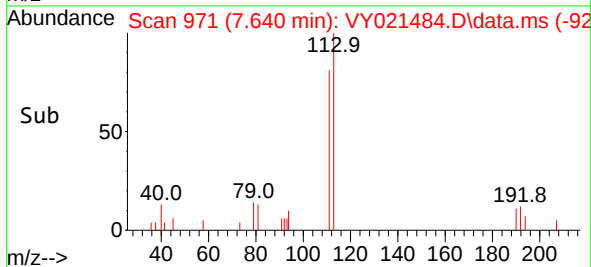
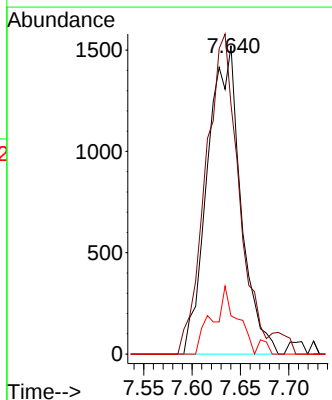
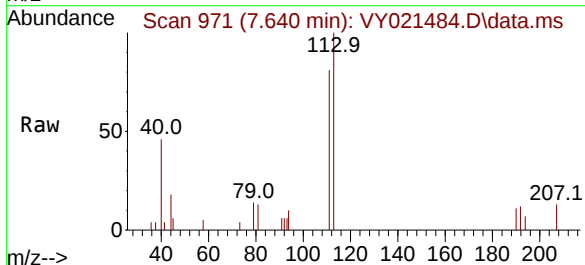
RT: 7.640 min Scan# 971

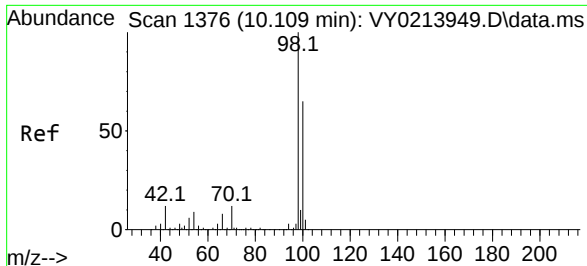
Delta R.T. 0.000 min

Lab File: VY021484.D

Acq: 11 Mar 2025 14:21

Tgt Ion:113	Resp:	3633
Ion Ratio	Lower	Upper
113	100	
111	104.5	82.0 123.0
192	16.0	15.9 23.9

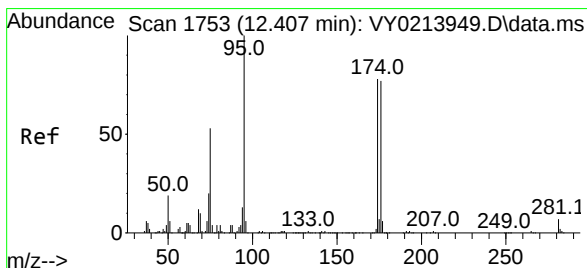
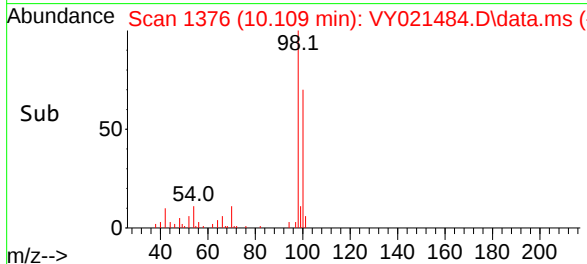
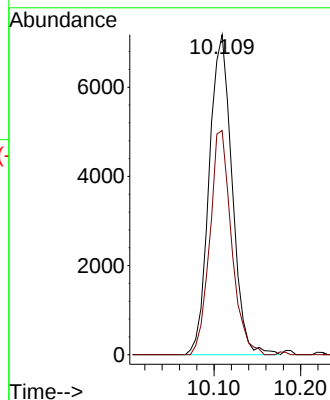
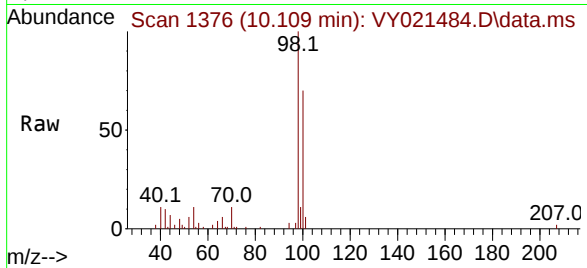




#50
Toluene-d8
Concen: 44.092 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021484.D
Acq: 11 Mar 2025 14:21

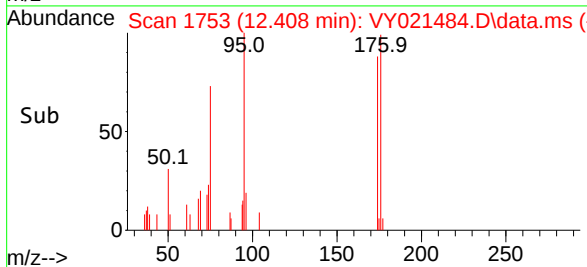
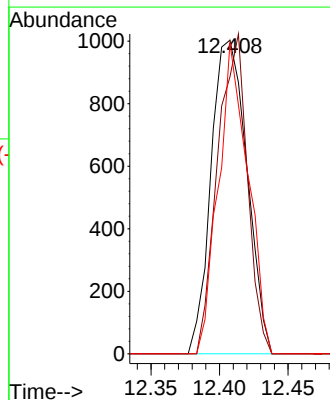
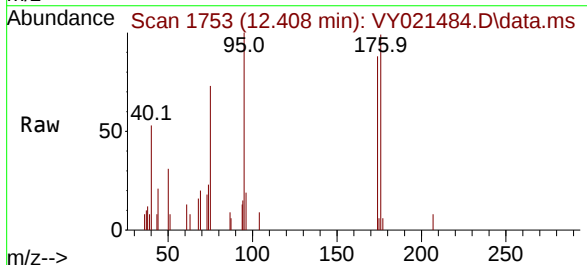
Instrument :
MSVOA_Y
ClientSampleId :
RBR251372RE

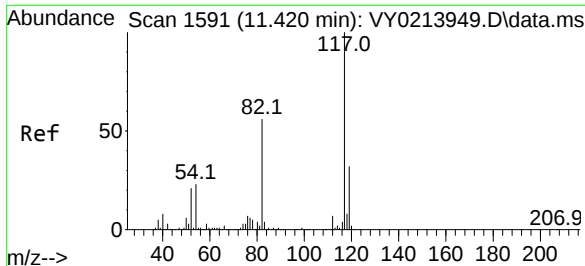
Tgt Ion: 98 Resp: 13153
Ion Ratio Lower Upper
98 100
100 66.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 18.005 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021484.D
Acq: 11 Mar 2025 14:21

Tgt Ion: 95 Resp: 1827
Ion Ratio Lower Upper
95 100
174 84.3 0.0 165.0
176 81.9 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021484.D

Acq: 11 Mar 2025 14:21

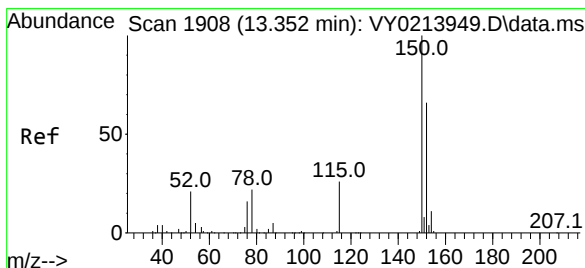
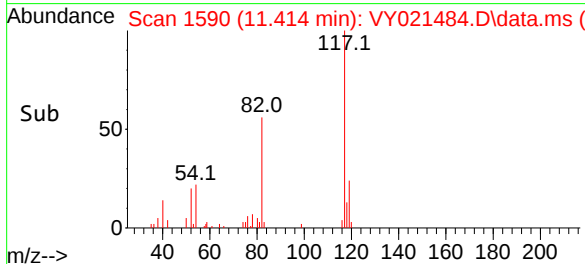
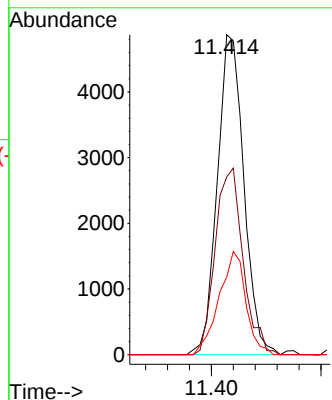
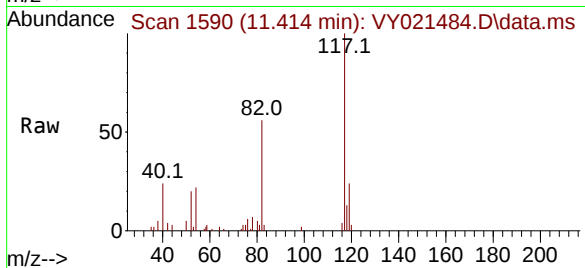
Instrument :

MSVOA_Y

ClientSampleId :

RBR251372RE

Tgt Ion:117	Resp:	8198
Ion	Ratio	Lower Upper
117	100	
82	55.6	44.6 67.0
119	24.3	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021484.D

Acq: 11 Mar 2025 14:21

Tgt Ion:152	Resp:	1048
Ion	Ratio	Lower Upper
152	100	
115	67.7	29.0 87.0
150	153.5	0.0 347.2

