

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022373.D
 Acq On : 21 May 2025 17:28
 Operator : SY/MD
 Sample : Q2087-01
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-05202025

Quant Time: May 22 00:13:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

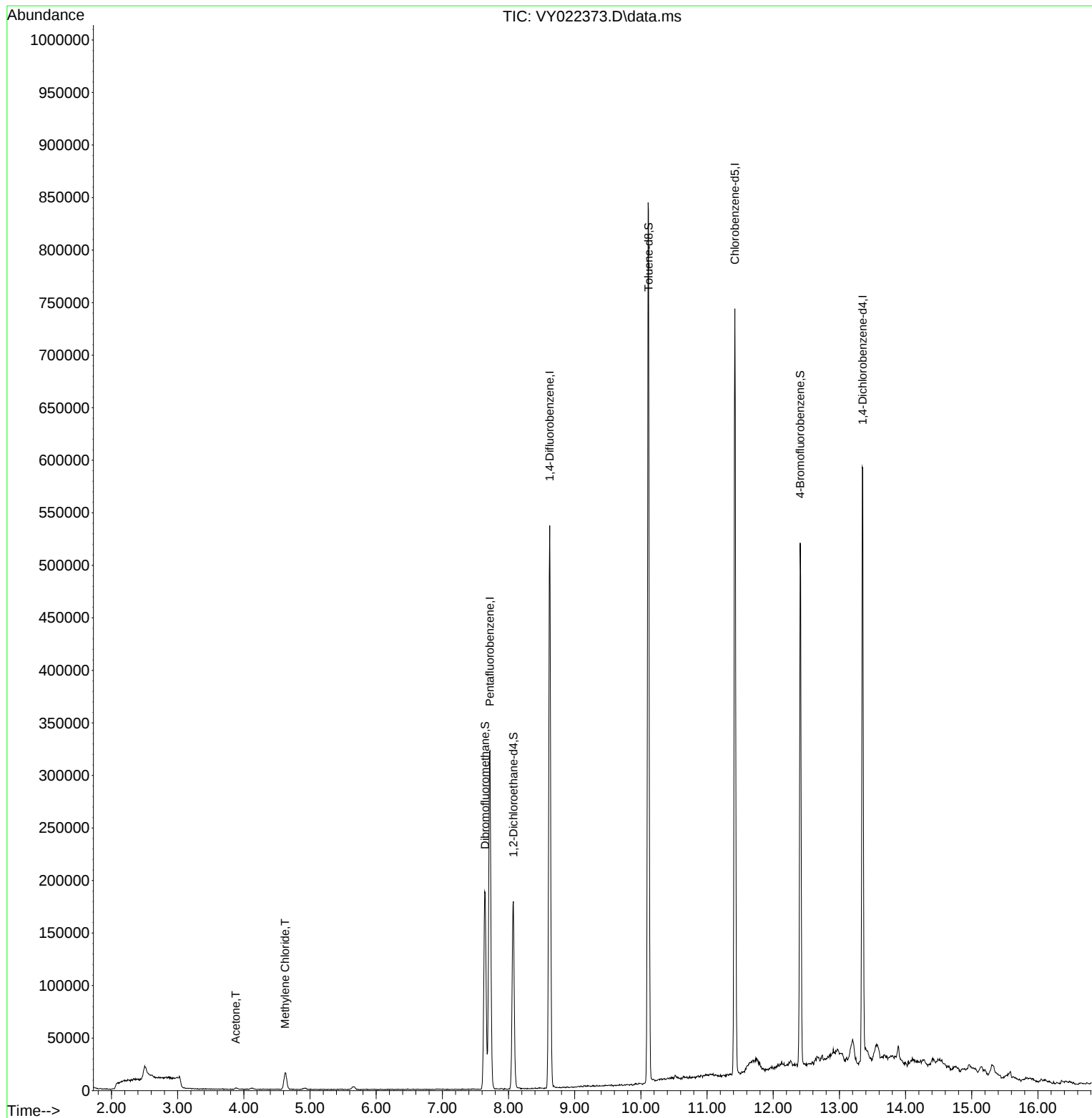
Internal Standards						
1) Pentafluorobenzene	7.719	168	248454	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	447940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	360758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	134748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	132929	48.954	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.900%
35) Dibromofluoromethane	7.646	113	131812	49.302	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.115	98	535202	48.878	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.408	95	140737	40.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.100%
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	3028	5.947	ug/l #	88
20) Methylene Chloride	4.622	84	11370	3.456	ug/l	88

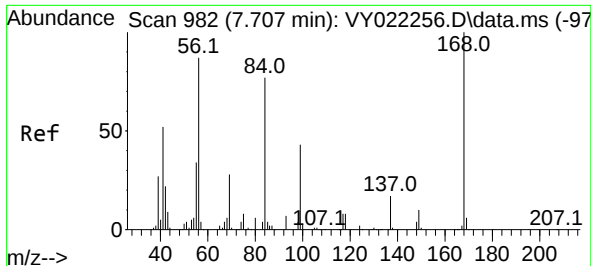
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022373.D
Acq On : 21 May 2025 17:28
Operator : SY/MD
Sample : Q2087-01
Misc : 5.38g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-05202025

Quant Time: May 22 00:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

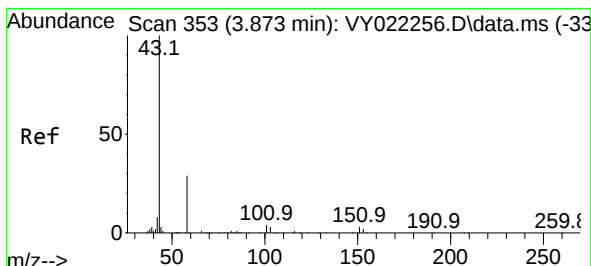
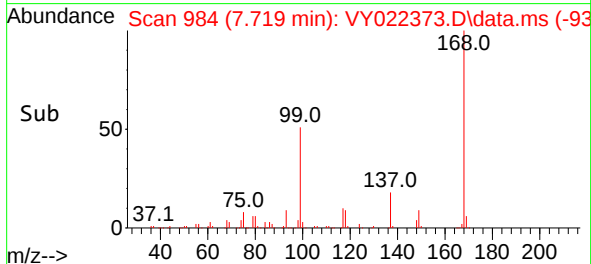
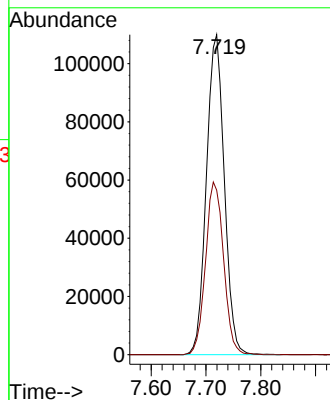
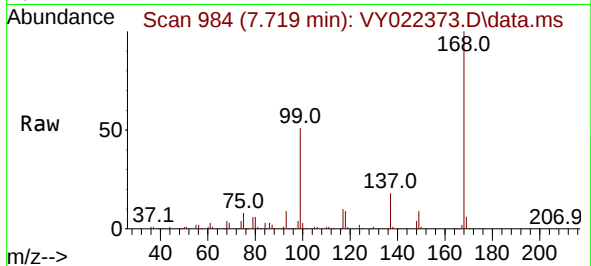




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022373.D
Acq: 21 May 2025 17:28

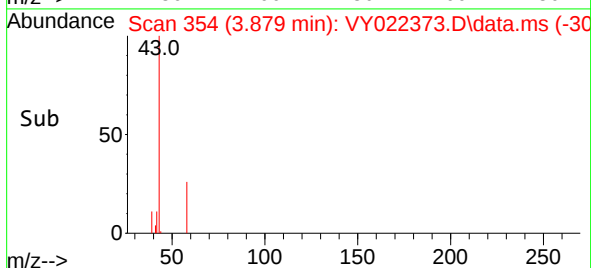
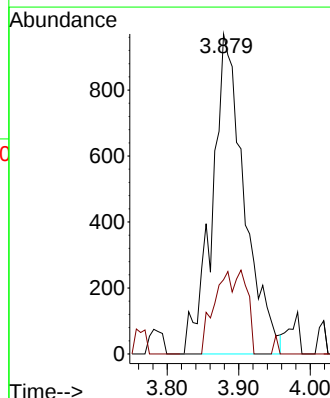
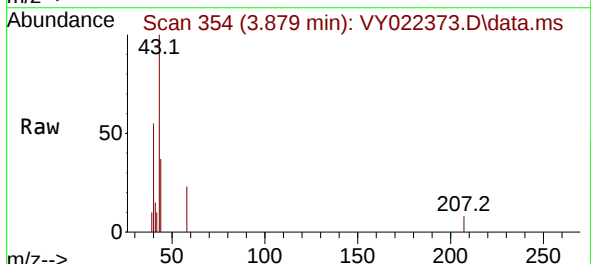
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-05202025

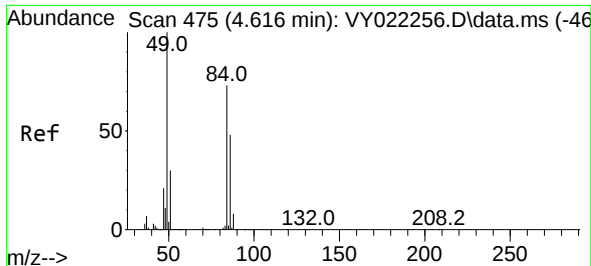
Tgt Ion:168 Resp: 248454
Ion Ratio Lower Upper
168 100
99 51.4 44.2 66.4



#16
Acetone
Concen: 5.947 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022373.D
Acq: 21 May 2025 17:28

Tgt Ion: 43 Resp: 3028
Ion Ratio Lower Upper
43 100
58 23.2 23.6 35.4#



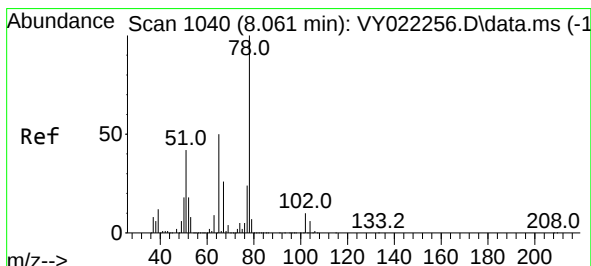
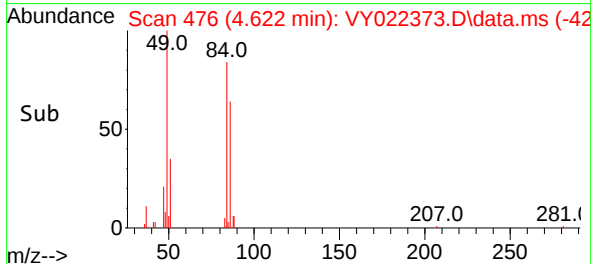
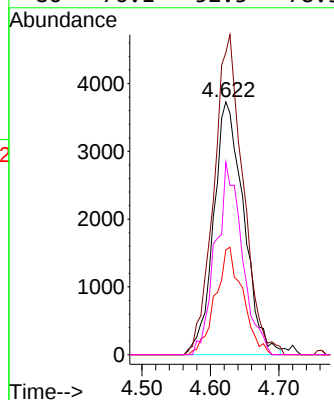
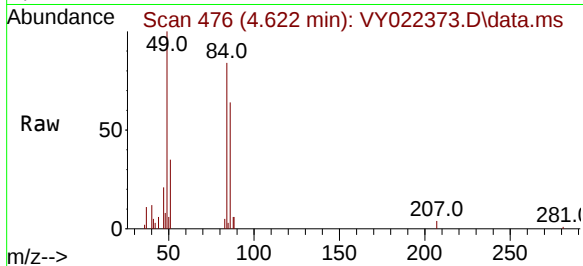


#20
Methylene Chloride
Concen: 3.456 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY022373.D
Acq: 21 May 2025 17:28

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-05202025

Tgt Ion: 84 Resp: 11370

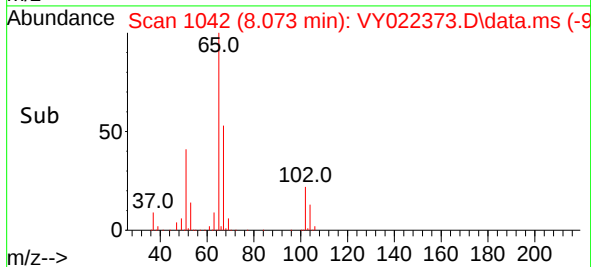
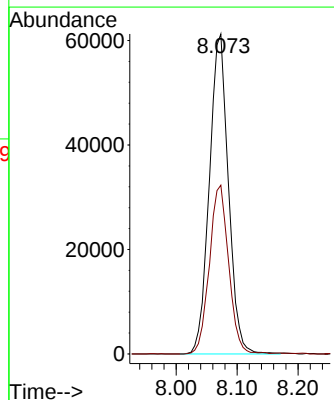
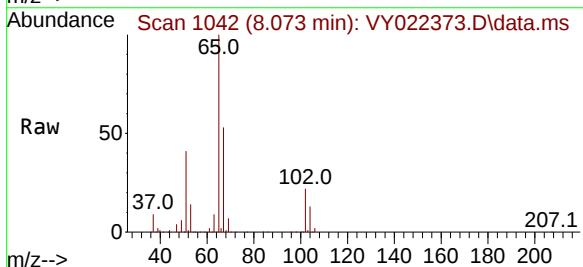
Ion	Ratio	Lower	Upper
84	100		
49	119.4	109.6	164.4
51	41.4	32.4	48.6
86	76.1	52.3	78.5

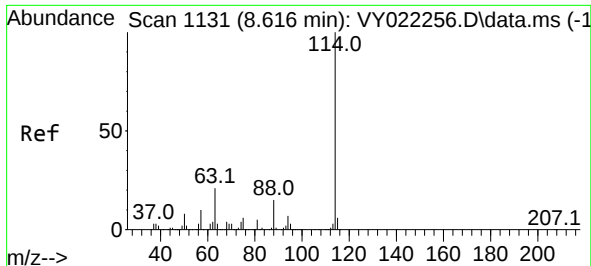


#33
1,2-Dichloroethane-d4
Concen: 48.954 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY022373.D
Acq: 21 May 2025 17:28

Tgt Ion: 65 Resp: 132929

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	104.6

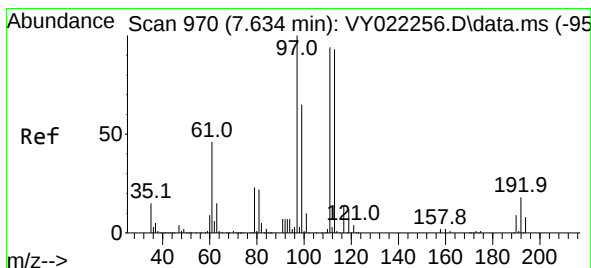
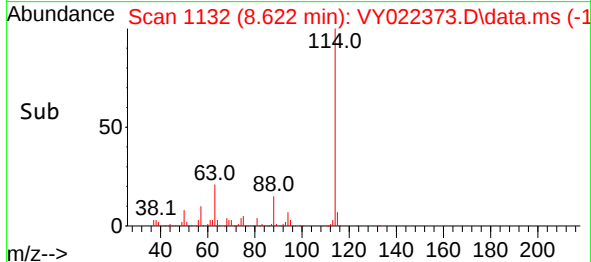
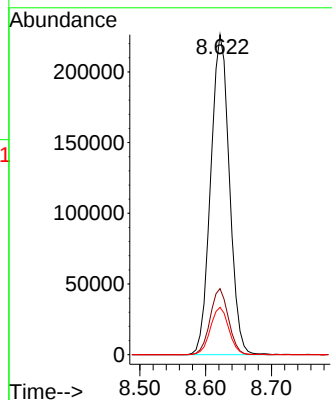
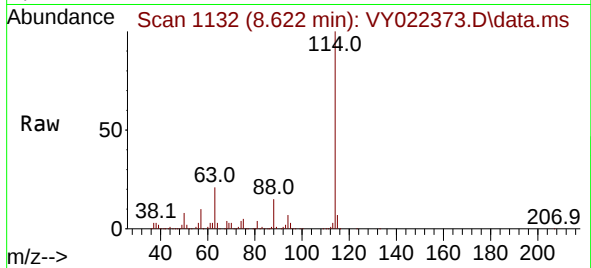




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY022373.D
Acq: 21 May 2025 17:28

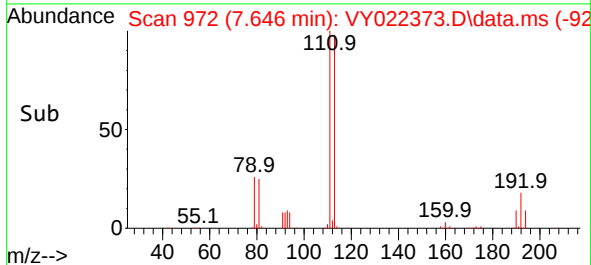
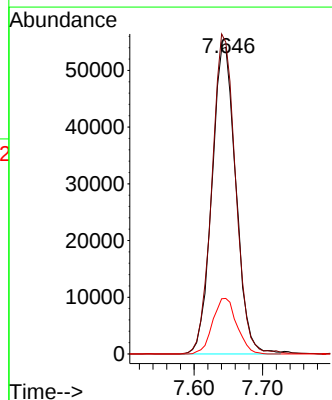
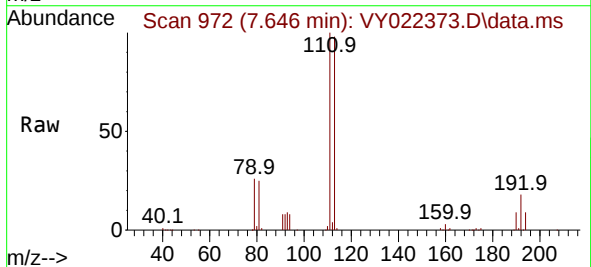
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-05202025

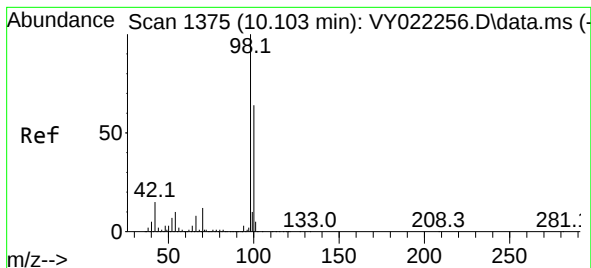
Tgt Ion:114 Resp: 447940
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.0
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.302 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.012 min
Lab File: VY022373.D
Acq: 21 May 2025 17:28

Tgt Ion:113 Resp: 131812
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 18.1 15.2 22.8





#50

Toluene-d8

Concen: 48.878 ug/l

RT: 10.115 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY022373.D

Acq: 21 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

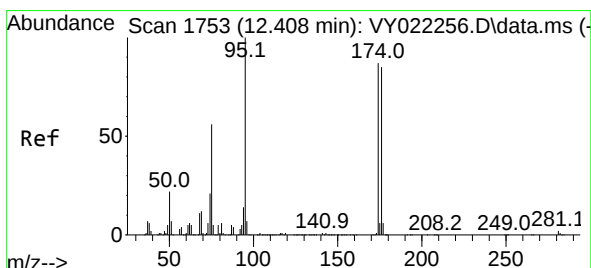
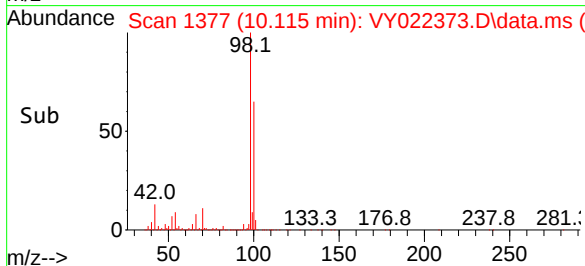
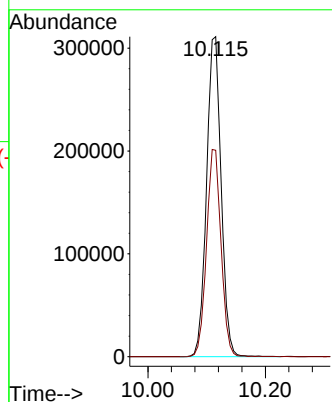
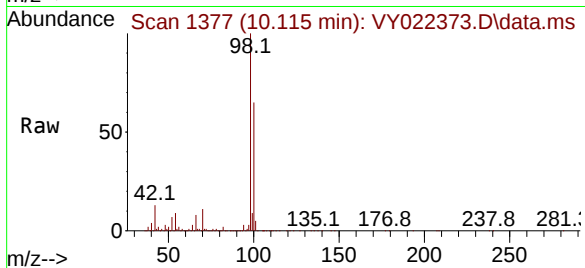
NB-07-05202025

Tgt Ion: 98 Resp: 535202

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 40.550 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY022373.D

Acq: 21 May 2025 17:28

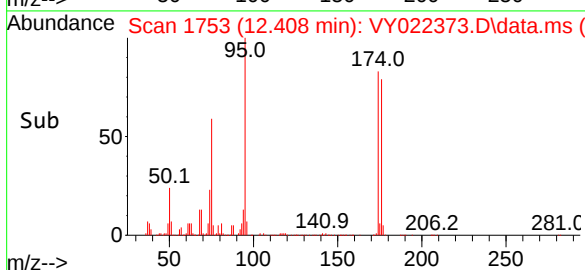
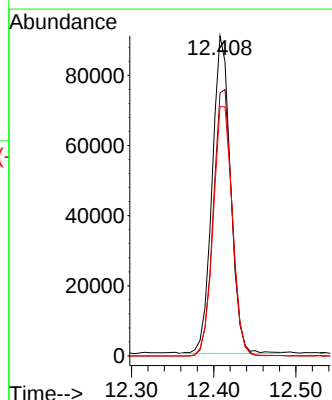
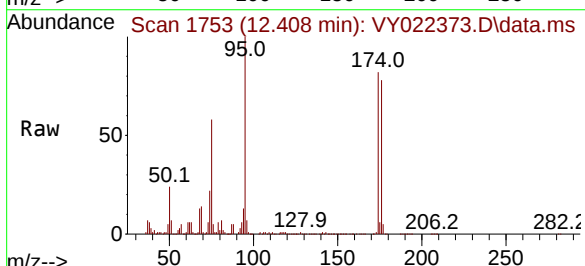
Tgt Ion: 95 Resp: 140737

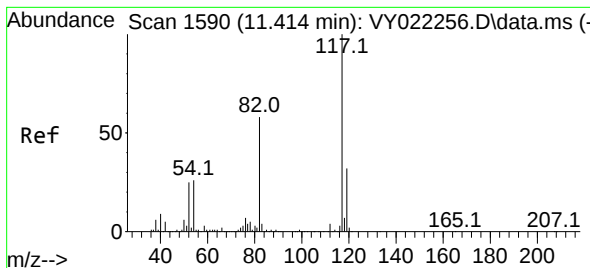
Ion Ratio Lower Upper

95 100

174 85.6 0.0 166.8

176 82.2 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022373.D

Acq: 21 May 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-05202025

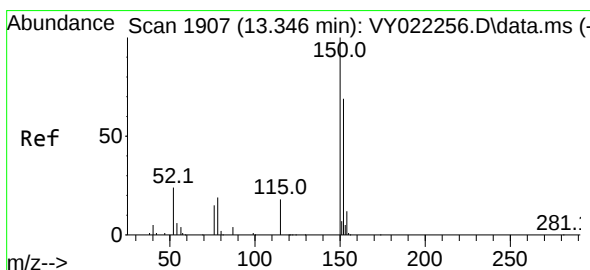
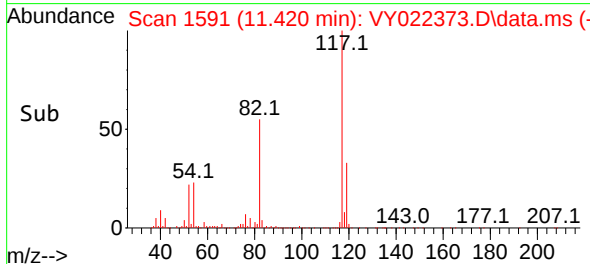
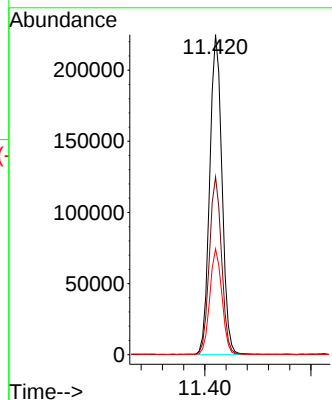
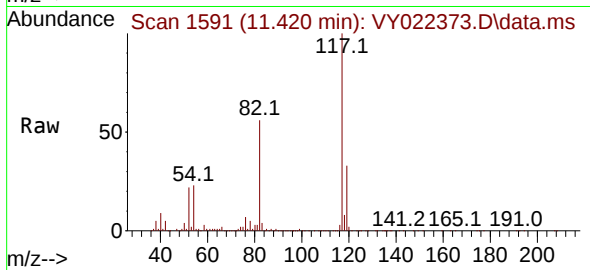
Tgt Ion:117 Resp: 360758

Ion Ratio Lower Upper

117 100

82 55.4 46.6 70.0

119 33.0 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022373.D

Acq: 21 May 2025 17:28

Tgt Ion:152 Resp: 134748

Ion Ratio Lower Upper

152 100

115 57.4 29.4 88.2

150 156.4 0.0 353.8

