

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022833.D
 Acq On : 25 Jun 2025 18:26
 Operator : SY/MD
 Sample : Q2425-03
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Jun 26 01:29:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

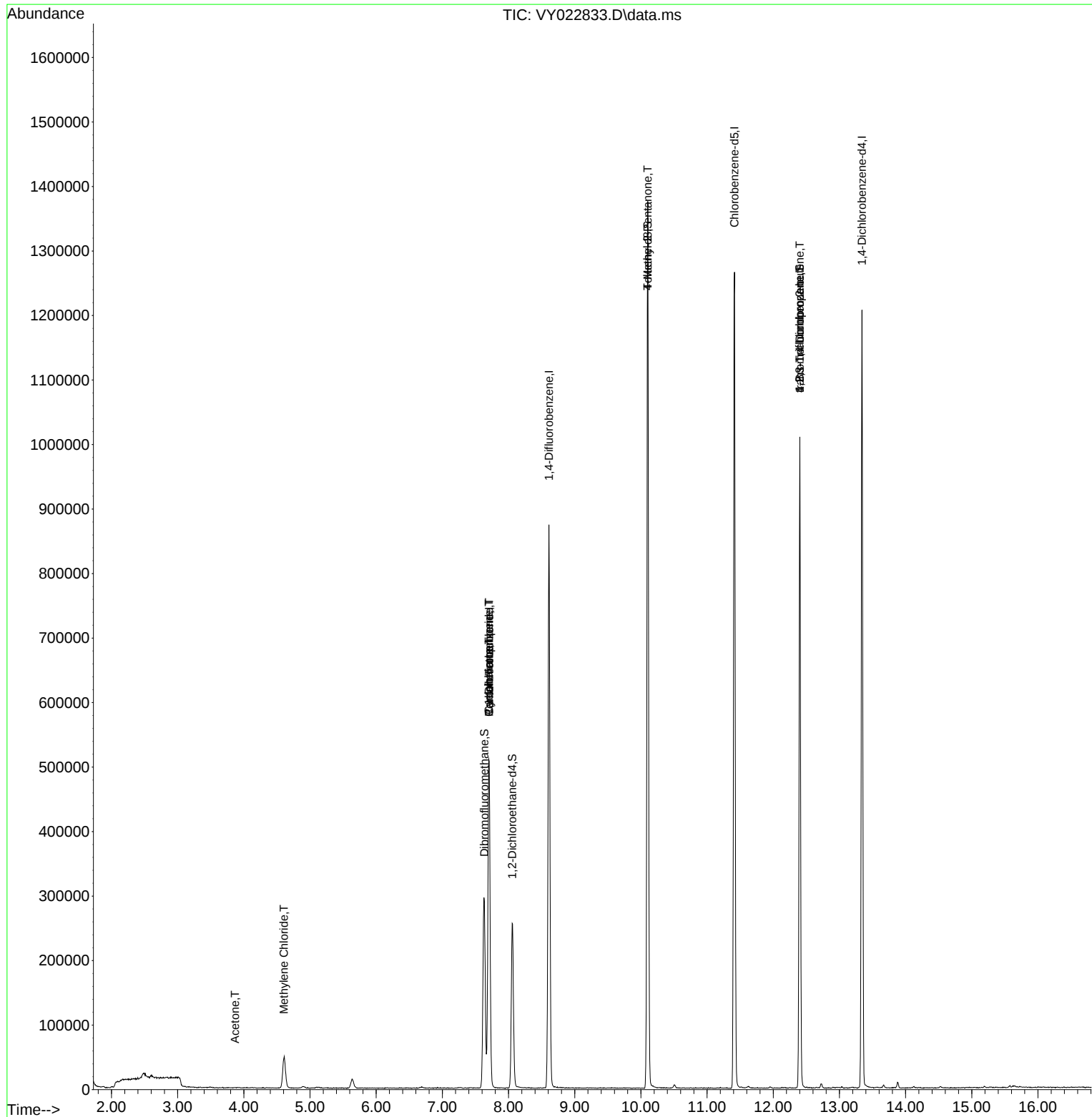
Internal Standards						
1) Pentafluorobenzene	7.707	168	401005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	712820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	666622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	284845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	204407	45.671	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.340%
35) Dibromofluoromethane	7.634	113	214625	49.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.103	98	856898	49.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.401	95	284808	51.503	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.000%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	1017	1.202	ug/l #	45
20) Methylene Chloride	4.604	84	35538	6.652	ug/l	87
31) Cyclohexane	7.701	56	9649	1.255	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	33197	5.052	ug/l #	50
38) Carbon Tetrachloride	7.707	117	39912	5.757	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	4021	1.343	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	159383	54.808	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	159383	138.466	ug/l #	10

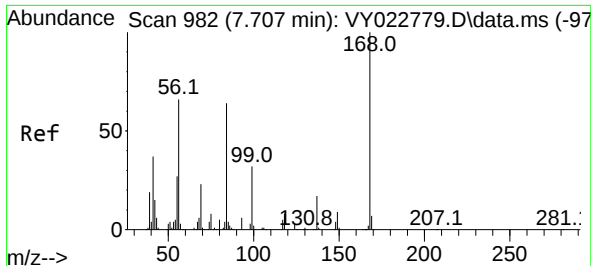
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
Data File : VY022833.D
Acq On : 25 Jun 2025 18:26
Operator : SY/MD
Sample : Q2425-03
Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Quant Time: Jun 26 01:29:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

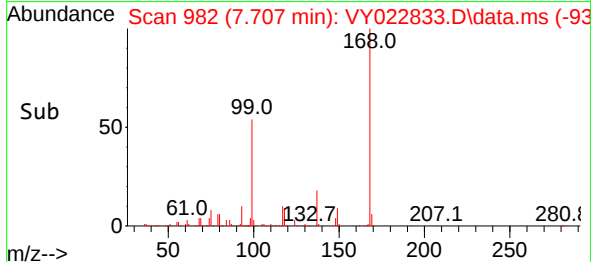
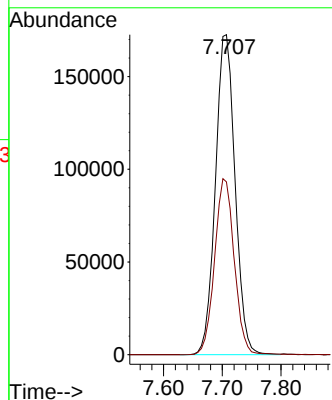
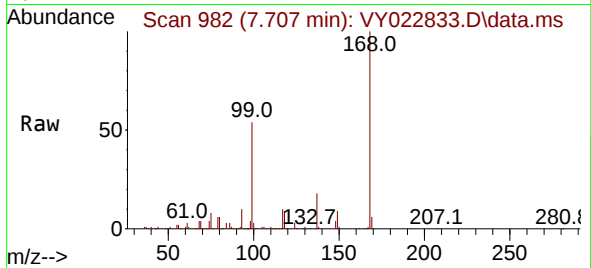




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

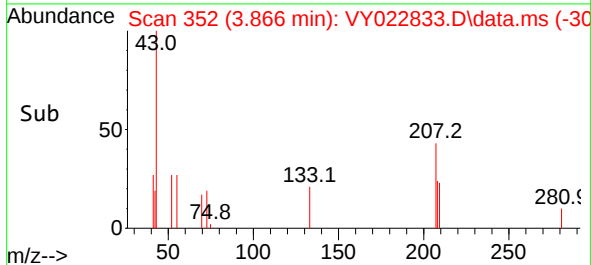
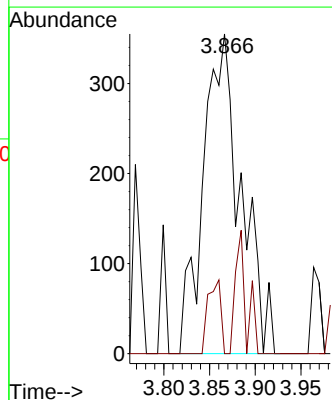
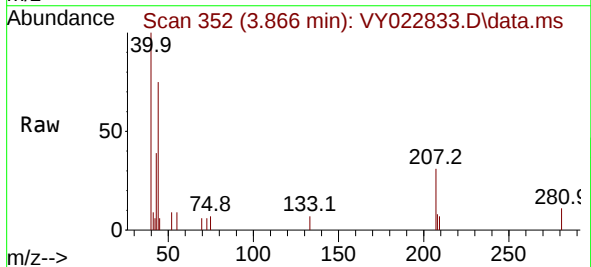
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

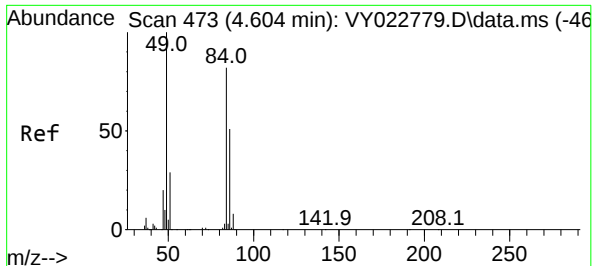
Tgt Ion:168 Resp: 401005
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5



#16
Acetone
Concen: 1.202 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

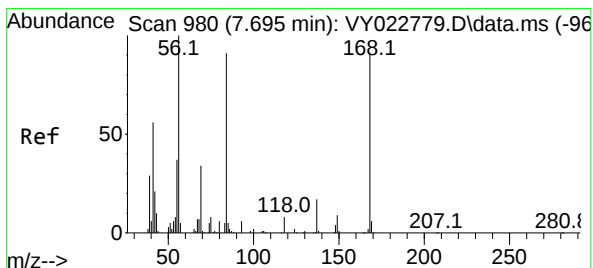
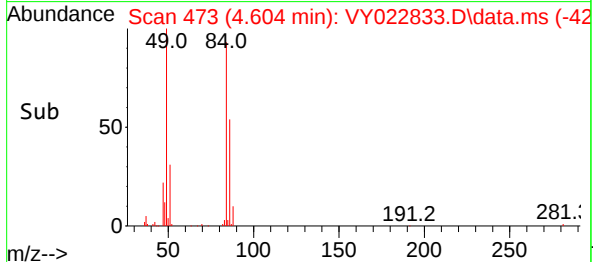
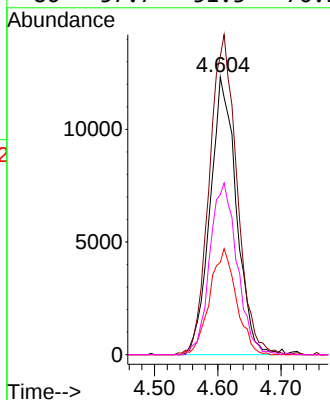
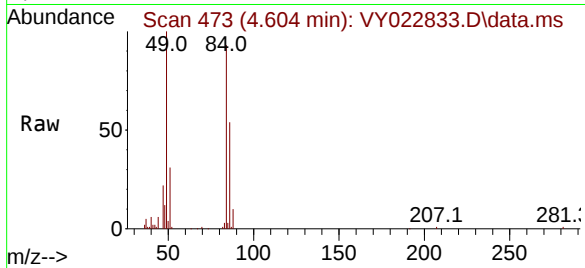




#20
Methylene Chloride
Concen: 6.652 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.019 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

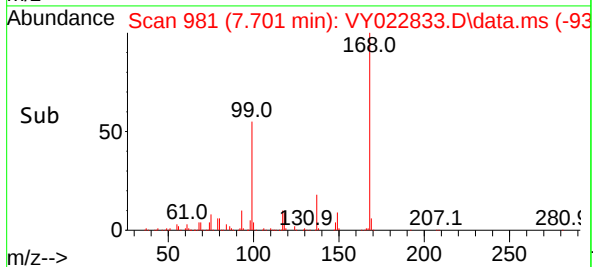
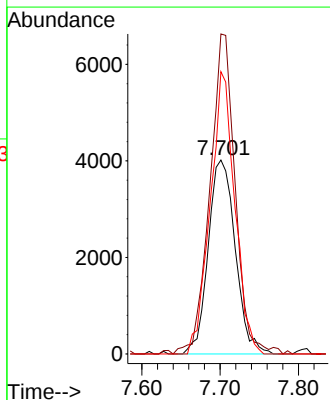
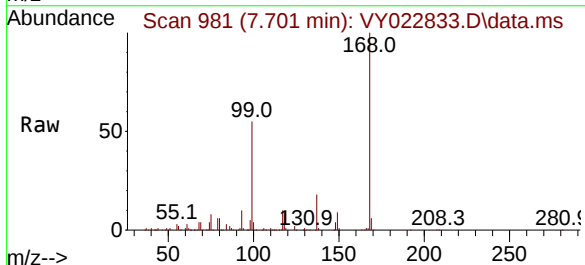
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

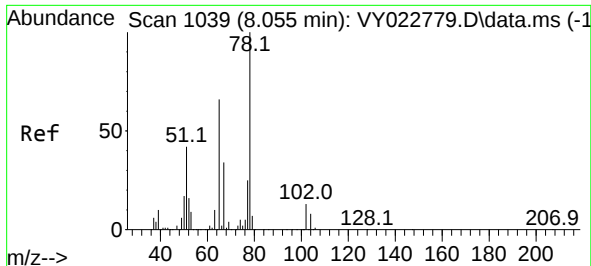
Tgt Ion:	84	Resp:	35538
Ion	Ratio	Lower	Upper
84	100		
49	106.7	101.9	152.9
51	33.2	29.8	44.8
86	57.7	51.3	76.9



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

Tgt Ion:	56	Resp:	9649
Ion	Ratio	Lower	Upper
56	100		
69	162.3	27.0	40.6#
84	145.6	72.6	109.0#

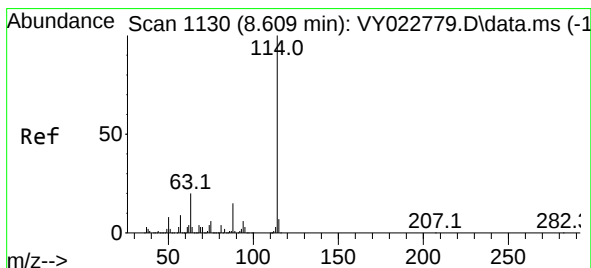
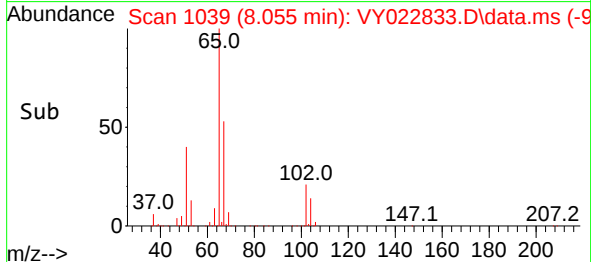
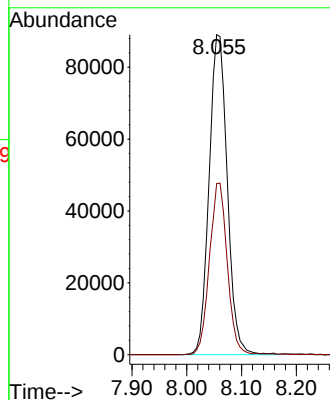
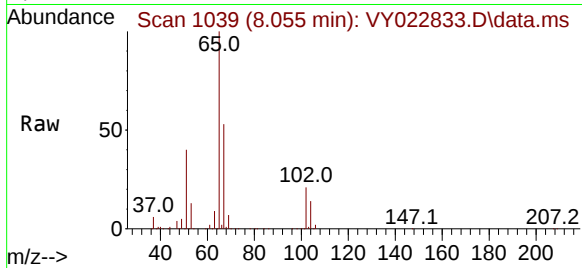




#33
 1,2-Dichloroethane-d4
 Concen: 45.671 ug/l
 RT: 8.055 min Scan# 1039
 Delta R.T. -0.012 min
 Lab File: VY022833.D
 Acq: 25 Jun 2025 18:26

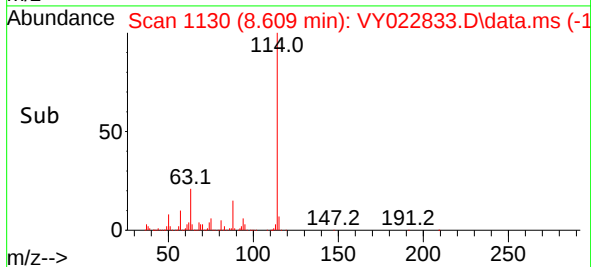
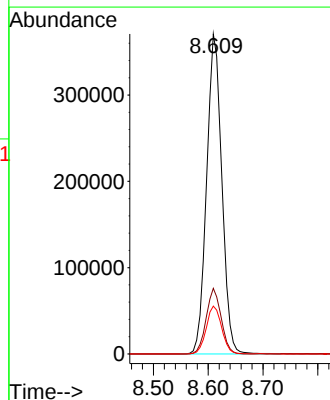
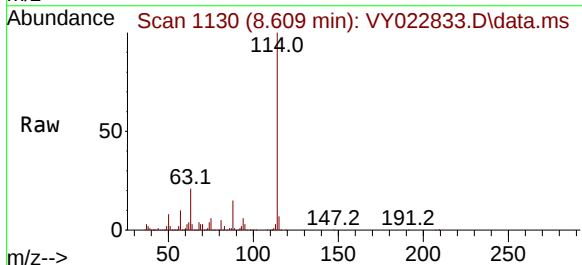
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

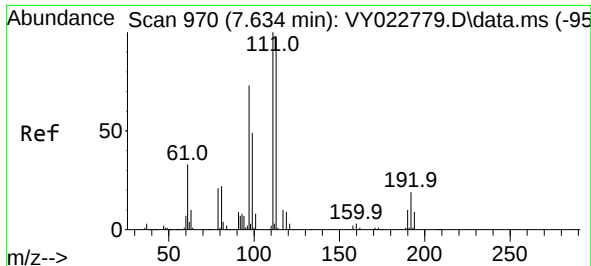
Tgt Ion: 65 Resp: 204407
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY022833.D
 Acq: 25 Jun 2025 18:26

Tgt Ion: 114 Resp: 712820
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 14.9 0.0 27.8

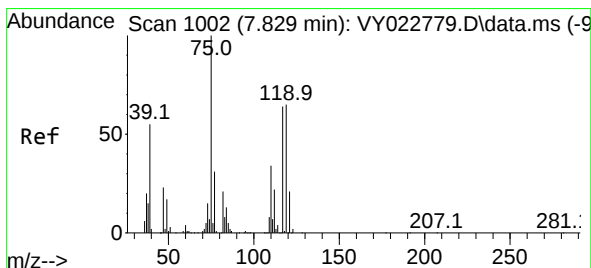
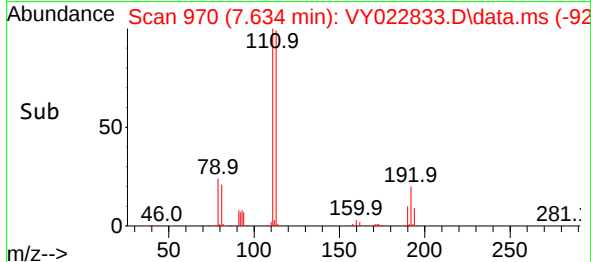
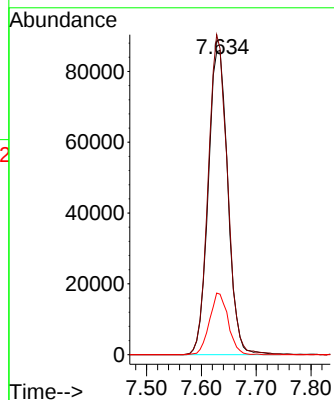
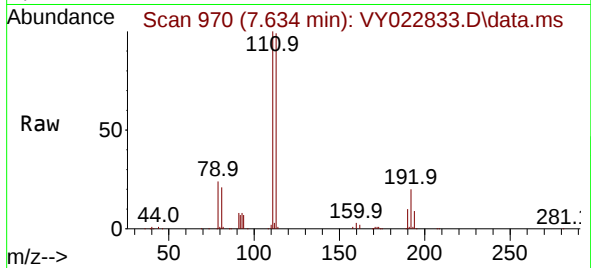




#35
Dibromofluoromethane
Concen: 49.509 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

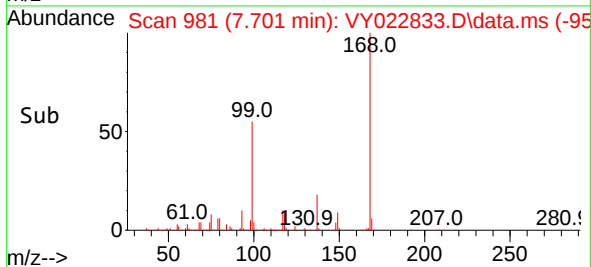
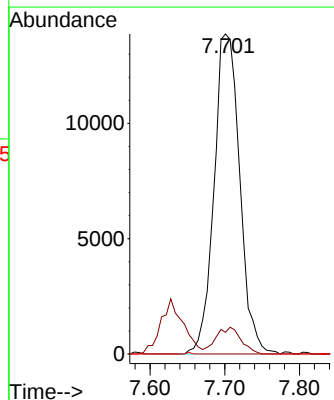
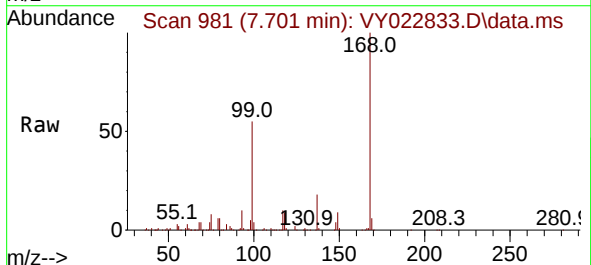
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

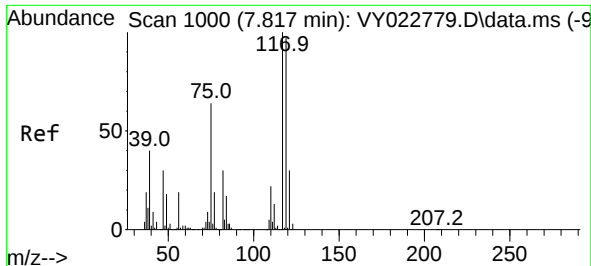
Tgt Ion:113 Resp: 214625
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 19.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.141 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

Tgt Ion: 75 Resp: 33197
Ion Ratio Lower Upper
75 100
110 8.2 16.9 50.7#
77 0.0 24.8 37.2#

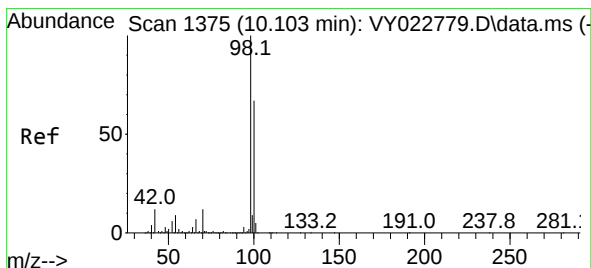
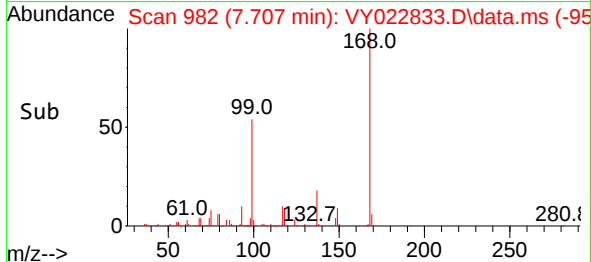
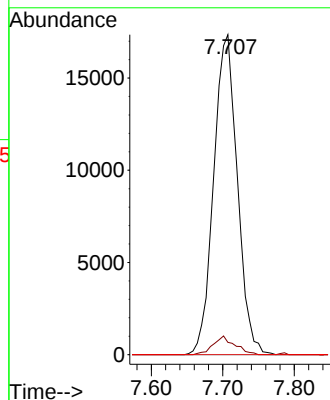
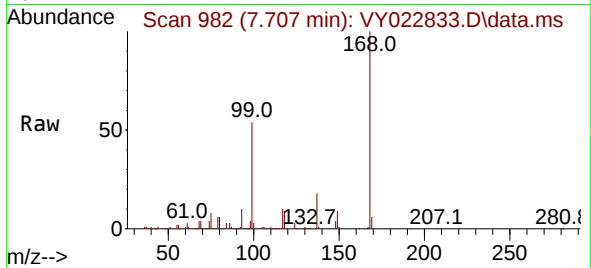




#38
Carbon Tetrachloride
Concen: 5.757 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

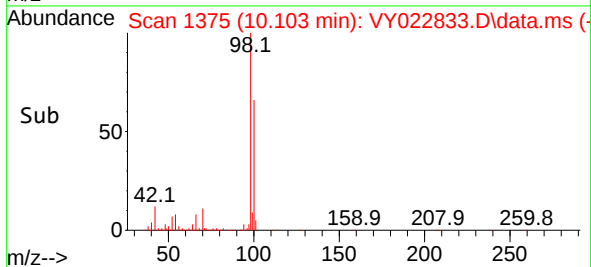
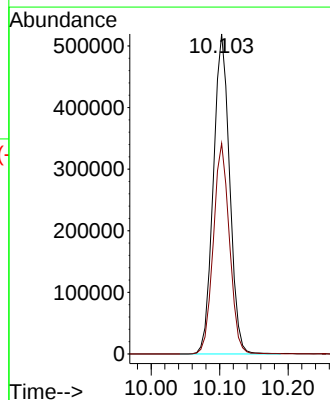
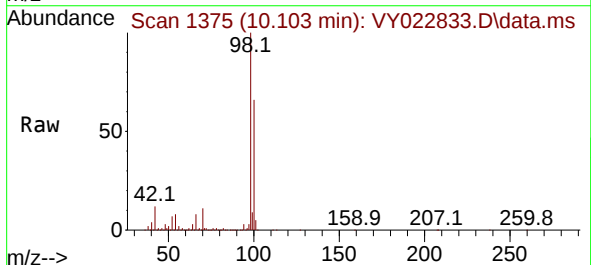
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

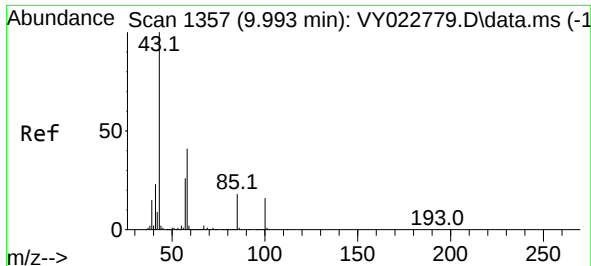
Tgt Ion:117 Resp: 39912
Ion Ratio Lower Upper
117 100
119 3.8 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.814 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

Tgt Ion: 98 Resp: 856898
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

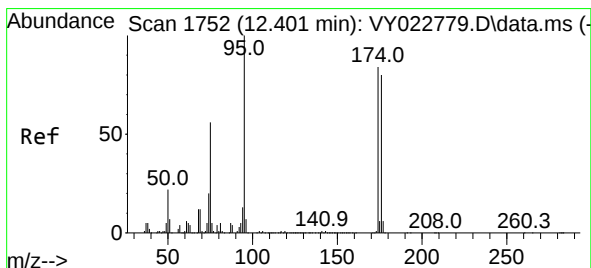
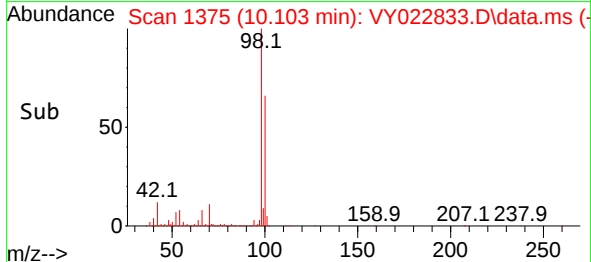
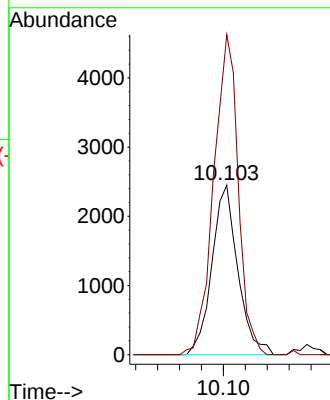
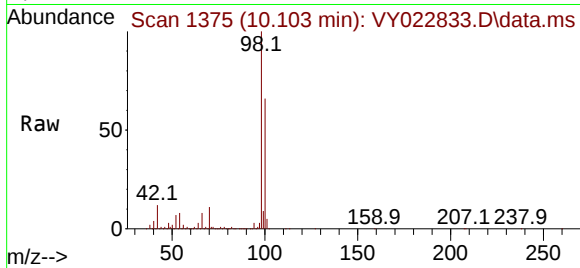




#51
4-Methyl-2-Pentanone
Concen: 1.343 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

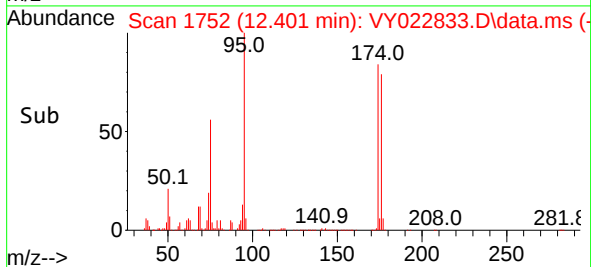
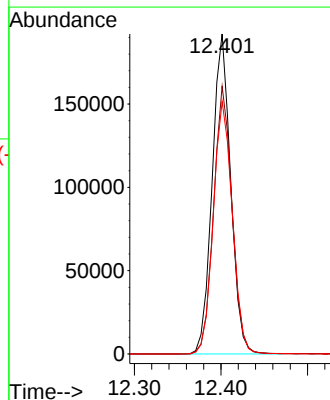
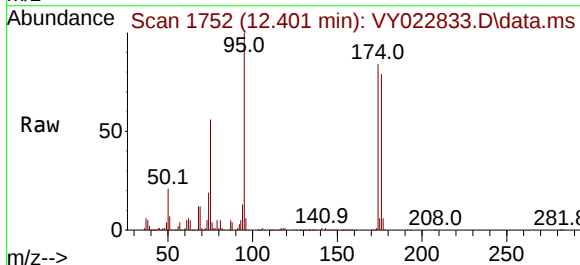
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

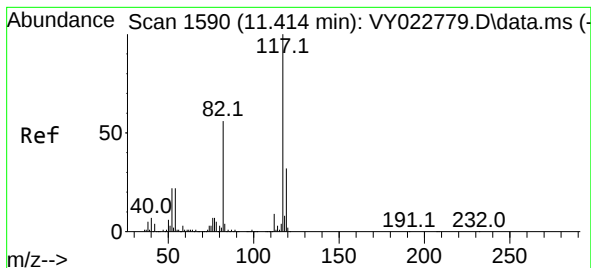
Tgt Ion: 43 Resp: 4021
Ion Ratio Lower Upper
43 100
58 178.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

Tgt Ion: 95 Resp: 284808
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.0
176 81.3 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022833.D

Acq: 25 Jun 2025 18:26

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

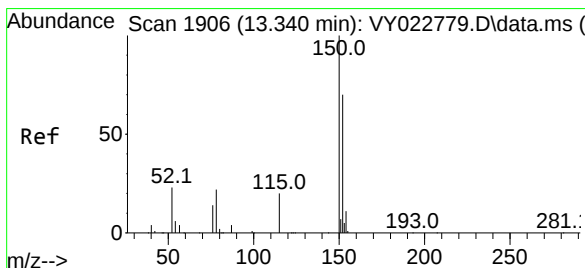
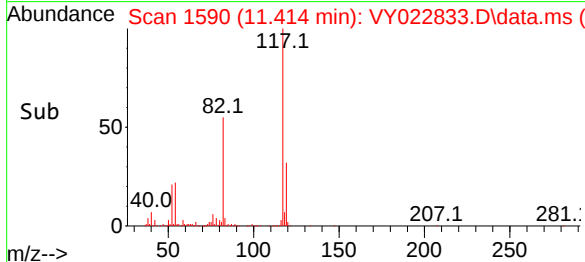
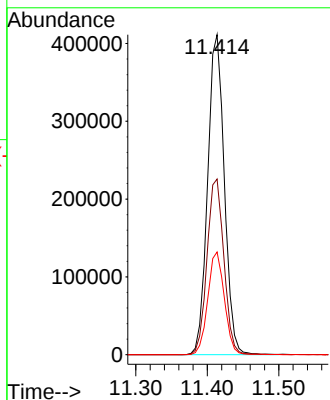
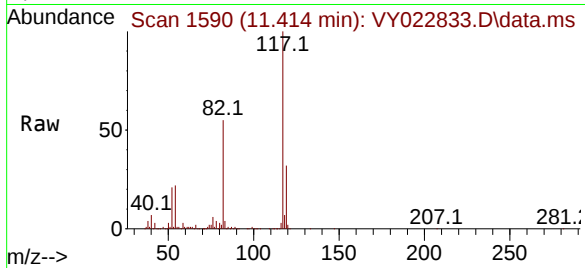
Tgt Ion:117 Resp: 666622

Ion Ratio Lower Upper

117 100

82 54.9 44.6 66.8

119 32.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022833.D

Acq: 25 Jun 2025 18:26

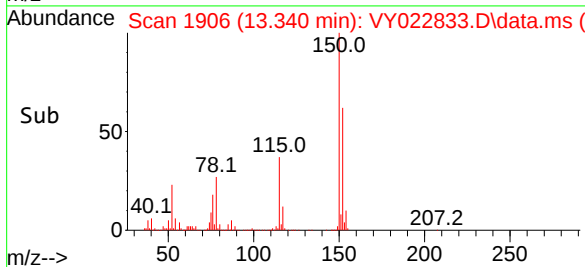
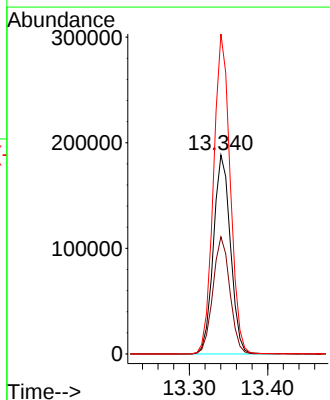
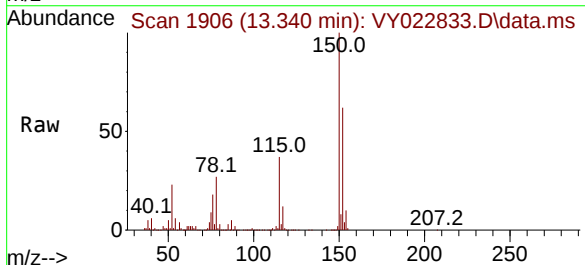
Tgt Ion:152 Resp: 284845

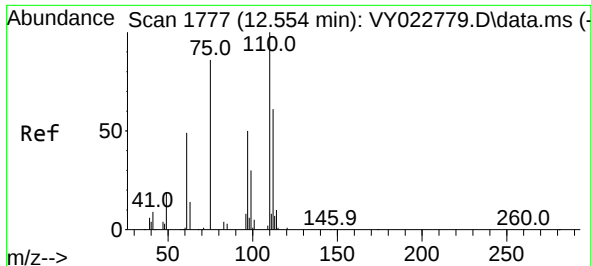
Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.7

150 157.9 0.0 349.6

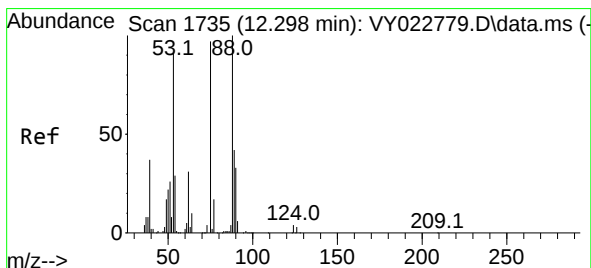
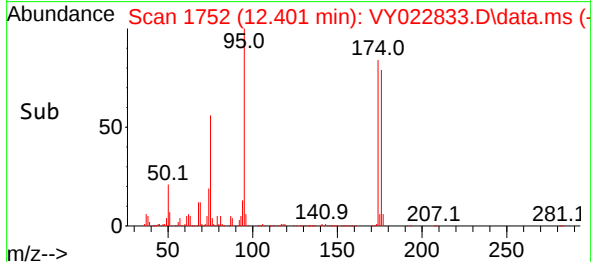
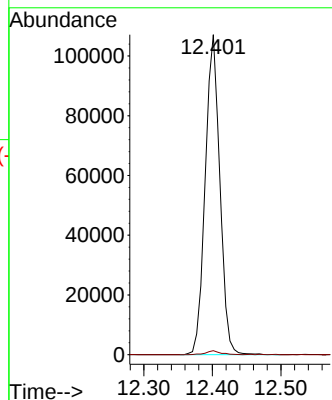
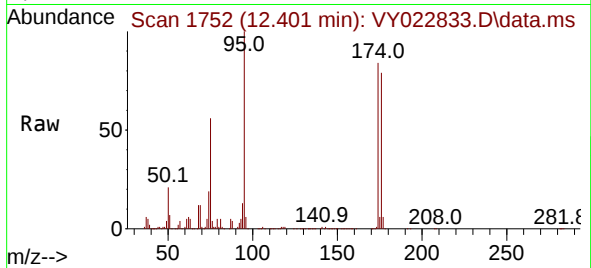




#76
1,2,3-Trichloropropane
Concen: 54.808 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion: 75 Resp: 159383
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.466 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY022833.D
Acq: 25 Jun 2025 18:26

Tgt Ion: 75 Resp: 159383
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 35.7 53.5#

