

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022853.D
 Acq On : 27 Jun 2025 11:32
 Operator : SY/MD
 Sample : VY0627SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBL01

Quant Time: Jun 27 23:14:28 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	7.713	168	358693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	655911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	603519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	250491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	177954	44.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.900%
35) Dibromofluoromethane	7.640	113	196071	49.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.109	98	780045	49.281	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.408	95	260646	51.223	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.440%

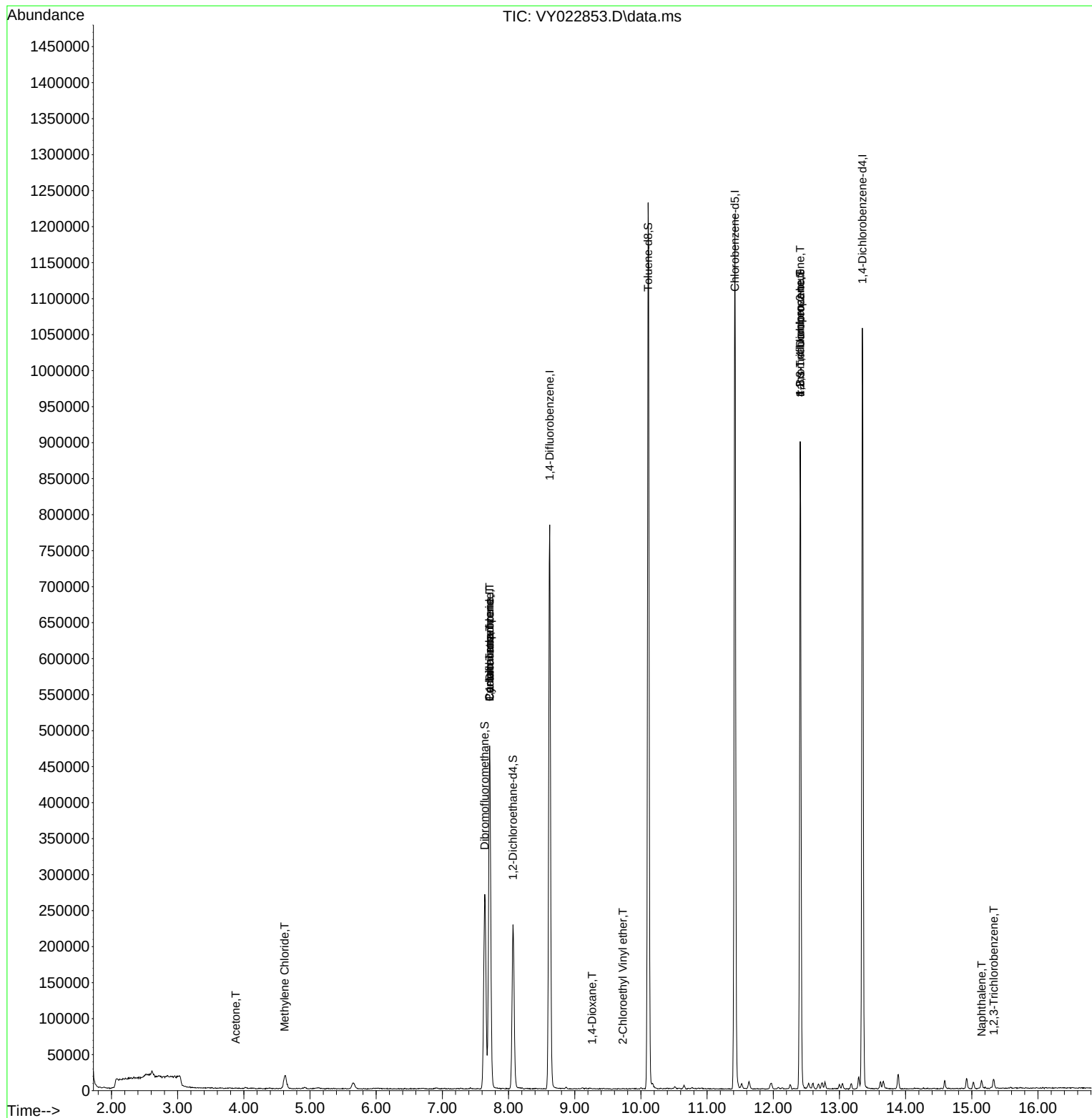
Target Compounds					Qvalue	
16) Acetone	3.879	43	1271	1.680	ug/l #	79
20) Methylene Chloride	4.616	84	13622	2.851	ug/l #	83
31) Cyclohexane	7.713	56	8761	1.274	ug/l #	5
36) 1,1-Dichloropropene	7.713	75	30748	5.085	ug/l #	51
38) Carbon Tetrachloride	7.713	117	36637	5.743	ug/l #	16
49) 1,4-Dioxane	9.262	88	36	1.234	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.725	63	317	15.787	ug/l #	48
76) 1,2,3-Trichloropropane	12.408	75	145887	57.047	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	145887	144.124	ug/l #	10
95) Naphthalene	15.151	128	8417	1.109	ug/l	94
96) 1,2,3-Trichlorobenzene	15.334	180	3932	1.084	ug/l	94

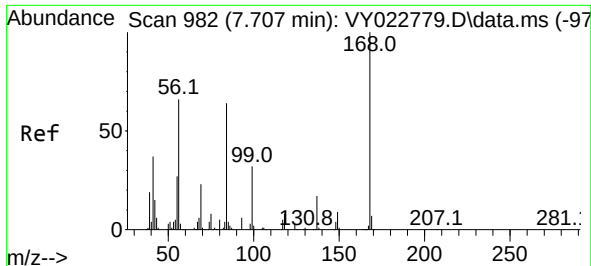
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
Data File : VY022853.D
Acq On : 27 Jun 2025 11:32
Operator : SY/MD
Sample : VY0627SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

Quant Time: Jun 27 23:14:28 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

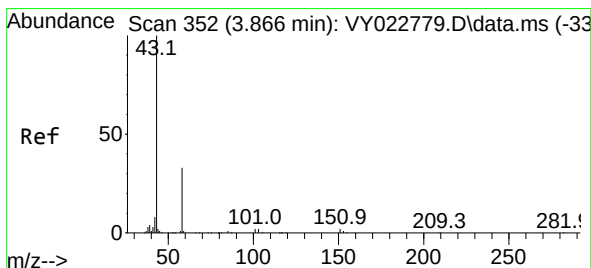
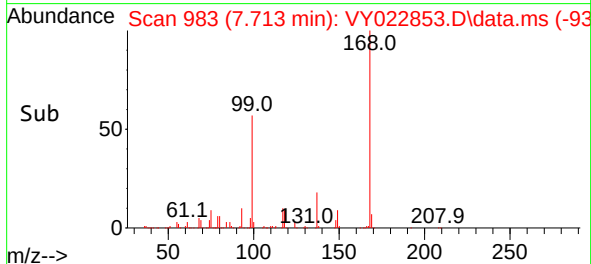
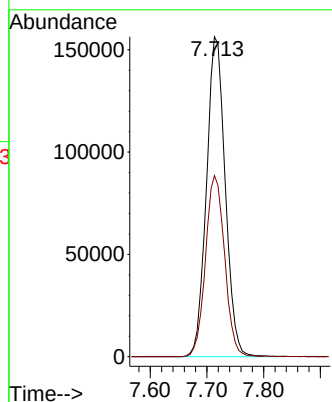
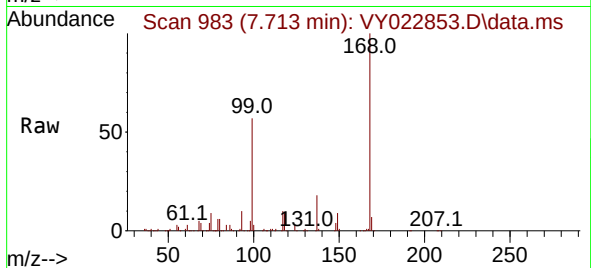




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

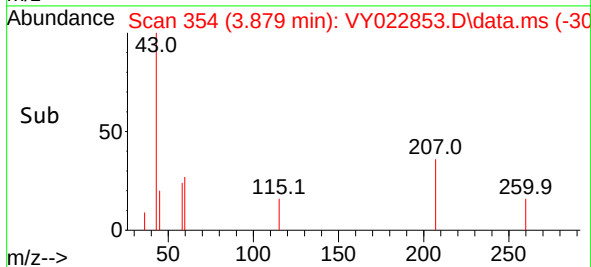
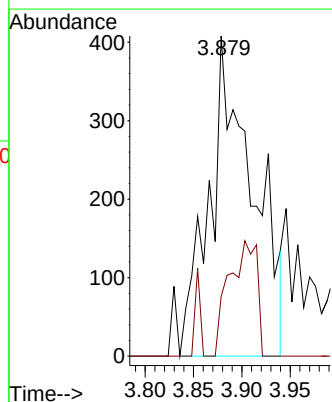
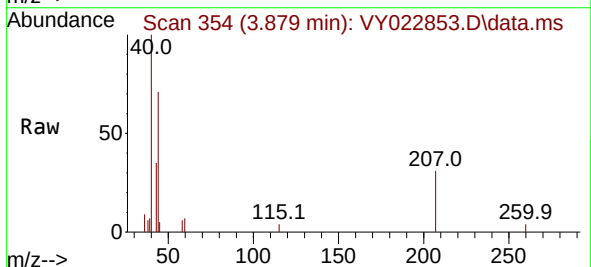
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

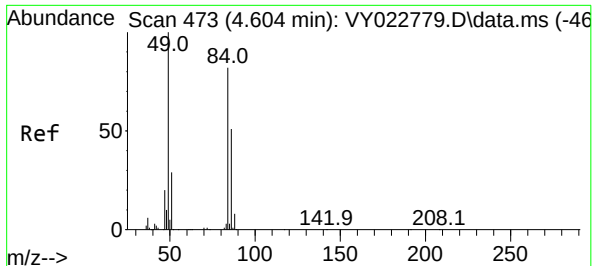
Tgt Ion:168 Resp: 358693
Ion Ratio Lower Upper
168 100
99 56.6 44.3 66.5



#16
Acetone
Concen: 1.680 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion: 43 Resp: 1271
Ion Ratio Lower Upper
43 100
58 18.6 24.0 36.0#

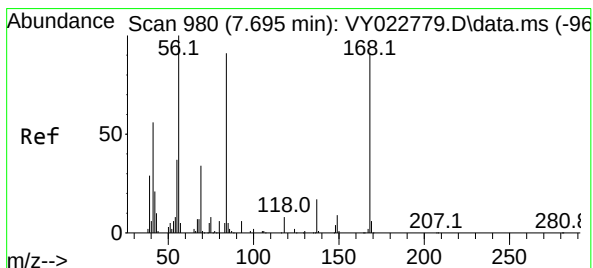
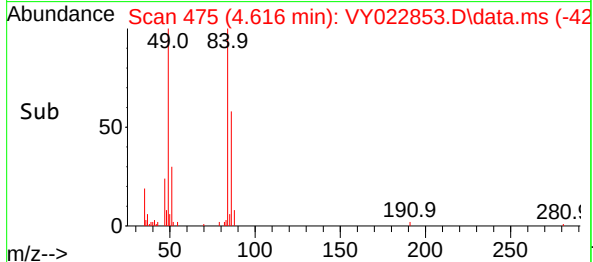
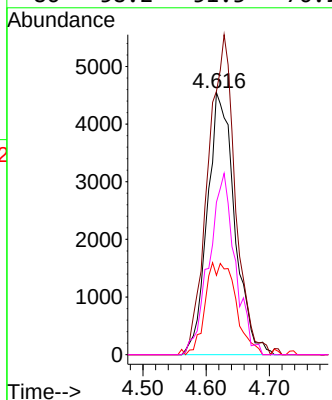
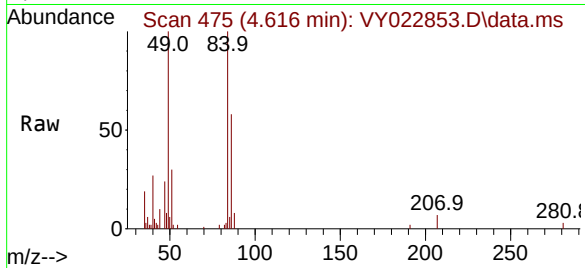




#20
Methylene Chloride
Concen: 2.851 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

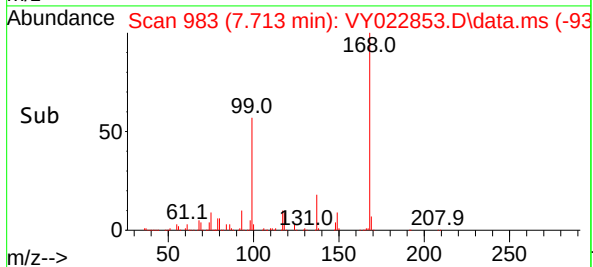
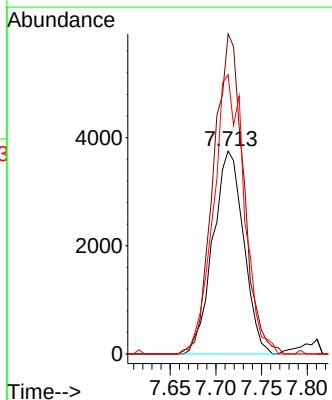
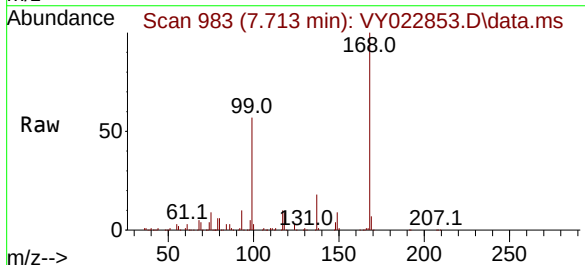
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

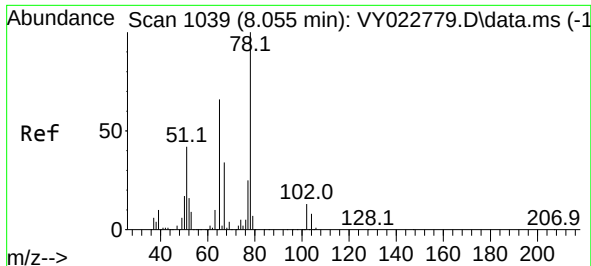
Tgt Ion:	84	Resp:	13622
Ion	Ratio	Lower	Upper
84	100		
49	100.5	101.9	152.9#
51	30.3	29.8	44.8
86	58.2	51.3	76.9



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion:	56	Resp:	8761
Ion	Ratio	Lower	Upper
56	100		
69	157.7	27.0	40.6#
84	137.6	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 44.451 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY022853.D

Acq: 27 Jun 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

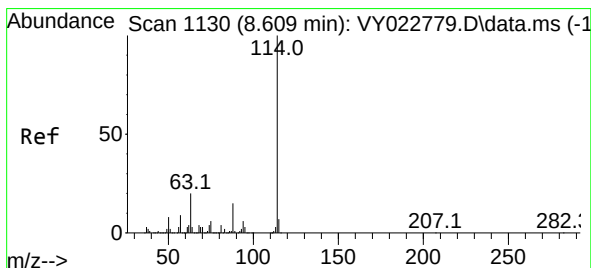
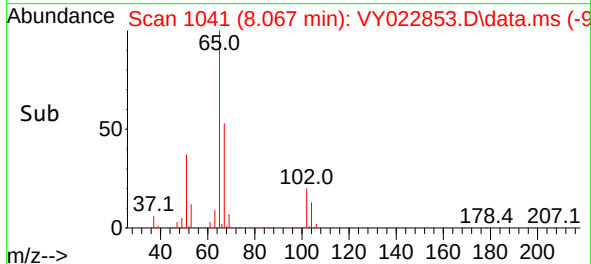
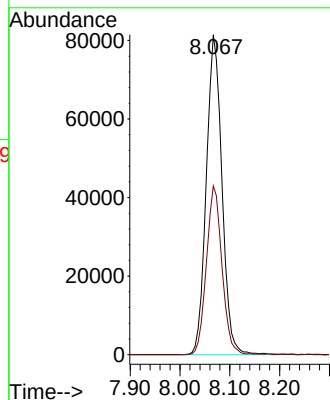
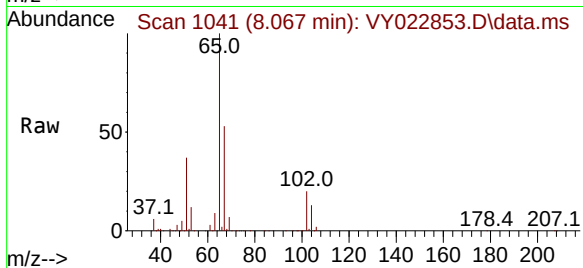
VY0627SBL01

Tgt Ion: 65 Resp: 177954

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022853.D

Acq: 27 Jun 2025 11:32

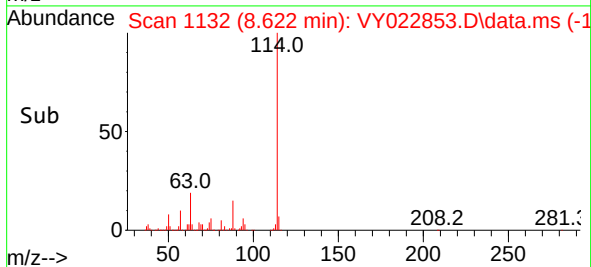
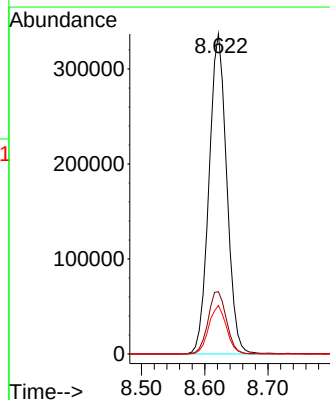
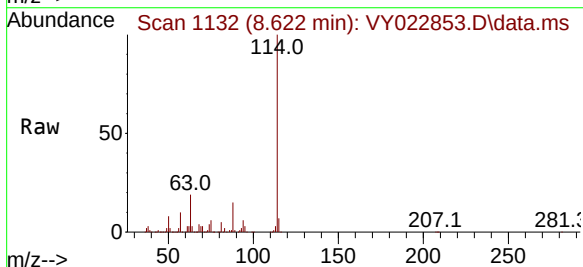
Tgt Ion:114 Resp: 655911

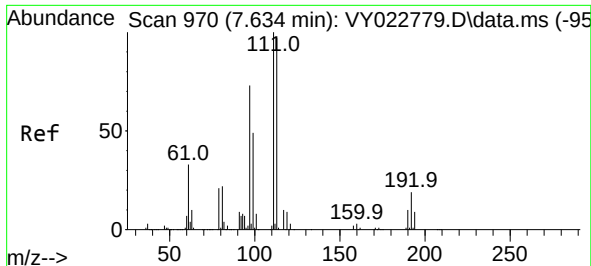
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 15.1 0.0 27.8

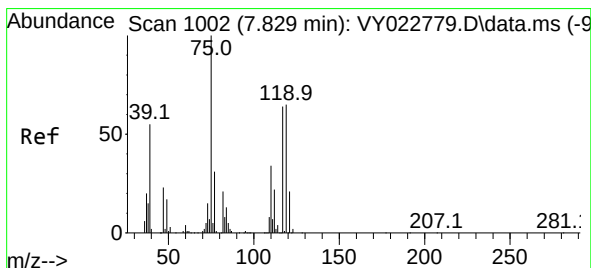
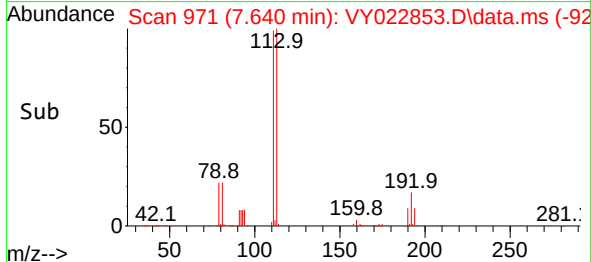
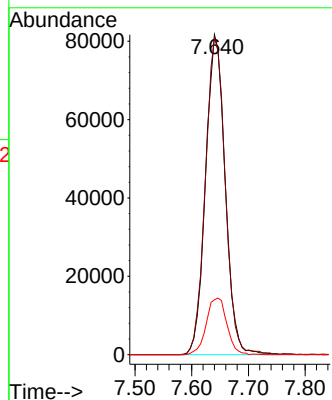
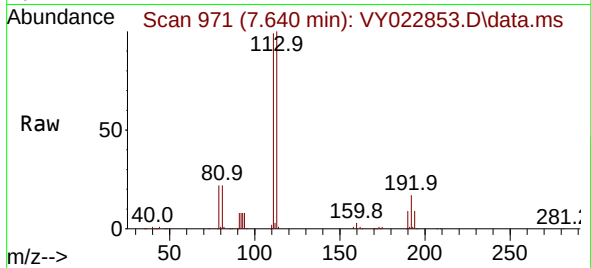




#35
Dibromofluoromethane
Concen: 49.154 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

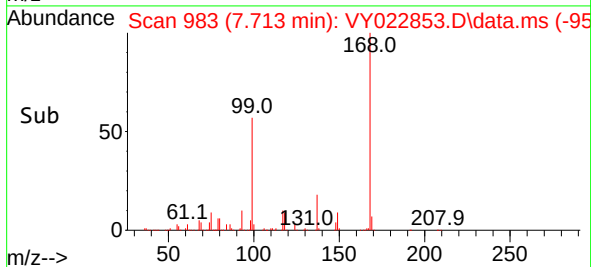
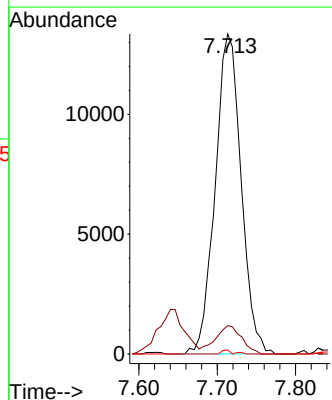
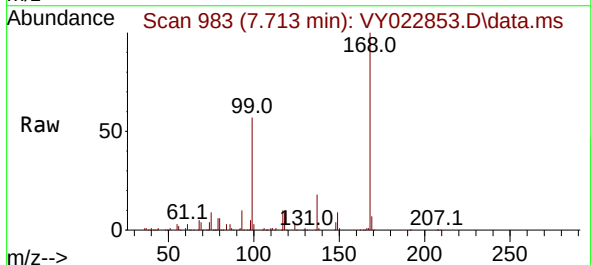
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

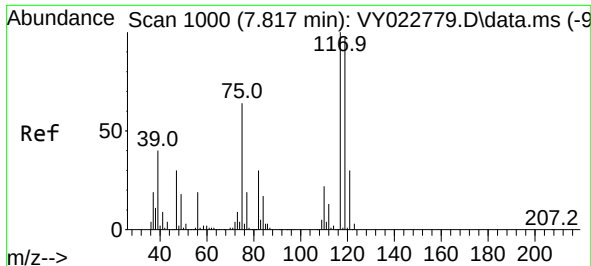
Tgt Ion:113 Resp: 196071
Ion Ratio Lower Upper
113 100
111 100.7 81.1 121.7
192 18.6 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.085 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion: 75 Resp: 30748
Ion Ratio Lower Upper
75 100
110 9.0 16.9 50.7#
77 0.5 24.8 37.2#

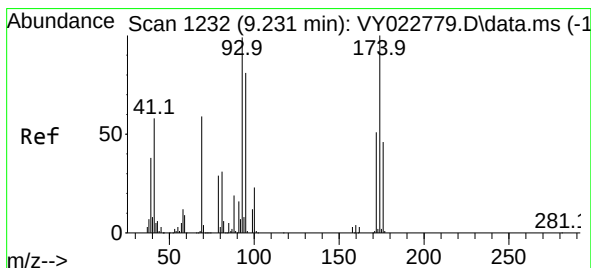
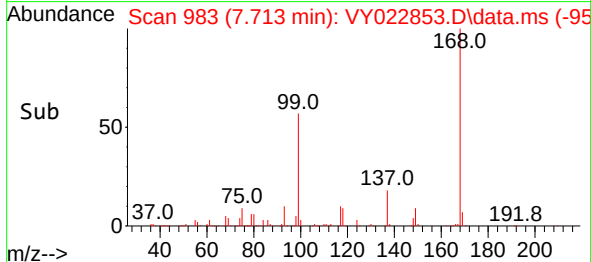
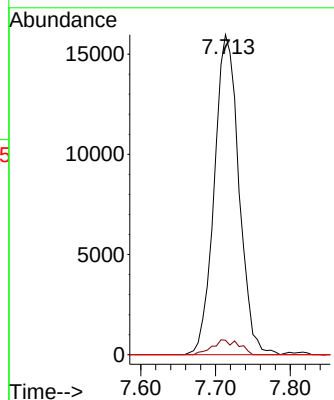
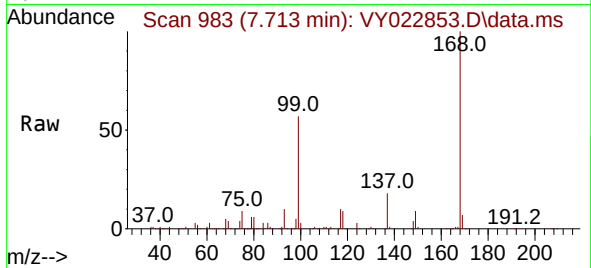




#38
Carbon Tetrachloride
Concen: 5.743 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

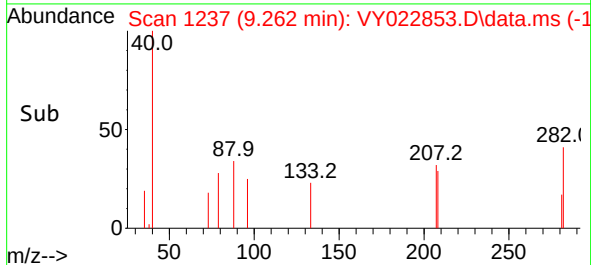
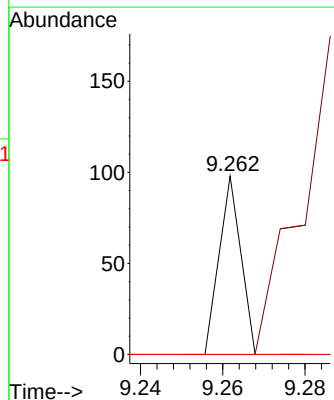
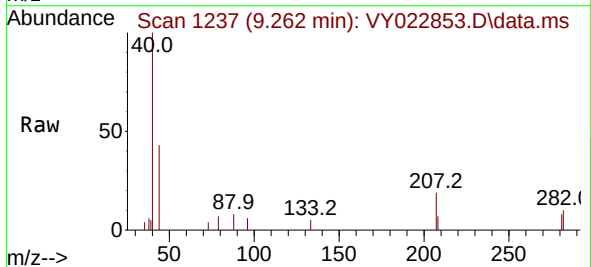
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

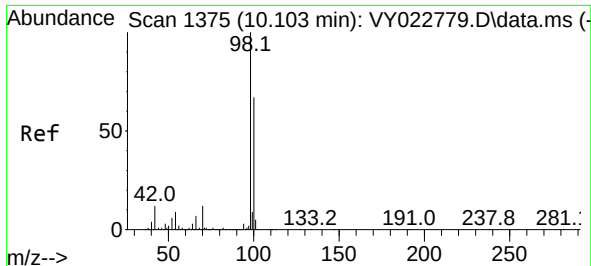
Tgt Ion:117 Resp: 36637
Ion Ratio Lower Upper
117 100
119 4.5 75.0 112.6#
121 0.0 25.0 37.4#



#49
1,4-Dioxane
Concen: 1.234 ug/l
RT: 9.262 min Scan# 1237
Delta R.T. 0.018 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
43 0.0 25.4 38.2#
58 0.0 54.9 82.3#

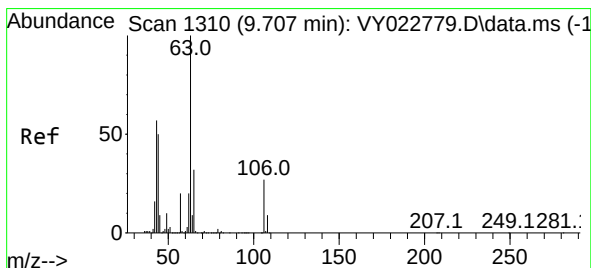
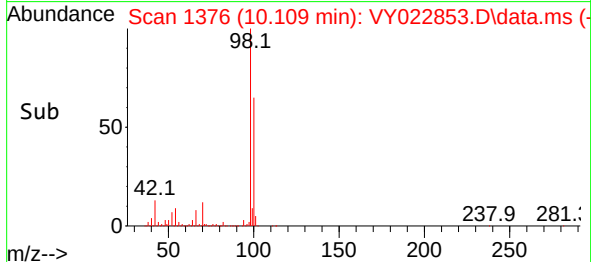
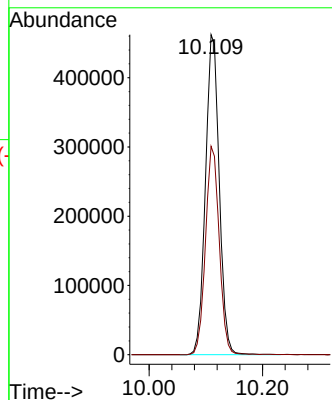
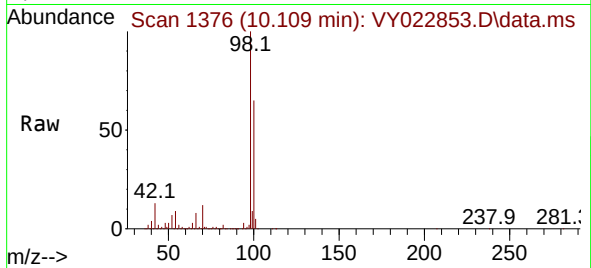




#50
Toluene-d8
Concen: 49.281 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

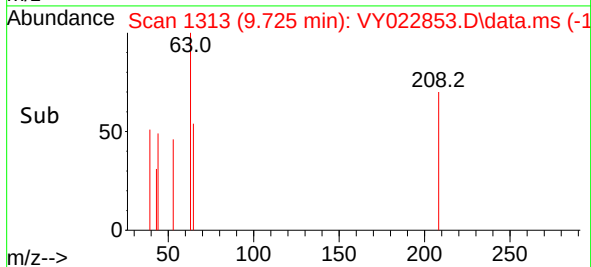
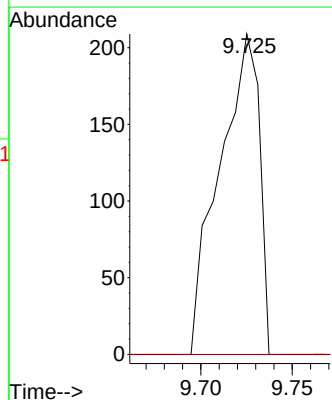
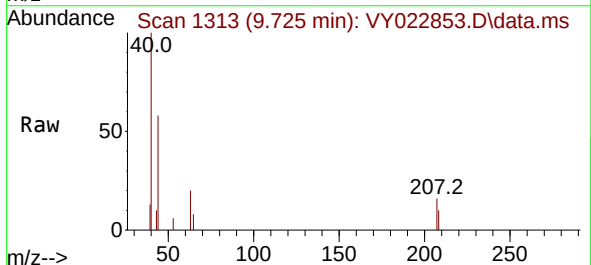
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

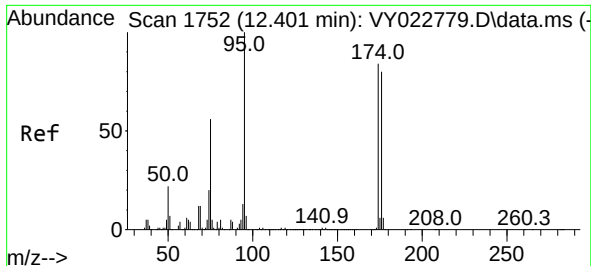
Tgt Ion: 98 Resp: 780045
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#58
2-Chloroethyl Vinyl ether
Concen: 15.787 ug/l
RT: 9.725 min Scan# 1313
Delta R.T. 0.012 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion: 63 Resp: 317
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#

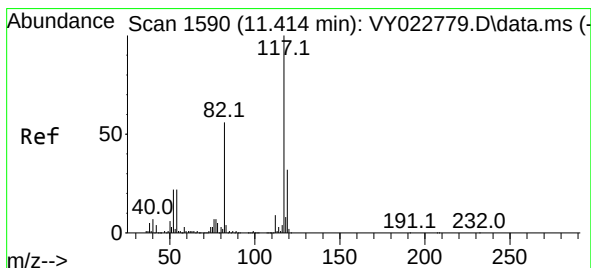
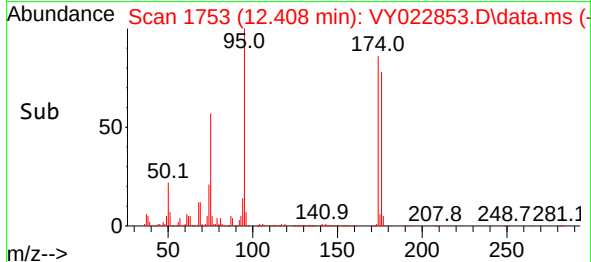
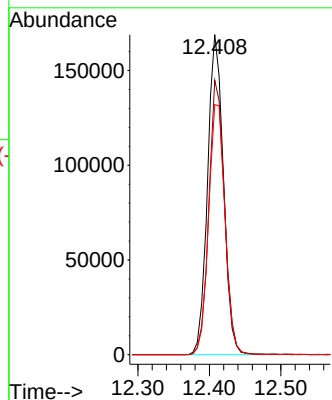
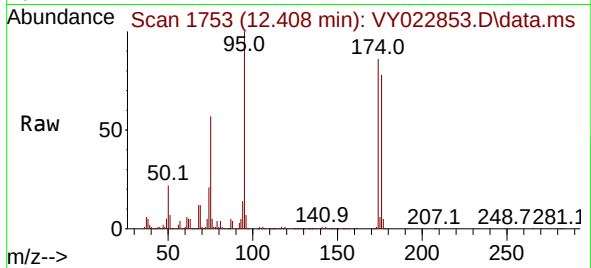




#62
4-Bromofluorobenzene
Concen: 51.223 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

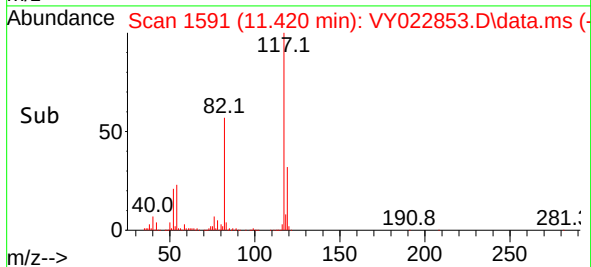
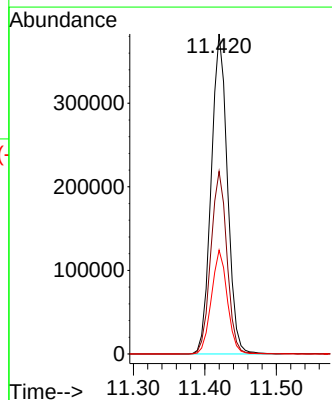
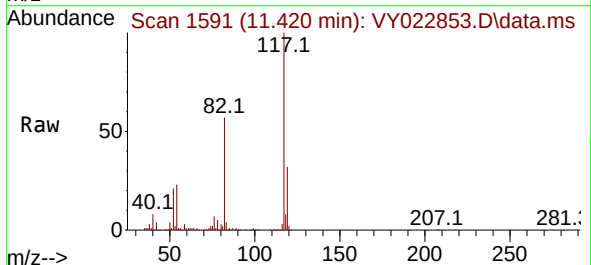
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

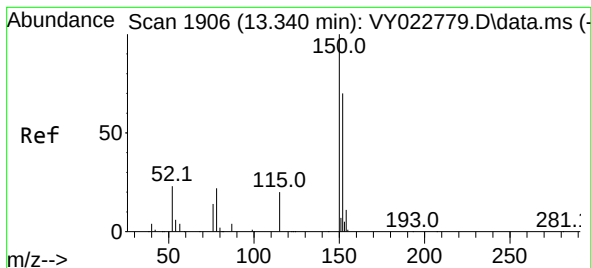
Tgt Ion: 95 Resp: 260646
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.0
176 81.0 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion: 117 Resp: 603519
Ion Ratio Lower Upper
117 100
82 57.1 44.6 66.8
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY022853.D

Acq: 27 Jun 2025 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBL01

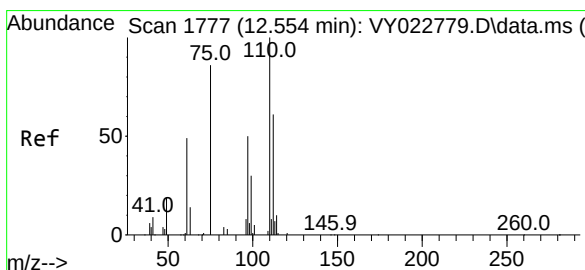
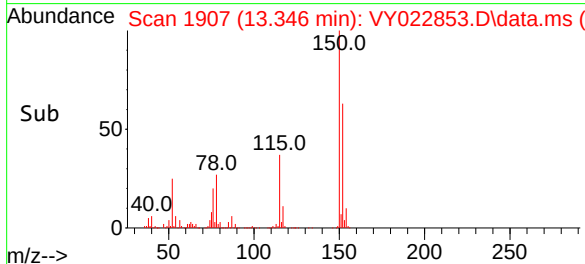
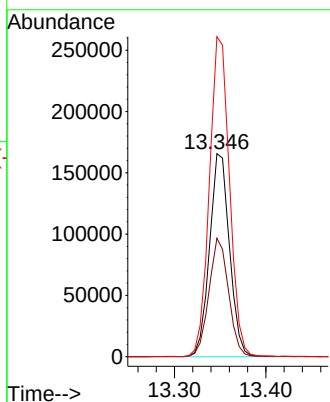
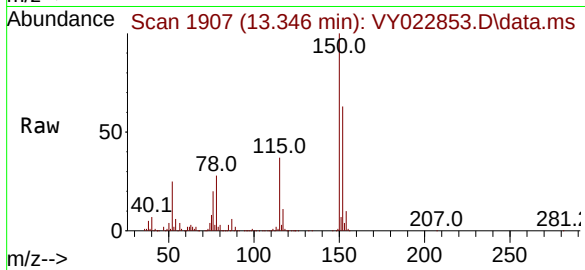
Tgt Ion:152 Resp: 250491

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.7

150 158.4 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 57.047 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022853.D

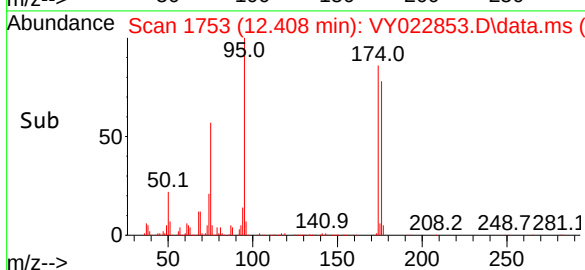
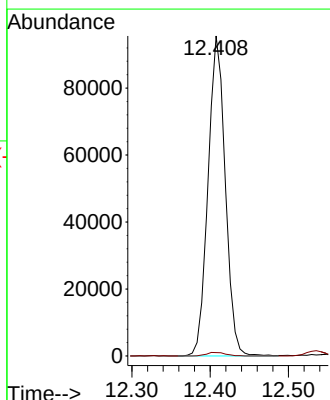
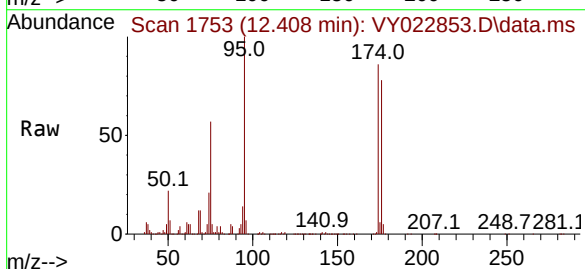
Acq: 27 Jun 2025 11:32

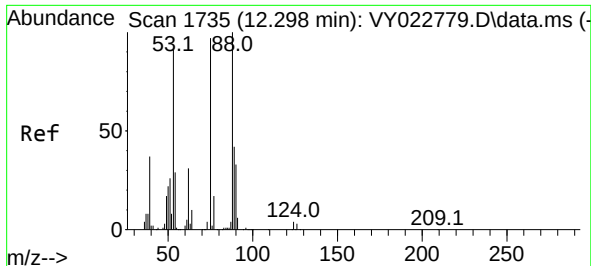
Tgt Ion: 75 Resp: 145887

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

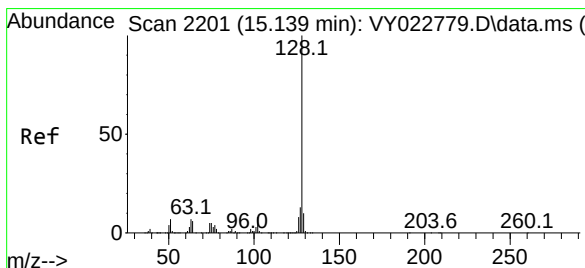
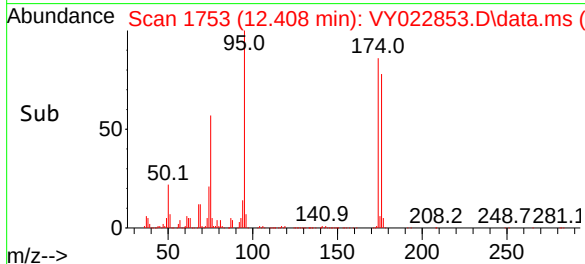
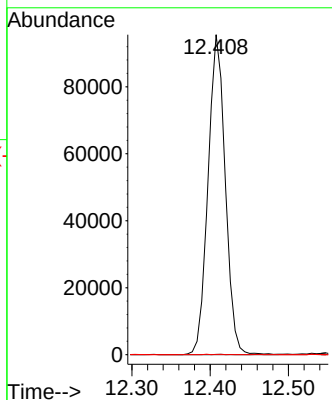
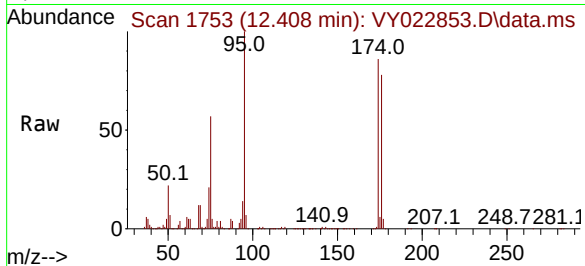




#81
trans-1,4-Dichloro-2-butene
Concen: 144.124 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

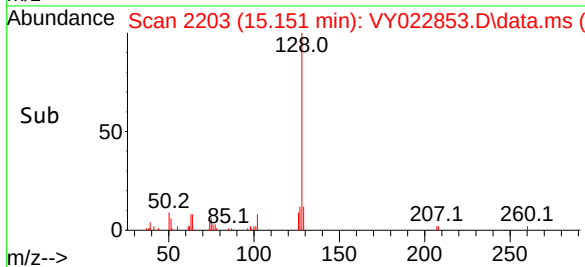
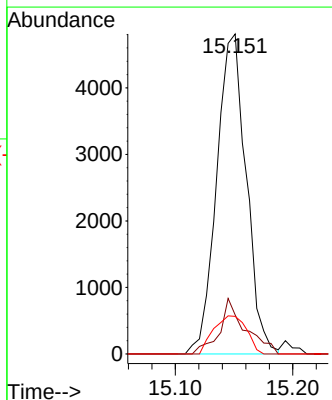
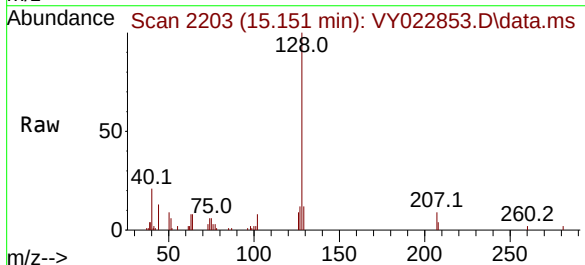
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

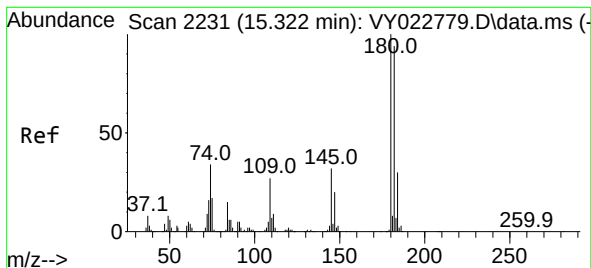
Tgt Ion: 75 Resp: 145887
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 1.109 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY022853.D
Acq: 27 Jun 2025 11:32

Tgt Ion: 128 Resp: 8417
Ion Ratio Lower Upper
128 100
127 15.2 10.4 15.6
129 13.2 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 1.084 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY022853.D
 Acq: 27 Jun 2025 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBL01

Tgt Ion:	180	Resp:	3932
Ion	Ratio	Lower	Upper
180	100		
182	100.1	47.1	141.3
145	33.8	15.2	45.6

