

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
 Data File : VY022839.D
 Acq On : 26 Jun 2025 10:39
 Operator : SY/MD
 Sample : VY0626SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0626SBL01

Quant Time: Jun 27 01:24:13 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	328943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	604959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	571725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	249132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	183306	49.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.860%
35) Dibromofluoromethane	7.640	113	184961	50.274	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.540%
50) Toluene-d8	10.109	98	727504	49.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.408	95	251824	53.658	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.320%

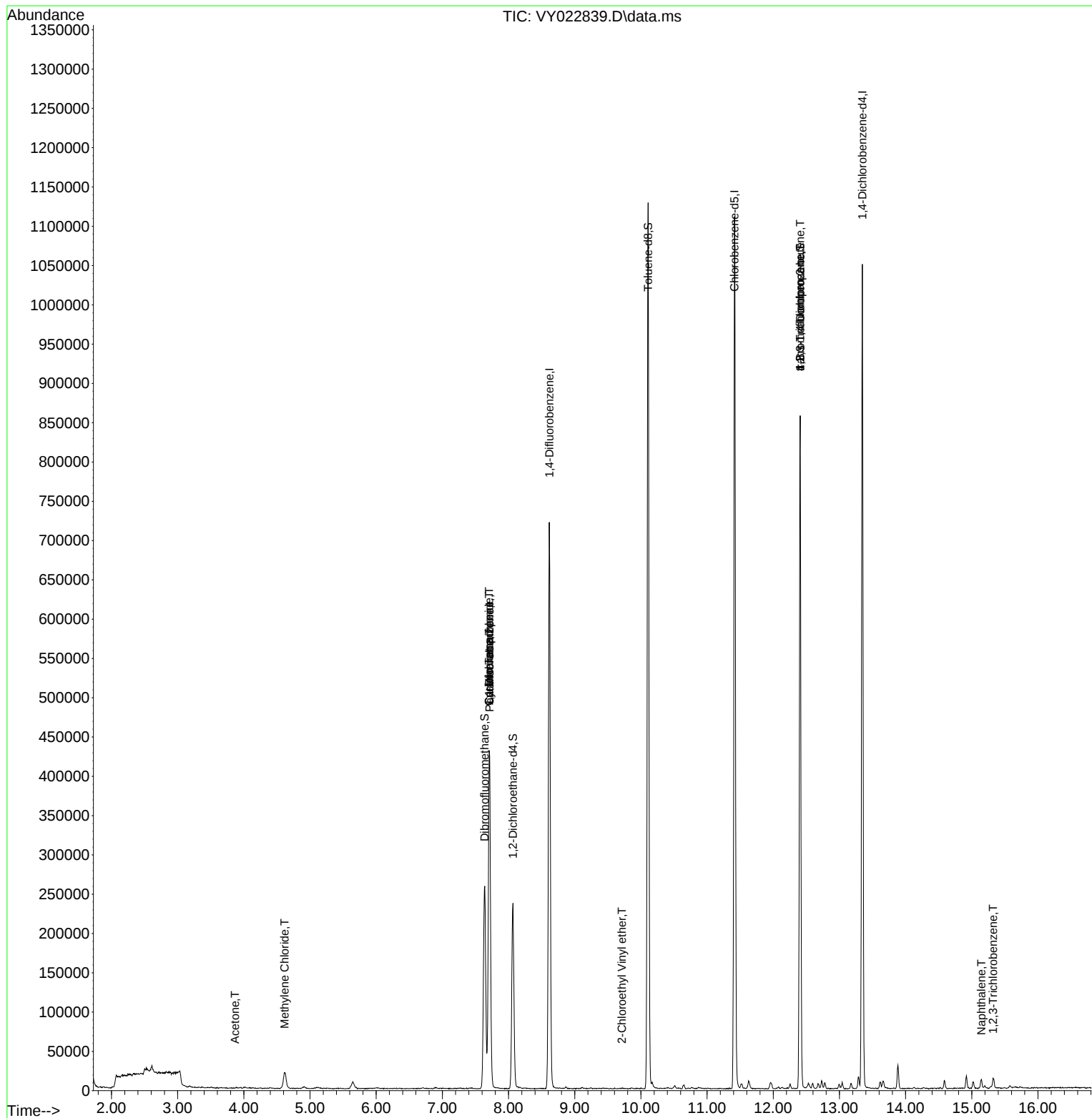
Target Compounds						Qvalue
16) Acetone	3.867	43	700	1.009	ug/l #	73
20) Methylene Chloride	4.616	84	14922	3.405	ug/l	95
31) Cyclohexane	7.707	56	8849	1.403	ug/l #	20
36) 1,1-Dichloropropene	7.707	75	27689	4.965	ug/l #	50
38) Carbon Tetrachloride	7.707	117	33378	5.673	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.713	63	269	15.776	ug/l #	48
76) 1,2,3-Trichloropropane	12.408	75	140961	55.422	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	140961	140.017	ug/l #	10
95) Naphthalene	15.145	128	9149	1.212	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	4160	1.154	ug/l	91

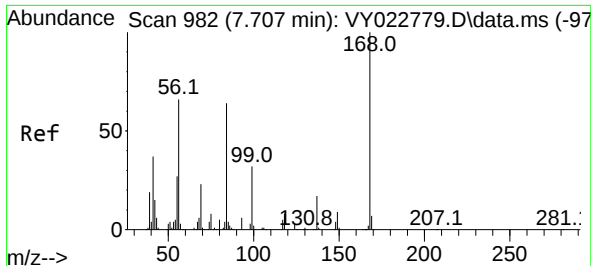
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022839.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

Quant Time: Jun 27 01:24:13 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

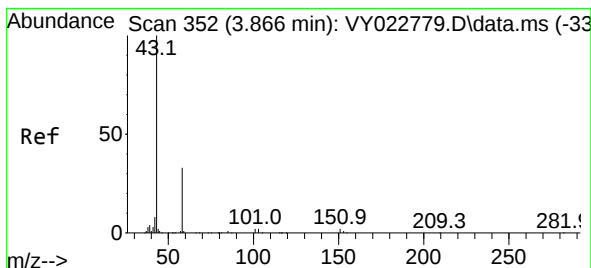
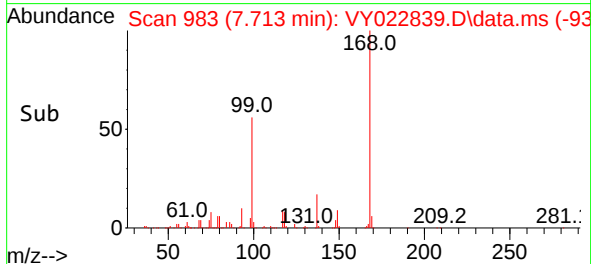
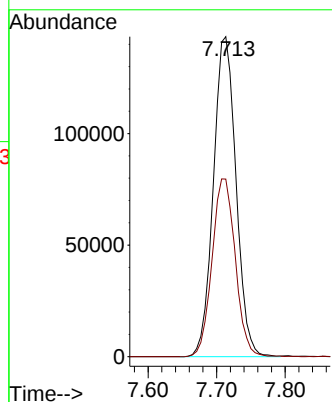
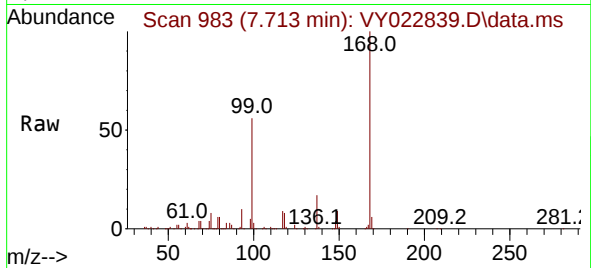




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

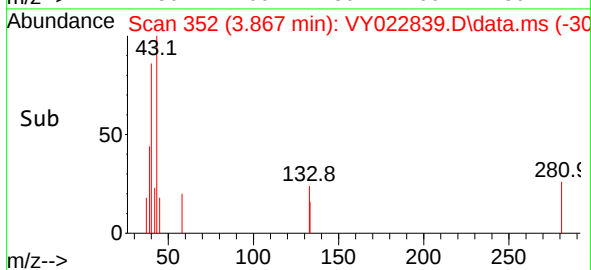
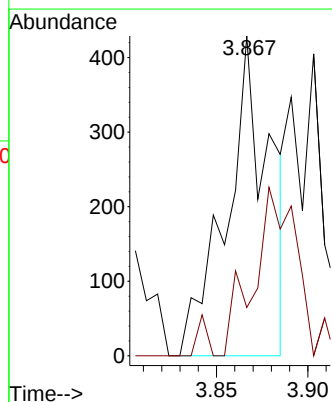
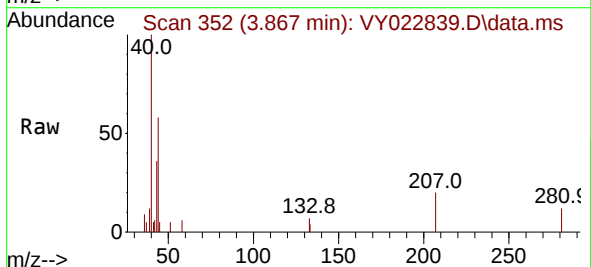
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

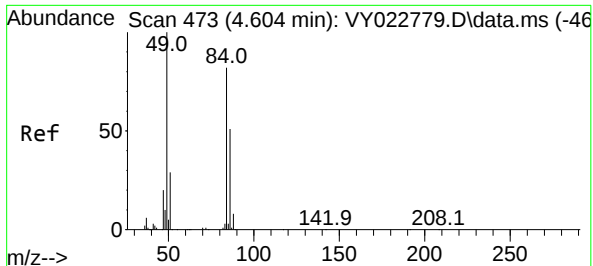
Tgt Ion:168 Resp: 328943
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5



#16
Acetone
Concen: 1.009 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
58 15.2 24.0 36.0#



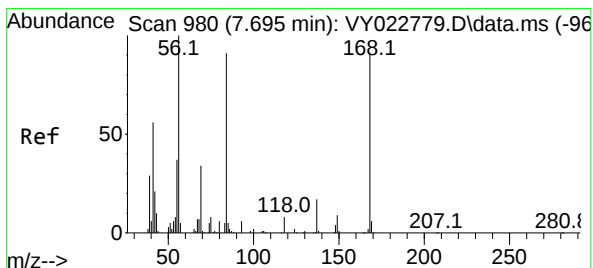
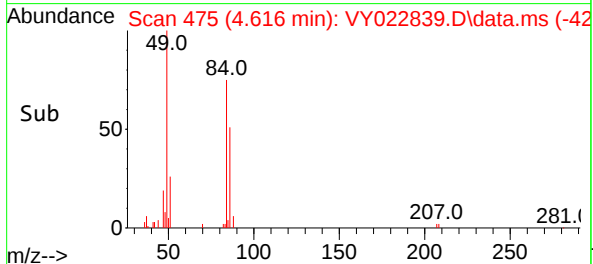
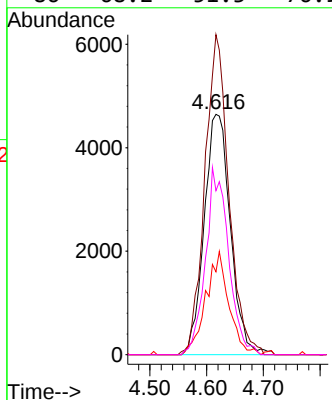
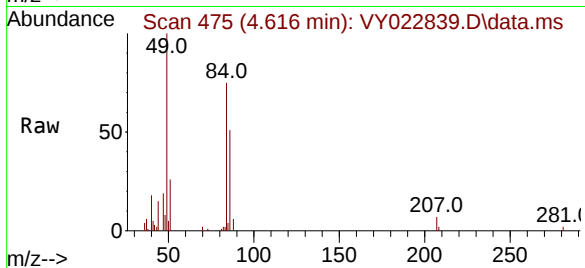


#20
Methylene Chloride
Concen: 3.405 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

Tgt Ion: 84 Resp: 14922

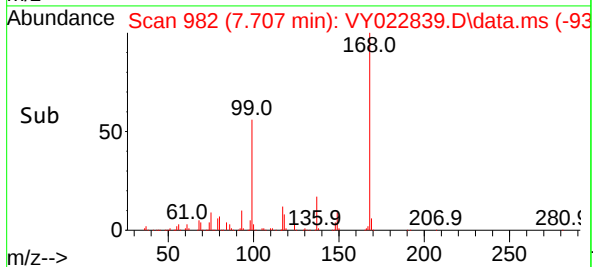
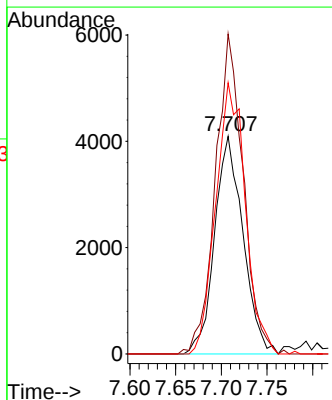
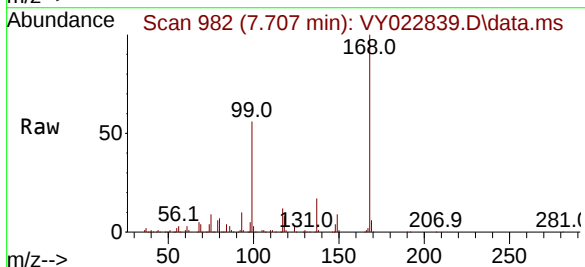
Ion	Ratio	Lower	Upper
84	100		
49	133.1	101.9	152.9
51	34.5	29.8	44.8
86	68.2	51.3	76.9

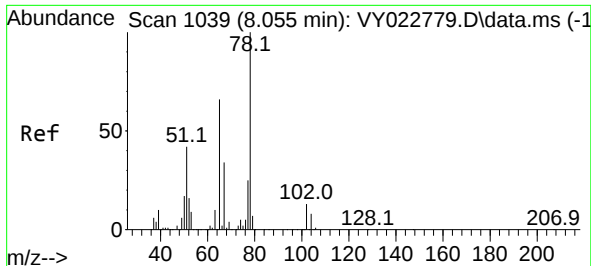


#31
Cyclohexane
Concen: 1.403 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

Tgt Ion: 56 Resp: 8849

Ion	Ratio	Lower	Upper
56	100		
69	147.0	27.0	40.6#
84	124.6	72.6	109.0#





#33

1,2-Dichloroethane-d4

Concen: 49.929 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY022839.D

Acq: 26 Jun 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

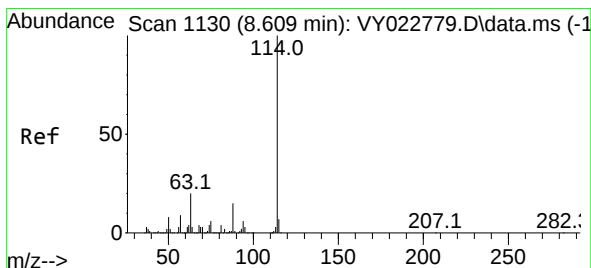
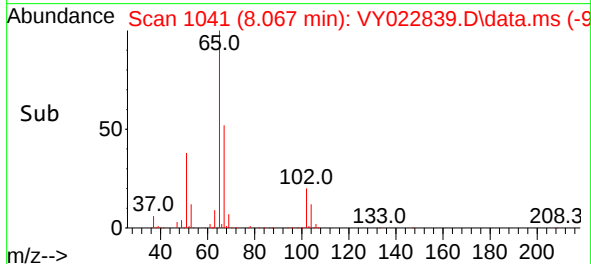
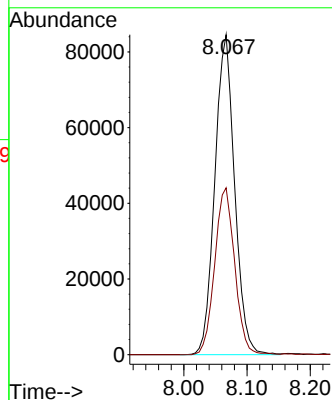
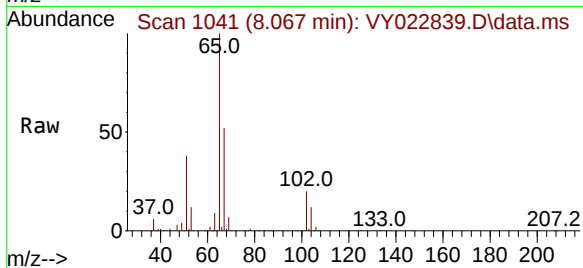
VY0626SBL01

Tgt Ion: 65 Resp: 183306

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022839.D

Acq: 26 Jun 2025 10:39

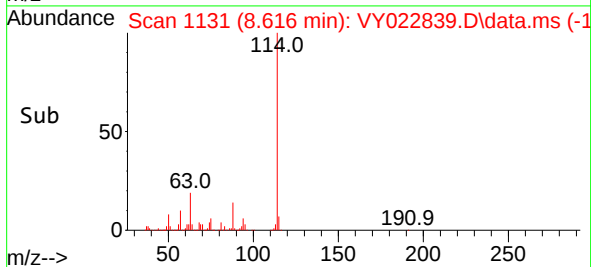
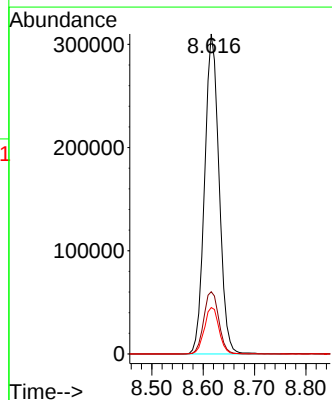
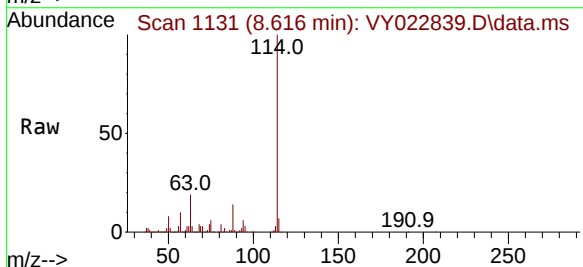
Tgt Ion:114 Resp: 604959

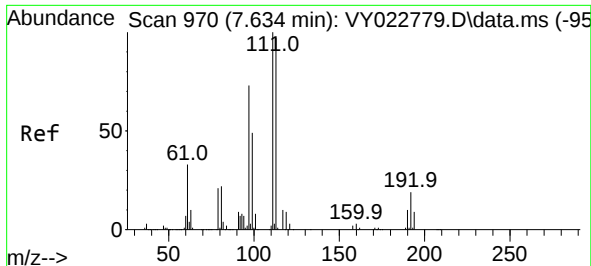
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 14.5 0.0 27.8

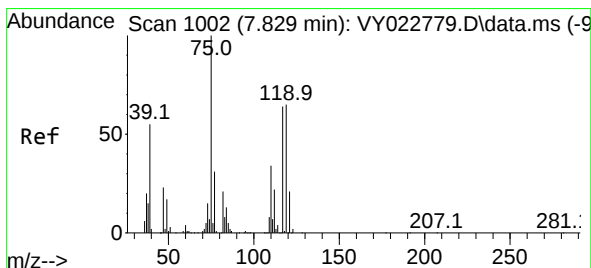
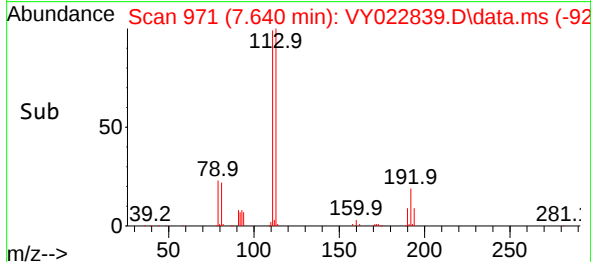
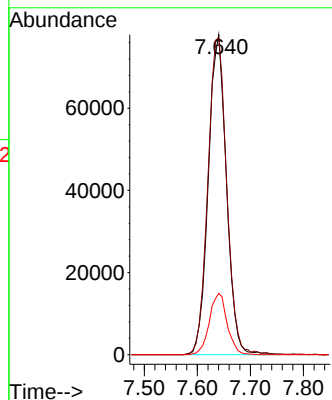
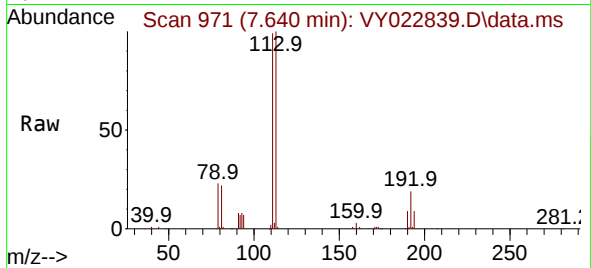




#35
Dibromofluoromethane
Concen: 50.274 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

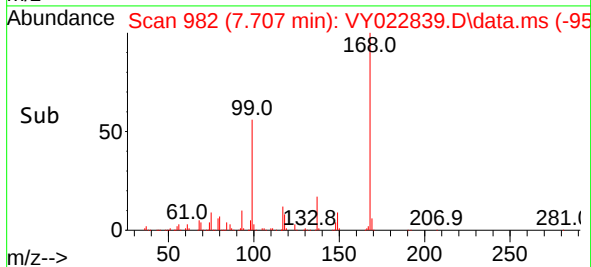
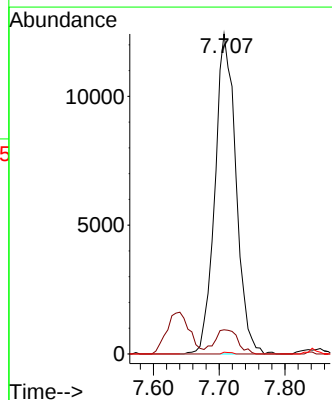
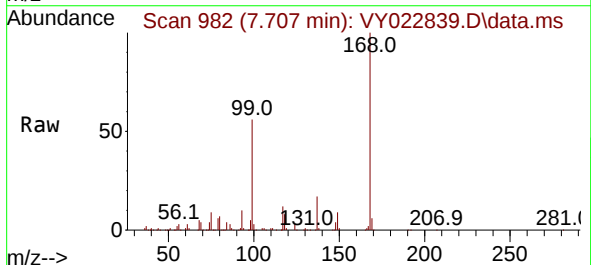
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

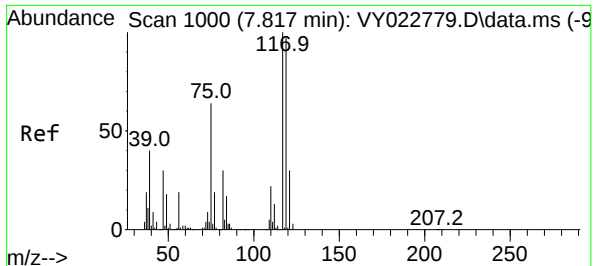
Tgt Ion:113 Resp: 184961
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 18.8 14.2 21.2



#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

Tgt Ion: 75 Resp: 27689
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.7#
77 0.2 24.8 37.2#

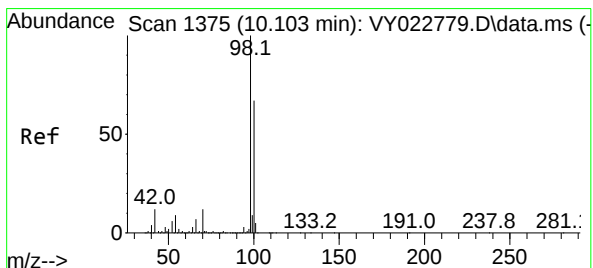
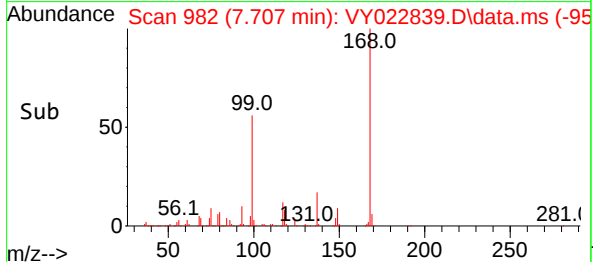
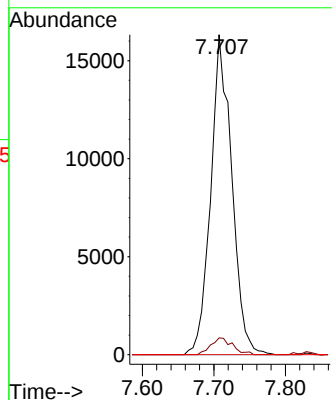
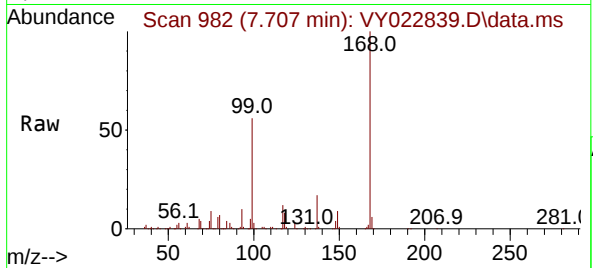




#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

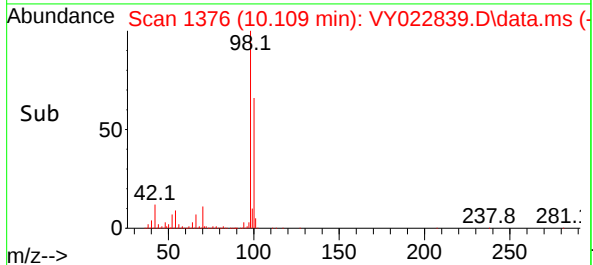
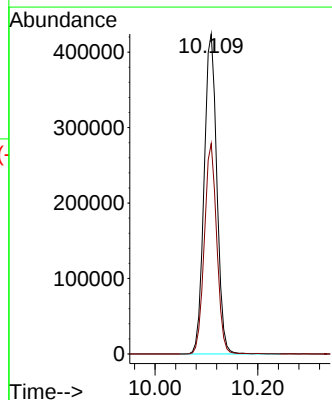
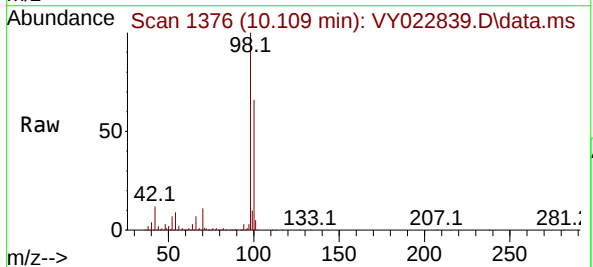
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

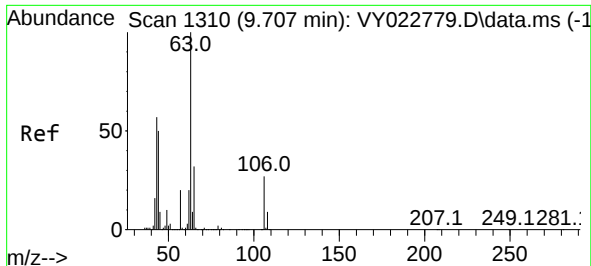
Tgt Ion:117 Resp: 33378
Ion Ratio Lower Upper
117 100
119 5.3 75.0 112.6#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.832 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

Tgt Ion: 98 Resp: 727504
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

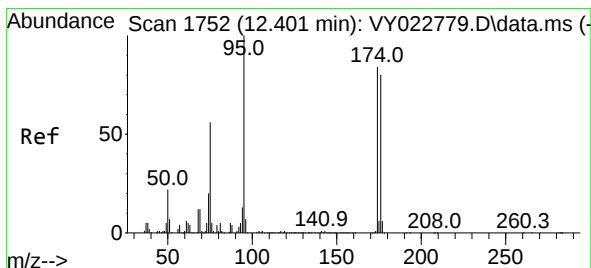
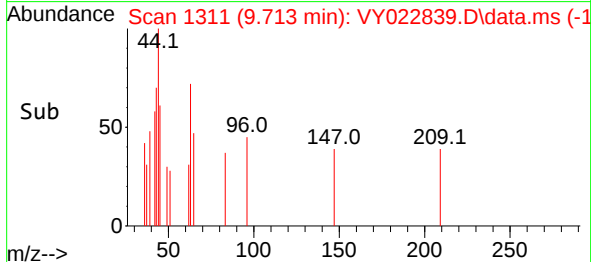
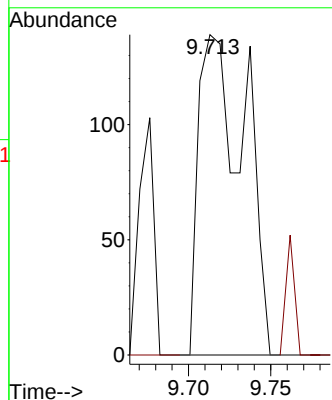
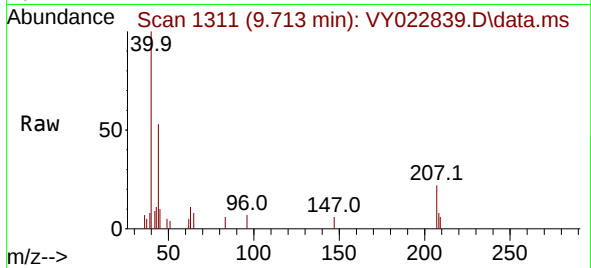




#58
2-Chloroethyl Vinyl ether
Concen: 15.776 ug/l
RT: 9.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

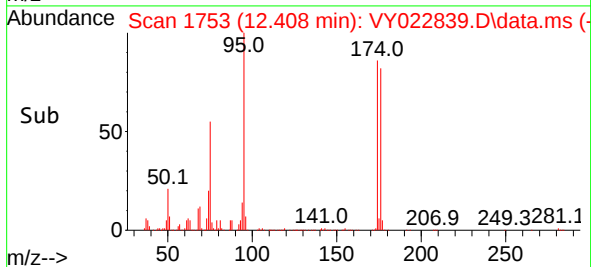
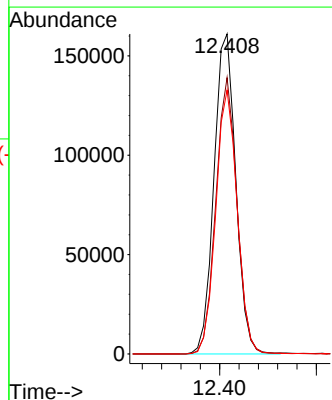
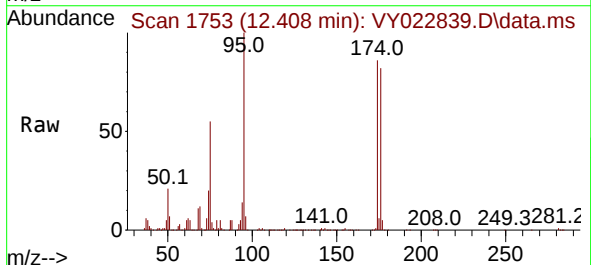
Instrument :
MSVOA_Y
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VY0626SBL01

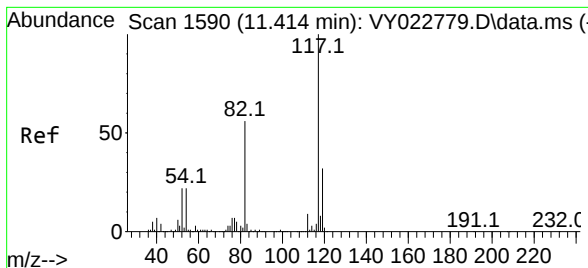
Tgt Ion: 63 Resp: 269
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#62
4-Bromofluorobenzene
Concen: 53.658 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

Tgt Ion: 95 Resp: 251824
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.0
176 81.2 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: VY022839.D

Acq: 26 Jun 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBL01

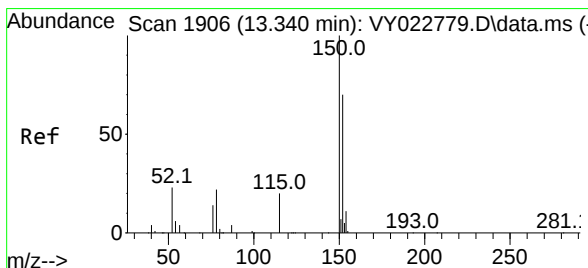
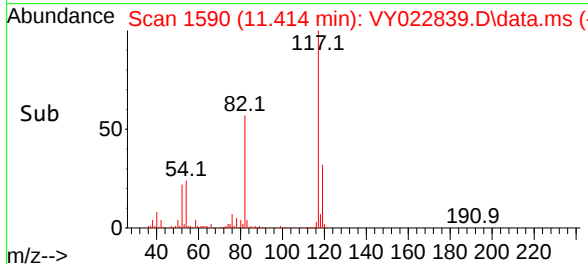
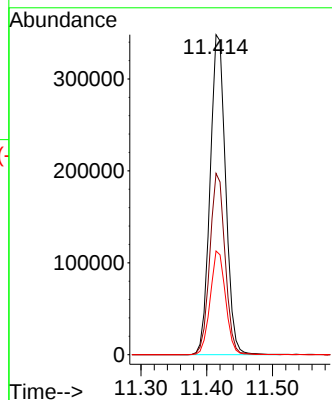
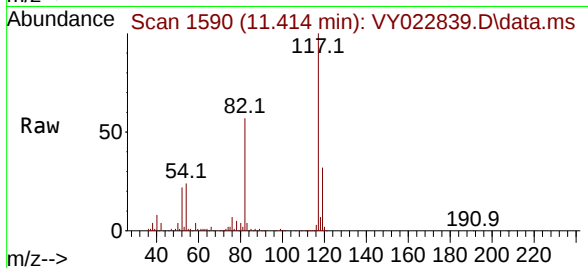
Tgt Ion:117 Resp: 571725

Ion Ratio Lower Upper

117 100

82 56.6 44.6 66.8

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022839.D

Acq: 26 Jun 2025 10:39

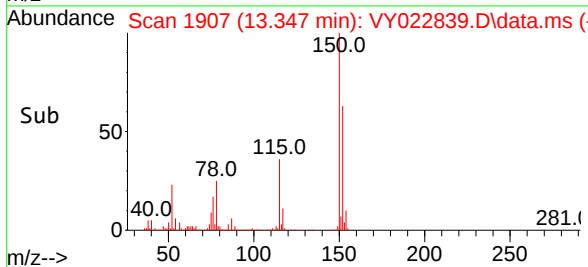
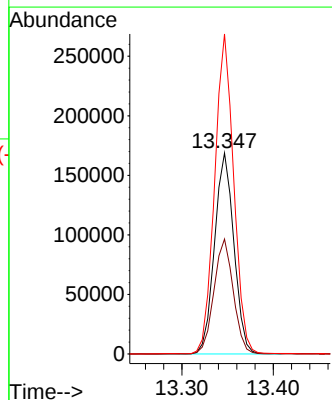
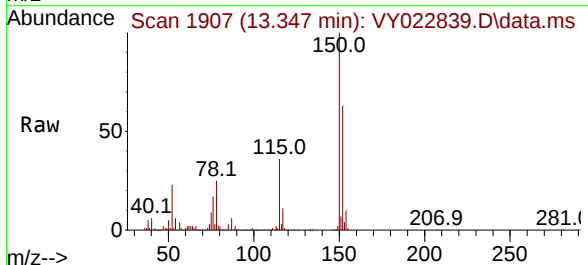
Tgt Ion:152 Resp: 249132

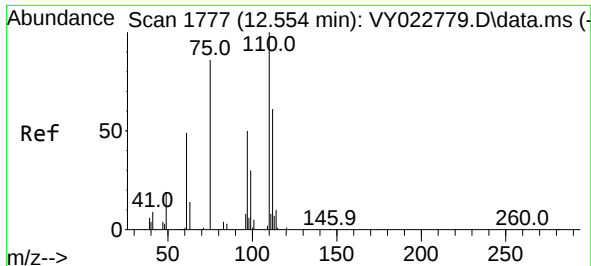
Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

150 156.6 0.0 349.6

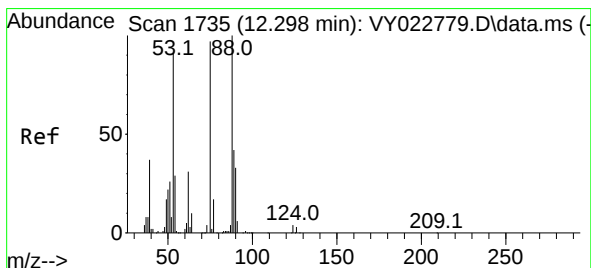
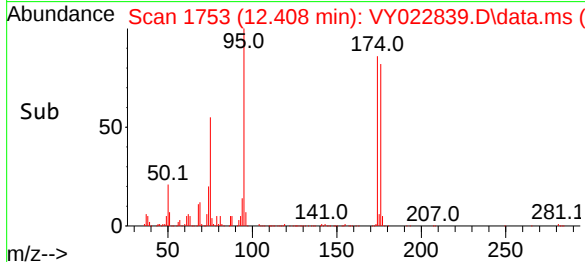
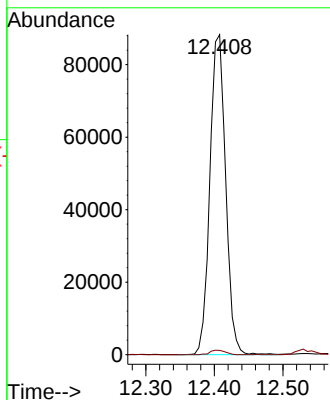
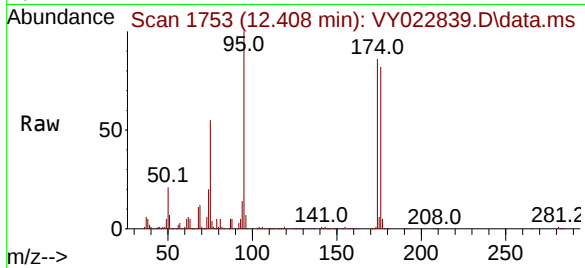




#76
1,2,3-Trichloropropane
Concen: 55.422 ug/l
RT: 12.408 min Scan# 1777
Delta R.T. -0.146 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

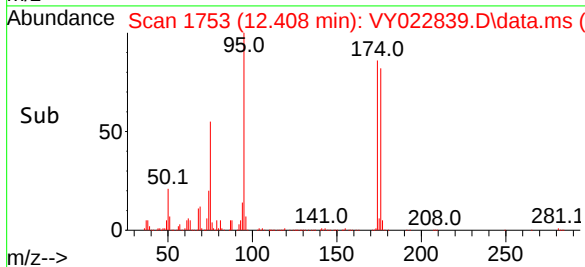
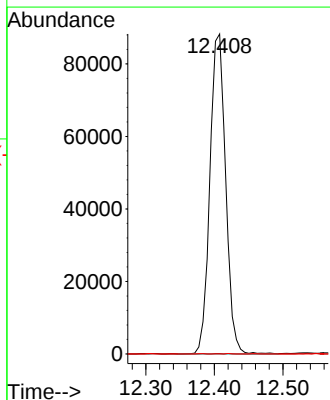
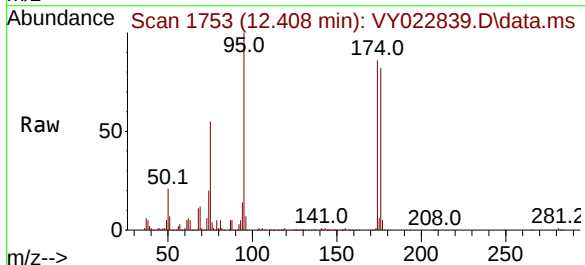
Instrument :
MSVOA_Y
ClientSampleId :
VY0626SBL01

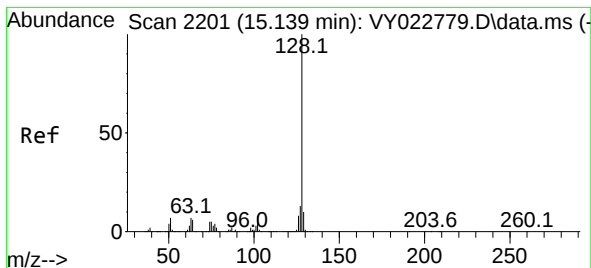
Tgt Ion: 75 Resp: 140961
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.017 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY022839.D
Acq: 26 Jun 2025 10:39

Tgt Ion: 75 Resp: 140961
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 35.7 53.5#





#95

Naphthalene

Concen: 1.212 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY022839.D

Acq: 26 Jun 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0626SBL01

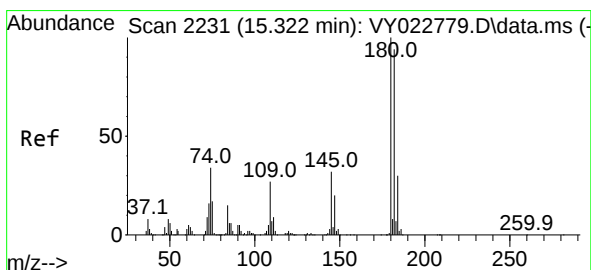
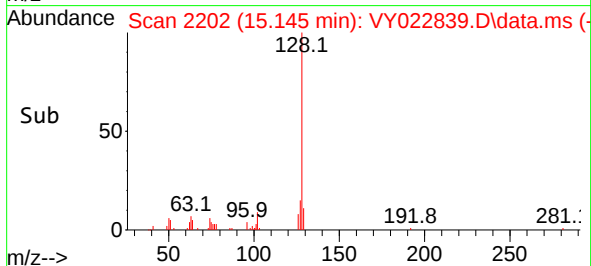
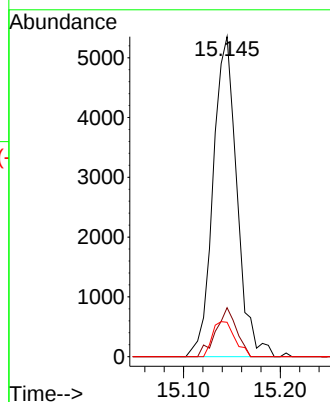
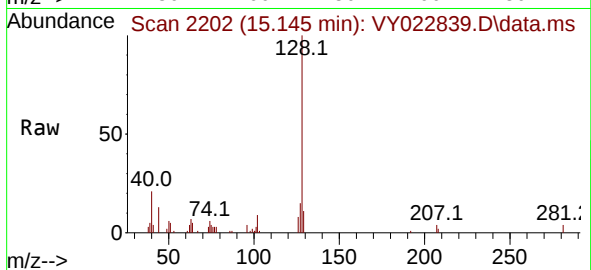
Tgt Ion:128 Resp: 9149

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 1.154 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022839.D

Acq: 26 Jun 2025 10:39

Tgt Ion:180 Resp: 4160

Ion Ratio Lower Upper

180 100

182 84.7 47.1 141.3

145 33.9 15.2 45.6

