

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021460.D
 Acq On : 07 Mar 2025 14:52
 Operator : SY/MD
 Sample : Q1488-09
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-104-SB01

Quant Time: Mar 07 22:01:44 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)

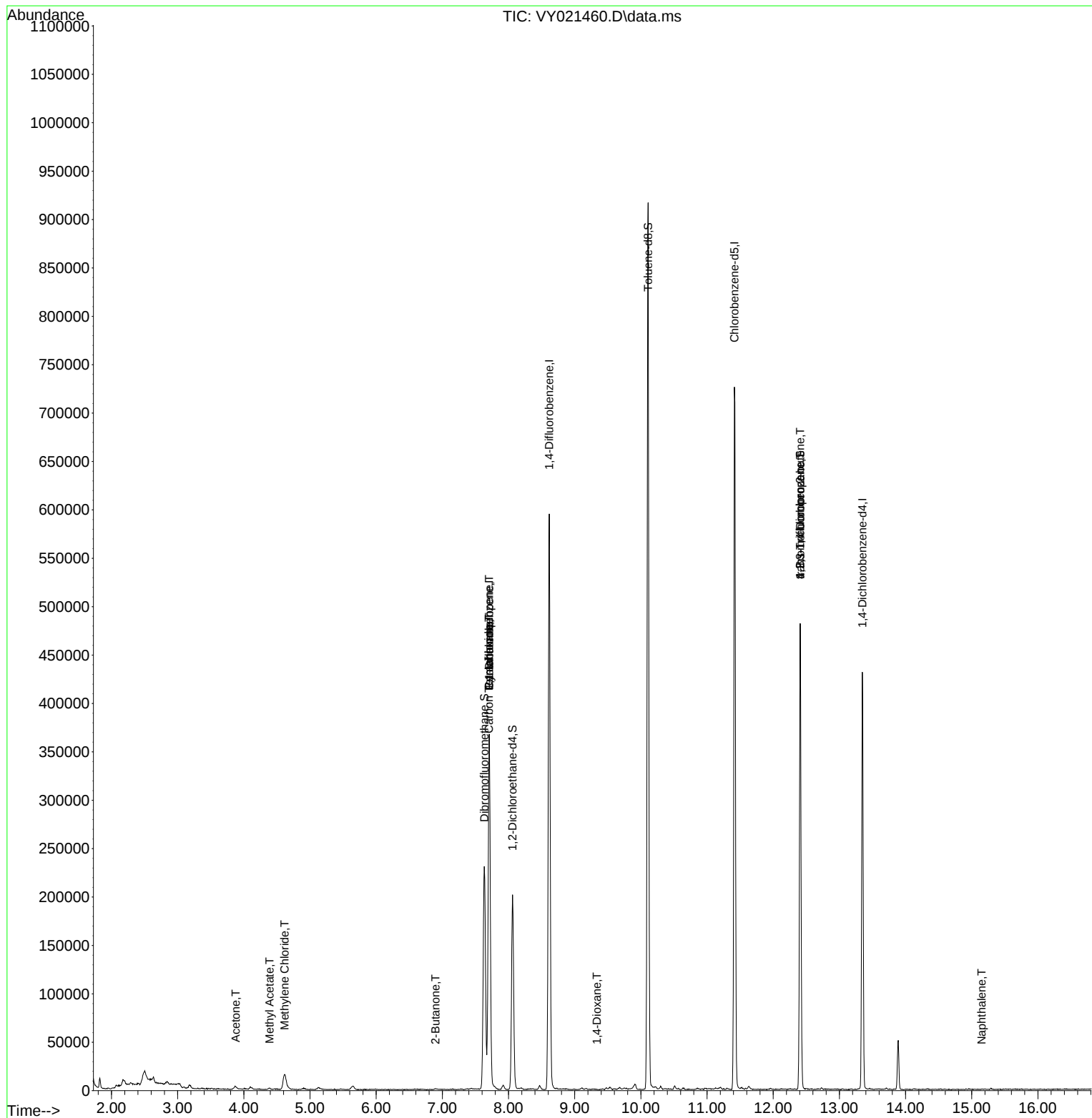
Internal Standards						
1) Pentafluorobenzene	7.707	168	272187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	479219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	375437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160785	55.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.634	113	164592	52.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.500%
50) Toluene-d8	10.109	98	579055	48.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.408	95	133721	32.960	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	78	Below Cal	#	72
16) Acetone	3.879	43	5515	8.789	ug/l	93
18) Methyl Acetate	4.391	43	2463	1.769	ug/l #	84
20) Methylene Chloride	4.616	84	10939	3.321	ug/l	94
25) 2-Butanone	6.896	43	885	1.020	ug/l #	71
31) Cyclohexane	7.707	56	7077	1.313	ug/l #	34
36) 1,1-Dichloropropene	7.707	75	22291	4.521	ug/l #	50
38) Carbon Tetrachloride	7.701	117	28488	5.024	ug/l #	17
49) 1,4-Dioxane	9.335	88	19	1.006	ug/l #	56
76) 1,2,3-Trichloropropane	12.408	75	72420	67.698	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	72420	153.899	ug/l #	9
95) Naphthalene	15.151	128	184	1.513	ug/l #	69

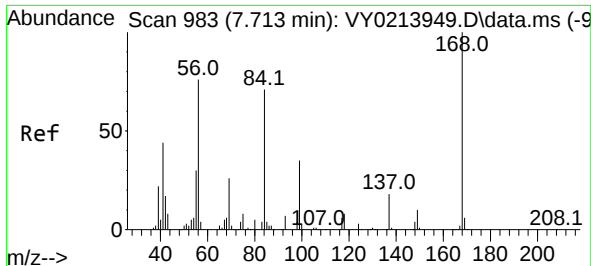
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021460.D
Acq On : 07 Mar 2025 14:52
Operator : SY/MD
Sample : Q1488-09
Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

Quant Time: Mar 07 22:01:44 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

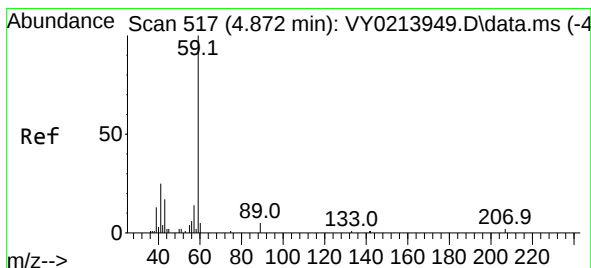
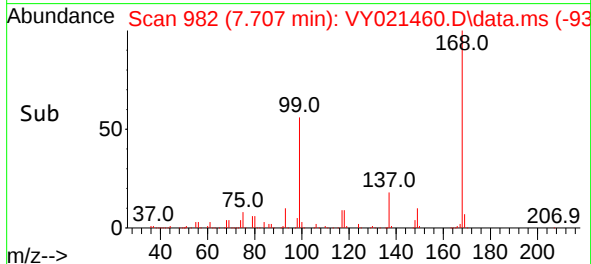
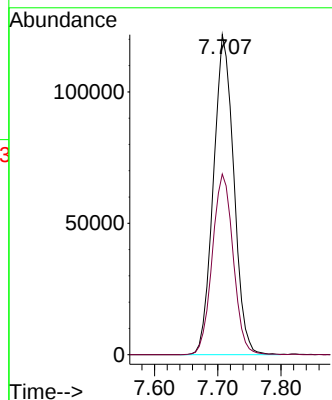
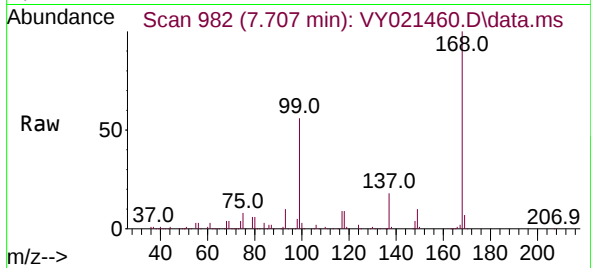




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

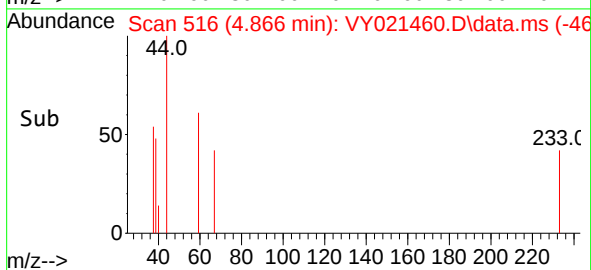
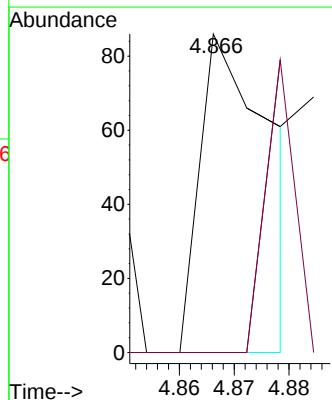
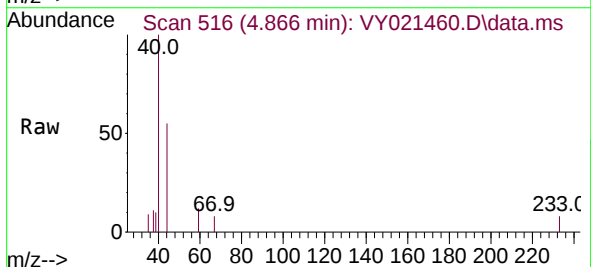
Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

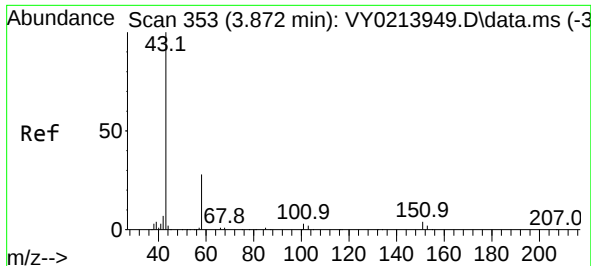
Tgt Ion:168 Resp: 272187
Ion Ratio Lower Upper
168 100
99 56.5 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Tgt Ion: 59 Resp: 78
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

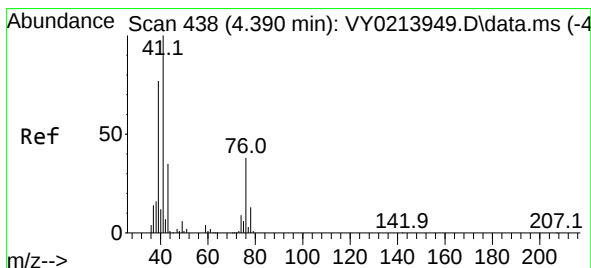
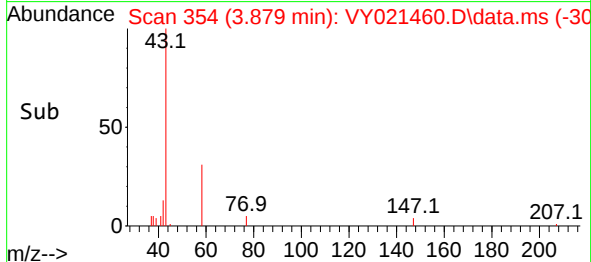
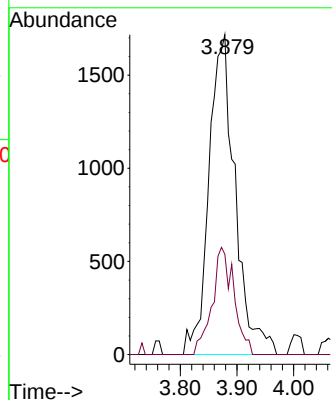
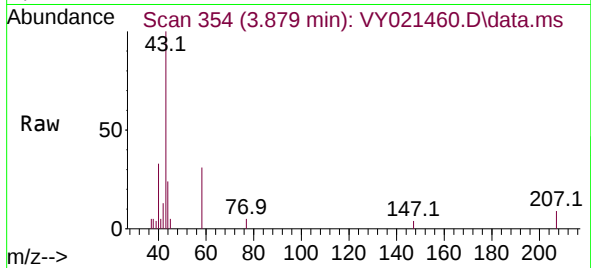




#16
Acetone
Concen: 8.789 ug/l
RT: 3.879 min Scan# 353
Delta R.T. 0.007 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

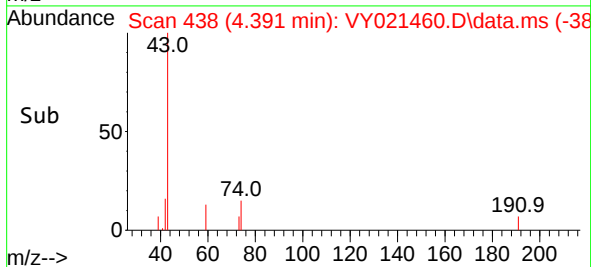
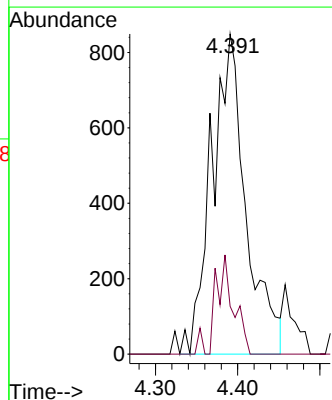
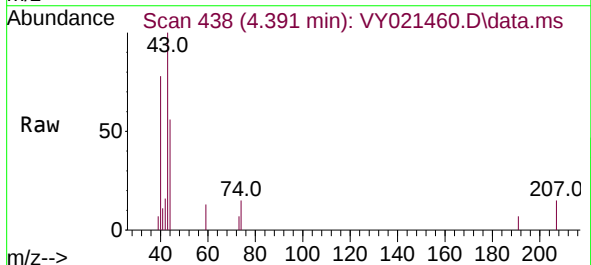
Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

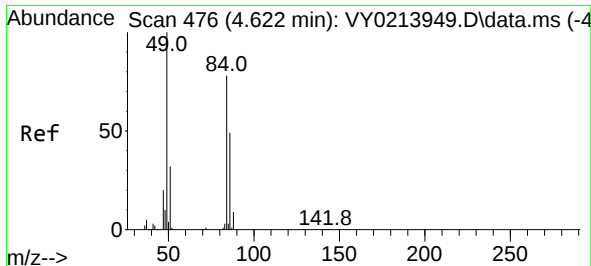
Tgt Ion: 43 Resp: 5515
Ion Ratio Lower Upper
43 100
58 31.4 22.1 33.1



#18
Methyl Acetate
Concen: 1.769 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Tgt Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
74 16.3 19.4 29.0#

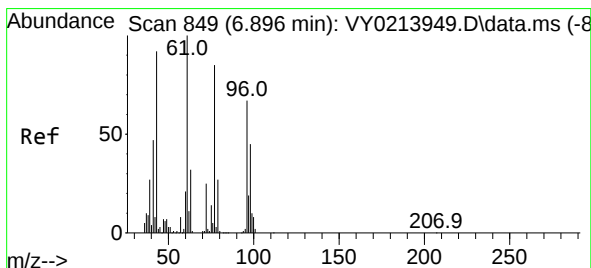
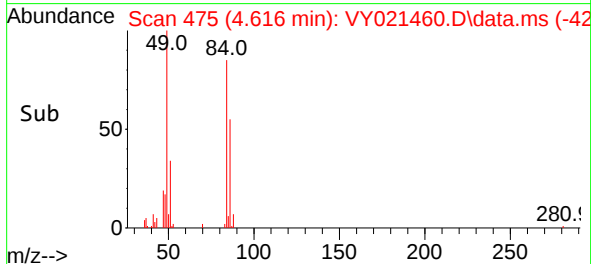
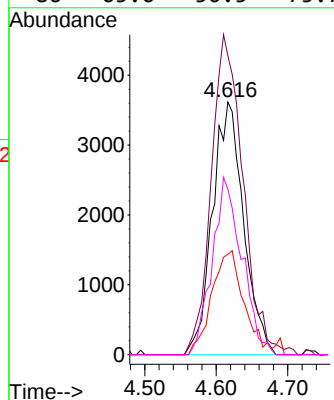
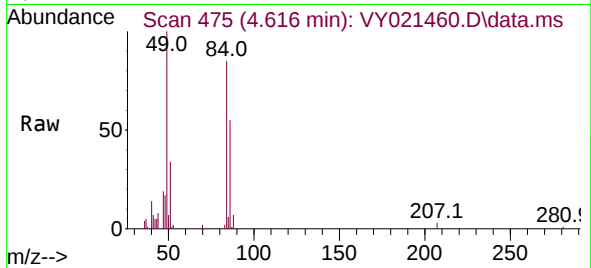




#20
Methylene Chloride
Concen: 3.321 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

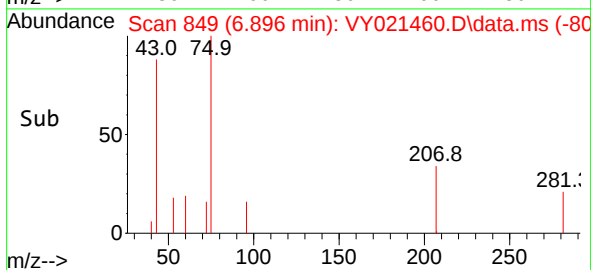
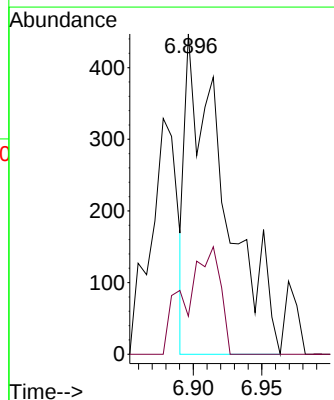
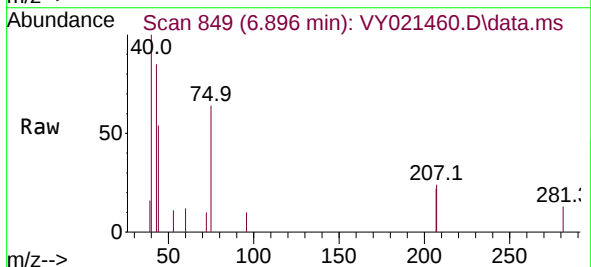
Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

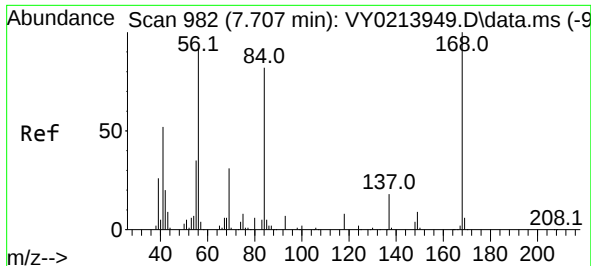
Tgt Ion: 84 Resp: 10939
Ion Ratio Lower Upper
84 100
49 118.3 102.0 153.0
51 39.7 33.0 49.6
86 65.6 50.5 75.7



#25
2-Butanone
Concen: 1.020 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
72 11.9 21.4 32.0#

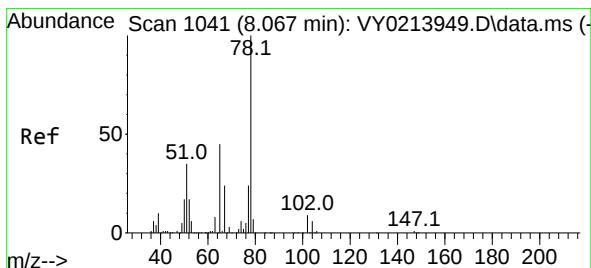
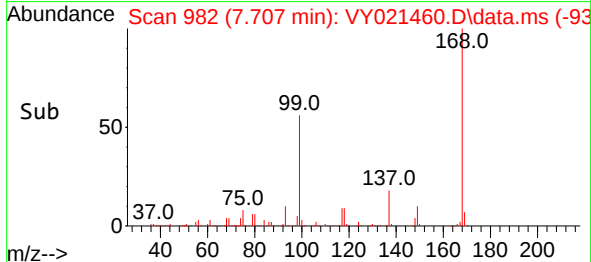
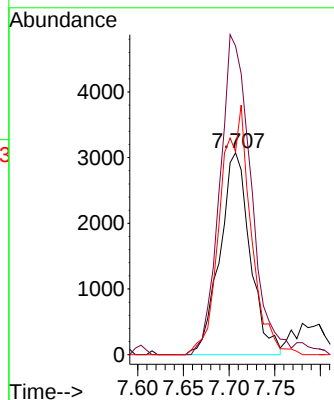
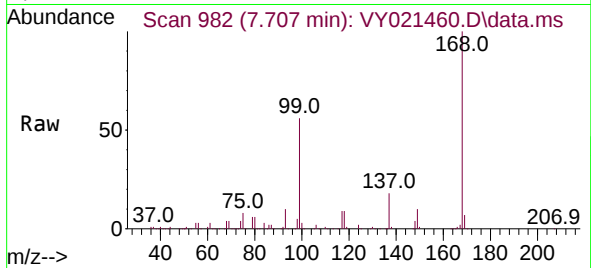




#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

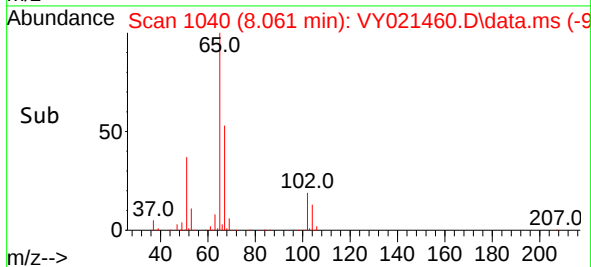
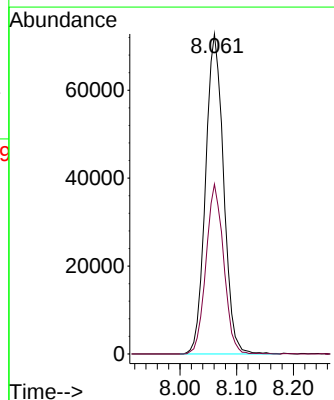
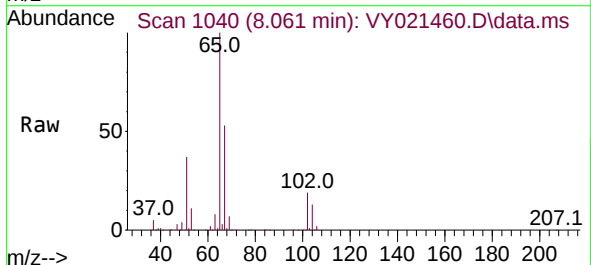
Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

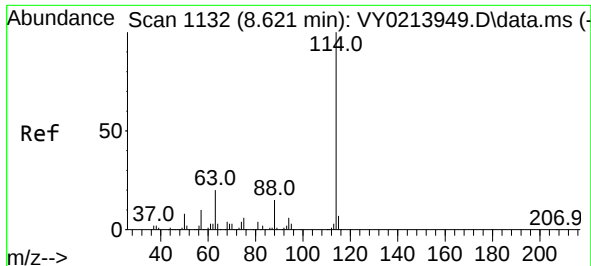
Tgt Ion: 56 Resp: 7077
Ion Ratio Lower Upper
56 100
69 152.8 27.0 40.4#
84 100.5 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 55.889 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Tgt Ion: 65 Resp: 160785
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8

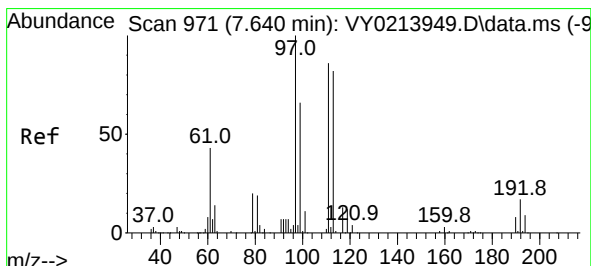
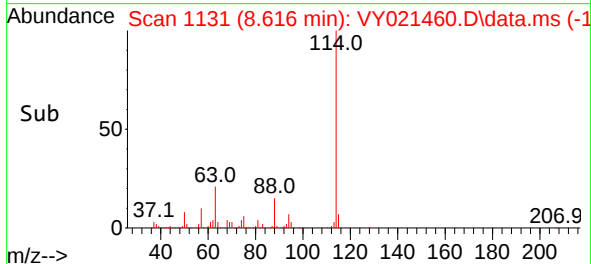
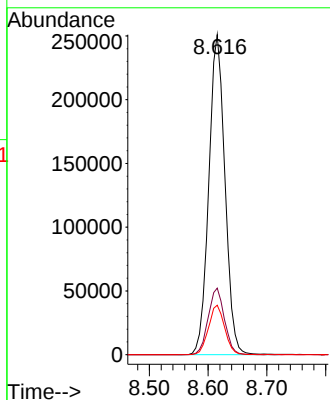
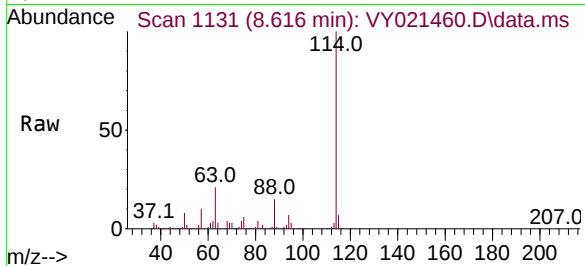




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

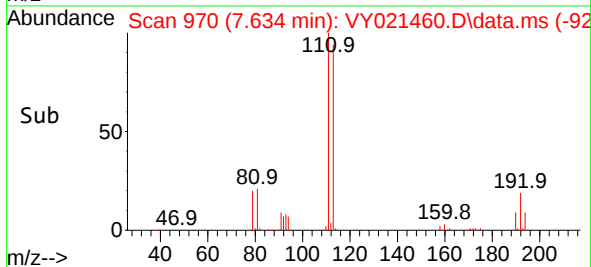
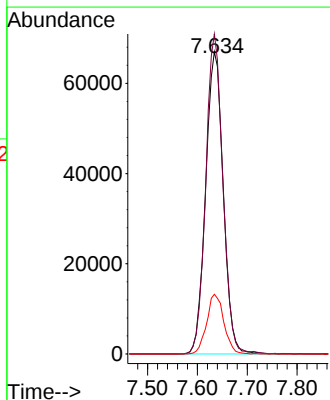
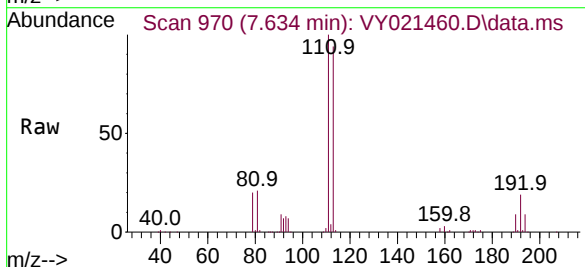
Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

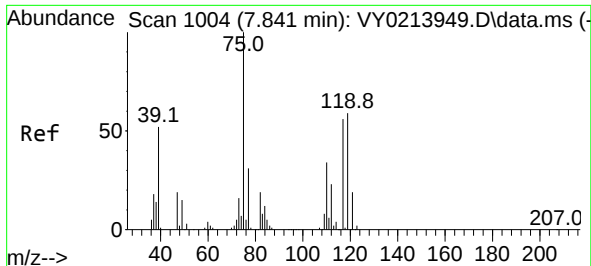
Tgt Ion:114 Resp: 479219
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.252 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Tgt Ion:113 Resp: 164592
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 19.3 15.9 23.9

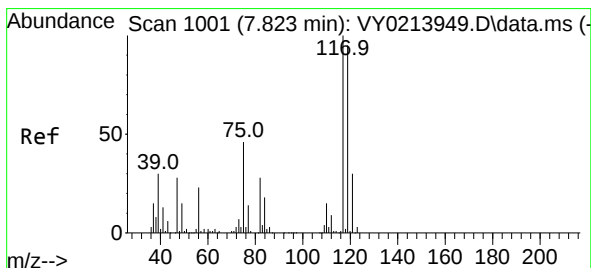
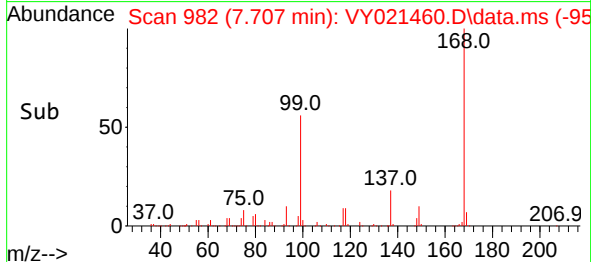
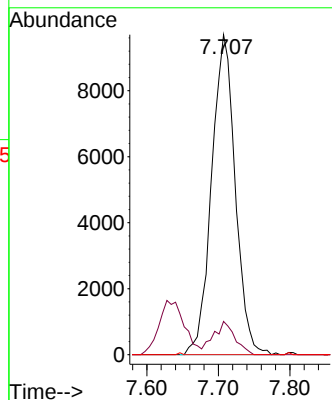
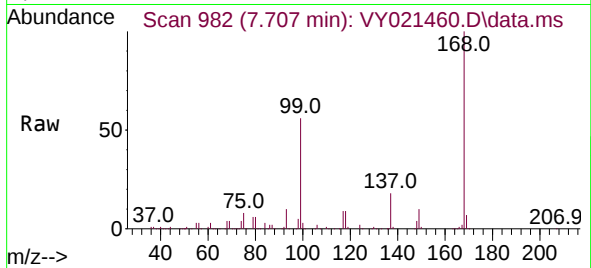




#36
1,1-Dichloropropene
Concen: 4.521 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

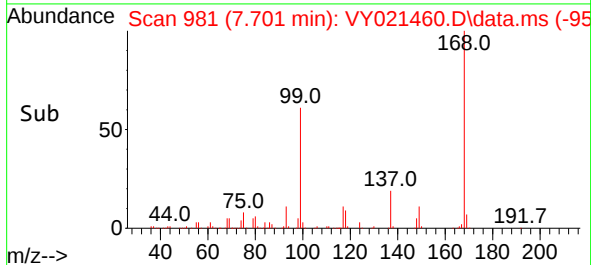
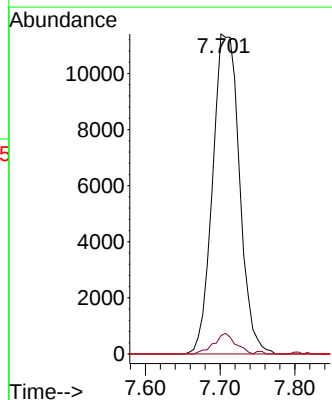
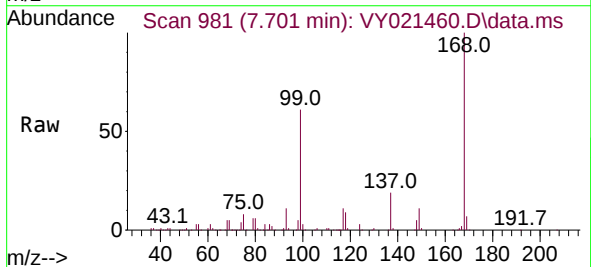
Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

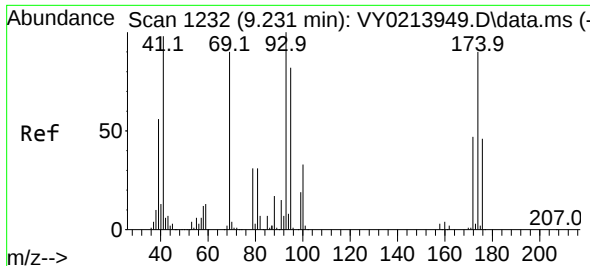
Tgt Ion: 75 Resp: 22291
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.7#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.024 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

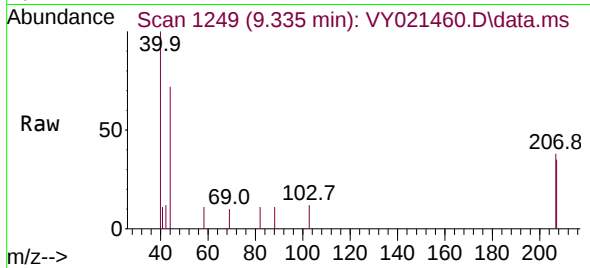
Tgt Ion: 117 Resp: 28488
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 23.9 35.9#



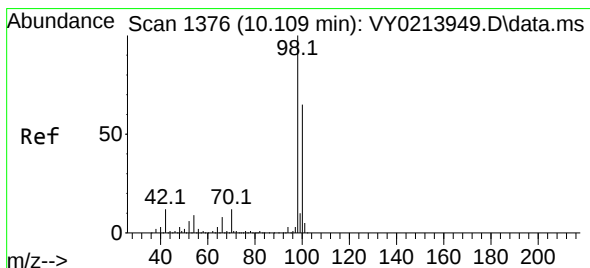
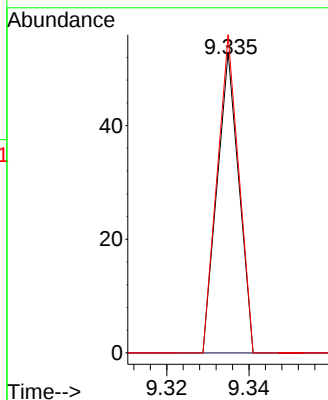
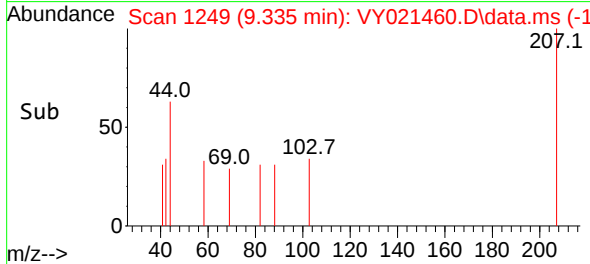


#49
1,4-Dioxane
Concen: 1.006 ug/l
RT: 9.335 min Scan# 1249
Delta R.T. 0.104 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

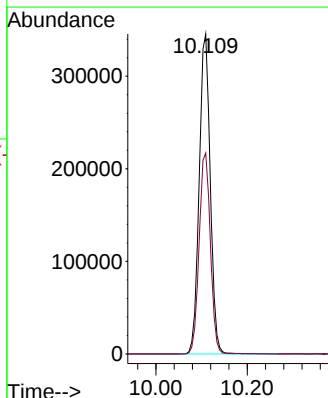
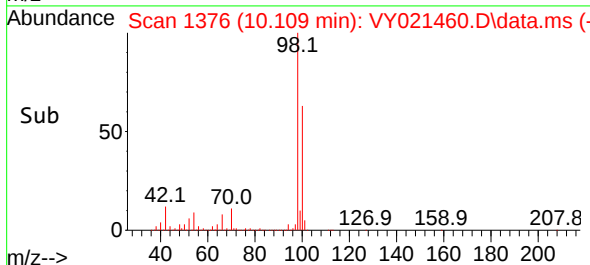
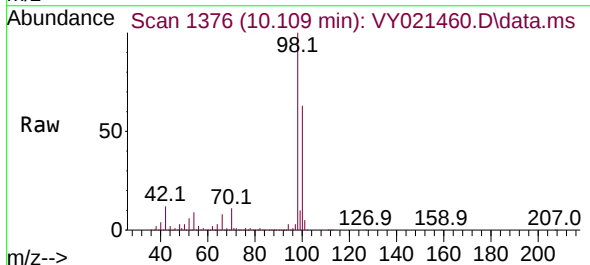


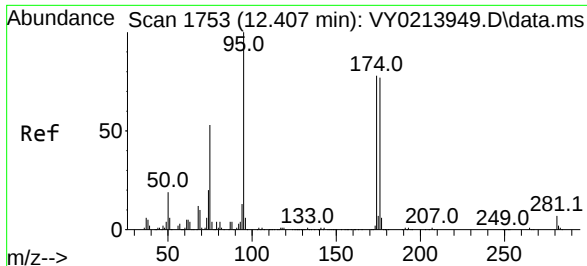
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 25.0 37.4#
58 105.3 58.4 87.6#



#50
Toluene-d8
Concen: 48.551 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Tgt Ion: 98 Resp: 579055
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 32.960 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021460.D

Acq: 07 Mar 2025 14:52

Instrument :

MSVOA_Y

ClientSampleId :

ENV-104-SB01

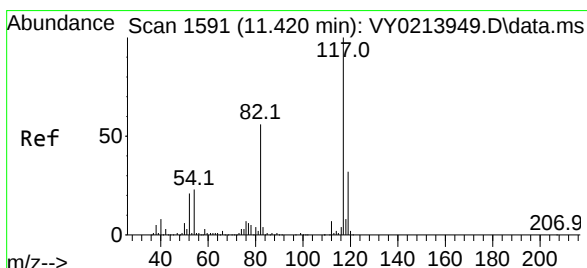
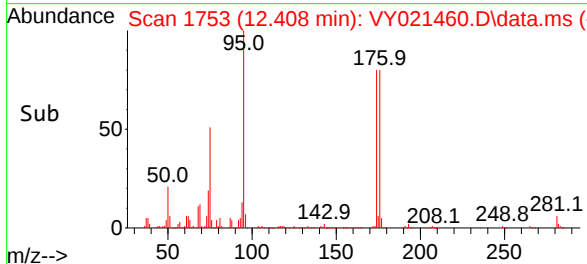
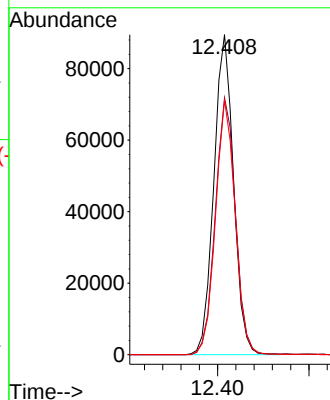
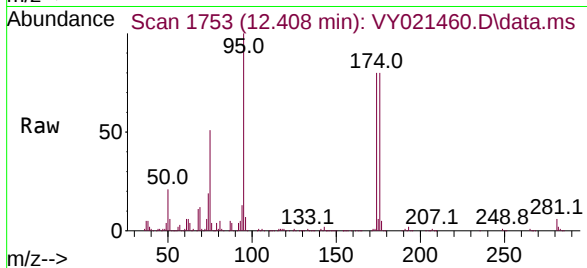
Tgt Ion: 95 Resp: 133721

Ion Ratio Lower Upper

95 100

174 82.6 0.0 165.0

176 79.6 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021460.D

Acq: 07 Mar 2025 14:52

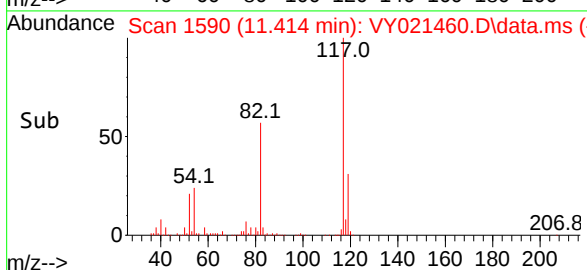
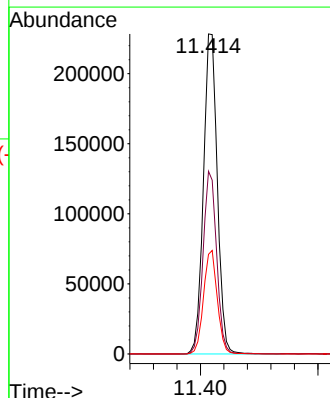
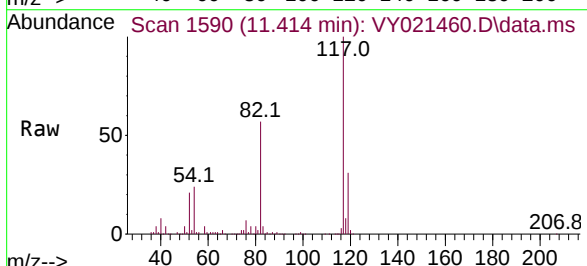
Tgt Ion: 117 Resp: 375437

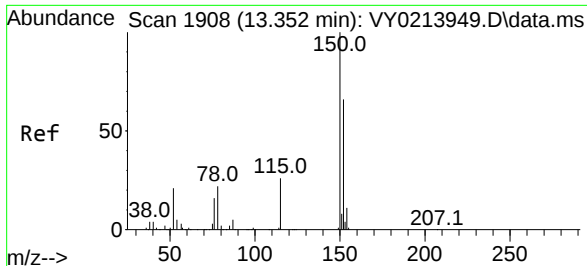
Ion Ratio Lower Upper

117 100

82 57.1 44.6 67.0

119 31.2 25.4 38.0

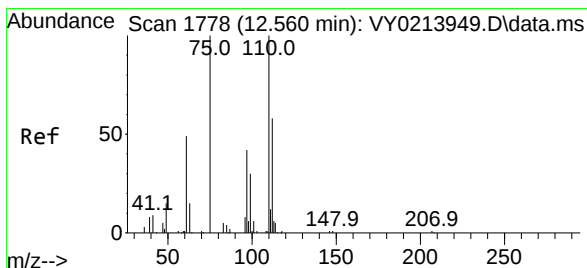
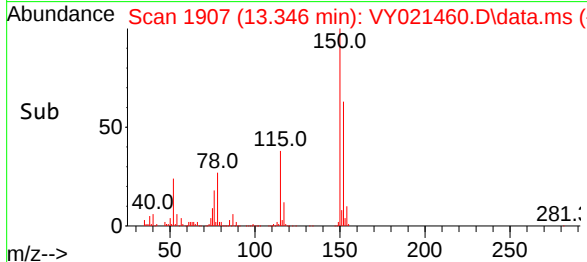
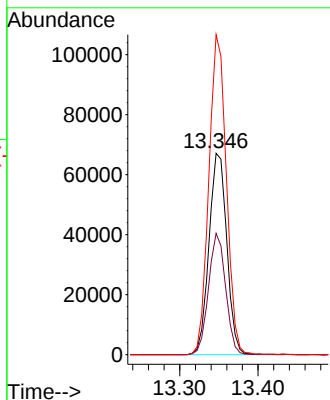
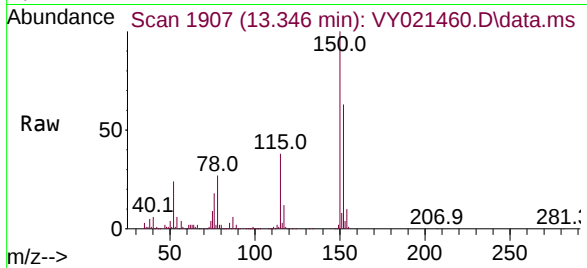




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY021460.D
 Acq: 07 Mar 2025 14:52

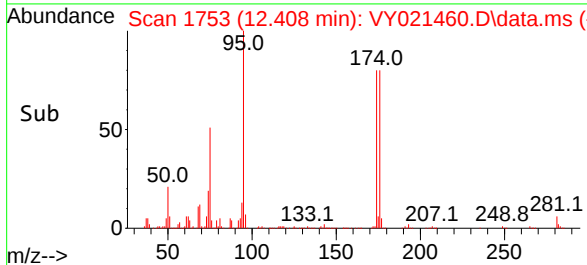
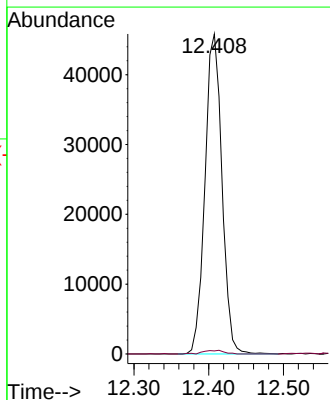
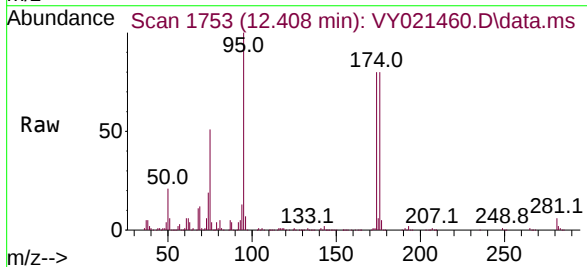
Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-104-SB01

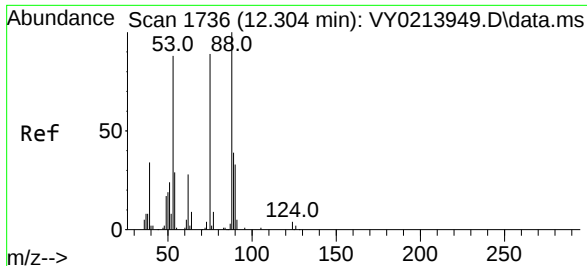
Tgt Ion:152 Resp: 106159
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.0 87.0
 150 155.8 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 67.698 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021460.D
 Acq: 07 Mar 2025 14:52

Tgt Ion: 75 Resp: 72420
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

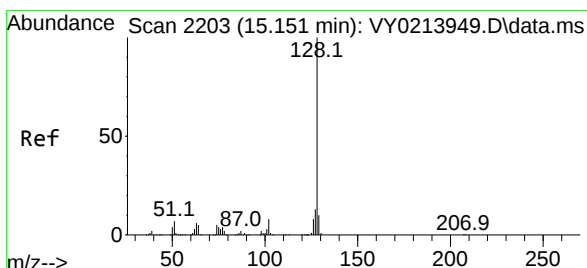
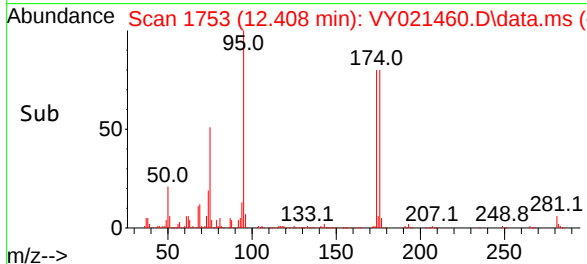
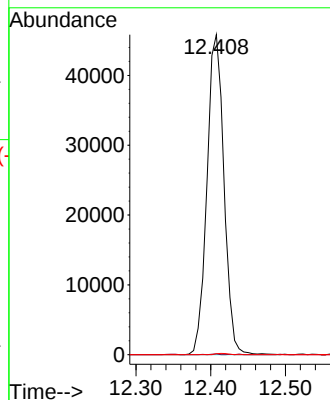
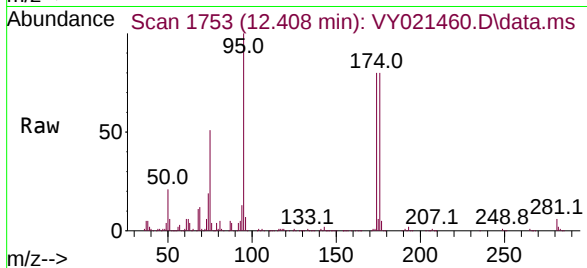




#81
trans-1,4-Dichloro-2-butene
Concen: 153.899 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Instrument :
MSVOA_Y
ClientSampleId :
ENV-104-SB01

Tgt Ion: 75 Resp: 72420
Ion Ratio Lower Upper
75 100
53 0.1 81.0 121.4#
89 0.3 36.9 55.3#



#95
Naphthalene
Concen: 1.513 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY021460.D
Acq: 07 Mar 2025 14:52

Tgt Ion: 128 Resp: 184
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

