

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021591.D
 Acq On : 21 Mar 2025 11:30
 Operator : SY/MD
 Sample : VY0321SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBL01

Quant Time: Mar 21 23:09:45 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)

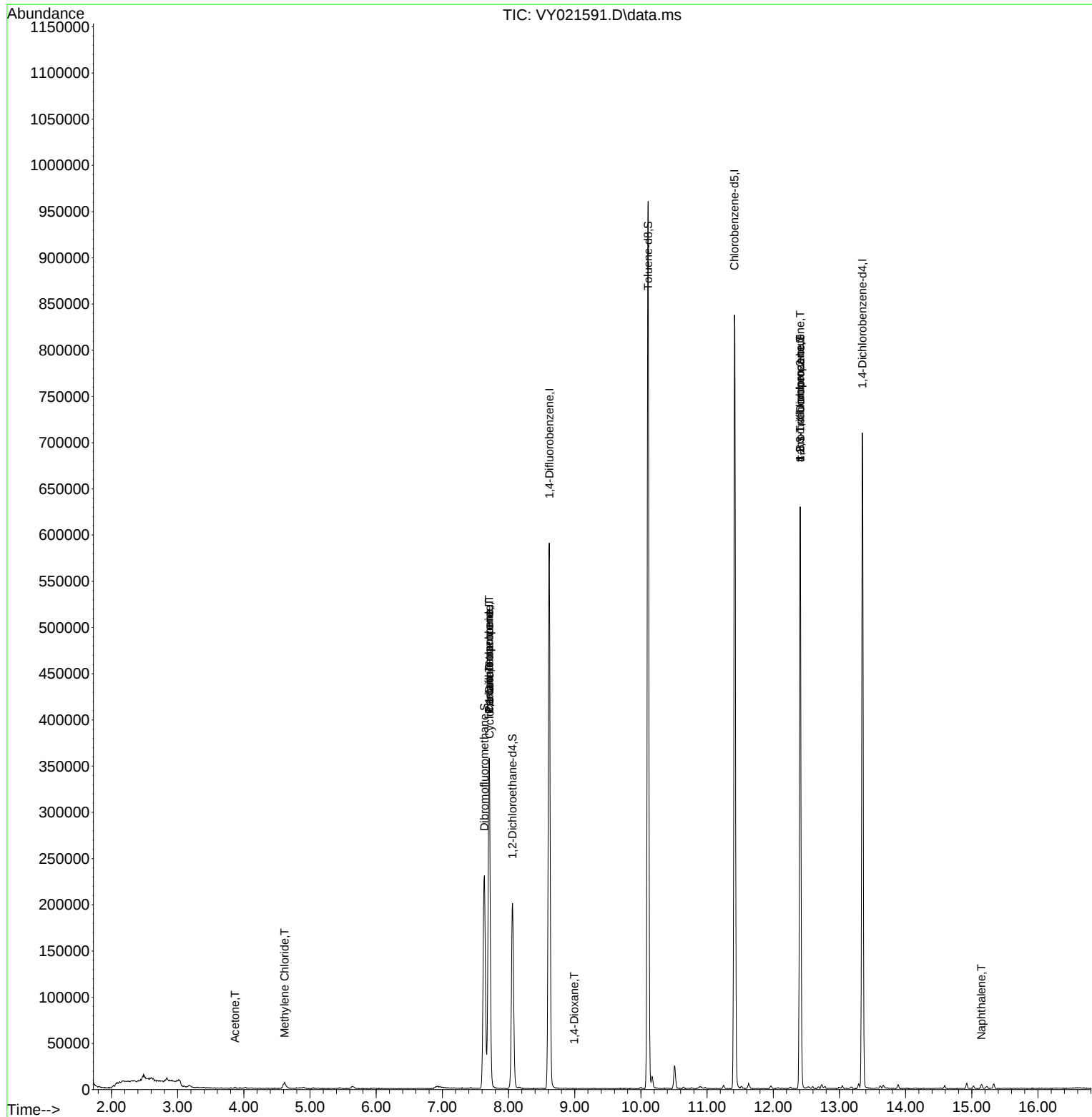
Internal Standards						
1) Pentafluorobenzene	7.707	168	271938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	492142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	435285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	172430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	161399	56.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.300%
35) Dibromofluoromethane	7.634	113	164595	50.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.760%
50) Toluene-d8	10.109	98	599353	48.933	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.408	95	182435	43.787	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.580%
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.848	59	666	Below Cal	#	72
16) Acetone	3.867	43	1062	1.694	ug/l #	87
20) Methylene Chloride	4.616	84	4333	1.317	ug/l	94
31) Cyclohexane	7.713	56	6242	1.160	ug/l #	10
36) 1,1-Dichloropropene	7.707	75	20730	4.094	ug/l #	50
38) Carbon Tetrachloride	7.707	117	27369	4.700	ug/l #	19
49) 1,4-Dioxane	8.994	88	21	1.083	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	97963	56.380	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	97963	128.169	ug/l #	9
95) Naphthalene	15.145	128	3589	2.217	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
Data File : VY021591.D
Acq On : 21 Mar 2025 11:30
Operator : SY/MD
Sample : VY0321SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

Quant Time: Mar 21 23:09:45 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

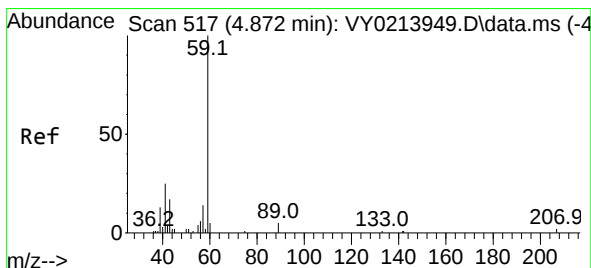
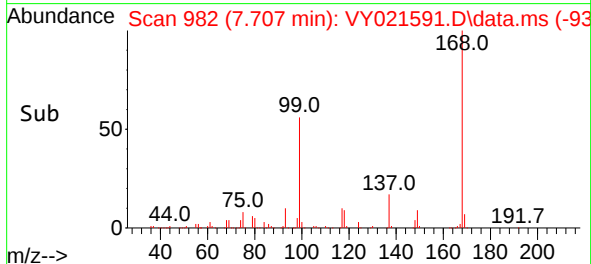
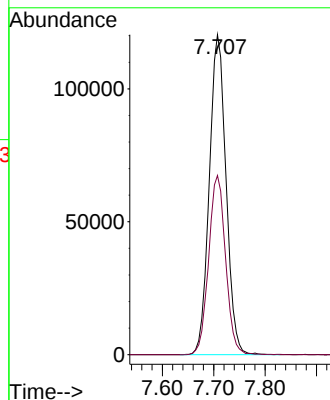
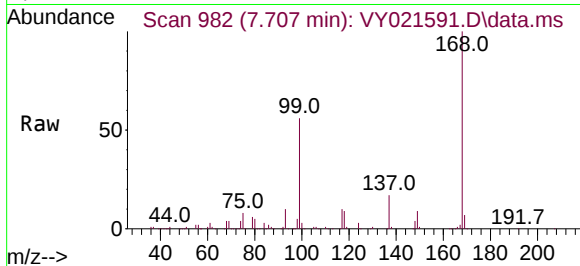




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

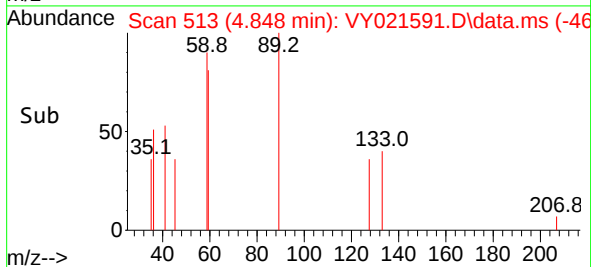
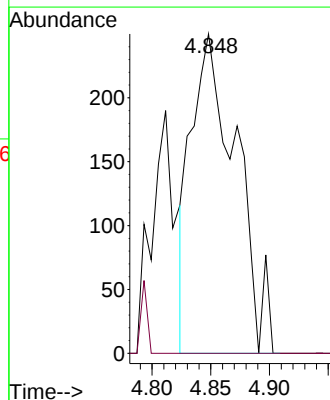
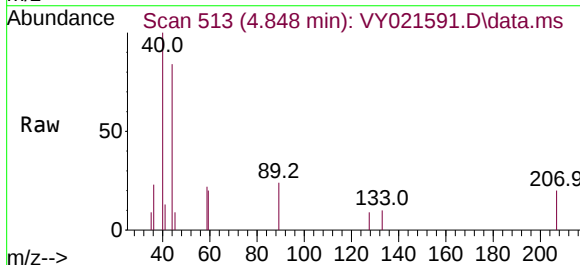
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

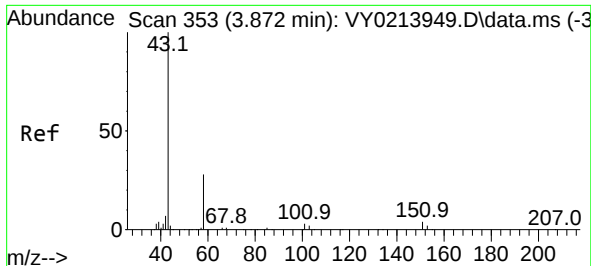
Tgt Ion:168 Resp: 271938
Ion Ratio Lower Upper
168 100
99 56.0 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

Tgt Ion: 59 Resp: 666
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

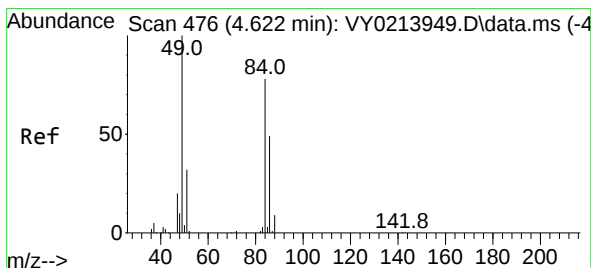
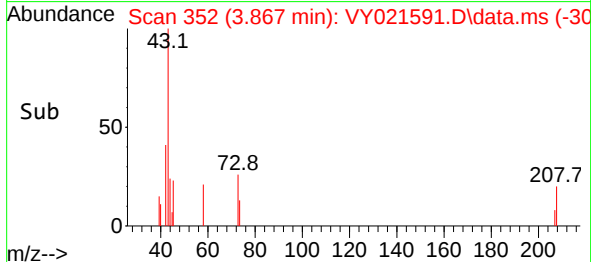
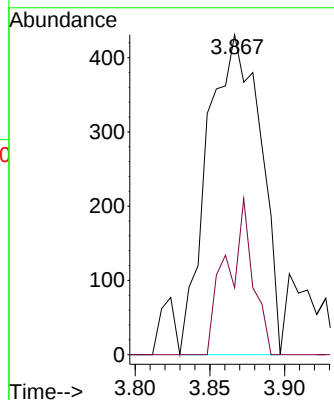
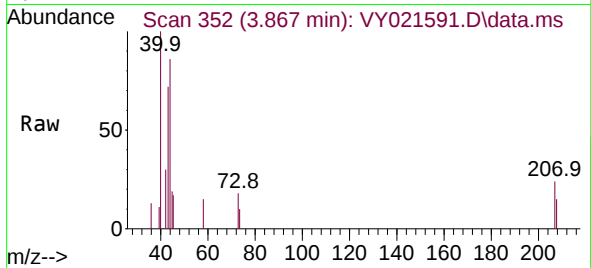




#16
Acetone
Concen: 1.694 ug/l
RT: 3.867 min Scan# 31
Delta R.T. -0.005 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

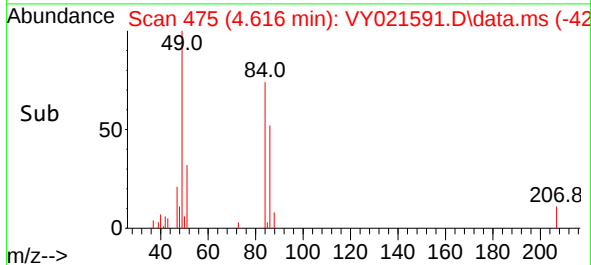
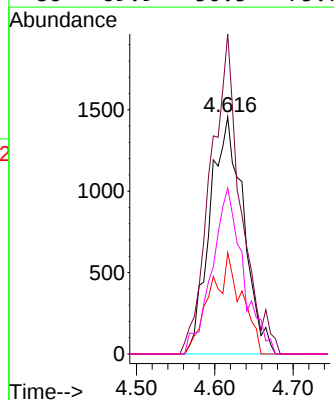
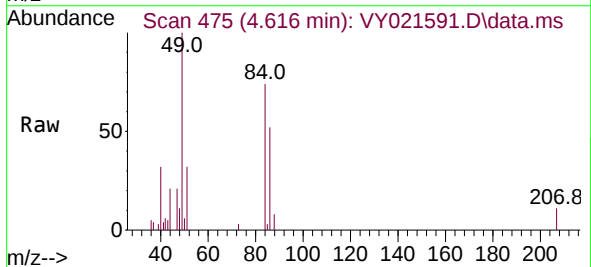
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

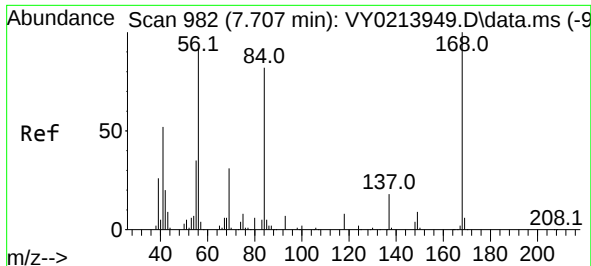
Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 20.9 22.1 33.1#



#20
Methylene Chloride
Concen: 1.317 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

Tgt Ion: 84 Resp: 4333
Ion Ratio Lower Upper
84 100
49 134.9 102.0 153.0
51 42.7 33.0 49.6
86 69.9 50.5 75.7

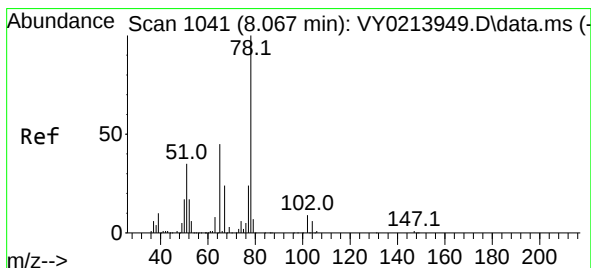
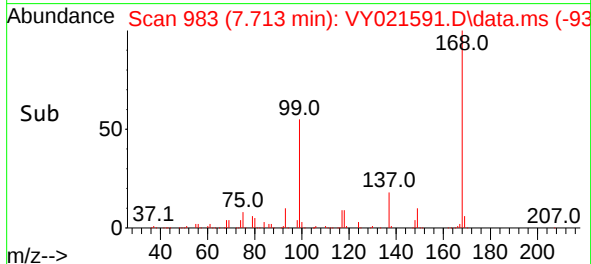
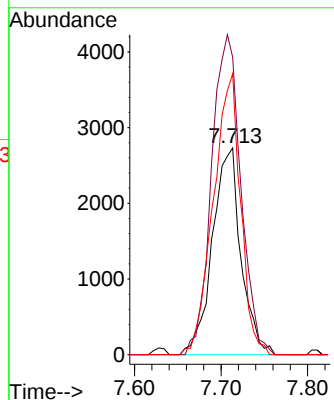
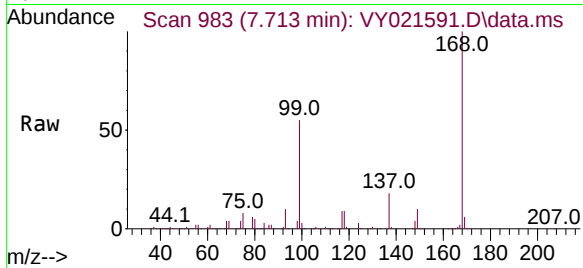




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

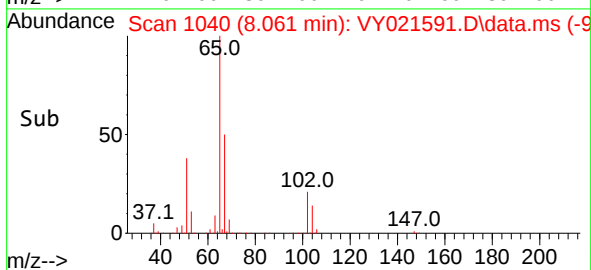
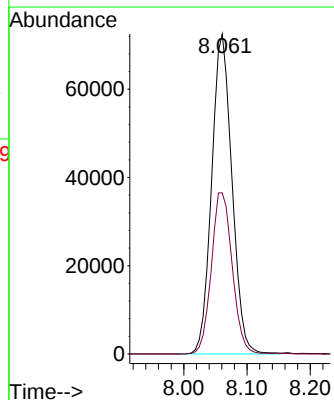
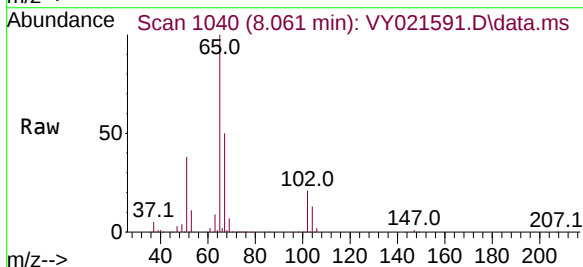
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

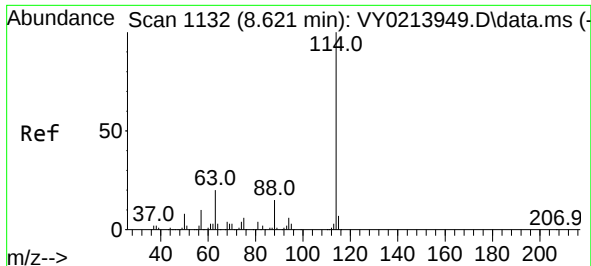
Tgt Ion: 56 Resp: 6242
Ion Ratio Lower Upper
56 100
69 143.9 27.0 40.4#
84 135.9 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 56.154 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

Tgt Ion: 65 Resp: 161399
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.8

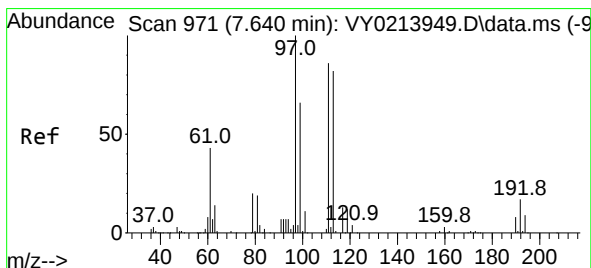
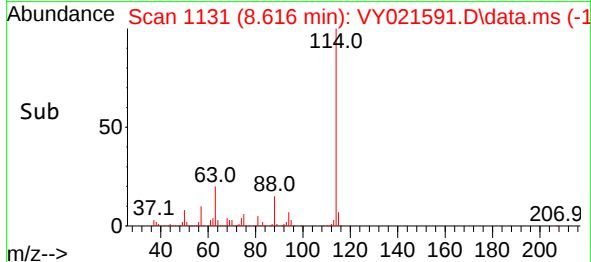
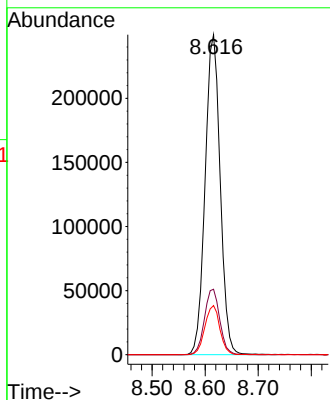
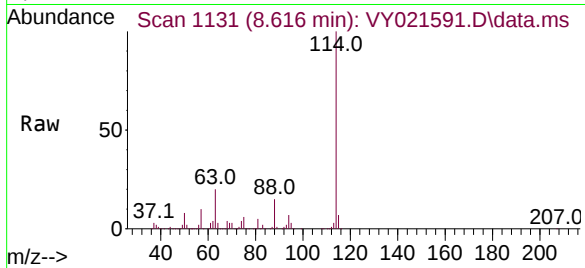




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

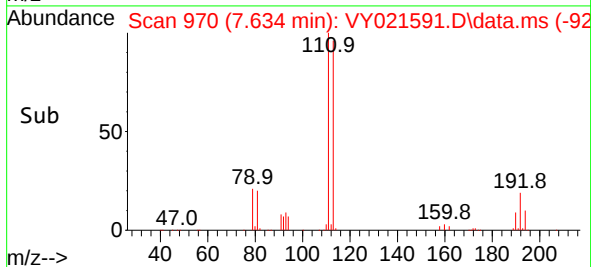
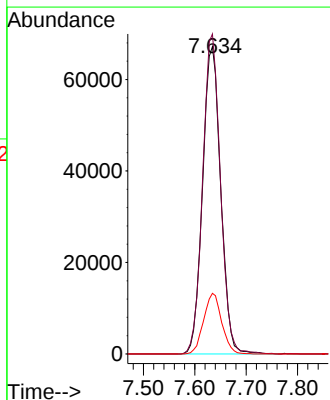
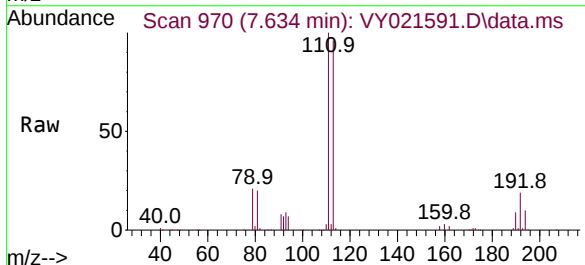
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

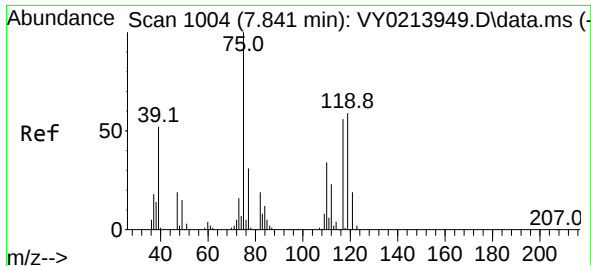
Tgt Ion:114 Resp: 492142
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 50.881 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

Tgt Ion:113 Resp: 164595
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 19.7 15.9 23.9

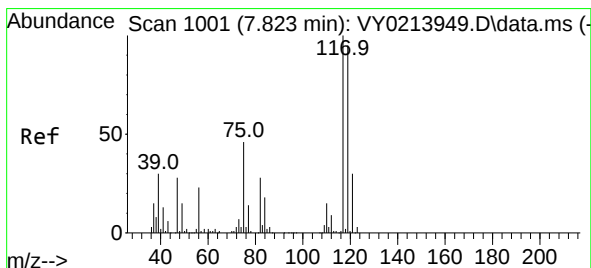
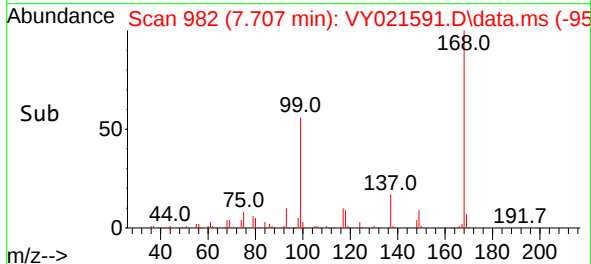
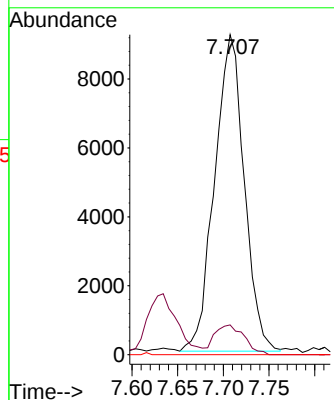
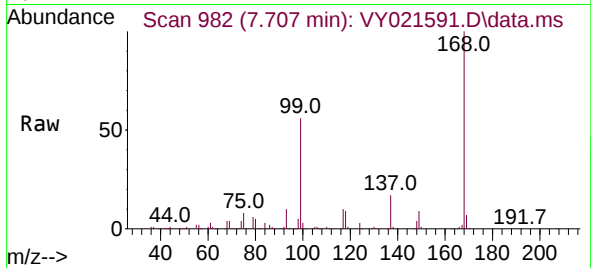




#36
1,1-Dichloropropene
Concen: 4.094 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

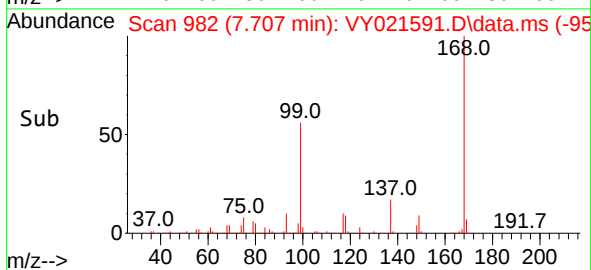
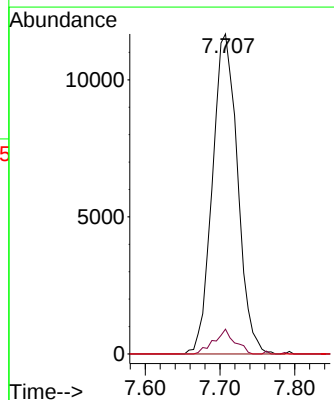
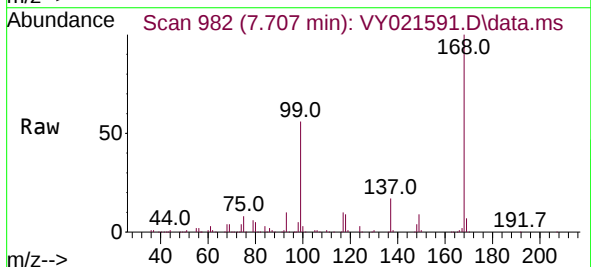
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

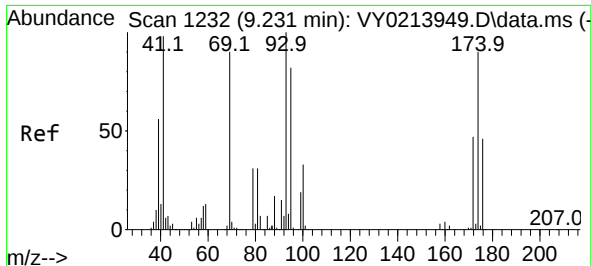
Tgt Ion: 75 Resp: 20730
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.7#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.700 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.115 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

Tgt Ion: 117 Resp: 27369
Ion Ratio Lower Upper
117 100
119 7.7 75.8 113.8#
121 0.0 23.9 35.9#





#49

1,4-Dioxane

Concen: 1.083 ug/l

RT: 8.994 min Scan# 1193

Delta R.T. -0.237 min

Lab File: VY021591.D

Acq: 21 Mar 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBL01

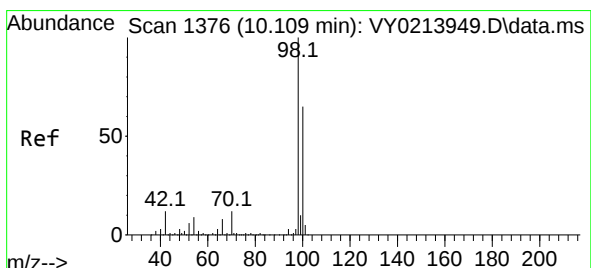
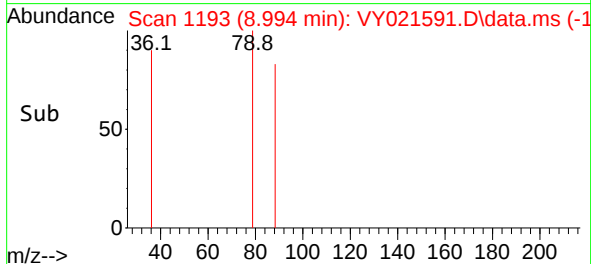
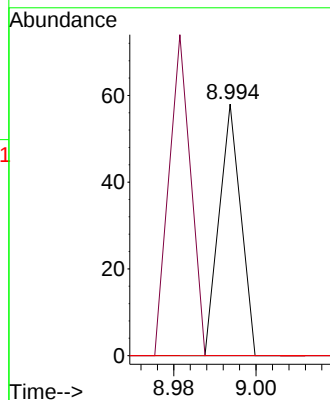
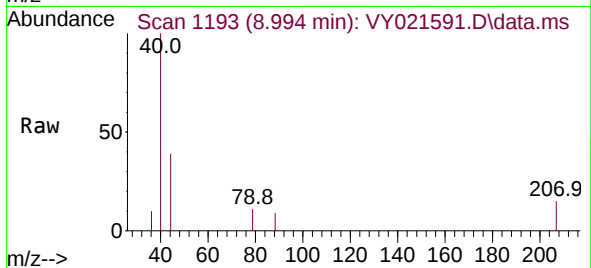
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 128.6 25.0 37.4#

58 0.0 58.4 87.6#



#50

Toluene-d8

Concen: 48.933 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021591.D

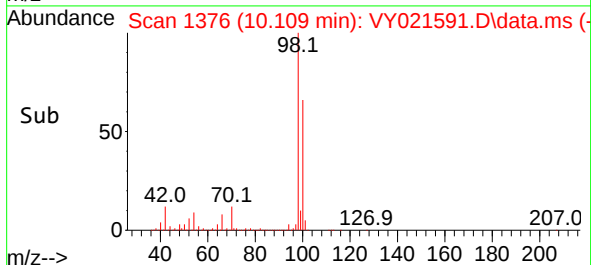
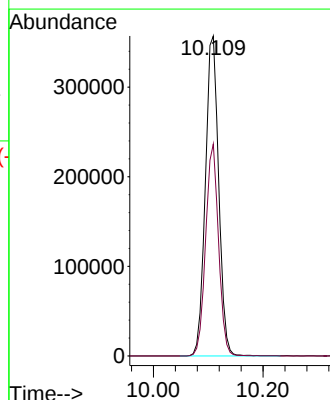
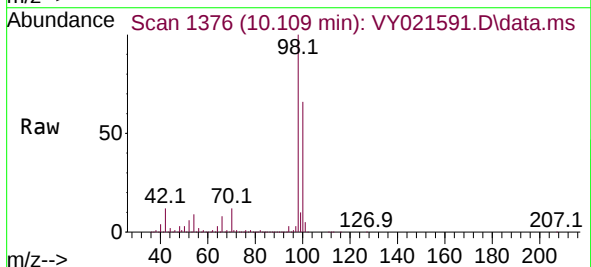
Acq: 21 Mar 2025 11:30

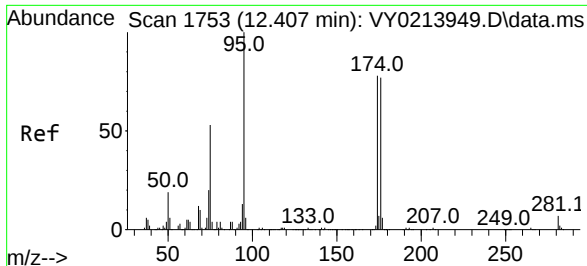
Tgt Ion: 98 Resp: 599353

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 43.787 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021591.D

Acq: 21 Mar 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBL01

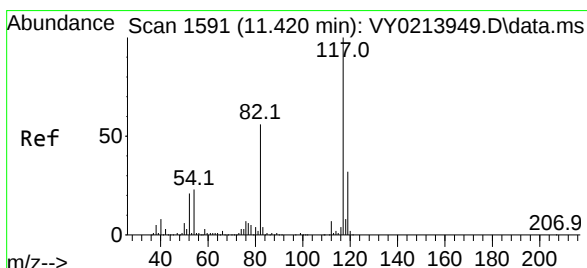
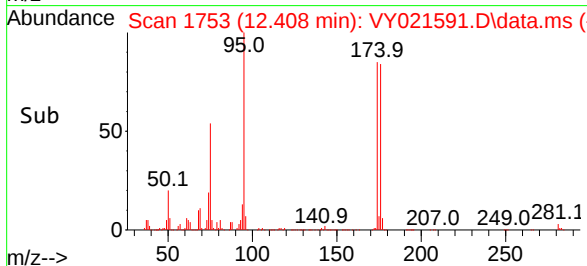
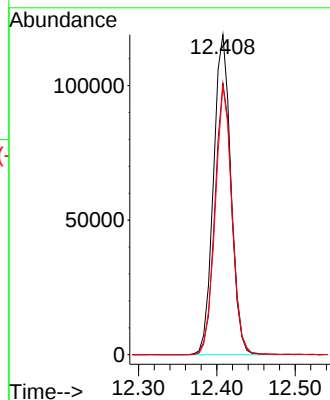
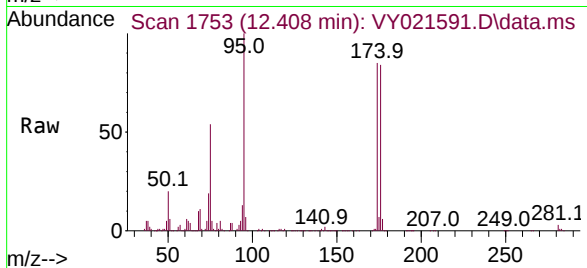
Tgt Ion: 95 Resp: 182435

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.0

176 81.1 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: VY021591.D

Acq: 21 Mar 2025 11:30

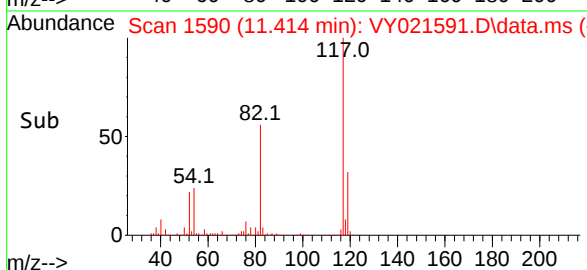
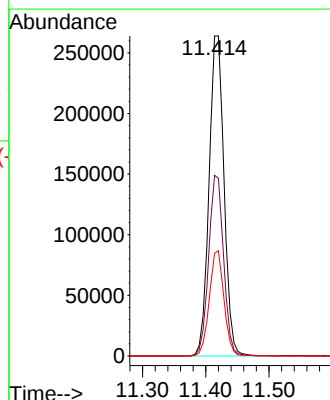
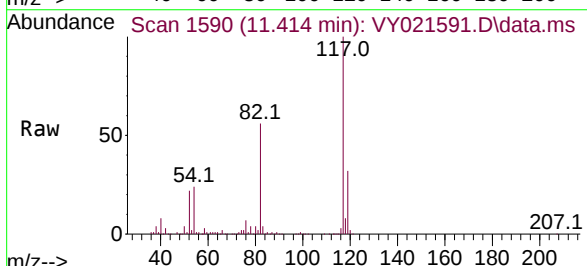
Tgt Ion: 117 Resp: 435285

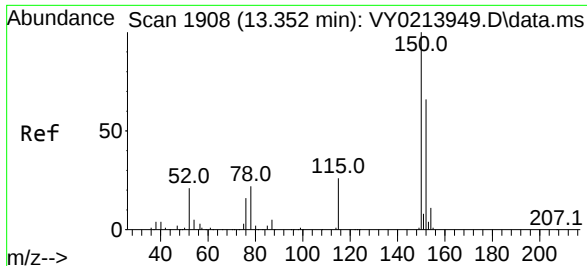
Ion Ratio Lower Upper

117 100

82 56.5 44.6 67.0

119 32.1 25.4 38.0

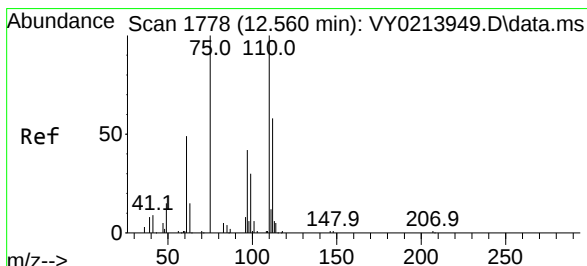
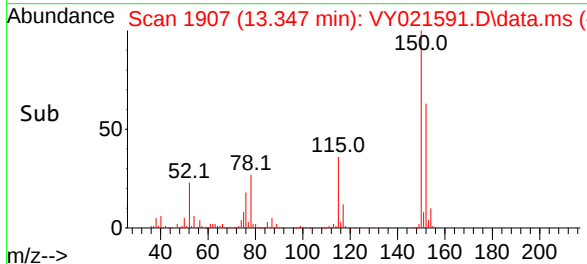
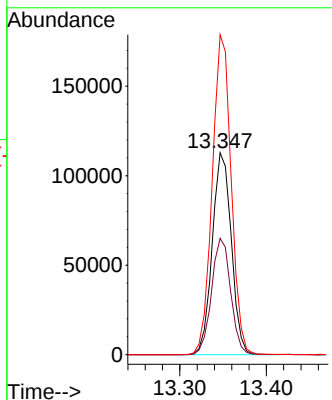
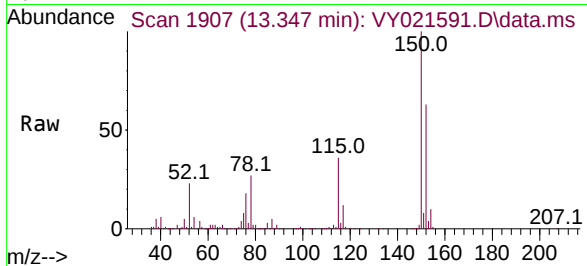




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

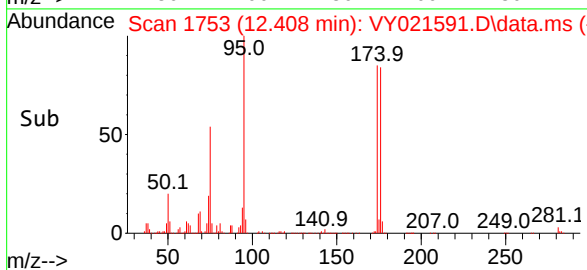
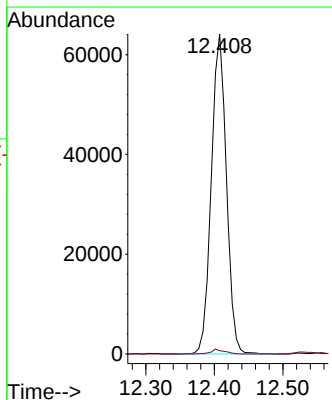
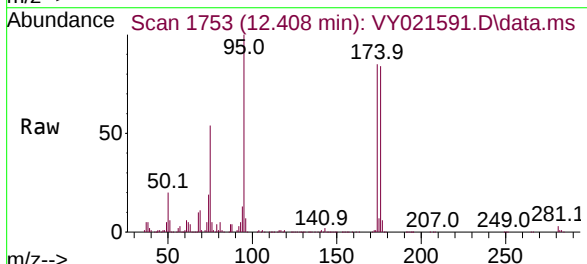
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

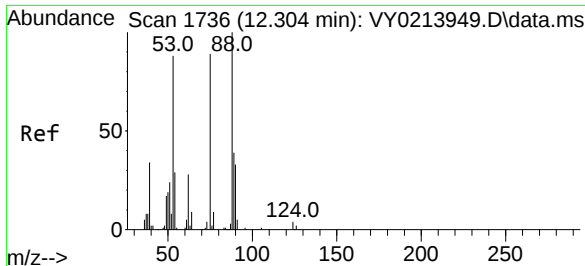
Tgt Ion:152 Resp: 172430
Ion Ratio Lower Upper
152 100
115 57.8 29.0 87.0
150 157.5 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 56.380 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021591.D
Acq: 21 Mar 2025 11:30

Tgt Ion: 75 Resp: 97963
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

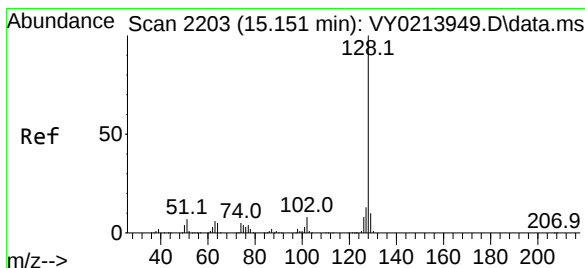
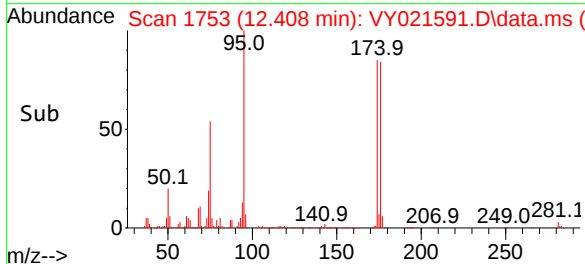
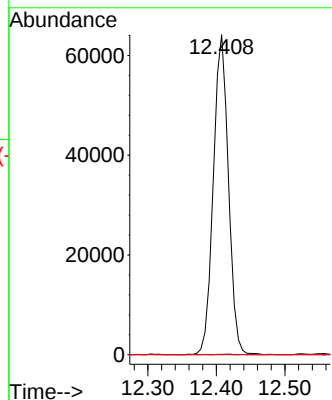
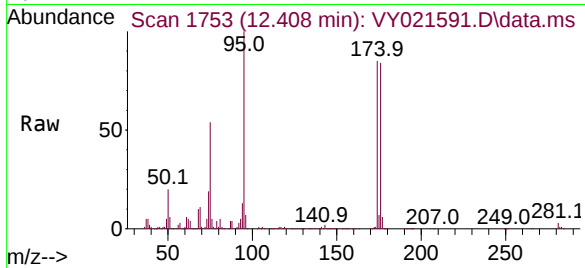




#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.169 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021591.D
 Acq: 21 Mar 2025 11:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBL01

Tgt Ion: 75 Resp: 97963
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.0 121.4#
 89 0.0 36.9 55.3#



#95
 Naphthalene
 Concen: 2.217 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. -0.006 min
 Lab File: VY021591.D
 Acq: 21 Mar 2025 11:30

Tgt Ion: 128 Resp: 3589
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.6 15.8
 129 10.2 8.6 13.0

