

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
 Data File : VY021536.D
 Acq On : 14 Mar 2025 13:25
 Operator : SY/MD
 Sample : Q1566-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTWK-COMP

Quant Time: Mar 15 02:02:47 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	233832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	434289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	399077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150648	60.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.900%
35) Dibromofluoromethane	7.634	113	148964	52.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.103	98	534646	49.465	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.408	95	175967	47.861	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.720%

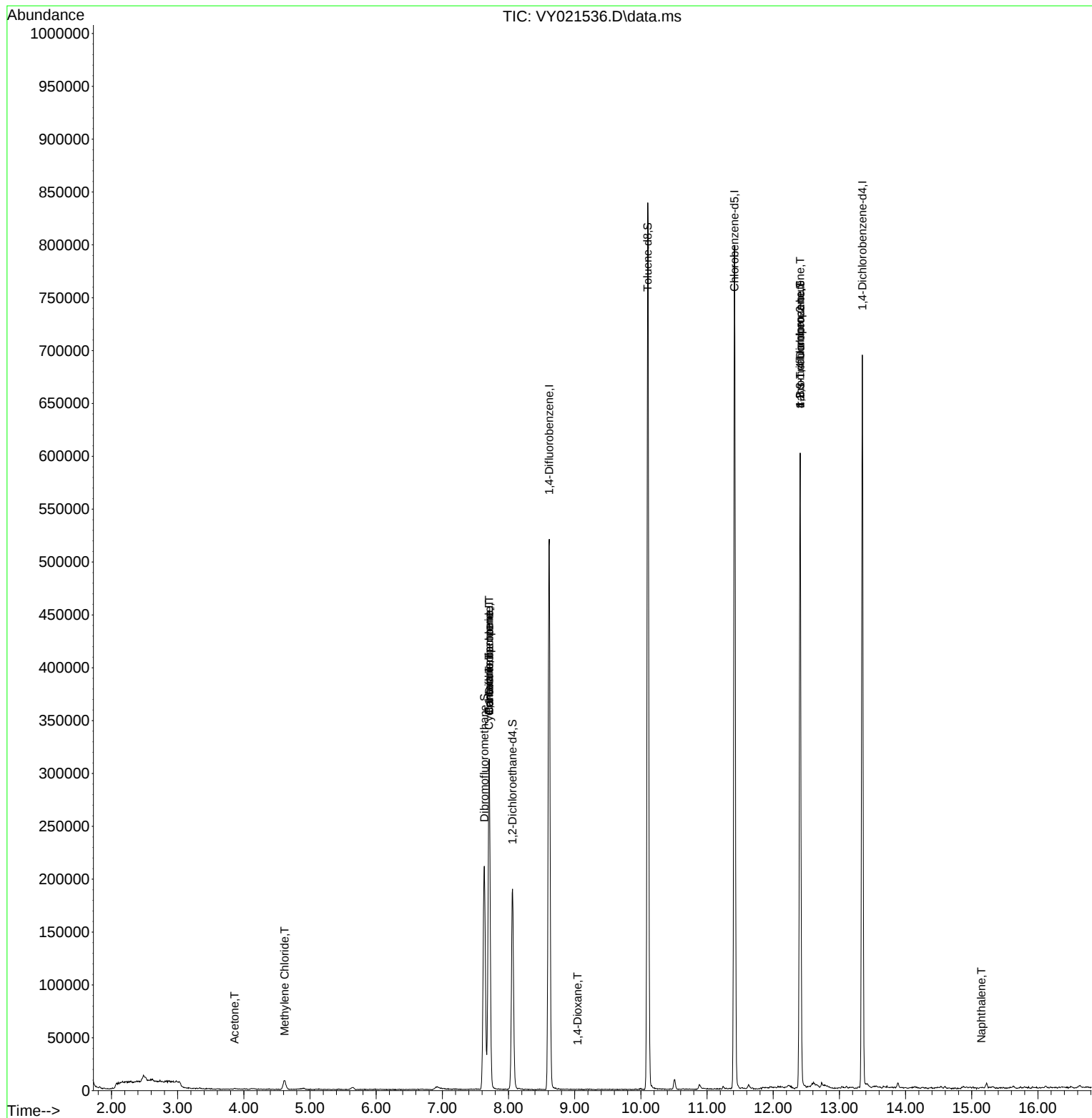
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.878	59	229	Below Cal	#	72
16) Acetone	3.860	43	1111	2.061	ug/l	98
20) Methylene Chloride	4.616	84	5829	2.060	ug/l	90
31) Cyclohexane	7.701	56	5566	1.202	ug/l	# 17
36) 1,1-Dichloropropene	7.707	75	19537	4.372	ug/l	# 50
38) Carbon Tetrachloride	7.707	117	24180	4.705	ug/l	# 17
49) 1,4-Dioxane	9.042	88	34	1.987	ug/l	# 1
76) 1,2,3-Trichloropropane	12.408	75	94176	56.084	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	94176	127.496	ug/l	# 9
95) Naphthalene	15.145	128	1009	1.672	ug/l	# 93

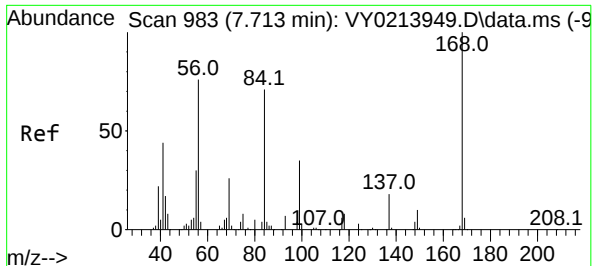
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031425\
Data File : VY021536.D
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Operator : SY/MD
Sample : Q1566-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CTWK-COMP

Quant Time: Mar 15 02:02:47 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

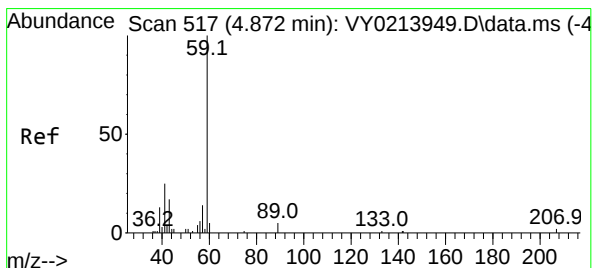
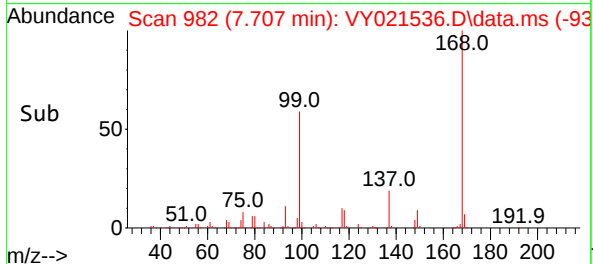
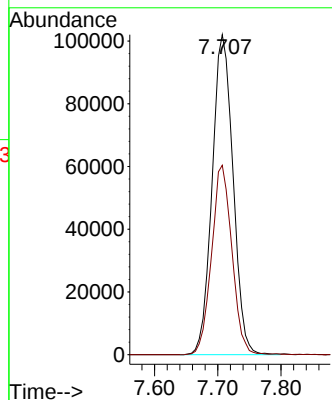
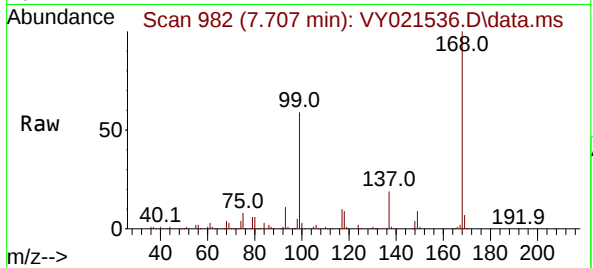




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

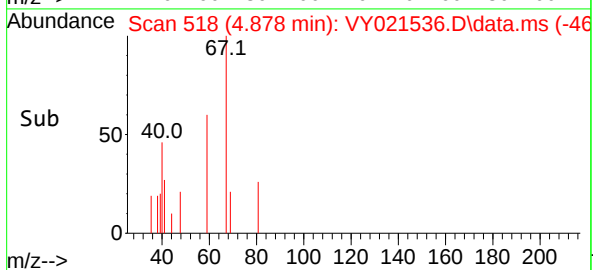
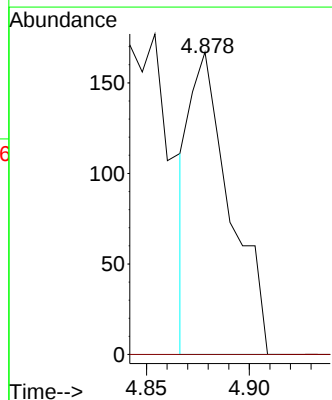
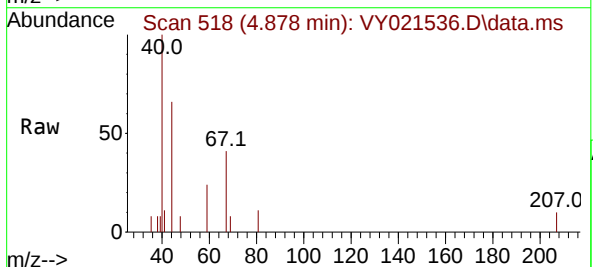
Instrument :
MSVOA_Y
ClientSampleId :
CTWK-COMP

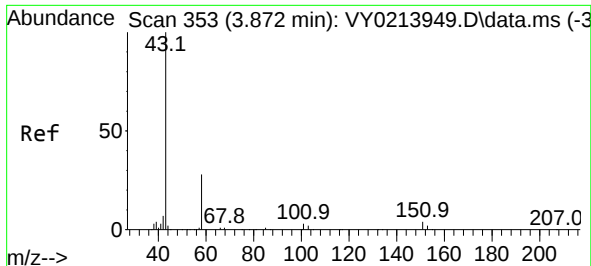
Tgt Ion:168 Resp: 233832
Ion Ratio Lower Upper
168 100
99 59.2 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.878 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

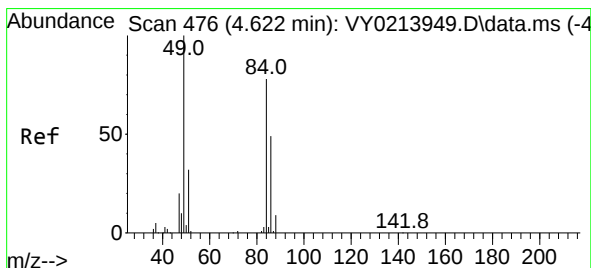
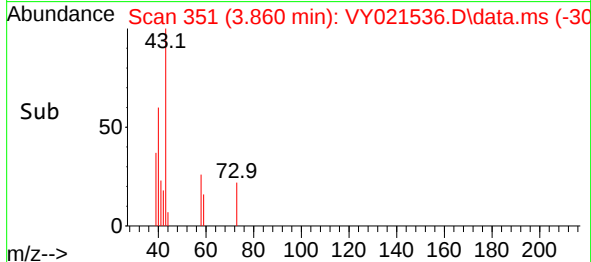
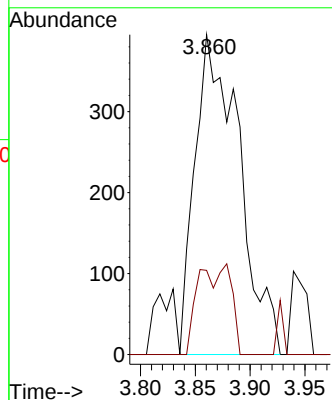
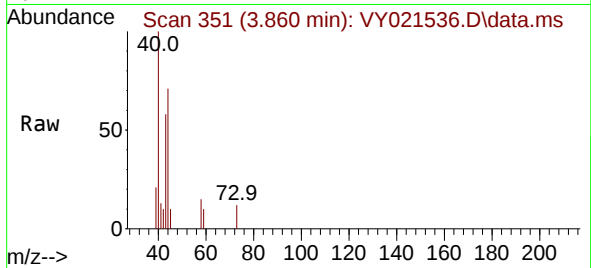




#16
Acetone
Concen: 2.061 ug/l
RT: 3.860 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

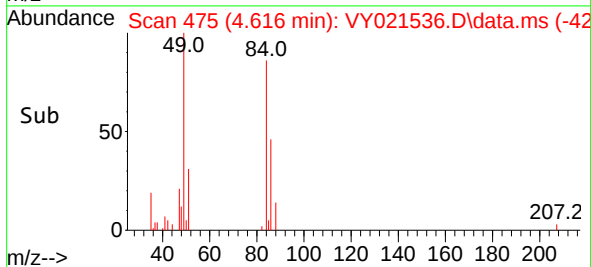
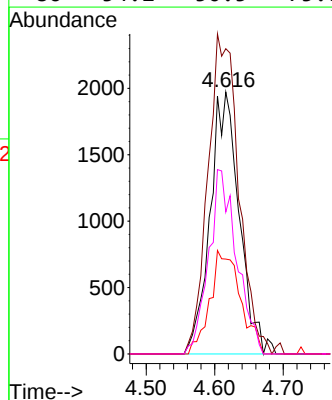
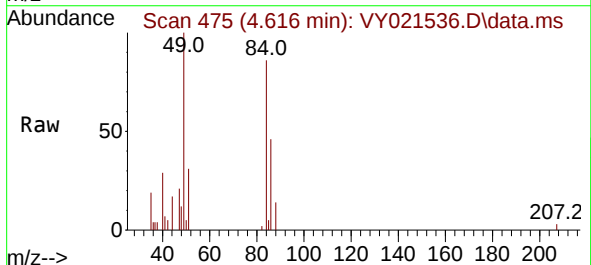
Instrument :
MSVOA_Y
ClientSampleId :
CTWK-COMP

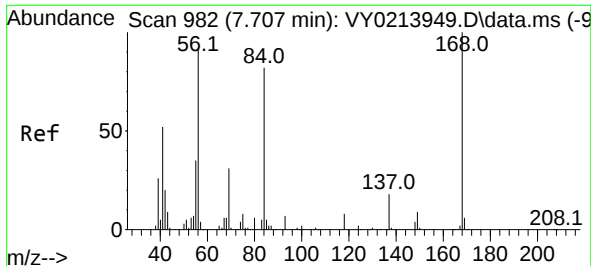
Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
58 26.3 22.1 33.1



#20
Methylene Chloride
Concen: 2.060 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

Tgt Ion: 84 Resp: 5829
Ion Ratio Lower Upper
84 100
49 116.5 102.0 153.0
51 36.3 33.0 49.6
86 54.2 50.5 75.7

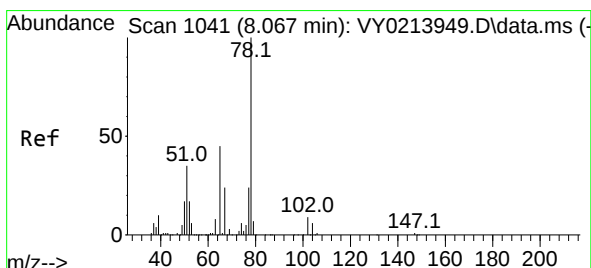
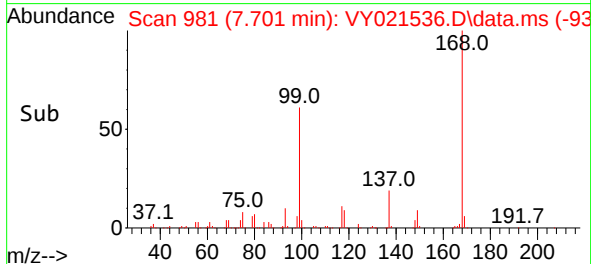
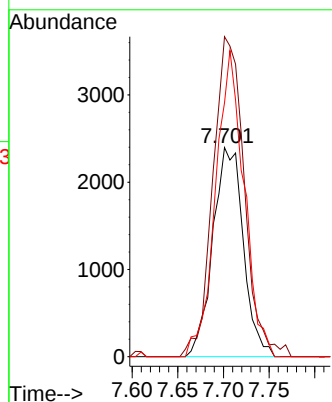
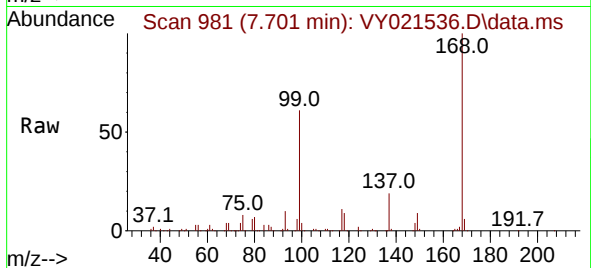




#31
Cyclohexane
Concen: 1.202 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

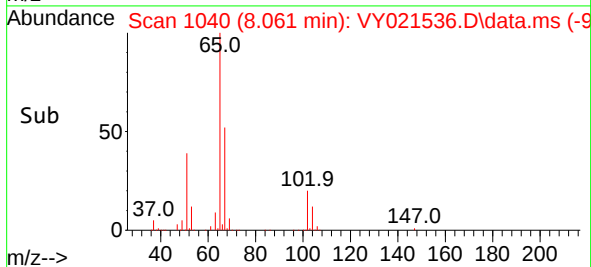
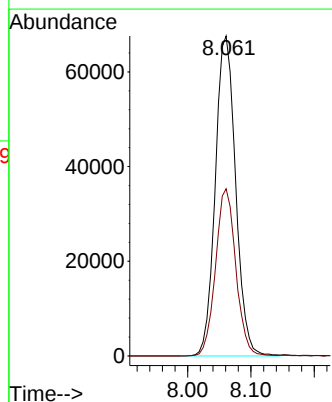
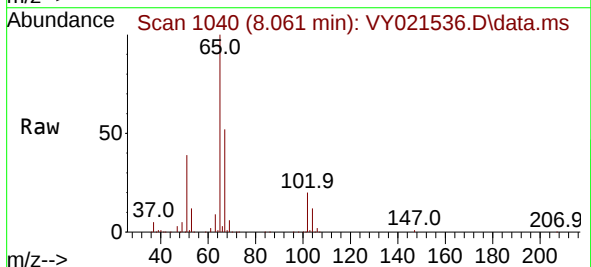
Instrument :
MSVOA_Y
ClientSampleId :
CTWK-COMP

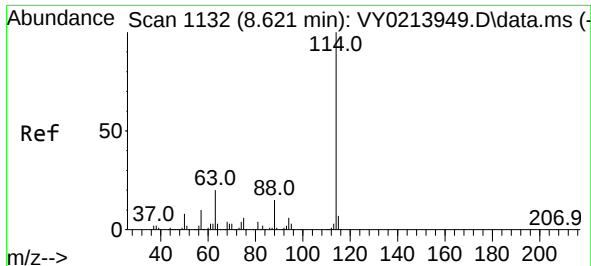
Tgt Ion: 56 Resp: 5566
Ion Ratio Lower Upper
56 100
69 153.0 27.0 40.4#
84 121.4 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 60.955 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

Tgt Ion: 65 Resp: 150648
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.8

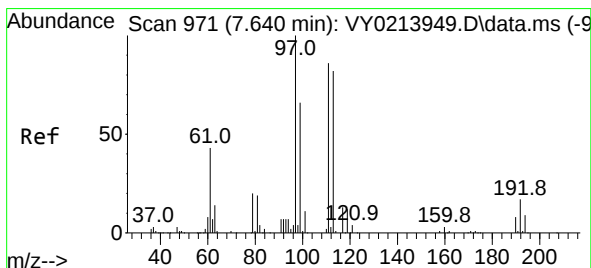
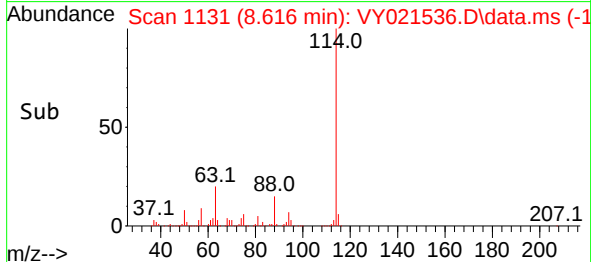
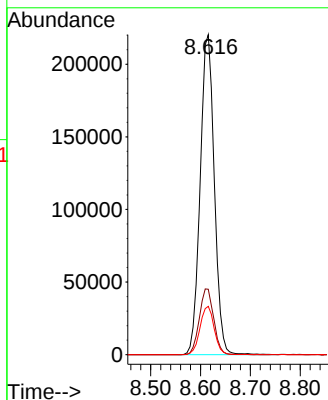
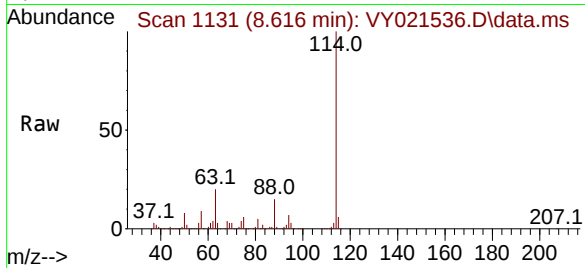




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

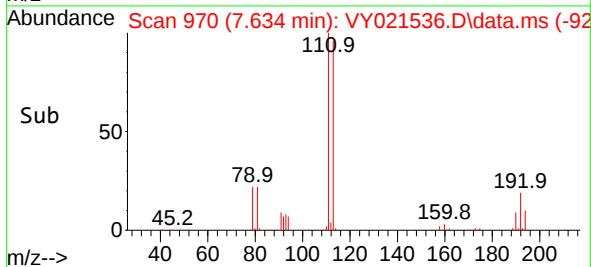
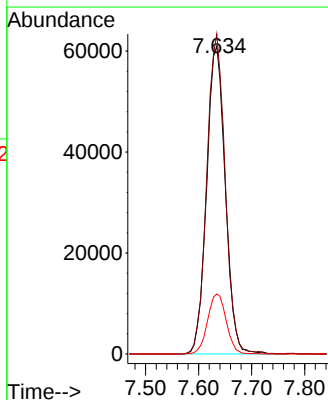
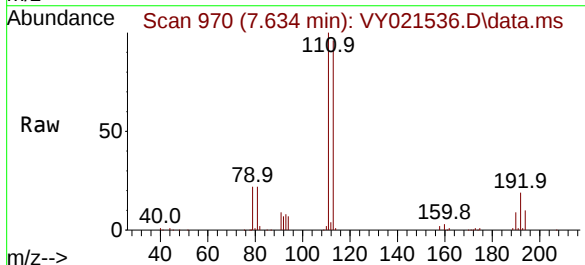
Instrument :
MSVOA_Y
ClientSampleId :
CTWK-COMP

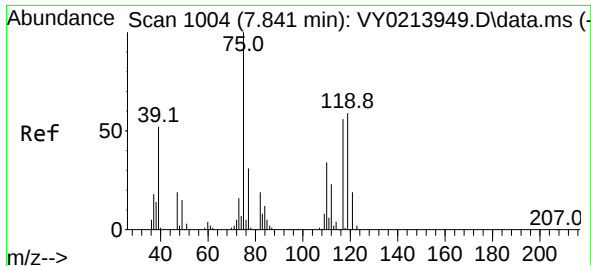
Tgt Ion:114 Resp: 434289
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.183 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

Tgt Ion:113 Resp: 148964
Ion Ratio Lower Upper
113 100
111 102.6 82.0 123.0
192 19.5 15.9 23.9

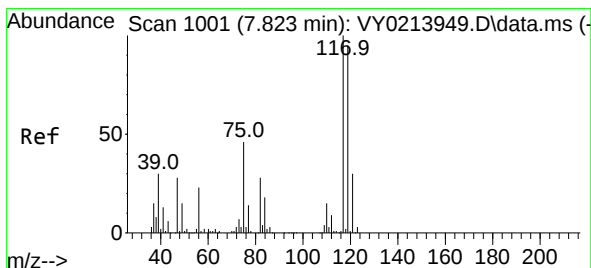
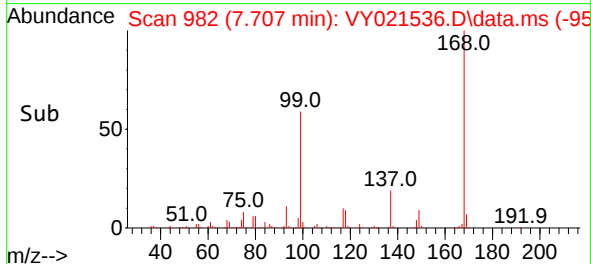
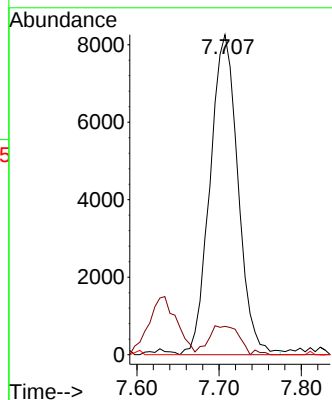
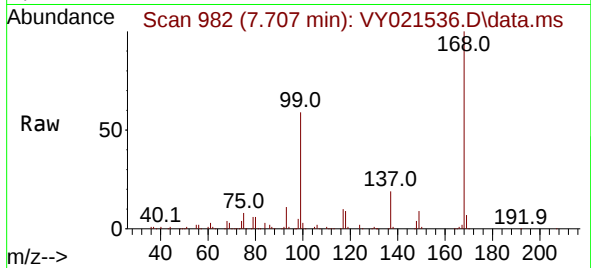




#36
1,1-Dichloropropene
Concen: 4.372 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

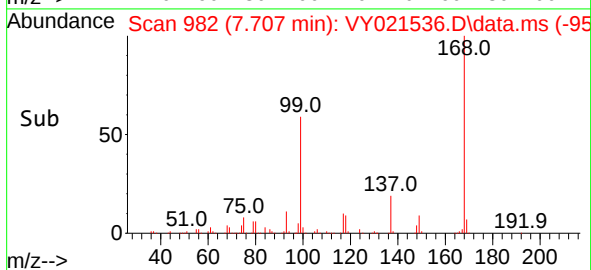
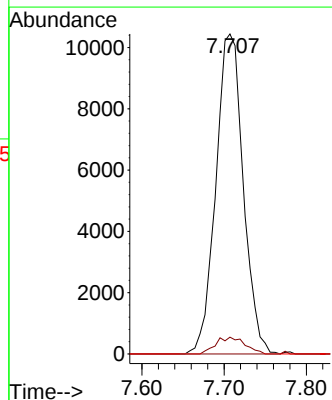
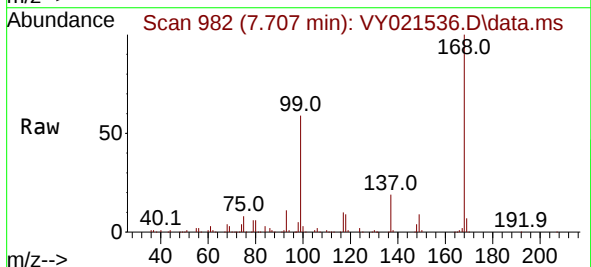
Instrument :
MSVOA_Y
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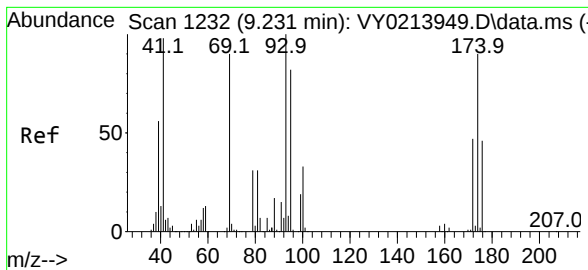
Tgt Ion: 75 Resp: 19537
Ion Ratio Lower Upper
75 100
110 10.0 17.3 51.7#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.705 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

Tgt Ion: 117 Resp: 24180
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 23.9 35.9#

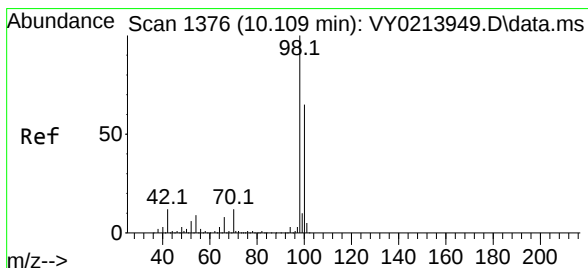
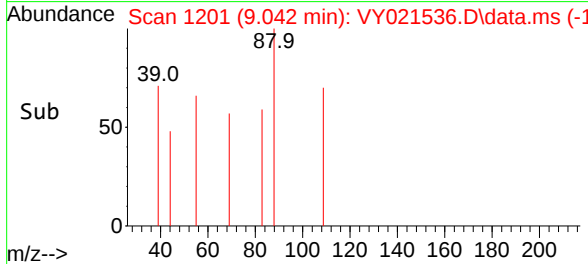
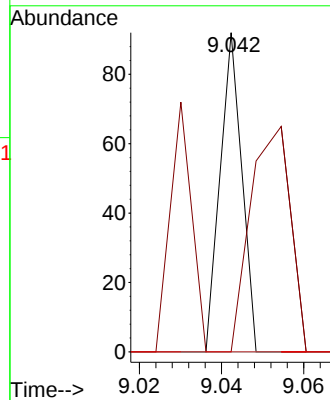
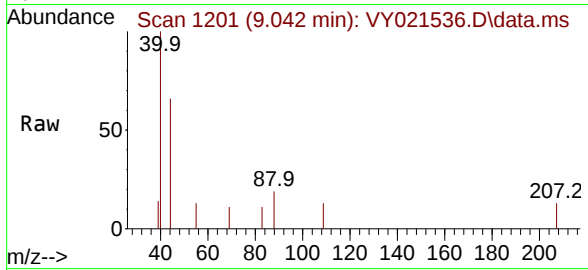




#49
1,4-Dioxane
Concen: 1.987 ug/l
RT: 9.042 min Scan# 11
Delta R.T. -0.189 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

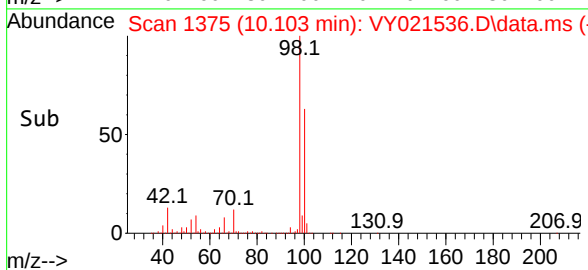
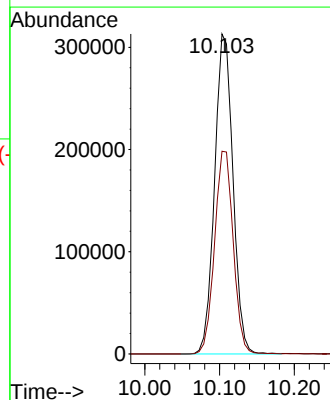
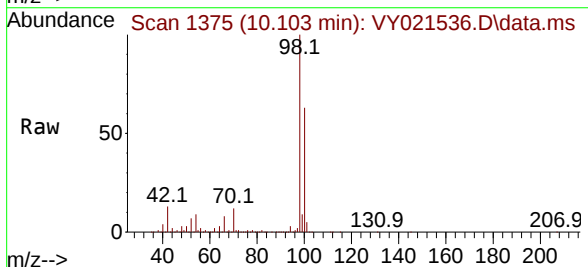
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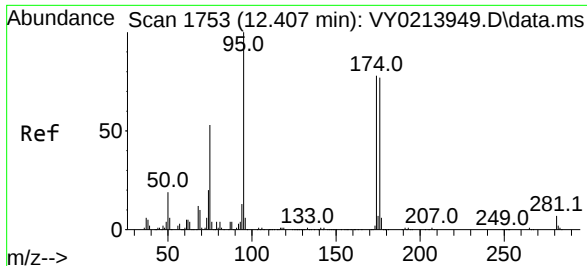
Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 129.4 25.0 37.4#
58 0.0 58.4 87.6#



#50
Toluene-d8
Concen: 49.465 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

Tgt Ion: 98 Resp: 534646
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

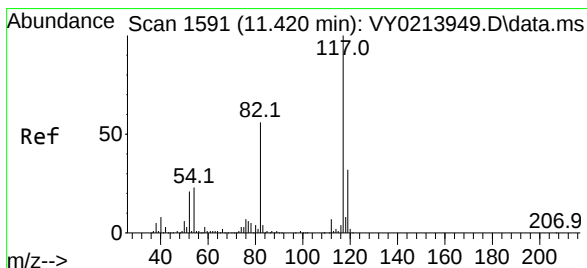
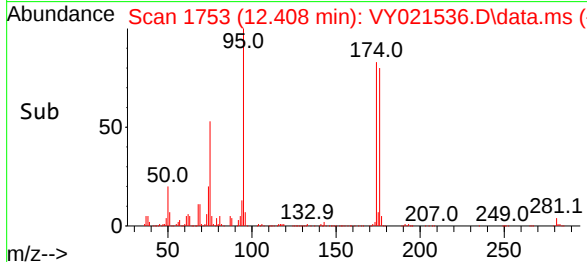
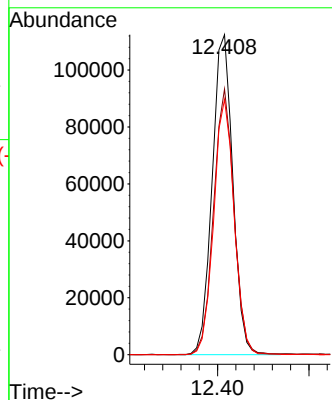
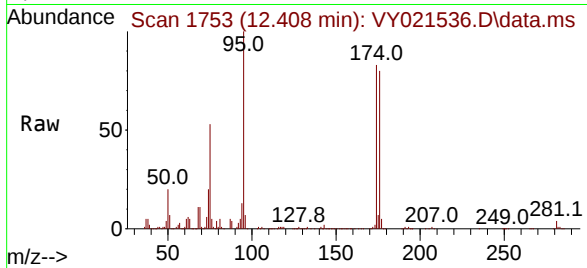




#62
4-Bromofluorobenzene
Concen: 47.861 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

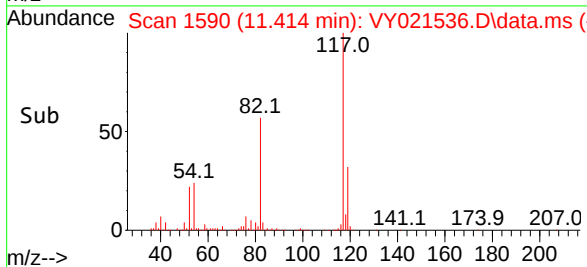
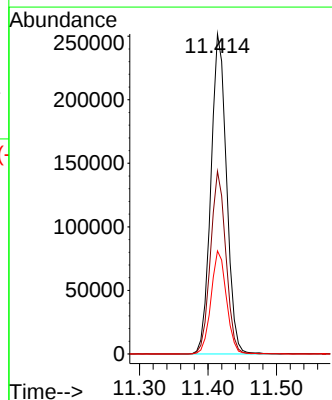
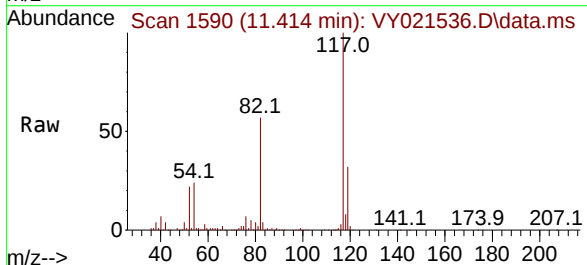
Instrument :
MSVOA_Y
ClientSampleId :
CTWK-COMP

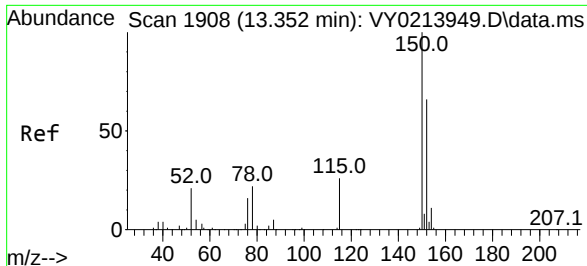
Tgt Ion: 95 Resp: 175967
Ion Ratio Lower Upper
95 100
174 82.6 0.0 165.0
176 79.2 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

Tgt Ion: 117 Resp: 399077
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 32.2 25.4 38.0

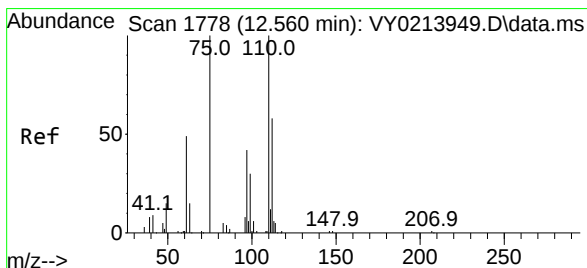
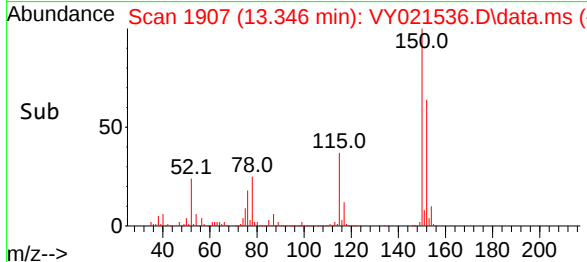
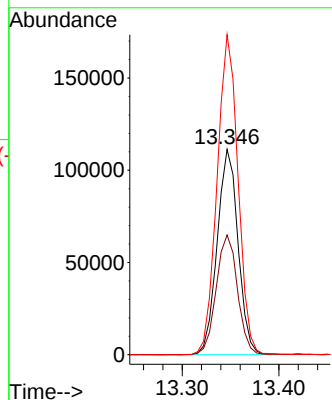
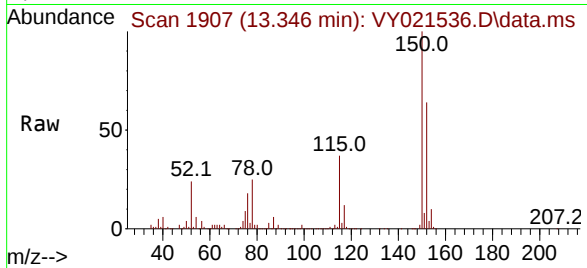




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY021536.D
 Acq: 14 Mar 2025 13:25

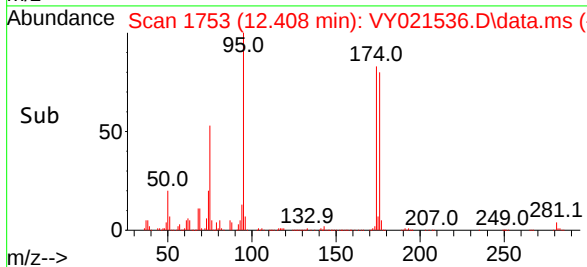
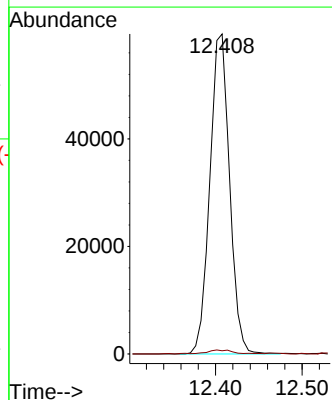
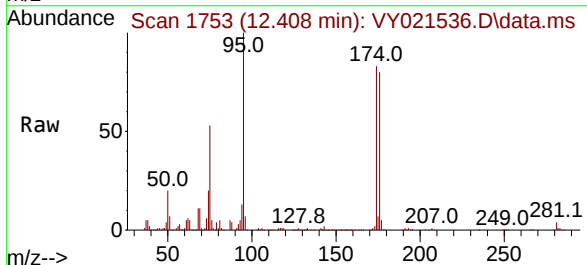
Instrument :
 MSVOA_Y
 ClientSampleId :
 CTWK-COMP

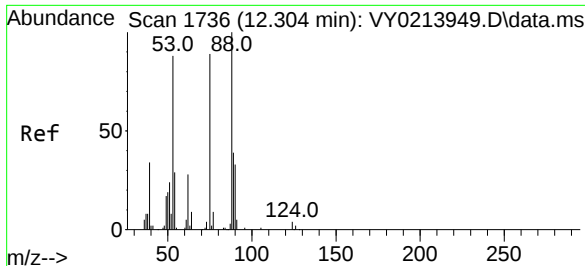
Tgt Ion:152 Resp: 166640
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.0 87.0
 150 156.5 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 56.084 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021536.D
 Acq: 14 Mar 2025 13:25

Tgt Ion: 75 Resp: 94176
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

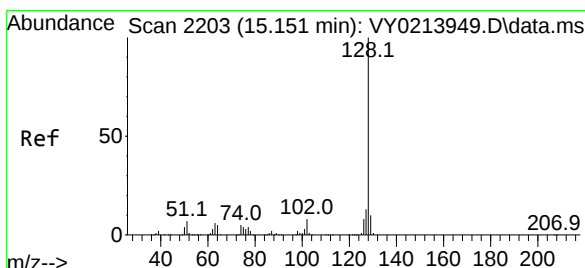
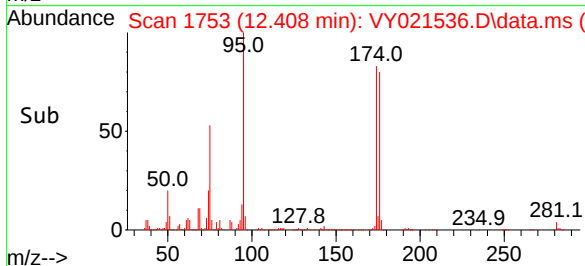
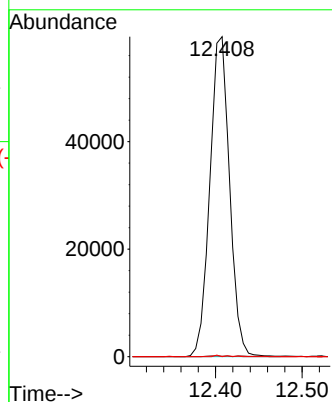
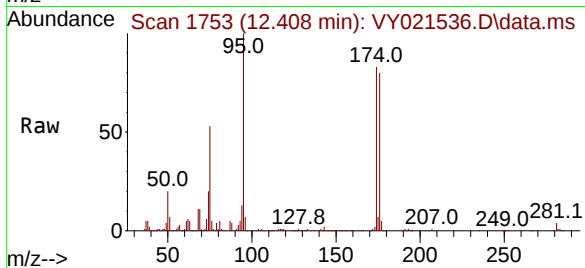




#81
trans-1,4-Dichloro-2-butene
Concen: 127.496 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :
CTWK-COMP

Tgt Ion: 75 Resp: 94176
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.2 36.9 55.3#



#95
Naphthalene
Concen: 1.672 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021536.D
Acq: 14 Mar 2025 13:25

Tgt Ion: 128 Resp: 1009
Ion Ratio Lower Upper
128 100
127 9.5 10.6 15.8#
129 8.8 8.6 13.0

