

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021636.D
 Acq On : 25 Mar 2025 15:22
 Operator : SY/MD
 Sample : Q1626-01
 Misc : 9.8g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CO-32-1

Quant Time: Mar 26 01:37:12 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	215826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	421203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	386051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154220	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139460	61.136	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.280%
35) Dibromofluoromethane	7.634	113	144398	52.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.320%
50) Toluene-d8	10.109	98	517681	49.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.408	95	158475	44.442	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.880%

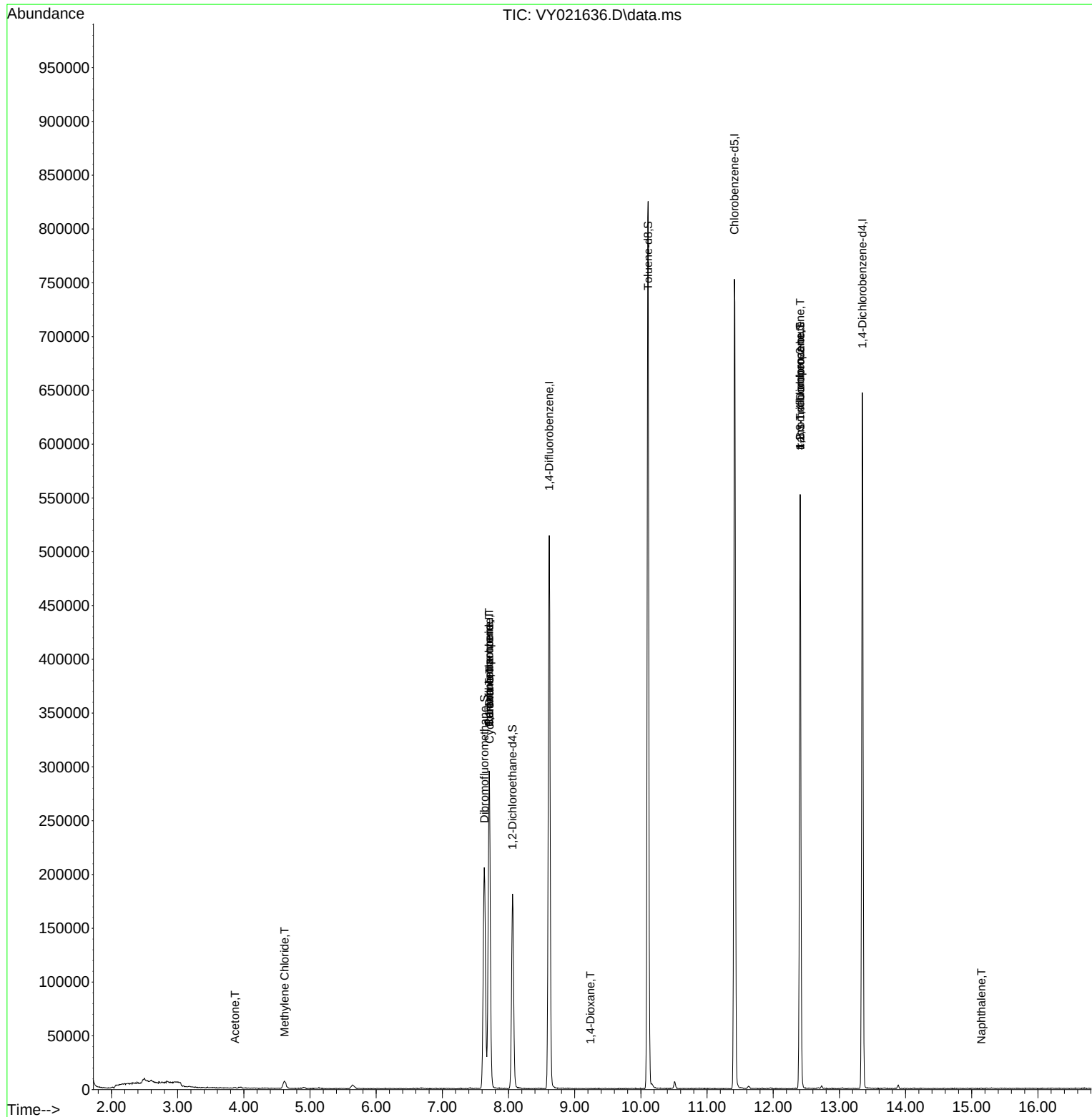
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.074	59	19	Below Cal	#	1
16) Acetone	3.866	43	858	1.724	ug/l #	47
20) Methylene Chloride	4.616	84	4896	1.875	ug/l	87
31) Cyclohexane	7.713	56	4988	1.168	ug/l #	18
36) 1,1-Dichloropropene	7.707	75	17975	4.148	ug/l #	49
38) Carbon Tetrachloride	7.707	117	22741	4.563	ug/l #	17
49) 1,4-Dioxane	9.237	88	19	1.145	ug/l #	22
76) 1,2,3-Trichloropropane	12.408	75	84400	54.310	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	84400	123.463	ug/l #	9
95) Naphthalene	15.145	128	293	1.519	ug/l #	76

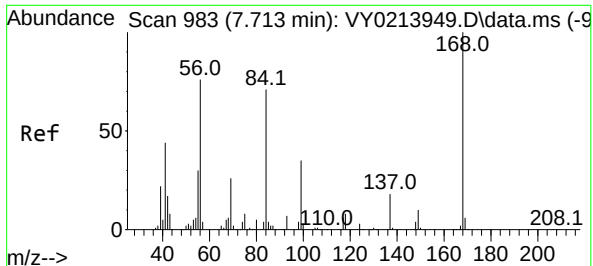
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
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Operator : SY/MD
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Misc : 9.8g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

Quant Time: Mar 26 01:37:12 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

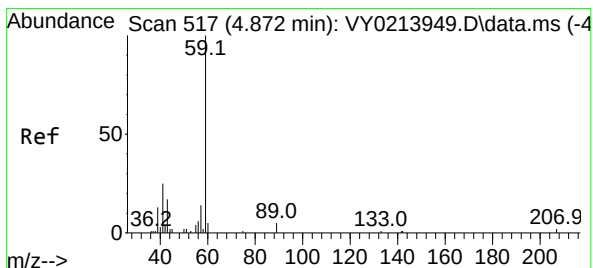
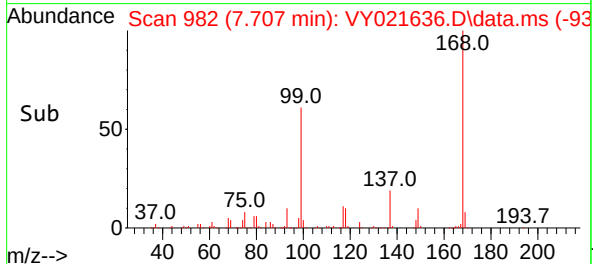
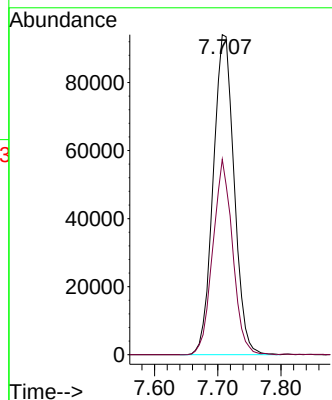
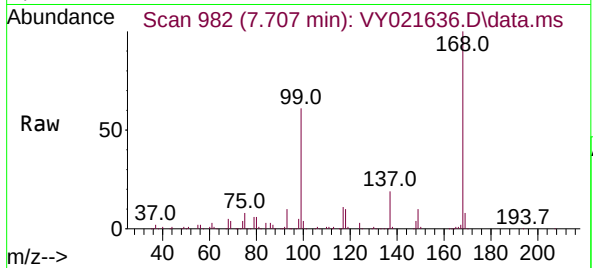




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

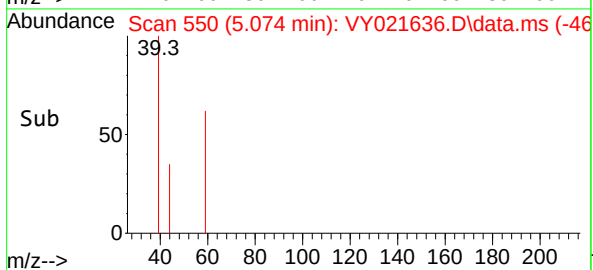
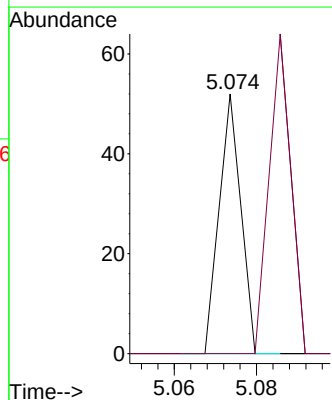
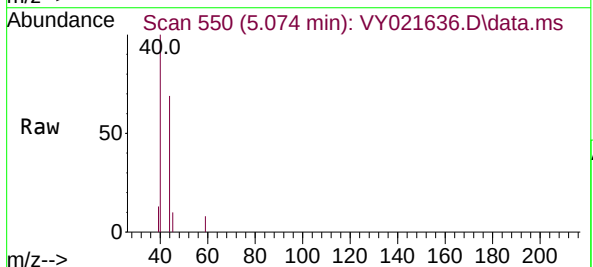
Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

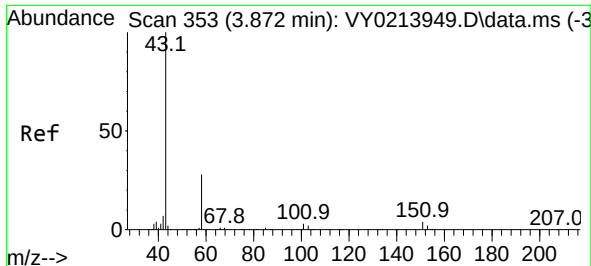
Tgt Ion:168 Resp: 215826
Ion Ratio Lower Upper
168 100
99 61.0 46.0 69.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.074 min Scan# 550
Delta R.T. 0.202 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 121.1 8.2 12.4#

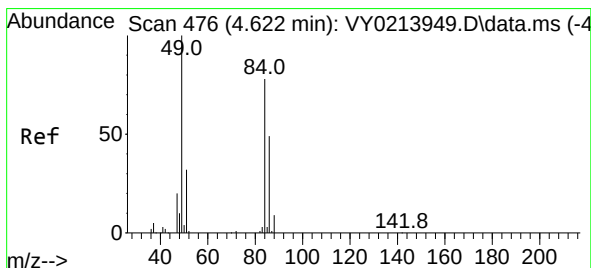
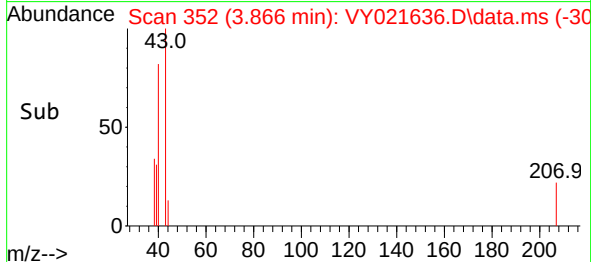
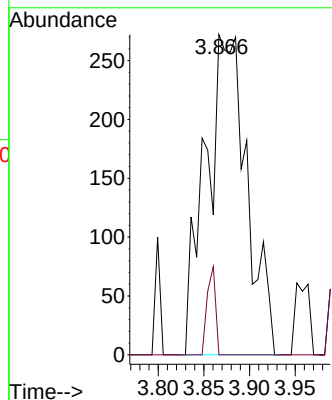
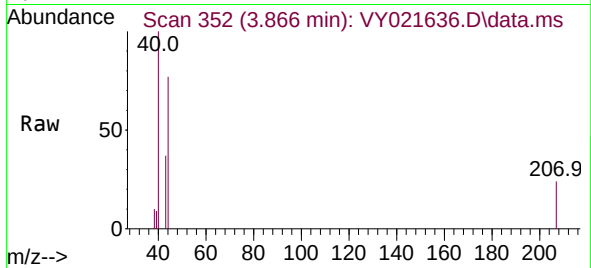




#16
Acetone
Concen: 1.724 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

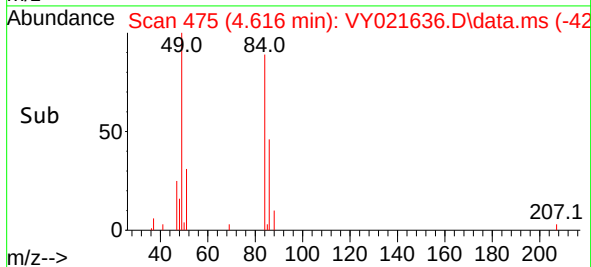
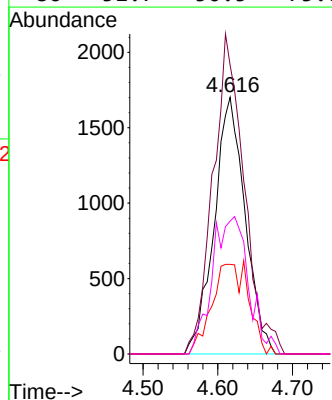
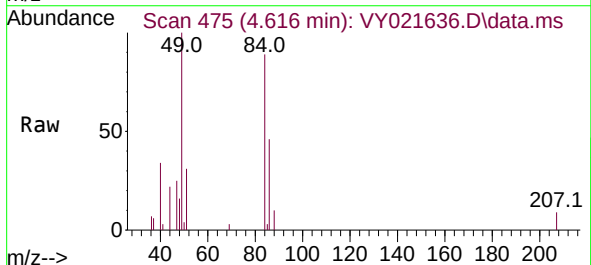
Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

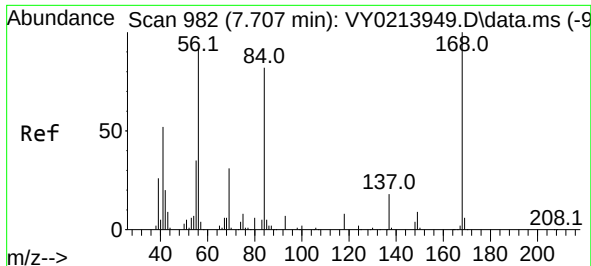
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: 1.875 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

Tgt Ion: 84 Resp: 4896
Ion Ratio Lower Upper
84 100
49 112.5 102.0 153.0
51 34.9 33.0 49.6
86 51.7 50.5 75.7

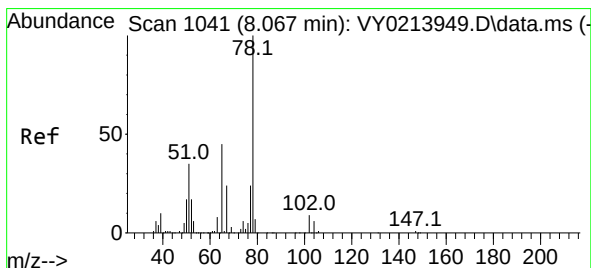
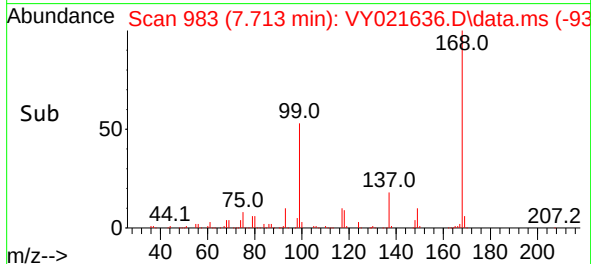
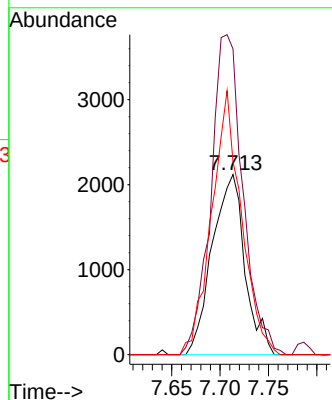
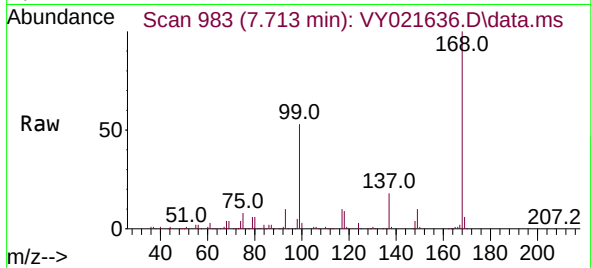




#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

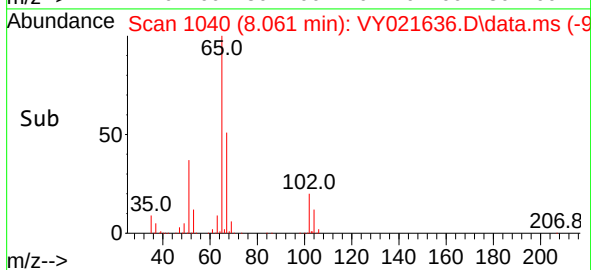
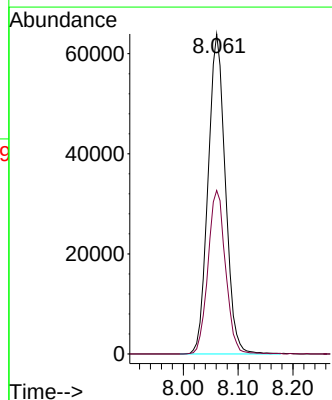
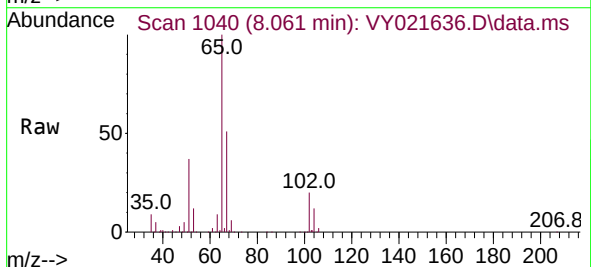
Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

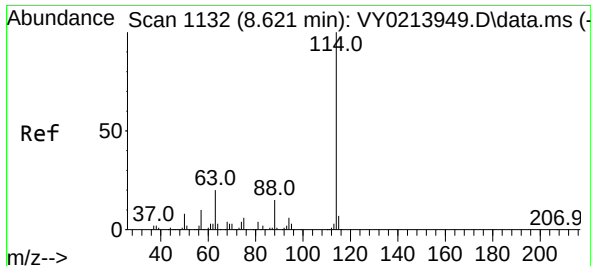
Tgt Ion: 56 Resp: 4988
Ion Ratio Lower Upper
56 100
69 169.7 27.0 40.4#
84 110.8 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 61.136 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

Tgt Ion: 65 Resp: 139460
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.8

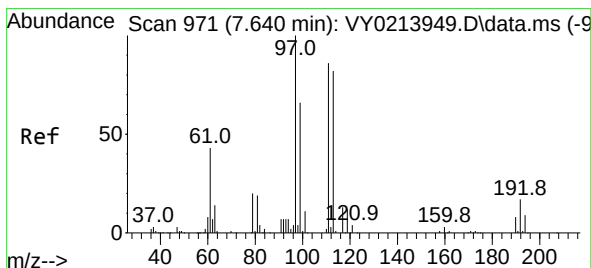
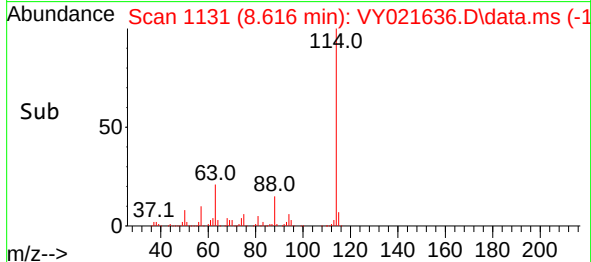
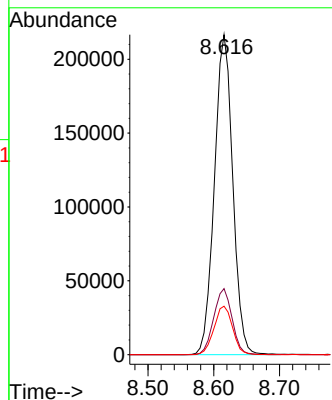
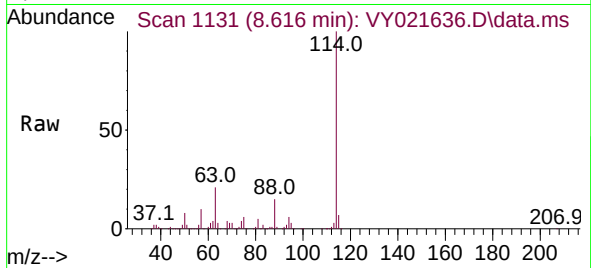




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

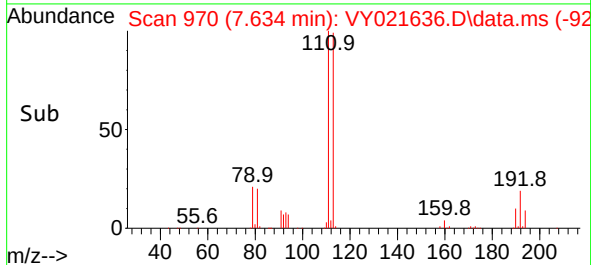
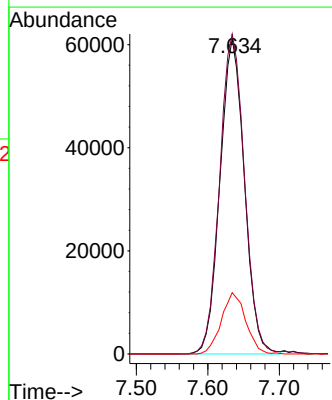
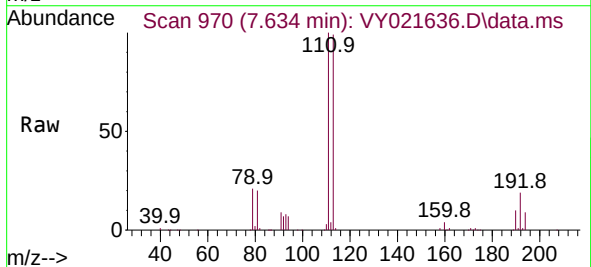
Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

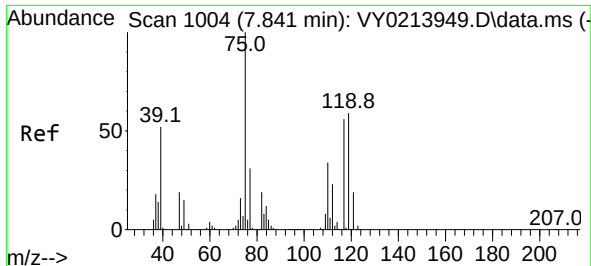
Tgt Ion:114 Resp: 421203
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 52.155 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

Tgt Ion:113 Resp: 144398
Ion Ratio Lower Upper
113 100
111 104.1 82.0 123.0
192 19.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.148 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021636.D

Acq: 25 Mar 2025 15:22

Instrument :

MSVOA_Y

ClientSampleId :

CO-32-1

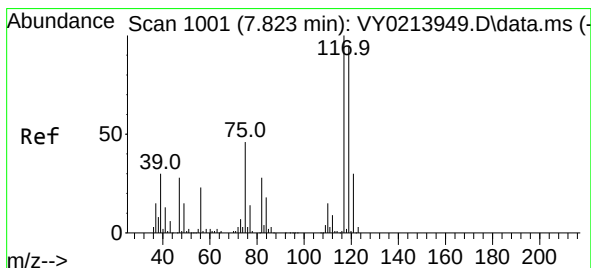
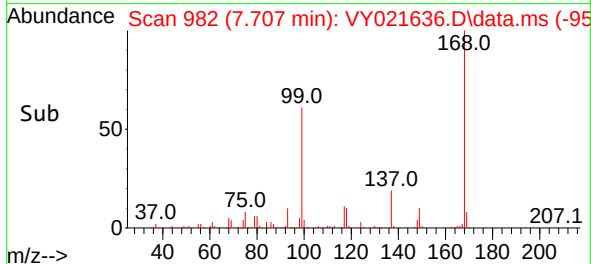
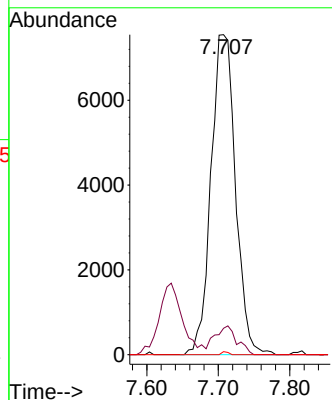
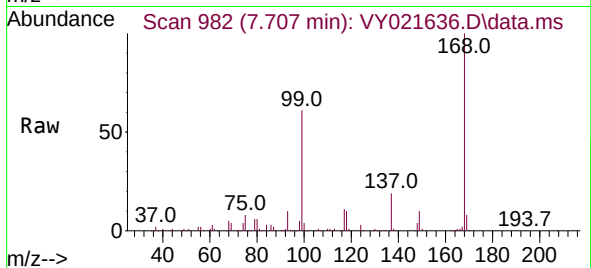
Tgt Ion: 75 Resp: 17975

Ion Ratio Lower Upper

75 100

110 8.1 17.3 51.7#

77 0.3 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 4.563 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021636.D

Acq: 25 Mar 2025 15:22

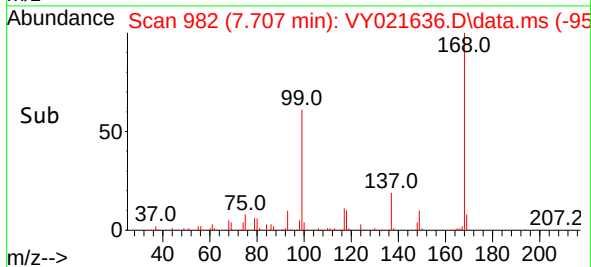
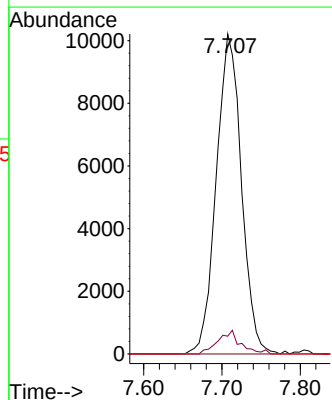
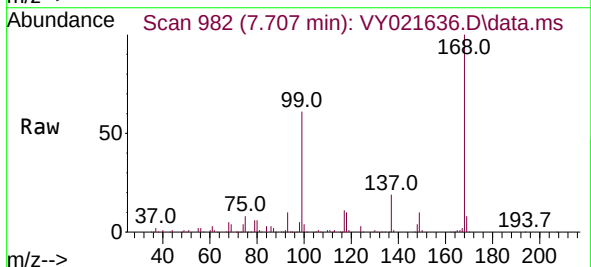
Tgt Ion: 117 Resp: 22741

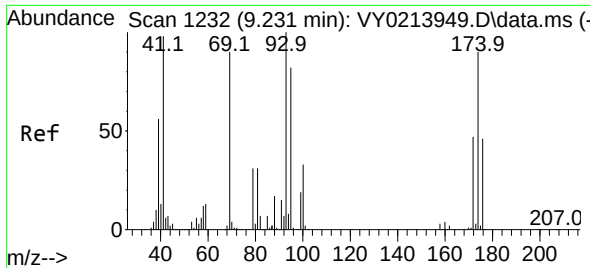
Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.8#

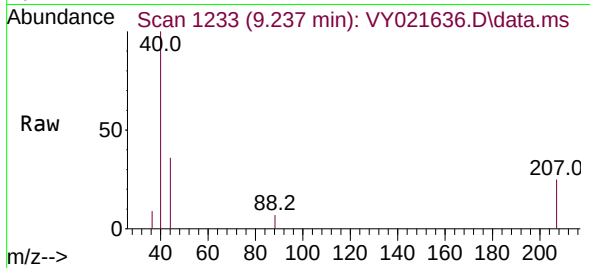
121 0.0 23.9 35.9#



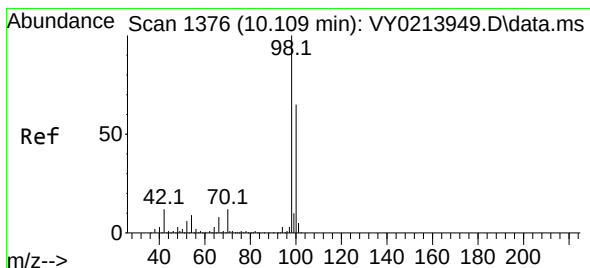
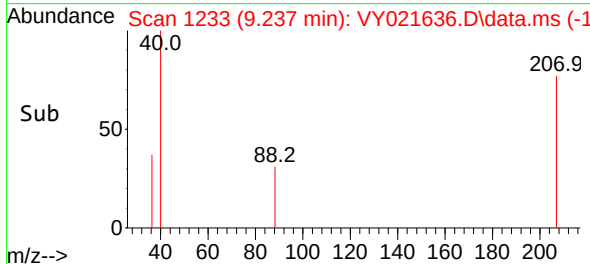
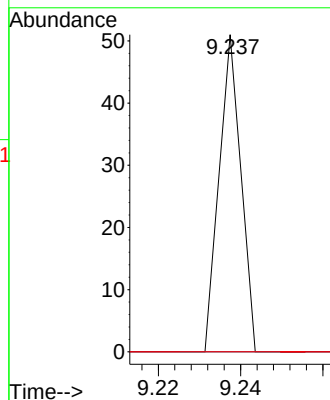


#49
1,4-Dioxane
Concen: 1.145 ug/l
RT: 9.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

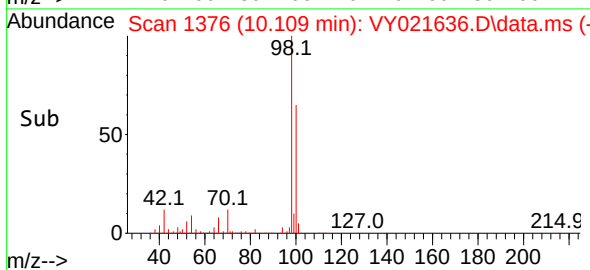
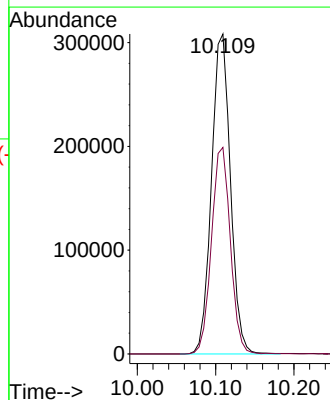
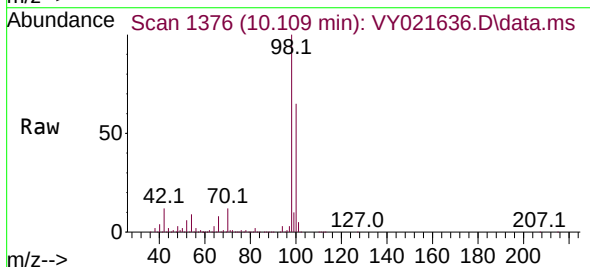


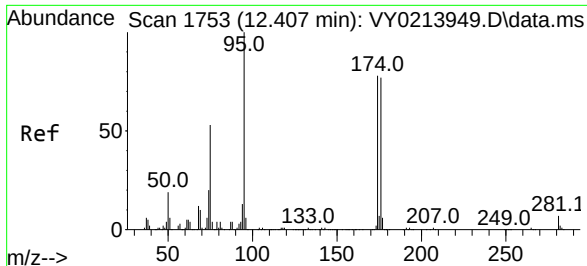
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 25.0 37.4#
58 0.0 58.4 87.6#



#50
Toluene-d8
Concen: 49.383 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

Tgt Ion: 98 Resp: 517681
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

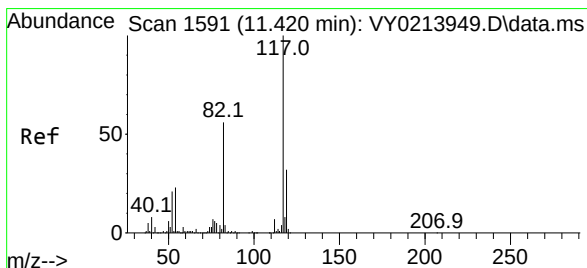
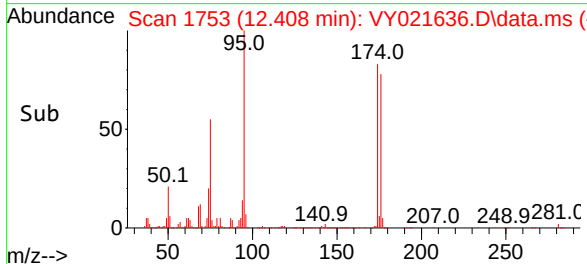
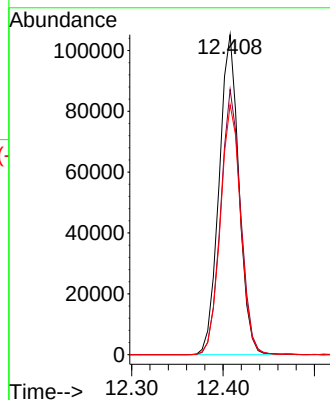
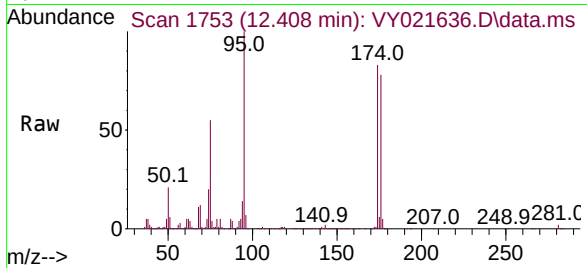




#62
4-Bromofluorobenzene
Concen: 44.442 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

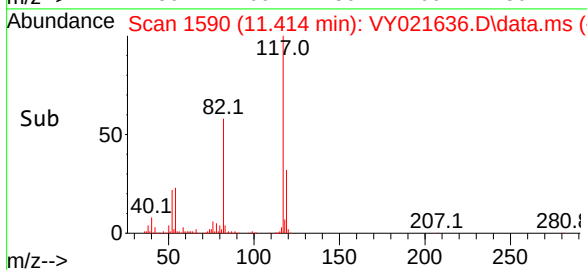
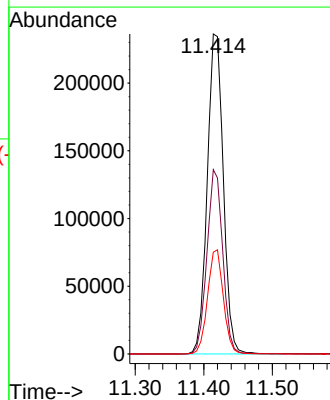
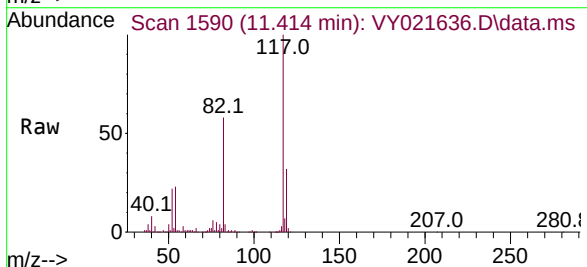
Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

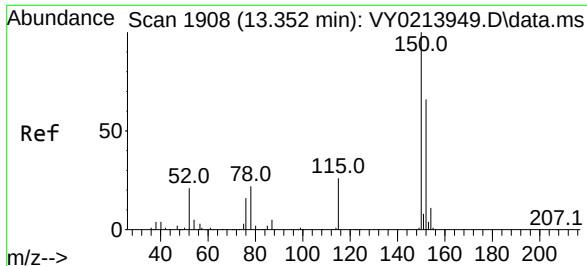
Tgt Ion: 95 Resp: 158475
Ion Ratio Lower Upper
95 100
174 83.6 0.0 165.0
176 80.1 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

Tgt Ion: 117 Resp: 386051
Ion Ratio Lower Upper
117 100
82 57.6 44.6 67.0
119 31.8 25.4 38.0

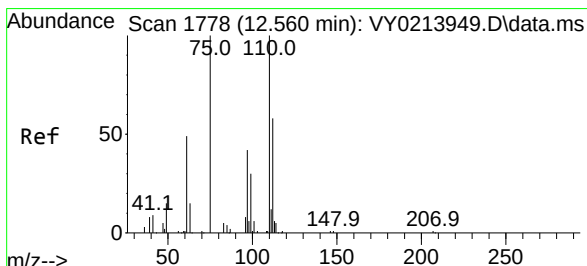
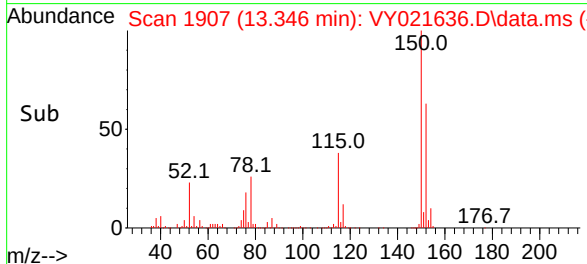
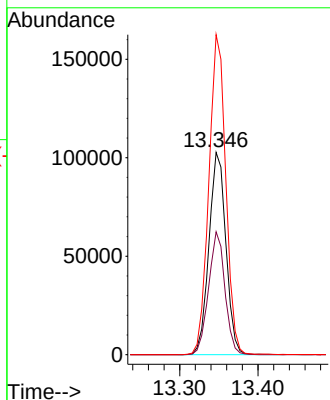
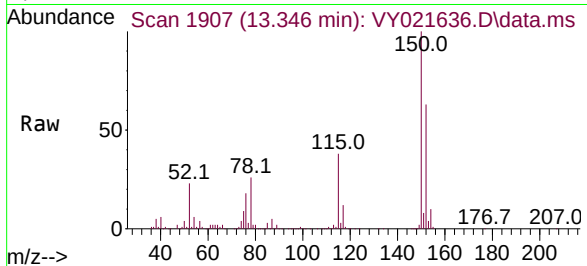




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY021636.D
 Acq: 25 Mar 2025 15:22

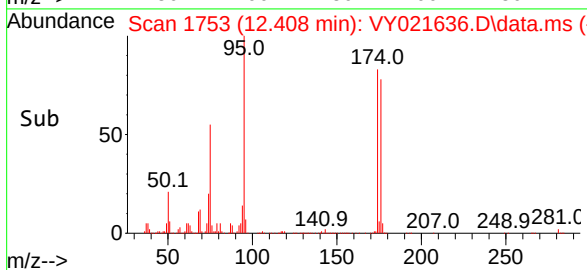
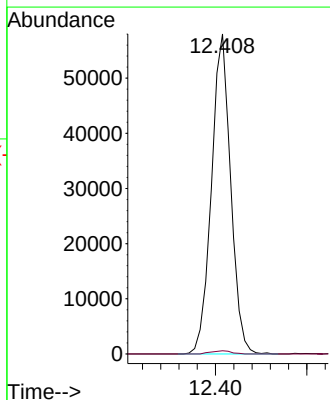
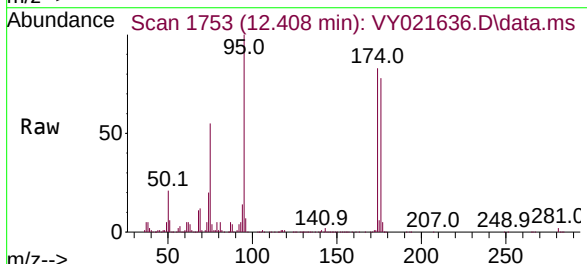
Instrument :
 MSVOA_Y
 ClientSampleId :
 CO-32-1

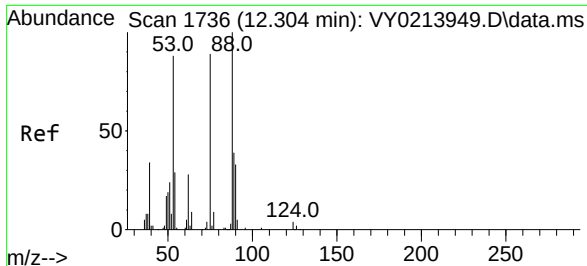
Tgt Ion:152 Resp: 154220
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.0 87.0
 150 158.1 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 54.310 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021636.D
 Acq: 25 Mar 2025 15:22

Tgt Ion: 75 Resp: 84400
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

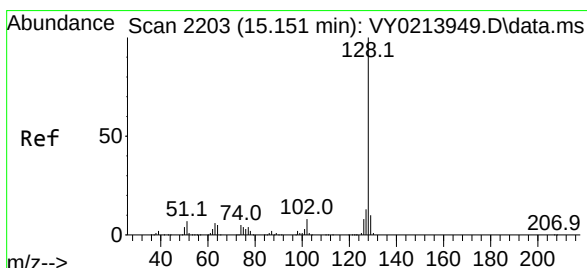
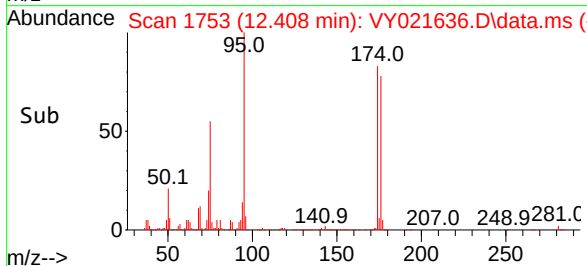
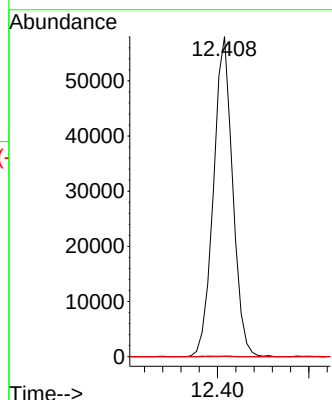
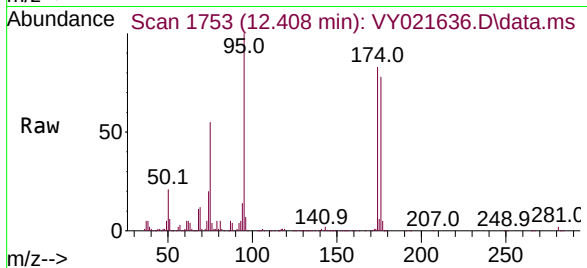




#81
trans-1,4-Dichloro-2-butene
Concen: 123.463 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

Instrument :
MSVOA_Y
ClientSampleId :
CO-32-1

Tgt Ion: 75 Resp: 84400
Ion Ratio Lower Upper
75 100
53 0.2 81.0 121.4#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.519 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021636.D
Acq: 25 Mar 2025 15:22

Tgt Ion: 128 Resp: 293
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 6.1 8.6 13.0#

