

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
 Data File : VY020970.D
 Acq On : 29 Jan 2025 17:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 30 00:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	181674	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	309941	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.414	117	279348	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	114838	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95488	65.922	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.840%
35) Dibromofluoromethane	7.634	113	101825	57.227	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.460%
50) Toluene-d8	10.103	98	368400	53.379	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.408	95	116677	50.797	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	101.600%

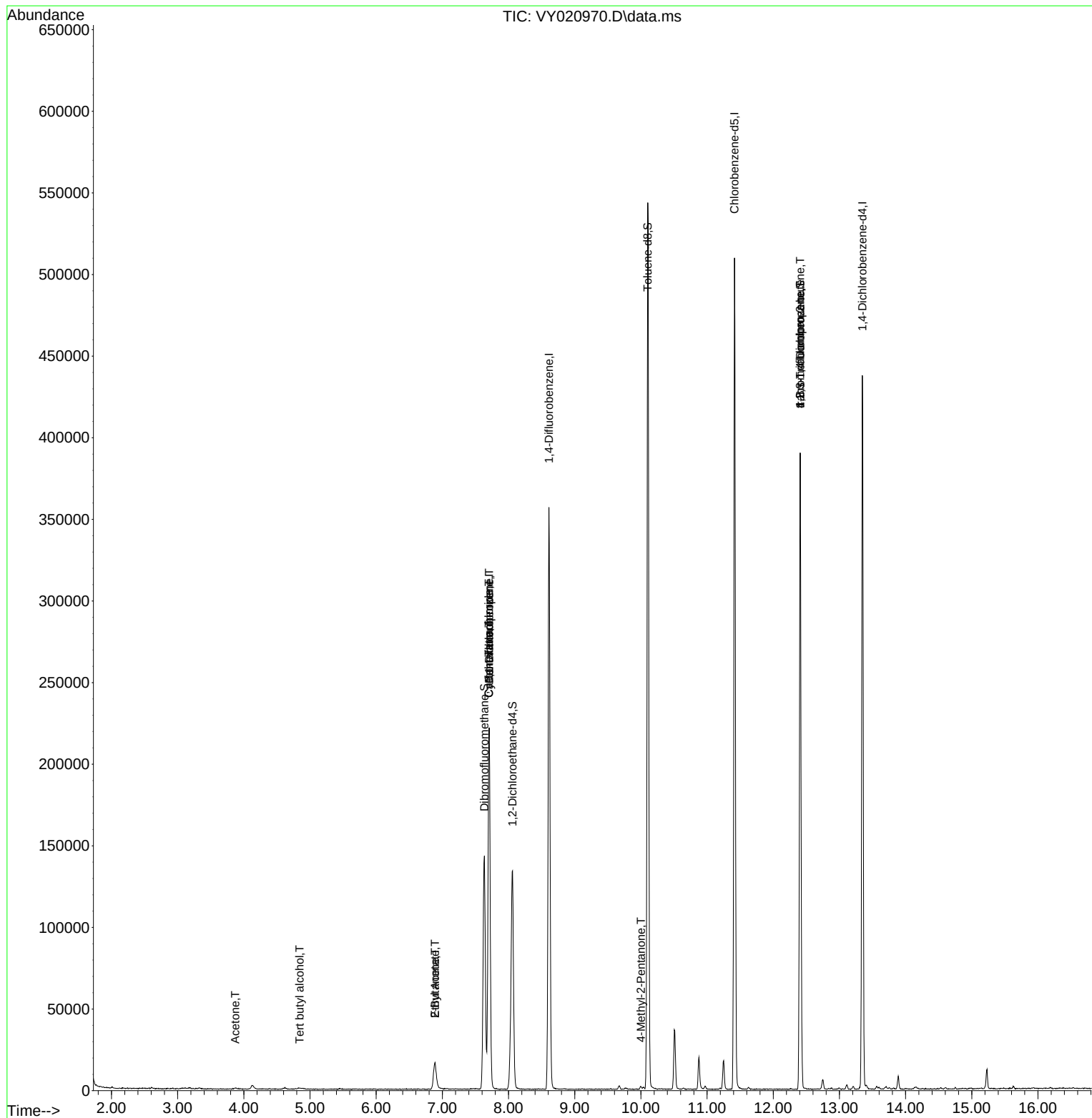
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.842	59	989	8.845	ug/l	# 74
16) Acetone	3.873	43	1044	5.320	ug/l	# 87
25) 2-Butanone	6.890	43	1028	3.092	ug/l	# 42
31) Cyclohexane	7.701	56	2931	1.136	ug/l	# 1
36) 1,1-Dichloropropene	7.707	75	12749	5.132	ug/l	# 49
37) Ethyl Acetate	6.890	43	1028	1.067	ug/l	# 1
38) Carbon Tetrachloride	7.701	117	17015	5.679	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.000	43	1377	1.494	ug/l	92
76) 1,2,3-Trichloropropane	12.408	75	59001	72.666	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	59001	140.390	ug/l	# 15

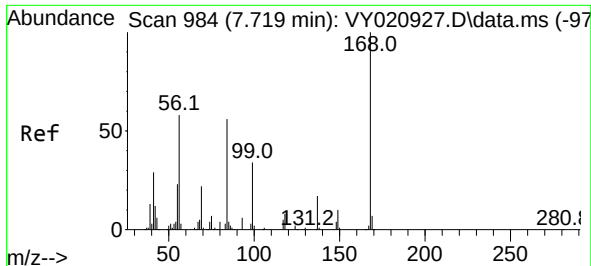
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 30 00:37:21 2025
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Quant Title : SW846 8260
QLast Update : Sat Jan 25 01:12:18 2025
Response via : Initial Calibration

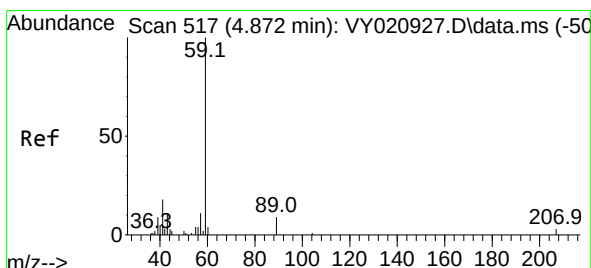
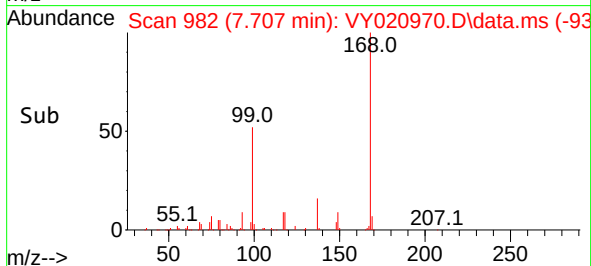
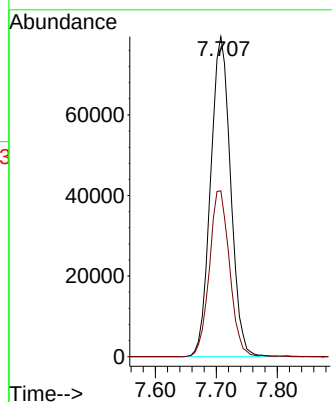
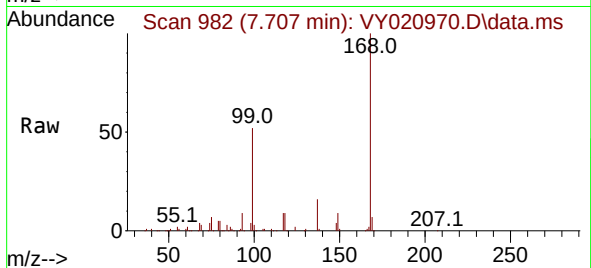




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

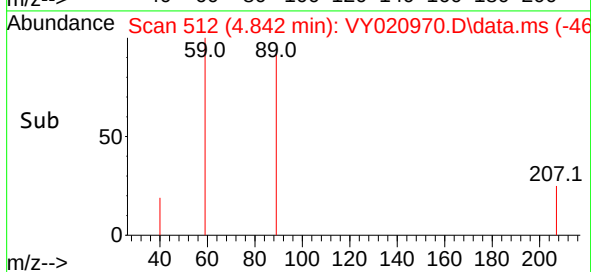
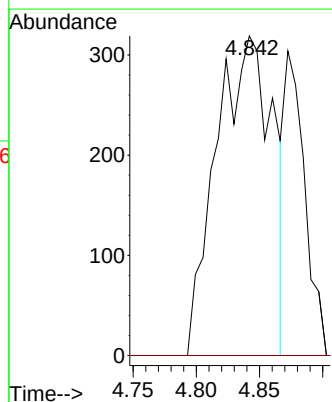
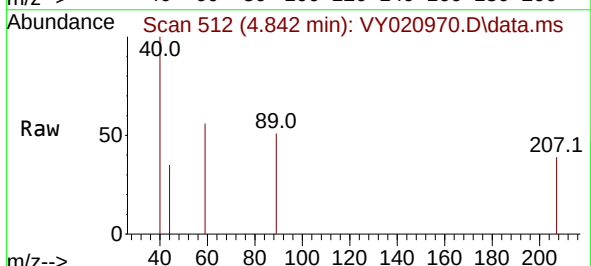
Instrument :
MSVOA_Y
ClientSampleId :

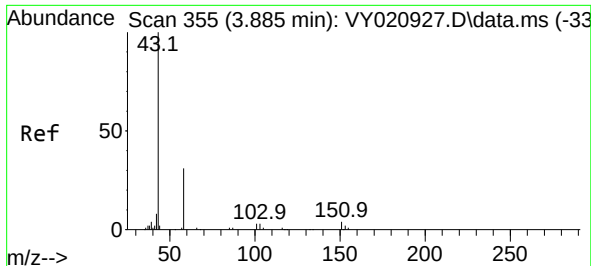
Tgt Ion:168 Resp: 181674
Ion Ratio Lower Upper
168 100
99 51.9 43.0 64.6



#11
Tert butyl alcohol
Concen: 8.845 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

Tgt Ion: 59 Resp: 989
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

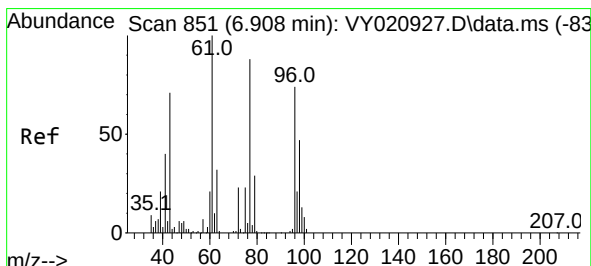
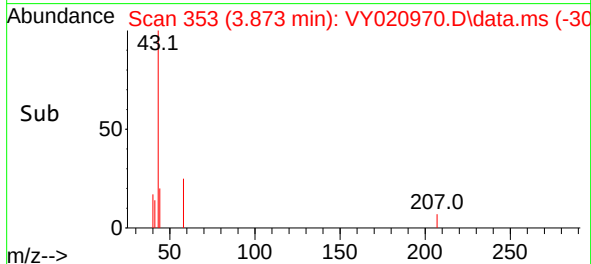
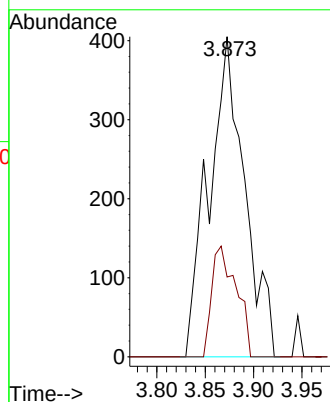
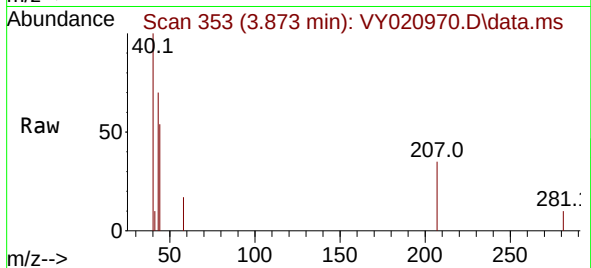




#16
Acetone
Concen: 5.320 ug/l
RT: 3.873 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

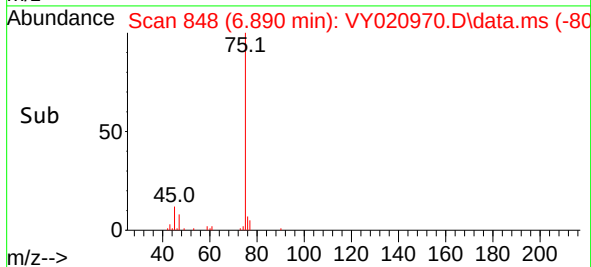
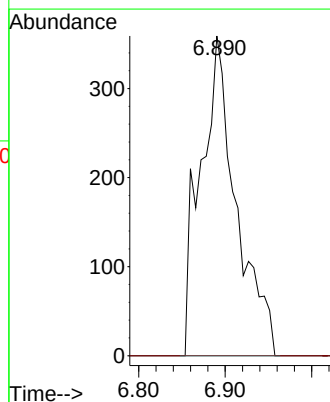
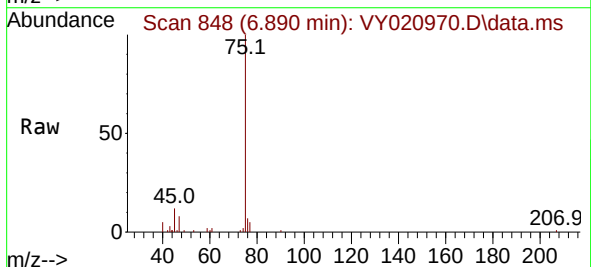
Instrument :
MSVOA_Y
ClientSampleId :

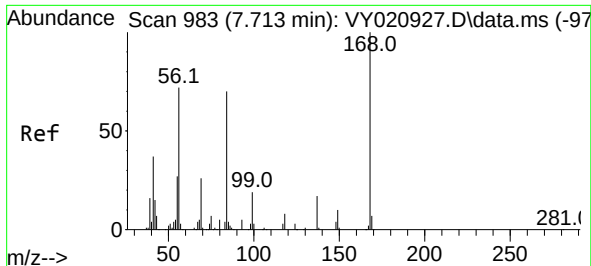
Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
58 24.9 25.6 38.4#



#25
2-Butanone
Concen: 3.092 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.018 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

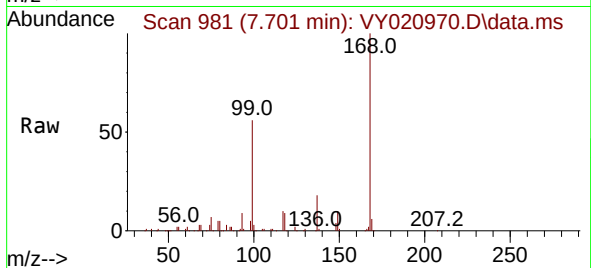
Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



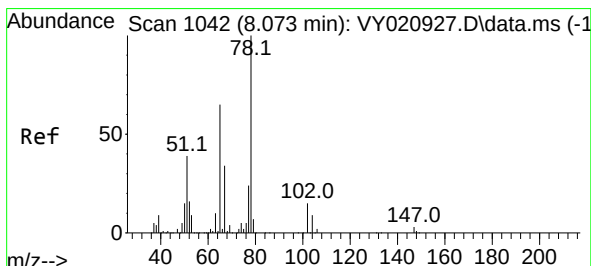
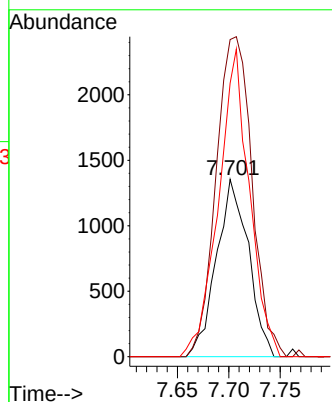
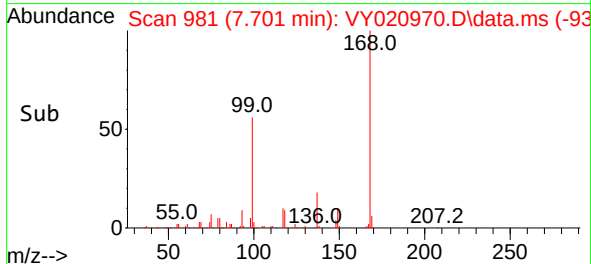


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

Instrument :
MSVOA_Y
ClientSampleId :

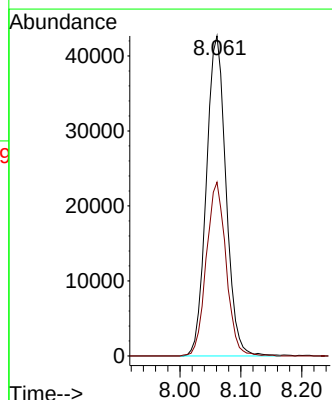
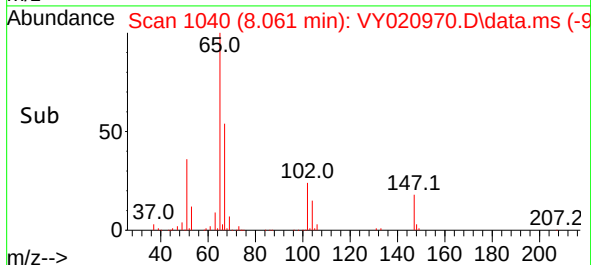
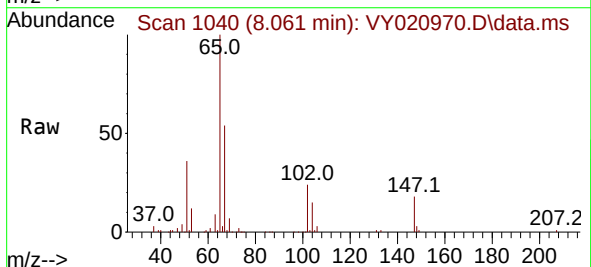


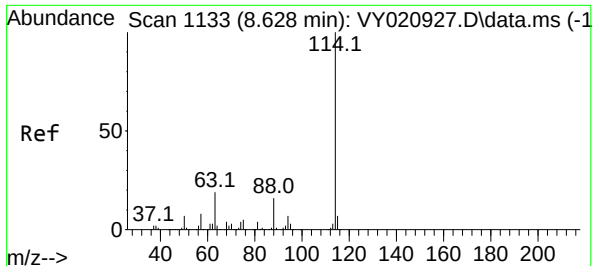
Tgt Ion: 56 Resp: 2931
Ion Ratio Lower Upper
56 100
69 178.9 28.7 43.1#
84 154.3 77.4 116.0#



#33
1,2-Dichloroethane-d4
Concen: 65.922 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

Tgt Ion: 65 Resp: 95488
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.8

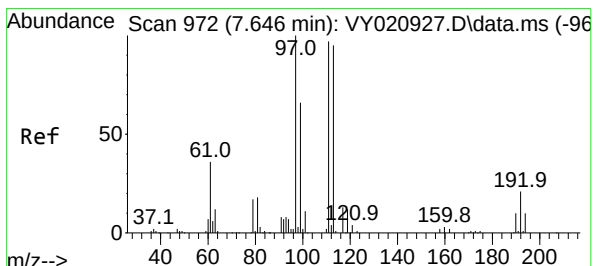
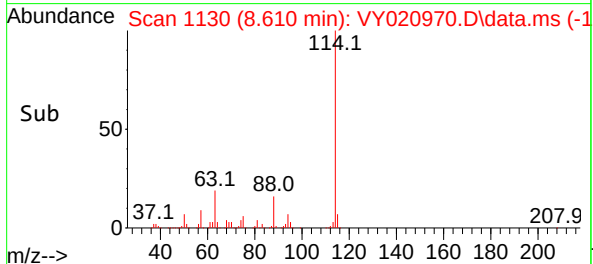
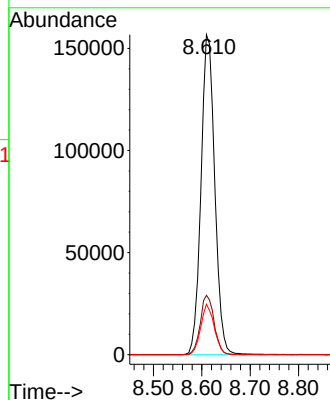
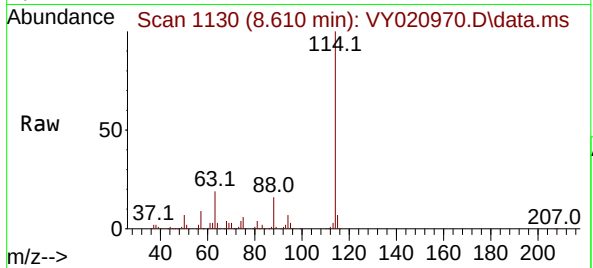




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1133
Delta R.T. -0.018 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

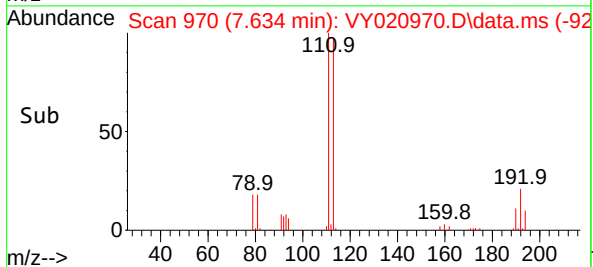
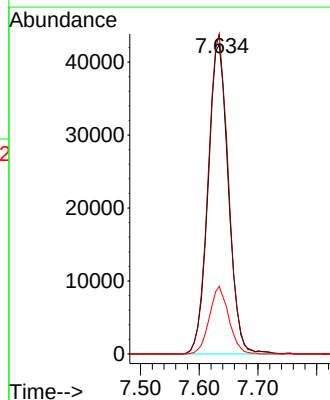
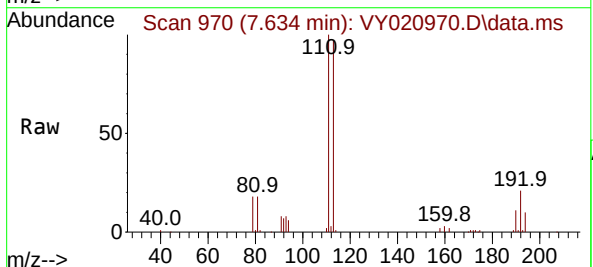
Instrument :
MSVOA_Y
ClientSampleId :

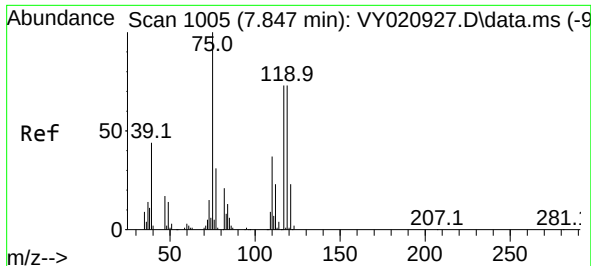
Tgt Ion:114 Resp: 309941
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 57.227 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

Tgt Ion:113 Resp: 101825
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 20.9 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.132 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY020970.D

Acq: 29 Jan 2025 17:28

Instrument :

MSVOA_Y

ClientSampleId :

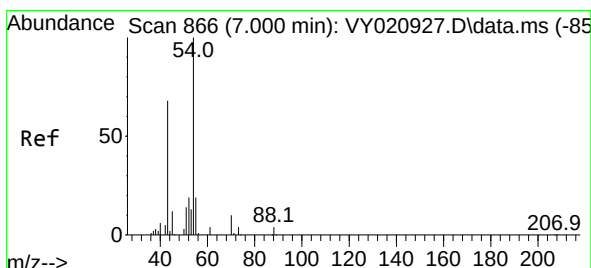
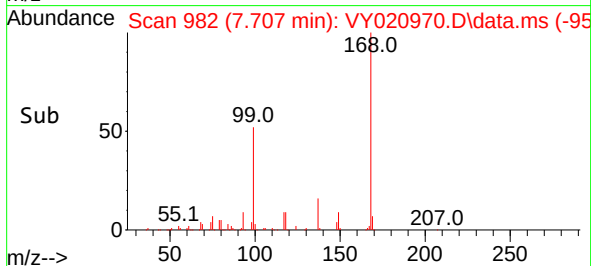
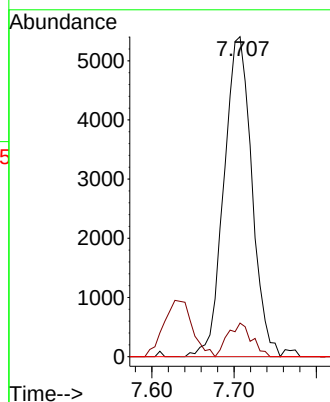
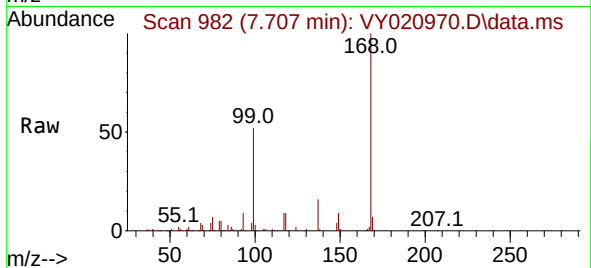
Tgt Ion: 75 Resp: 12749

Ion Ratio Lower Upper

75 100

110 9.0 18.5 55.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.067 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.109 min

Lab File: VY020970.D

Acq: 29 Jan 2025 17:28

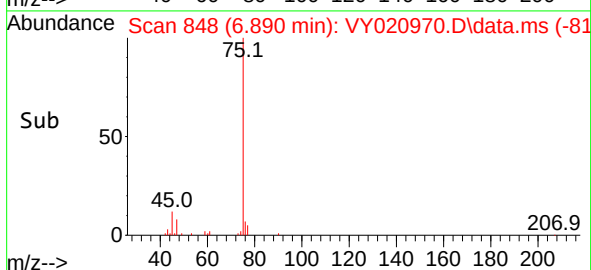
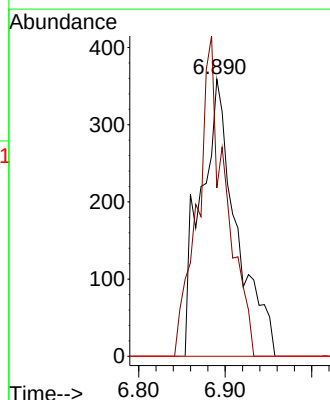
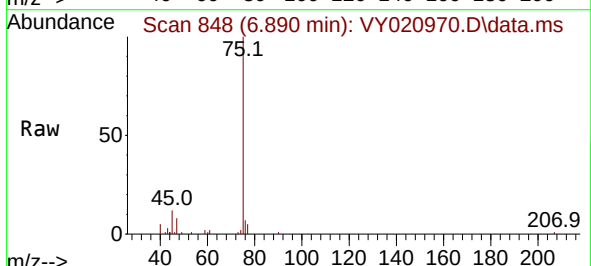
Tgt Ion: 43 Resp: 1028

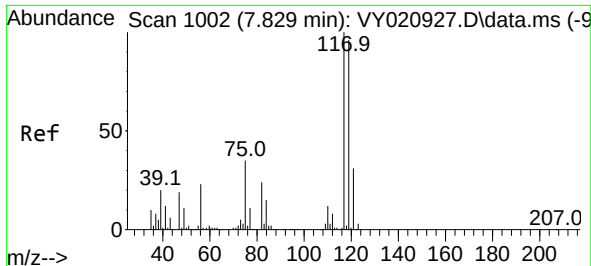
Ion Ratio Lower Upper

43 100

61 90.6 12.1 18.1#

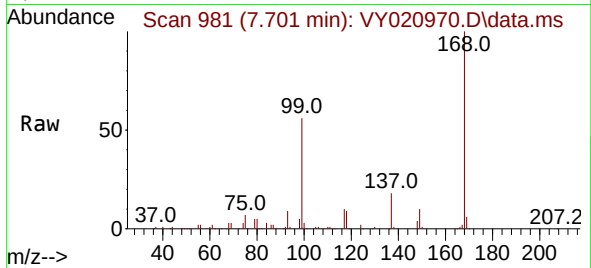
70 0.0 9.5 14.3#



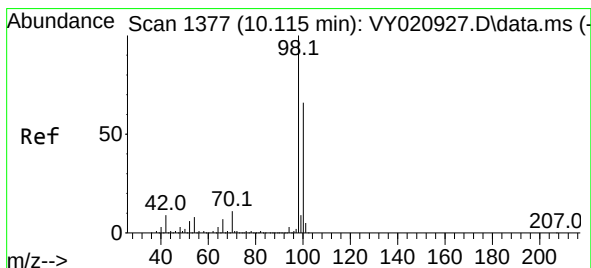
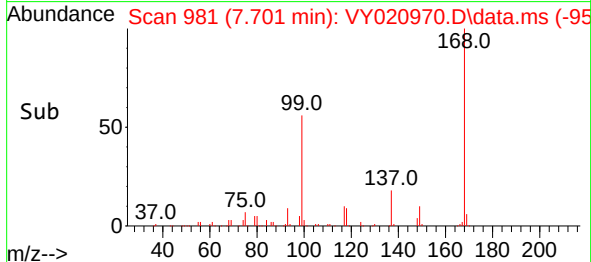
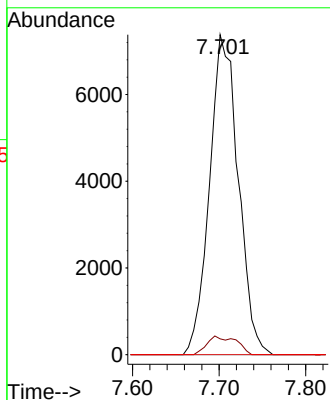


#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

Instrument :
MSVOA_Y
ClientSampleId :

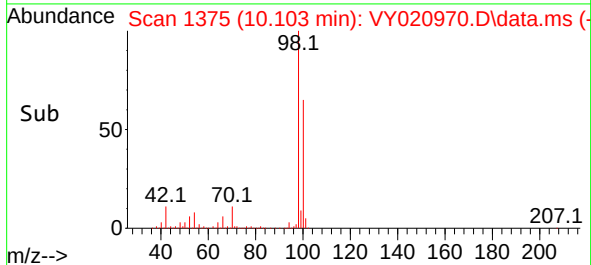
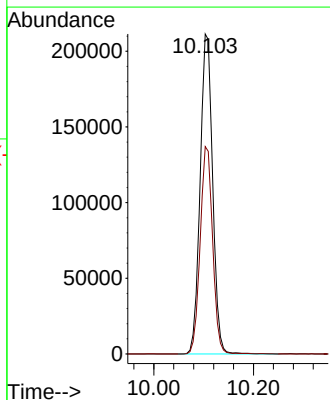
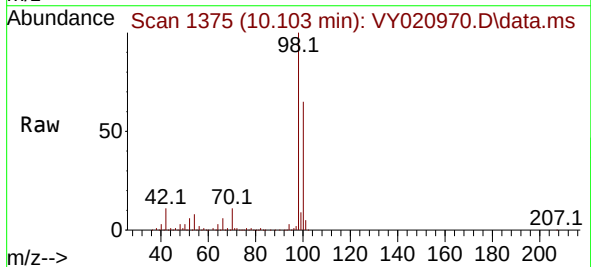


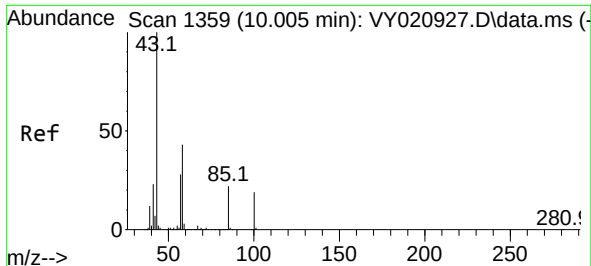
Tgt Ion:117 Resp: 17015
Ion Ratio Lower Upper
117 100
119 4.9 76.5 114.7#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 53.379 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.012 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

Tgt Ion: 98 Resp: 368400
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

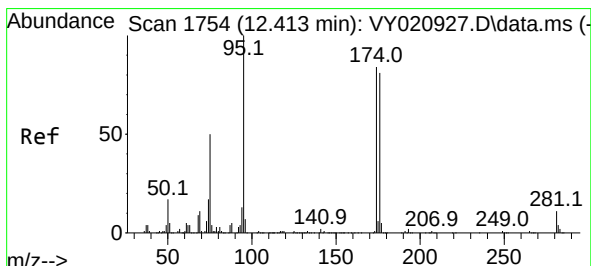
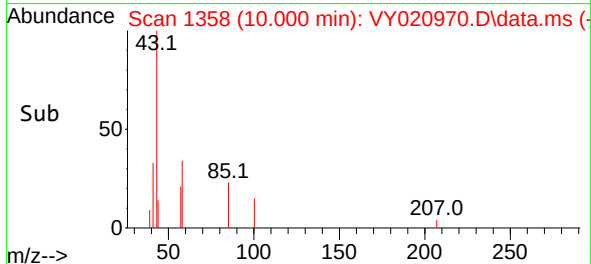
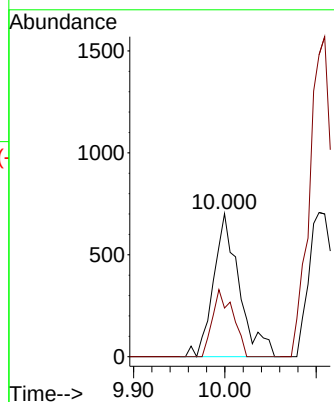
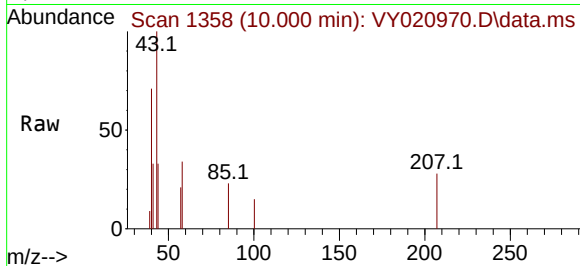




#51
4-Methyl-2-Pentanone
Concen: 1.494 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

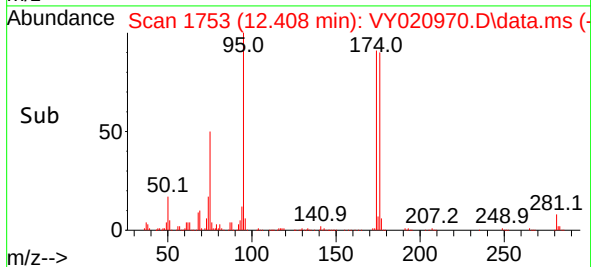
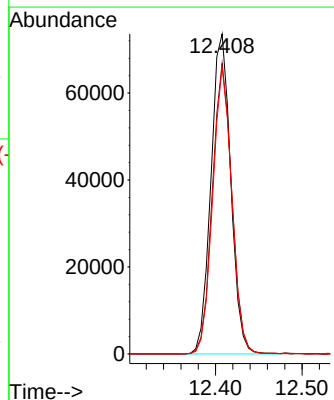
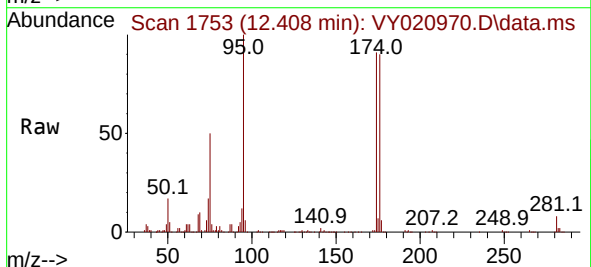
Instrument :
MSVOA_Y
ClientSampleId :

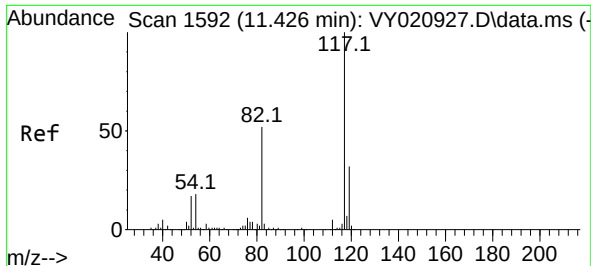
Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 37.3 33.7 50.5



#62
4-Bromofluorobenzene
Concen: 50.797 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

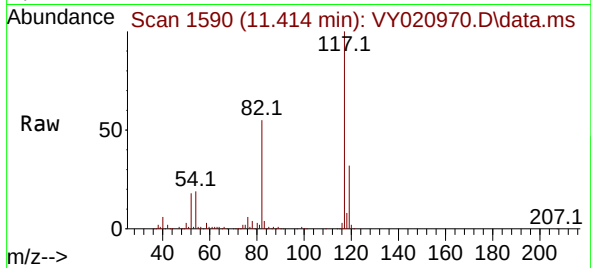
Tgt Ion: 95 Resp: 116677
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.4
176 86.8 0.0 172.2



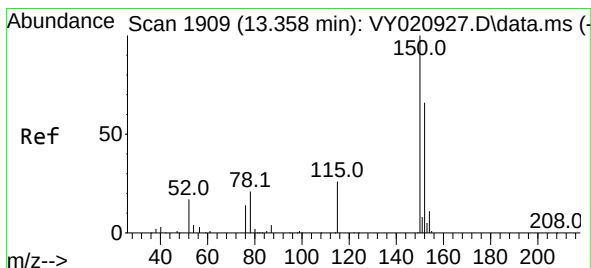
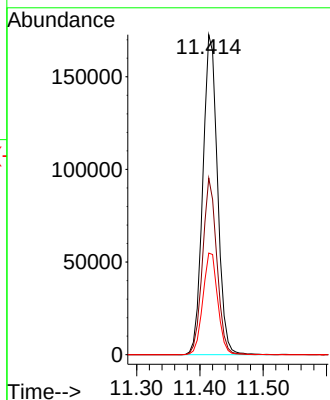
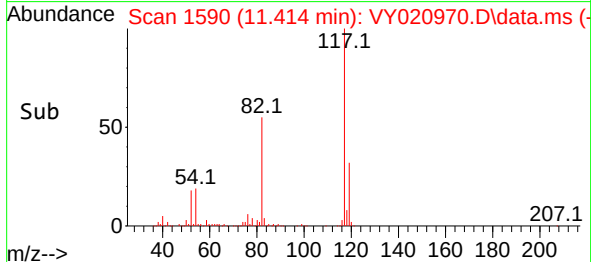


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

Instrument :
MSVOA_Y
ClientSampleId :

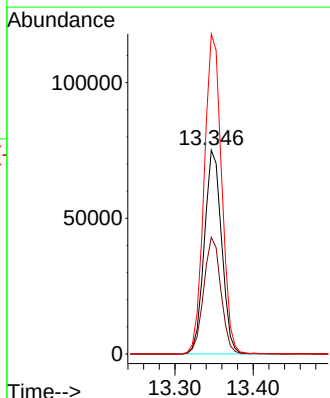
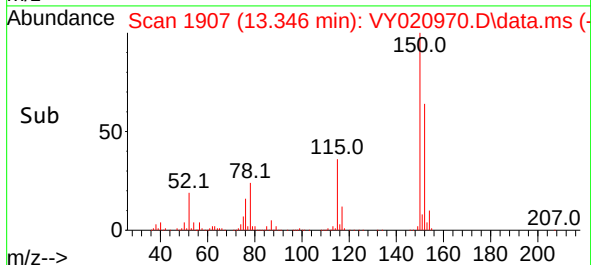
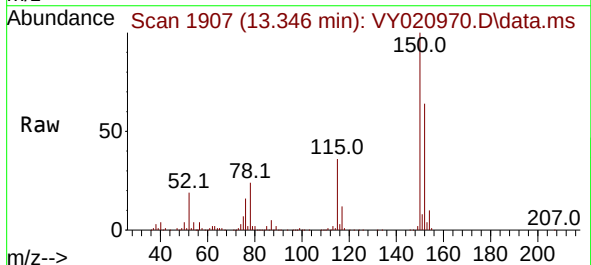


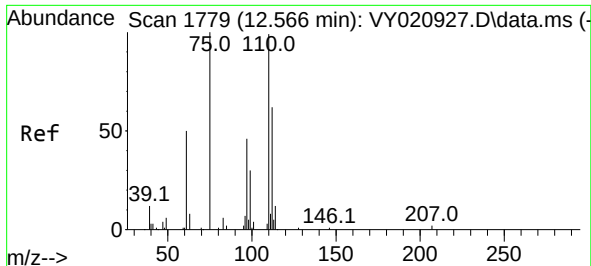
Tgt Ion:117 Resp: 279348
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.012 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

Tgt Ion:152 Resp: 114838
Ion Ratio Lower Upper
152 100
115 57.3 29.0 87.0
150 158.5 0.0 347.6

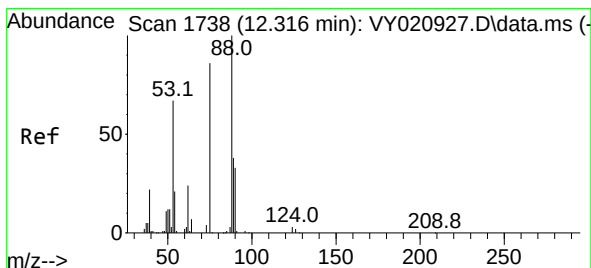
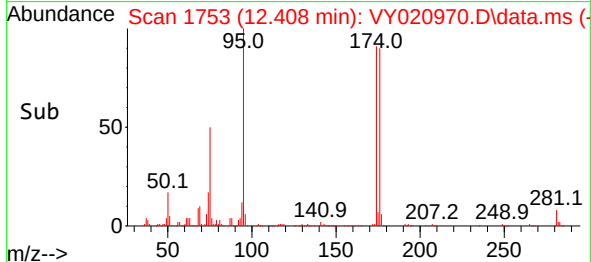
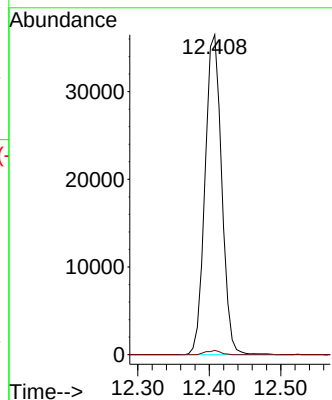
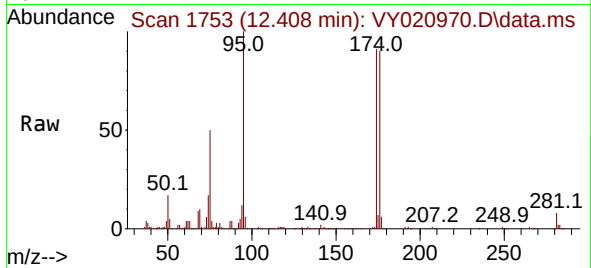




#76
1,2,3-Trichloropropane
Concen: 72.666 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.158 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 59001
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.390 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.092 min
Lab File: VY020970.D
Acq: 29 Jan 2025 17:28

Tgt Ion: 75 Resp: 59001
Ion Ratio Lower Upper
75 100
53 0.0 67.7 101.5#
89 0.1 38.4 57.6#

