

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
 Data File : VY020966.D
 Acq On : 29 Jan 2025 14:10
 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 00:35:47 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	7.713	168	186596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	323238	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	284995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	111934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	96054	64.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.120%	
35) Dibromofluoromethane	7.634	113	104908	56.534	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.060%	
50) Toluene-d8	10.109	98	379743	52.759	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.408	95	115723	48.309	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.620%	

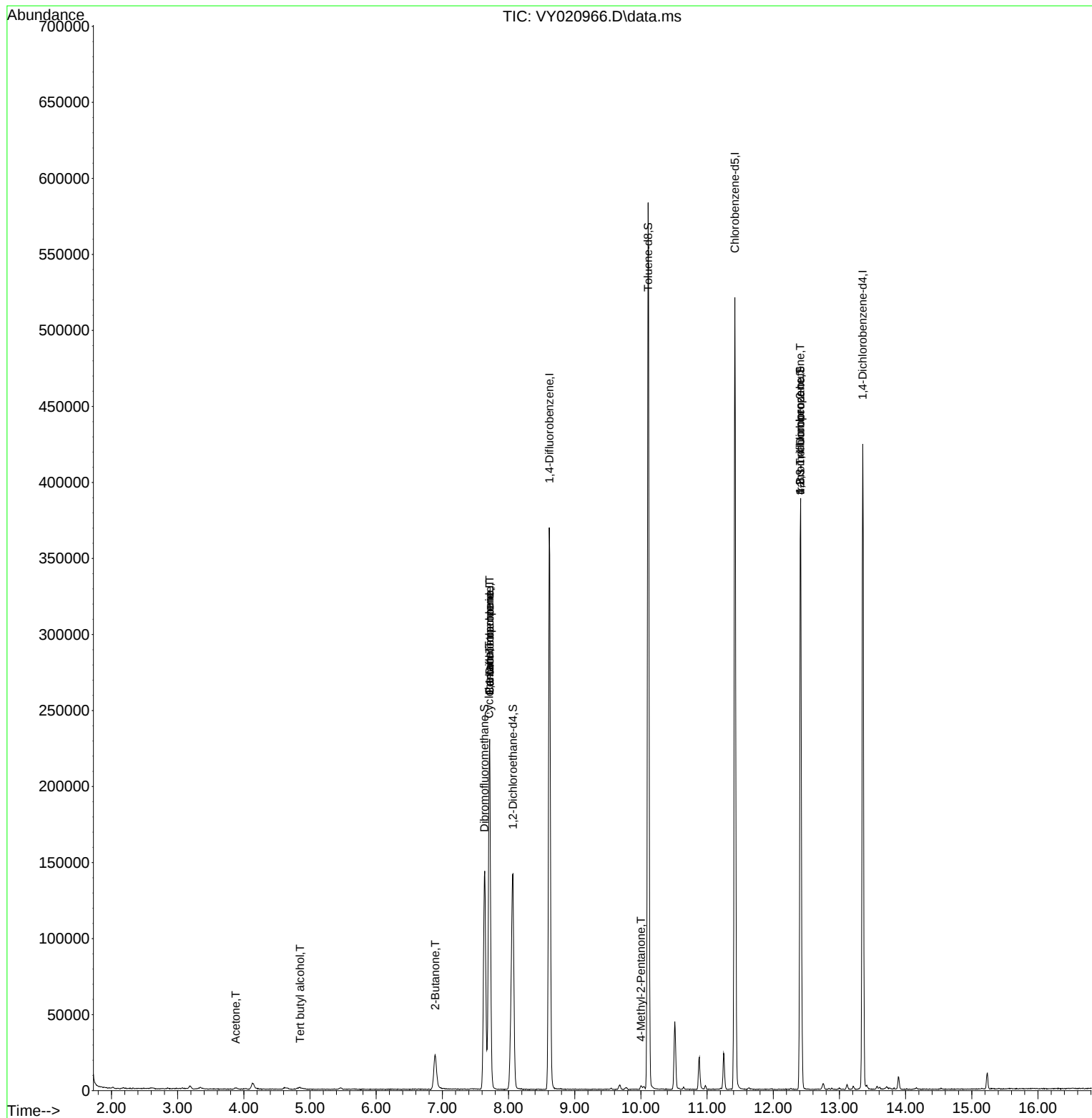
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.848	59	1219	10.614	ug/l #	74
16) Acetone	3.879	43	1672	8.295	ug/l	94
25) 2-Butanone	6.890	43	1286	3.766	ug/l #	78
31) Cyclohexane	7.707	56	3141	1.186	ug/l #	7
36) 1,1-Dichloropropene	7.713	75	13182	5.088	ug/l #	49
38) Carbon Tetrachloride	7.713	117	18345	5.871	ug/l #	15
51) 4-Methyl-2-Pentanone	10.000	43	1717	1.786	ug/l	98
76) 1,2,3-Trichloropropane	12.408	75	58313	73.682	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	58313	142.353	ug/l #	15

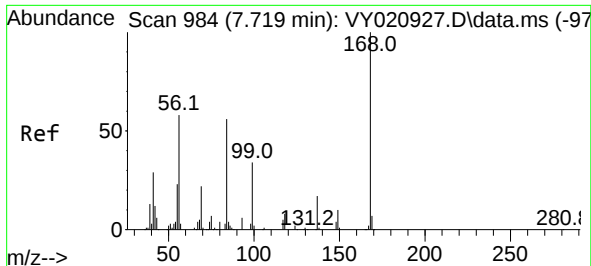
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 30 00:35:47 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

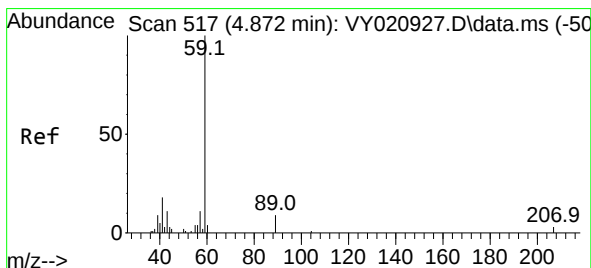
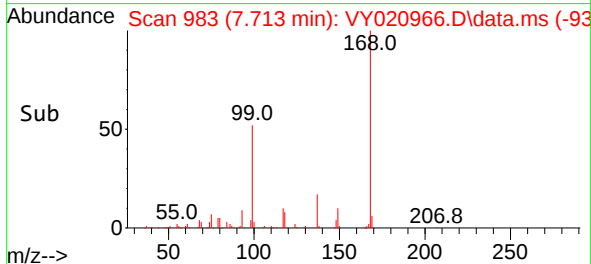
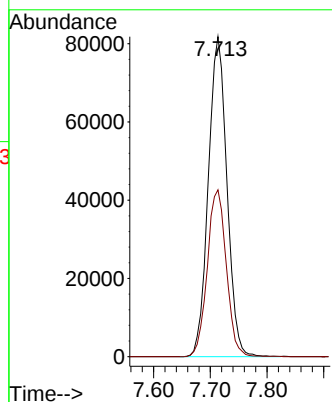
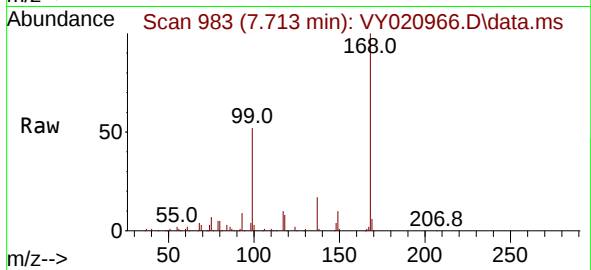




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

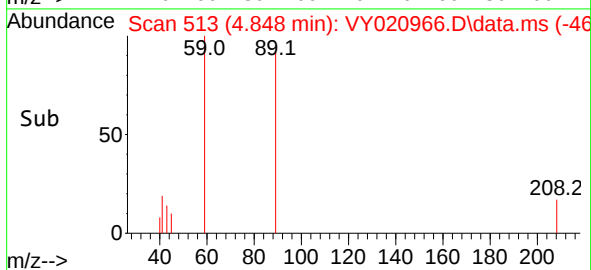
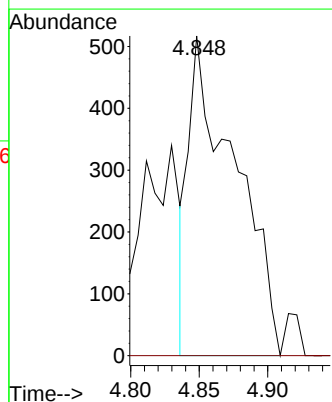
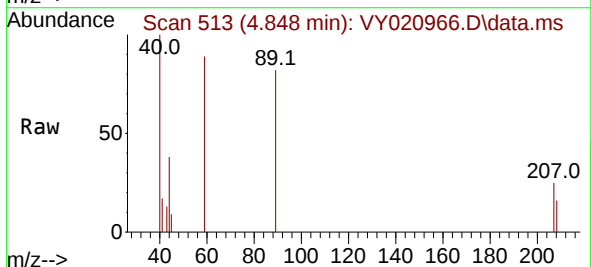
Instrument :
MSVOA_Y
ClientSampleId :

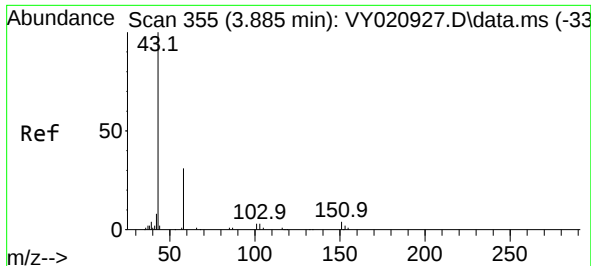
Tgt Ion:168 Resp: 186596
Ion Ratio Lower Upper
168 100
99 52.2 43.0 64.6



#11
Tert butyl alcohol
Concen: 10.614 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

Tgt Ion: 59 Resp: 1219
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

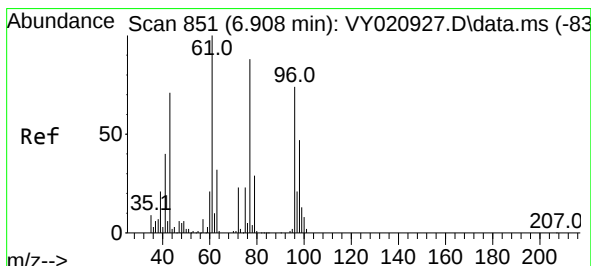
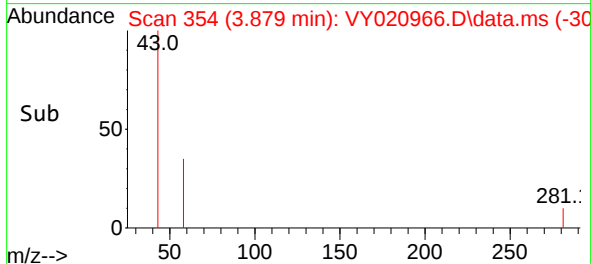
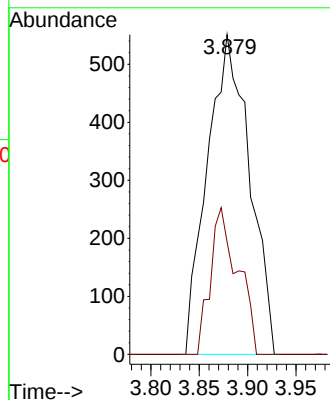
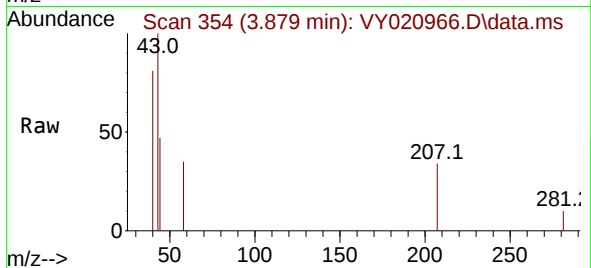




#16
Acetone
Concen: 8.295 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

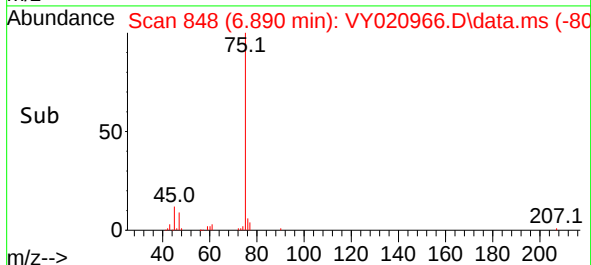
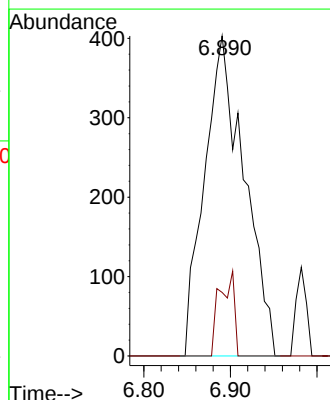
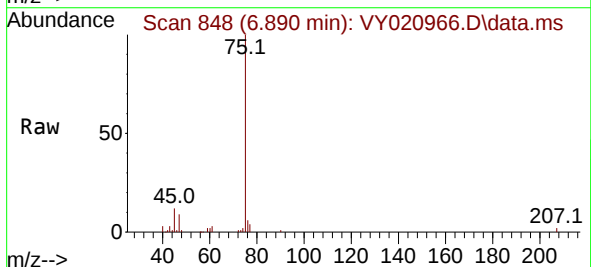
Instrument :
MSVOA_Y
ClientSampleId :

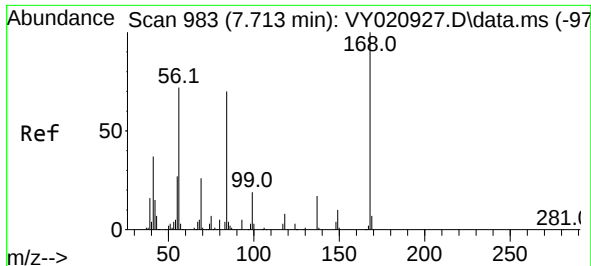
Tgt Ion: 43 Resp: 1672
Ion Ratio Lower Upper
43 100
58 35.2 25.6 38.4



#25
2-Butanone
Concen: 3.766 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.018 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

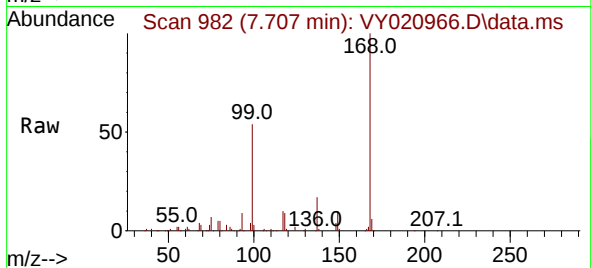
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
72 19.9 25.8 38.8#



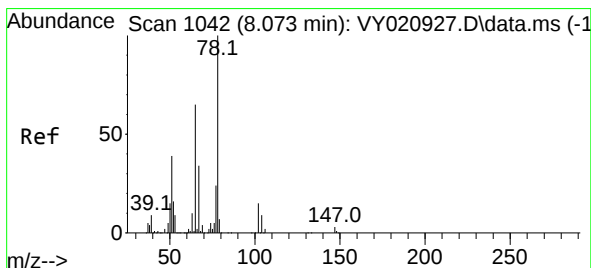
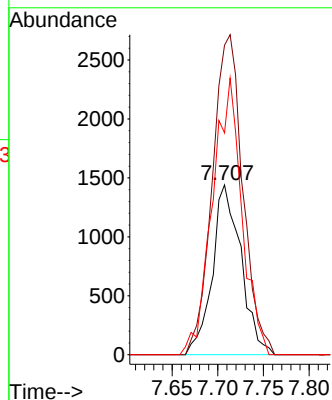
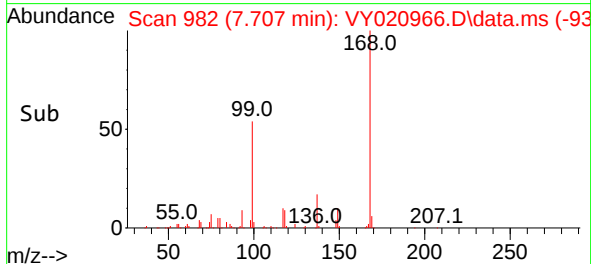


#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

Instrument :
MSVOA_Y
ClientSampleId :

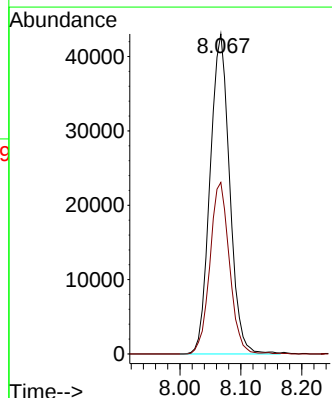
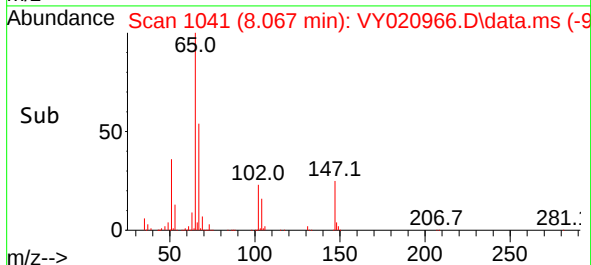
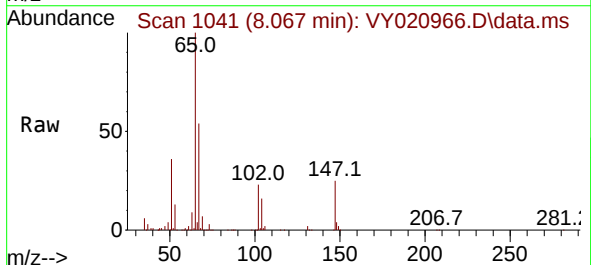


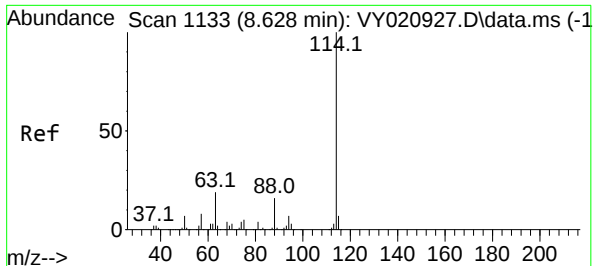
Tgt Ion: 56 Resp: 3141
Ion Ratio Lower Upper
56 100
69 182.2 28.7 43.1#
84 130.6 77.4 116.0#



#33
1,2-Dichloroethane-d4
Concen: 64.564 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

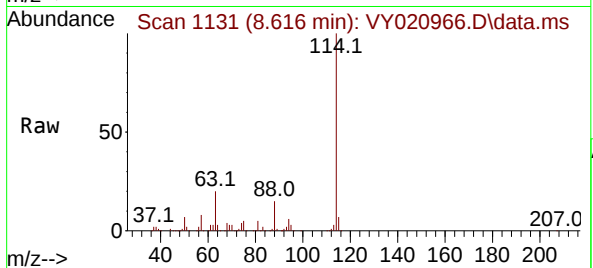
Tgt Ion: 65 Resp: 96054
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8



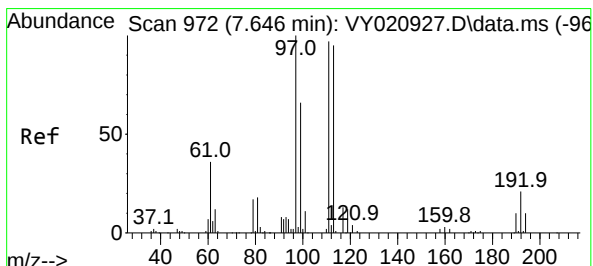
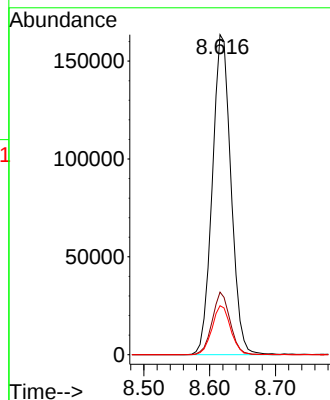
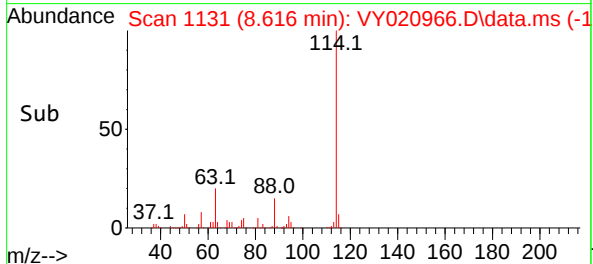


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1133
Delta R.T. -0.012 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

Instrument :
MSVOA_Y
ClientSampleId :

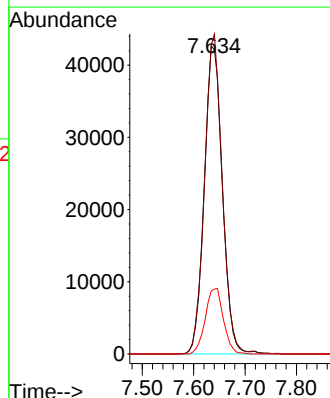
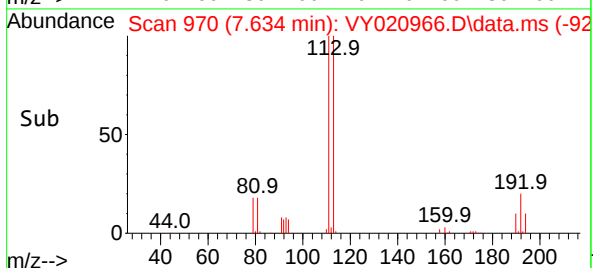
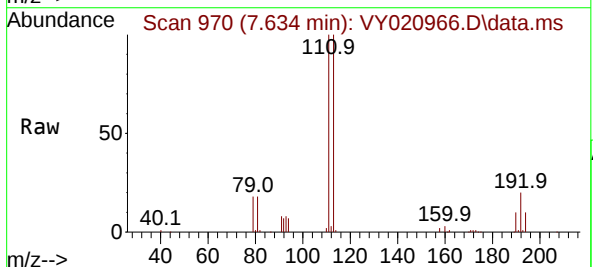


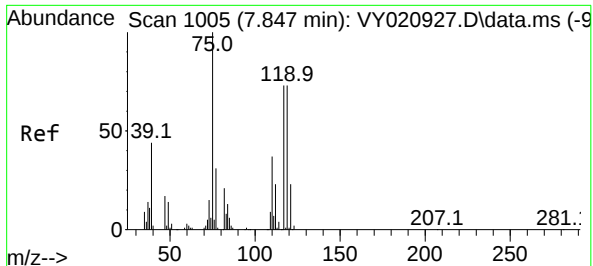
Tgt Ion:114 Resp: 323238
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.4
88 15.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 56.534 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

Tgt Ion:113 Resp: 104908
Ion Ratio Lower Upper
113 100
111 101.0 82.3 123.5
192 21.2 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.088 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.134 min

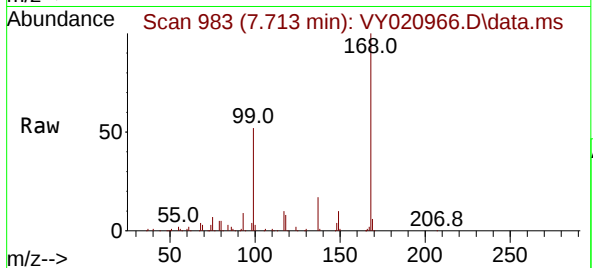
Lab File: VY020966.D

Acq: 29 Jan 2025 14:10

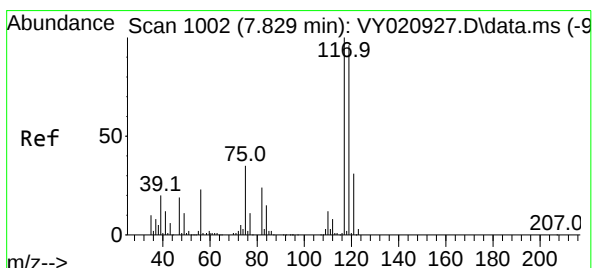
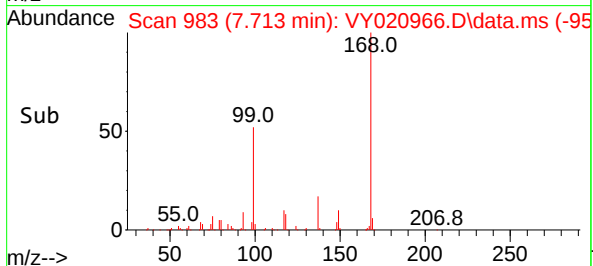
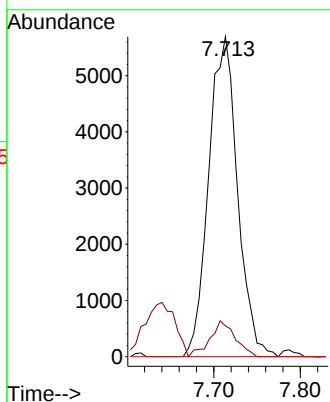
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 13182
Ion Ratio	Lower Upper
75	100
110	9.4 18.5 55.5#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.871 ug/l

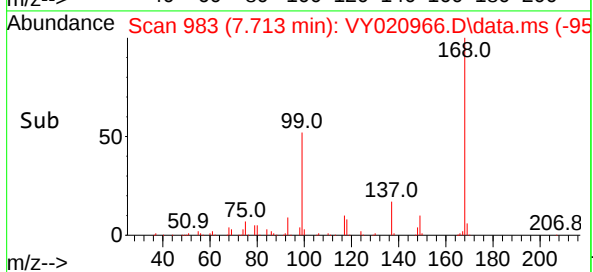
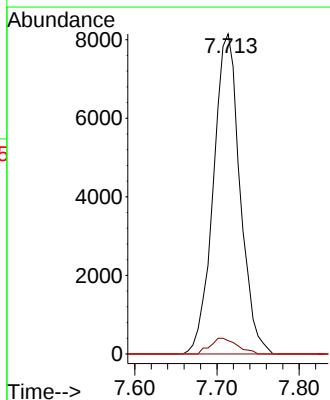
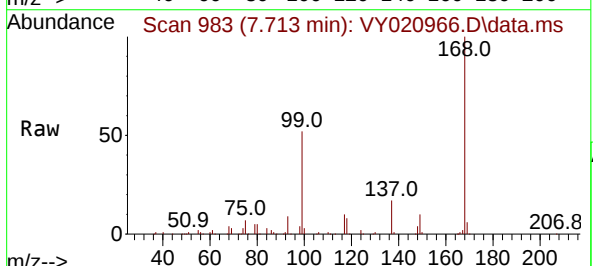
RT: 7.713 min Scan# 983

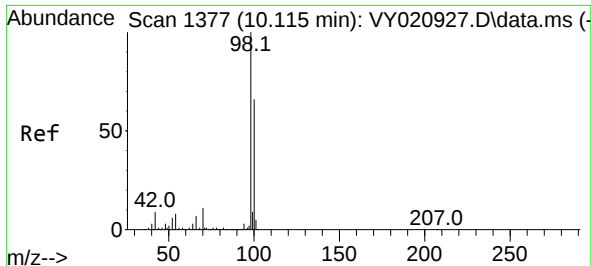
Delta R.T. -0.116 min

Lab File: VY020966.D

Acq: 29 Jan 2025 14:10

Tgt Ion: 117	Resp: 18345
Ion Ratio	Lower Upper
117	100
119	4.1 76.5 114.7#
121	0.0 25.0 37.4#

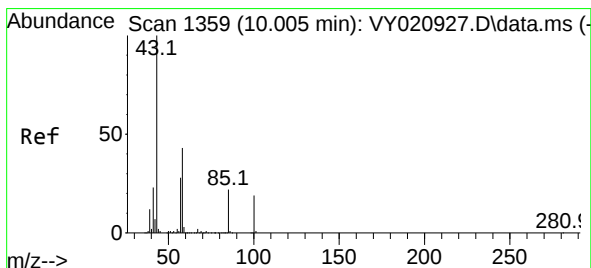
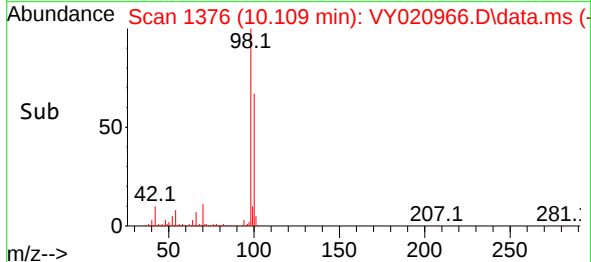
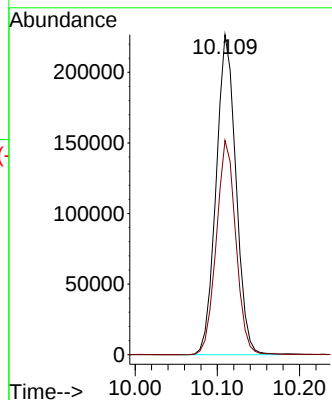
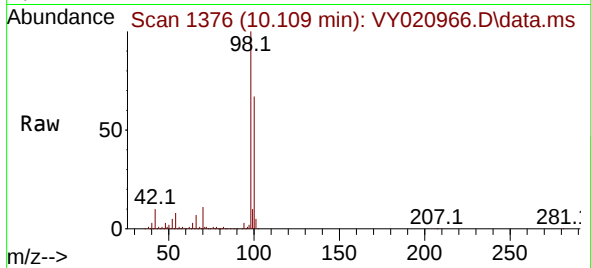




#50
Toluene-d8
Concen: 52.759 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

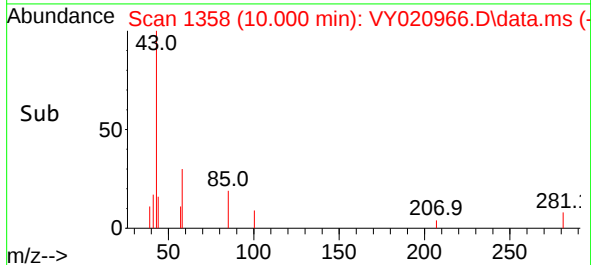
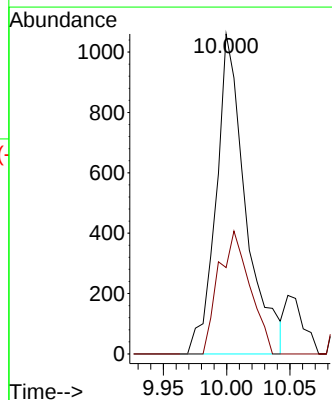
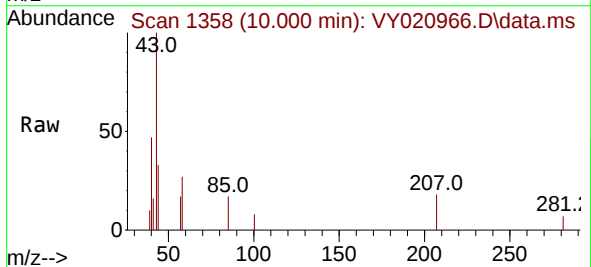
Instrument :
MSVOA_Y
ClientSampleId :

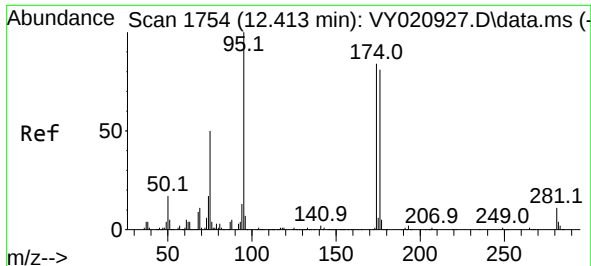
Tgt Ion: 98 Resp: 379743
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.786 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.006 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

Tgt Ion: 43 Resp: 1717
Ion Ratio Lower Upper
43 100
58 40.7 33.7 50.5

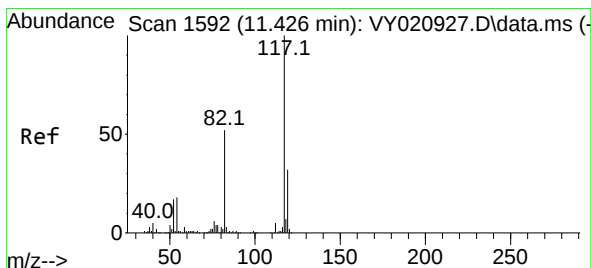
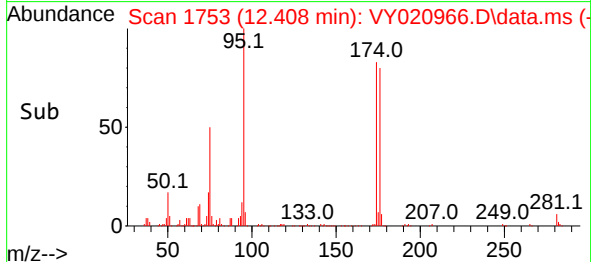
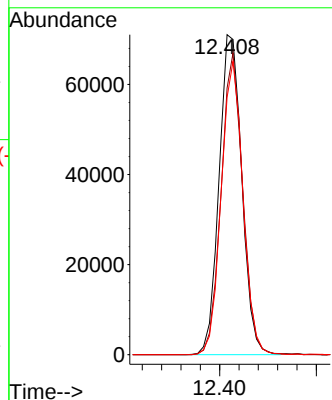
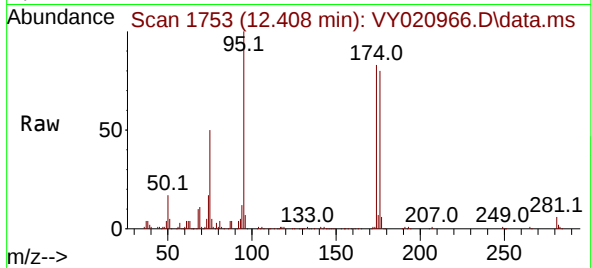




#62
4-Bromofluorobenzene
Concen: 48.309 ug/l
RT: 12.408 min Scan# 115723
Delta R.T. -0.006 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

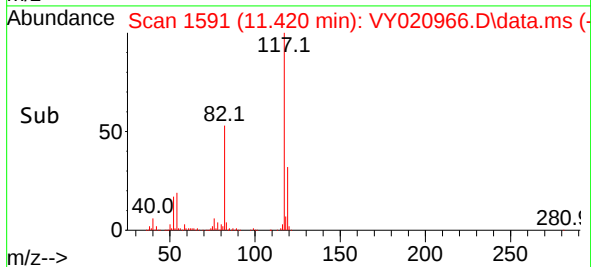
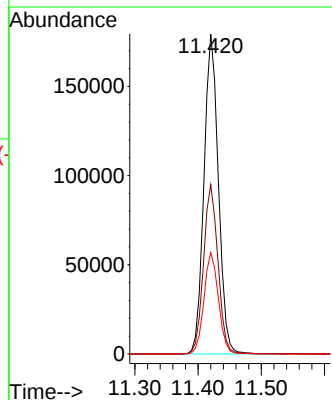
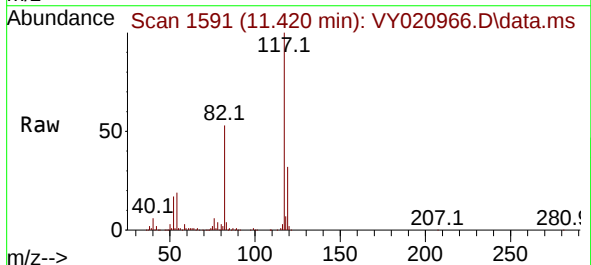
Instrument :
MSVOA_Y
ClientSampleId :

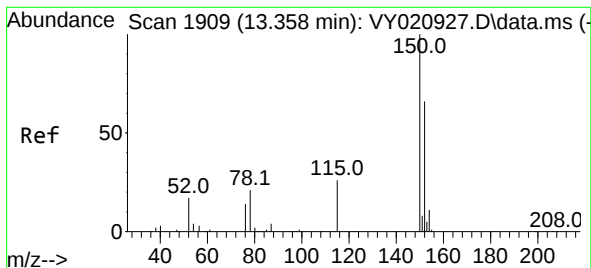
Tgt Ion: 95 Resp: 115723
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.4
176 87.6 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020966.D
Acq: 29 Jan 2025 14:10

Tgt Ion: 117 Resp: 284995
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 31.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1909

Delta R.T. -0.006 min

Lab File: VY020966.D

Acq: 29 Jan 2025 14:10

Instrument :

MSVOA_Y

ClientSampleId :

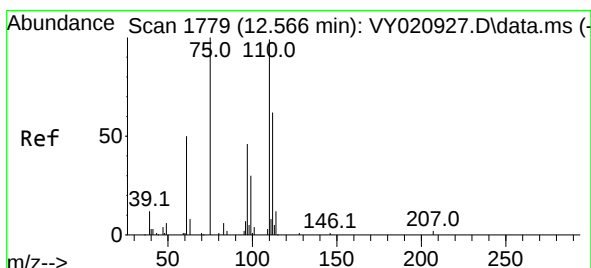
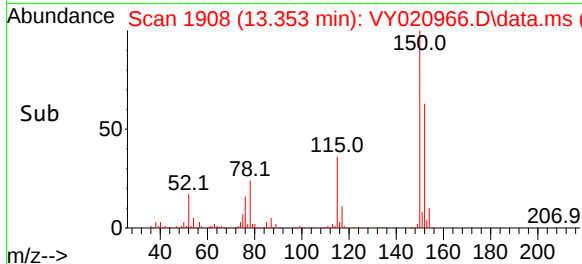
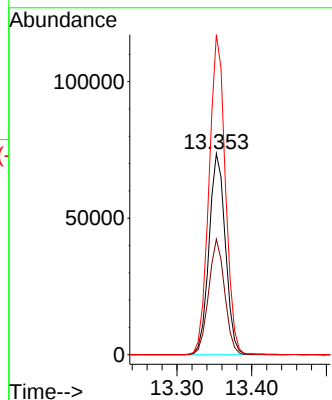
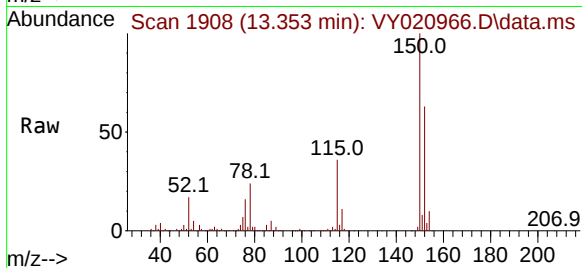
Tgt Ion:152 Resp: 111934

Ion Ratio Lower Upper

152 100

115 56.2 29.0 87.0

150 158.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 73.682 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.158 min

Lab File: VY020966.D

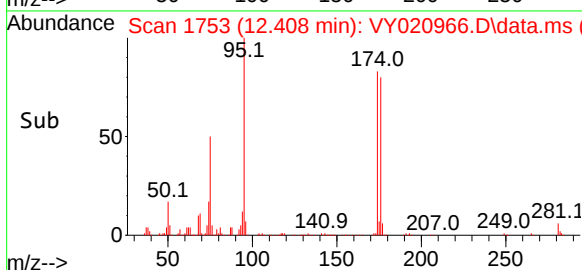
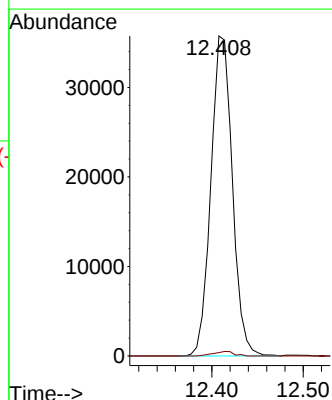
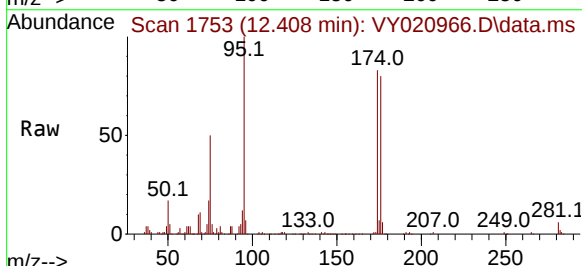
Acq: 29 Jan 2025 14:10

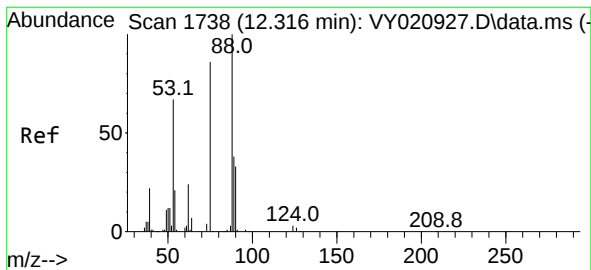
Tgt Ion: 75 Resp: 58313

Ion Ratio Lower Upper

75 100

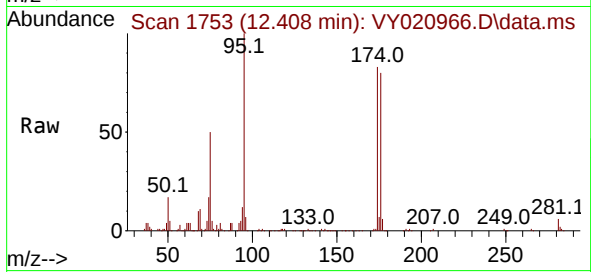
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.353 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.092 min
 Lab File: VY020966.D
 Acq: 29 Jan 2025 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.7	101.5#
89	0.4	38.4	57.6#

