

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020887.D
 Acq On : 20 Jan 2025 17:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 00:44:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

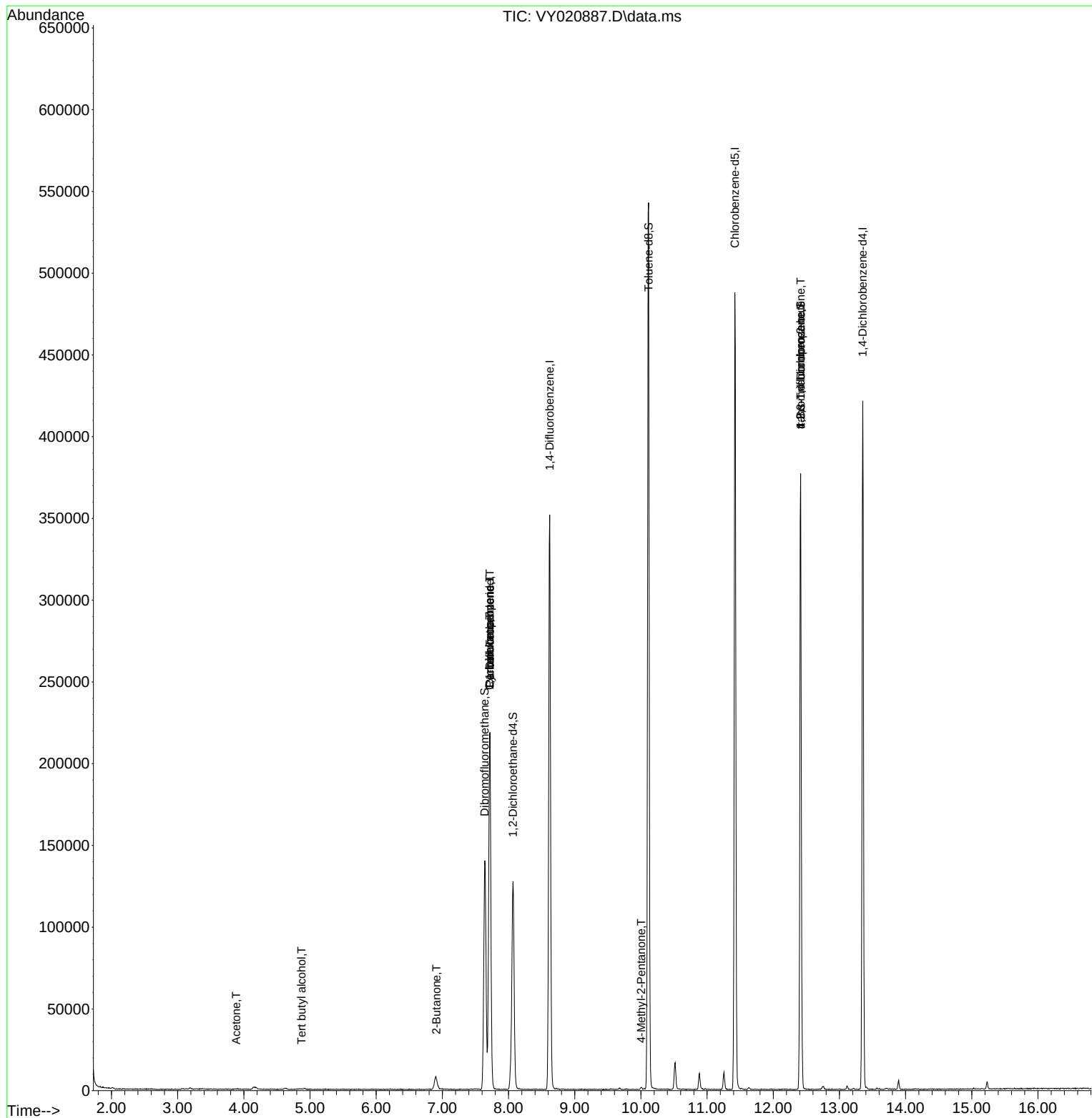
Internal Standards						
1) Pentafluorobenzene	7.719	168	181865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	309544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	276161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	110029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95185	61.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.160%	
35) Dibromofluoromethane	7.640	113	101172	52.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.340%	
50) Toluene-d8	10.115	98	364988	53.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	12.414	95	112319	44.991	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	659	5.642	ug/l #	73
16) Acetone	3.885	43	422	1.920	ug/l #	41
25) 2-Butanone	6.909	43	471	1.304	ug/l #	45
31) Cyclohexane	7.713	56	2957	1.315	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	12367	5.000	ug/l #	50
38) Carbon Tetrachloride	7.719	117	17136	4.977	ug/l #	17
51) 4-Methyl-2-Pentanone	10.006	43	1143	1.143	ug/l	88
76) 1,2,3-Trichloropropane	12.414	75	56400	58.583	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	56400	123.525	ug/l #	14

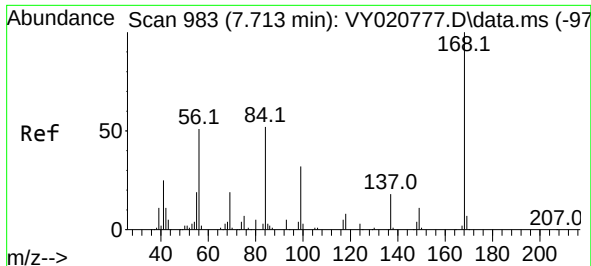
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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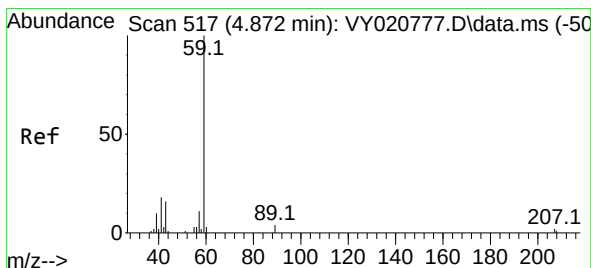
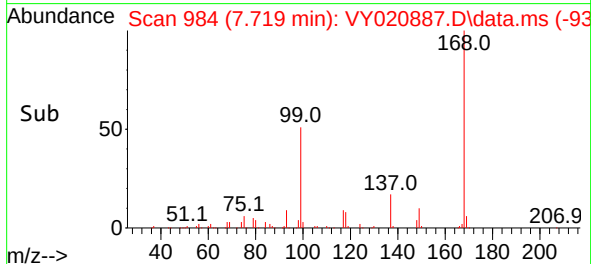
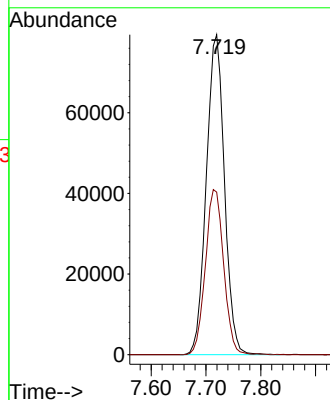
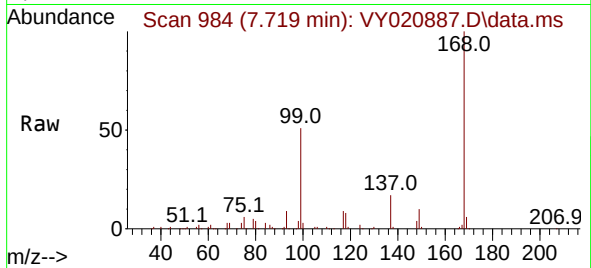




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

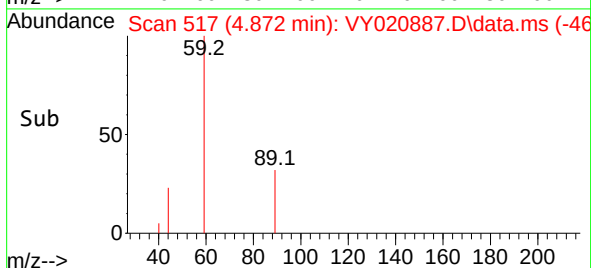
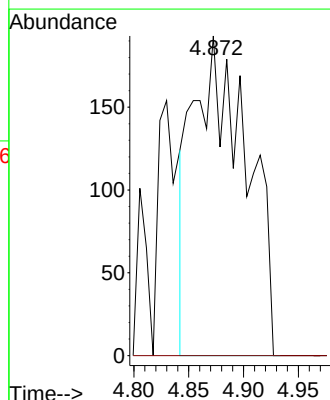
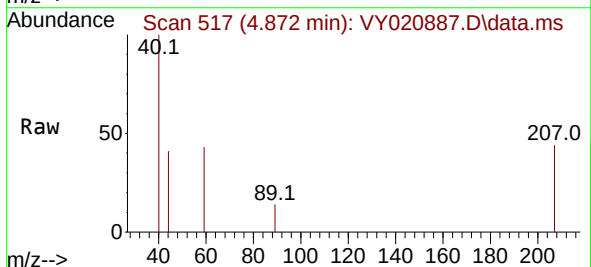
Instrument :
MSVOA_Y
ClientSampleId :

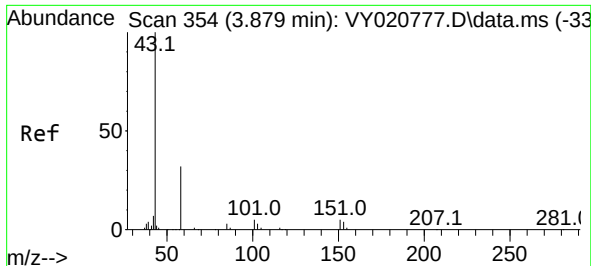
Tgt Ion:168 Resp: 181865
Ion Ratio Lower Upper
168 100
99 50.8 44.3 66.5



#11
Tert butyl alcohol
Concen: 5.642 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

Tgt Ion: 59 Resp: 659
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

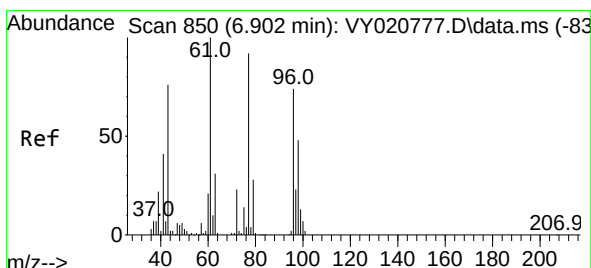
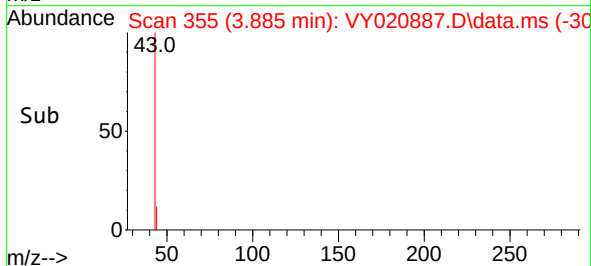
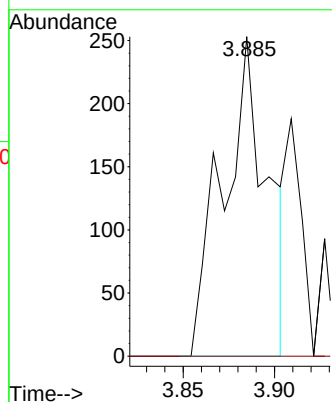
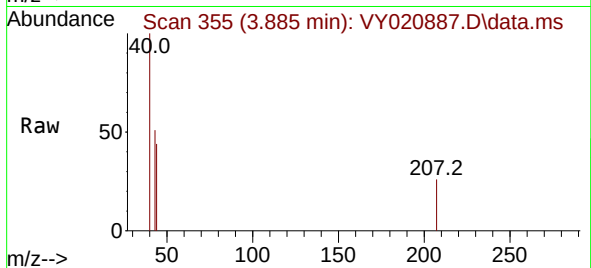




#16
Acetone
Concen: 1.920 ug/l
RT: 3.885 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

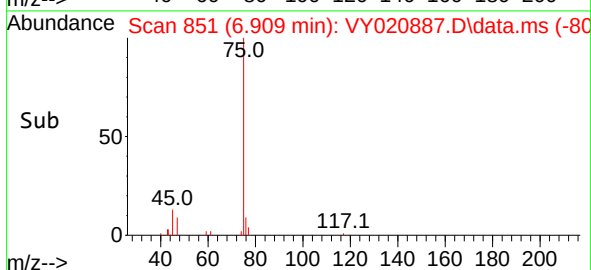
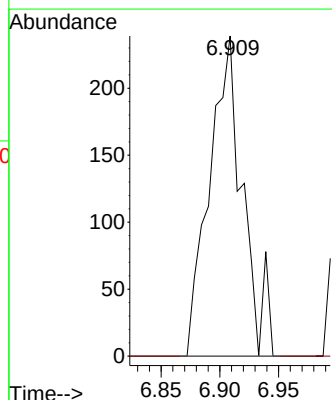
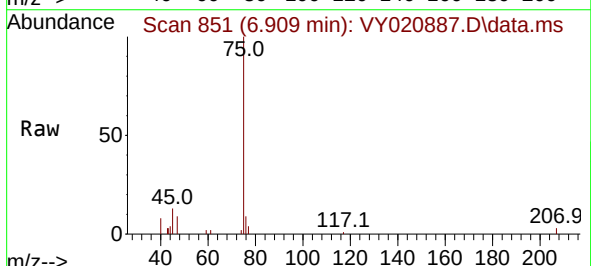
Instrument :
MSVOA_Y
ClientSampleId :

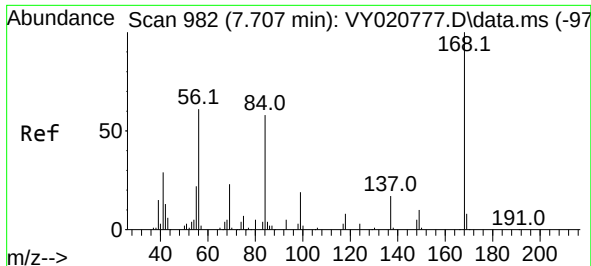
Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#25
2-Butanone
Concen: 1.304 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

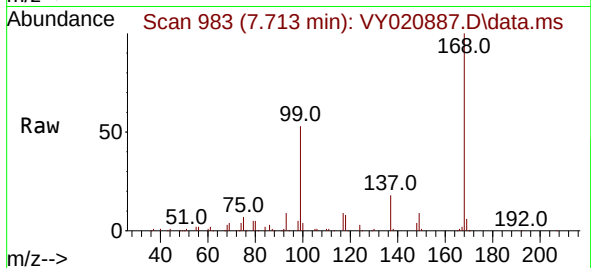
Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



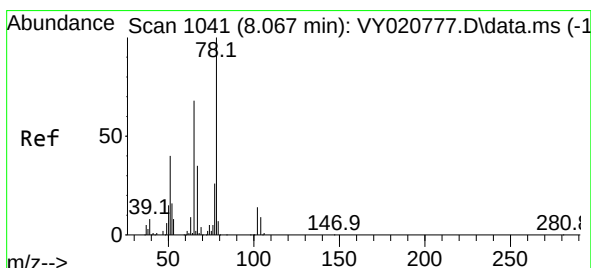
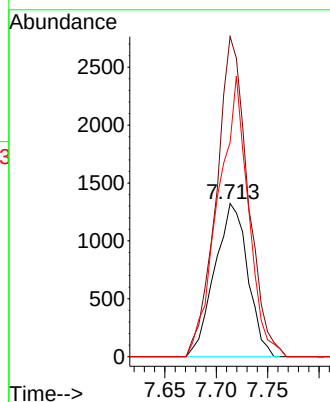
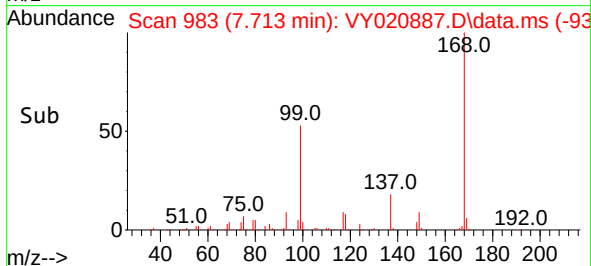


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

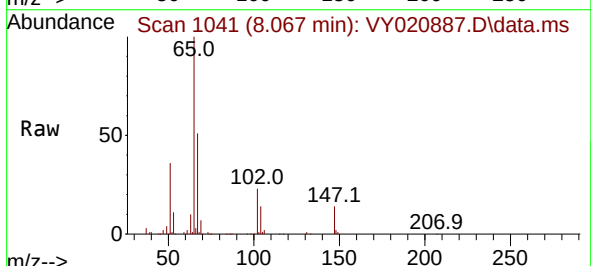
Instrument :
MSVOA_Y
ClientSampleId :



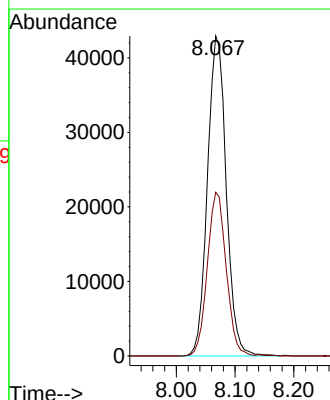
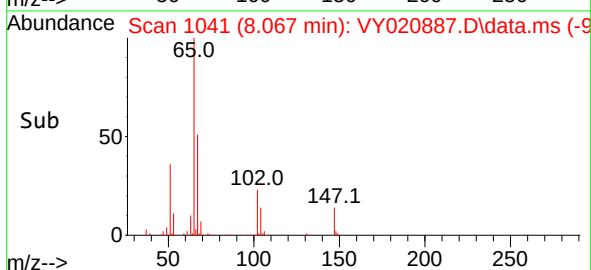
Tgt Ion: 56 Resp: 2957
Ion Ratio Lower Upper
56 100
69 208.9 30.5 45.7#
84 140.0 76.6 115.0#

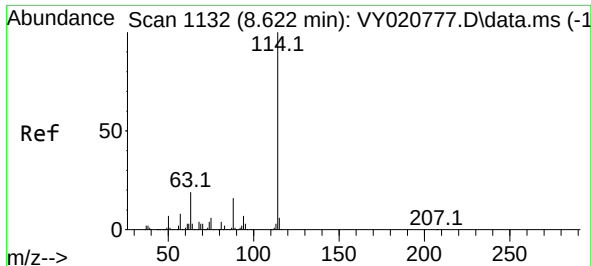


#33
1,2-Dichloroethane-d4
Concen: 61.577 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43



Tgt Ion: 65 Resp: 95185
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.8

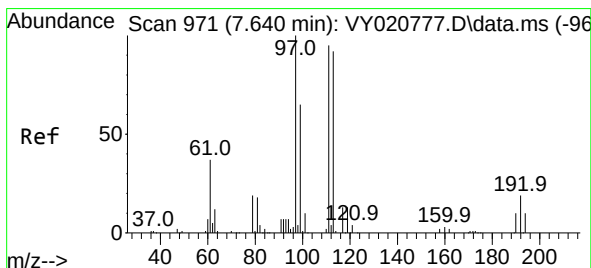
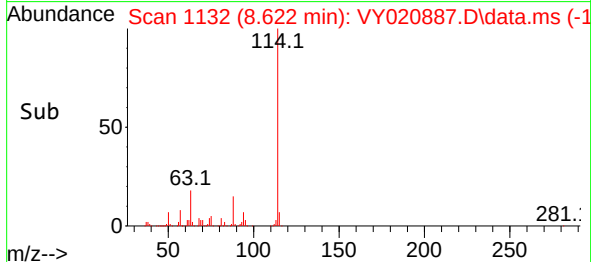
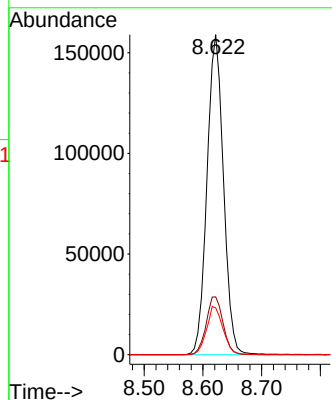
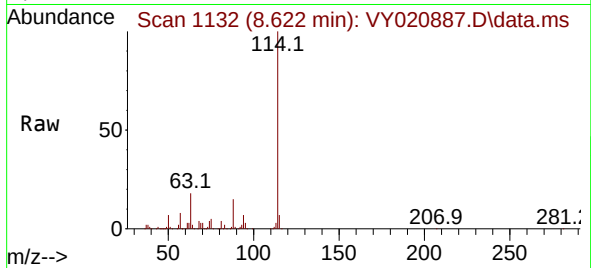




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

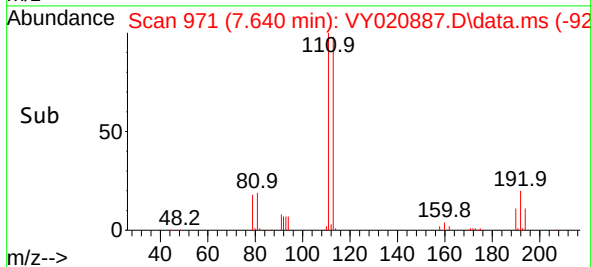
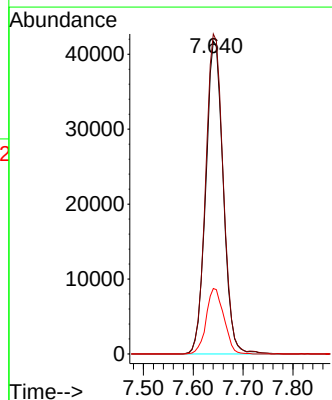
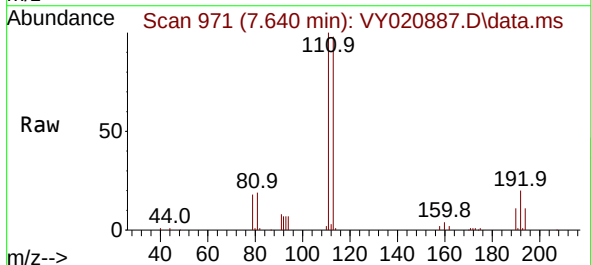
Instrument :
MSVOA_Y
ClientSampleId :

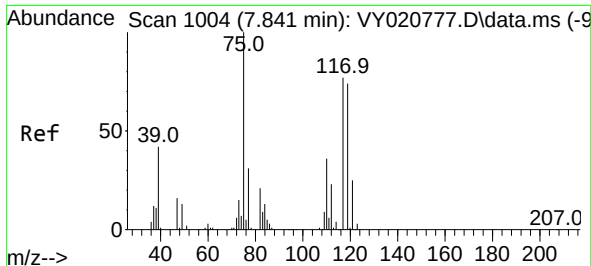
Tgt Ion:114 Resp: 309544
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.4
88 14.7 0.0 31.2



#35
Dibromofluoromethane
Concen: 52.170 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

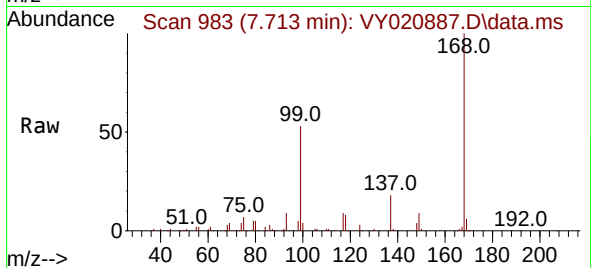
Tgt Ion:113 Resp: 101172
Ion Ratio Lower Upper
113 100
111 103.3 81.7 122.5
192 21.2 16.7 25.1



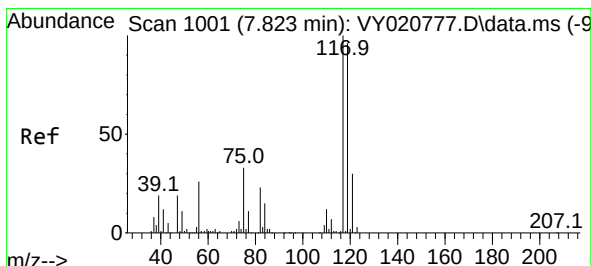
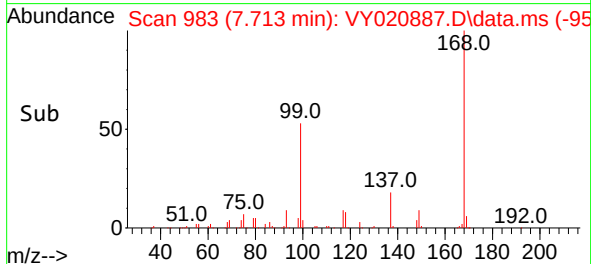
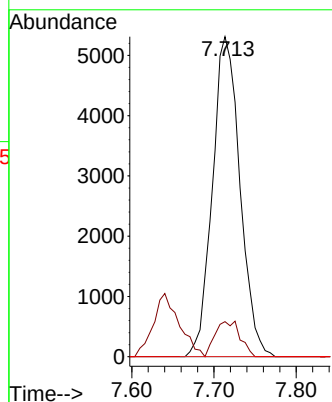


#36
 1,1-Dichloropropene
 Concen: 5.000 ug/l
 RT: 7.713 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY020887.D
 Acq: 20 Jan 2025 17:43

Instrument :
 MSVOA_Y
 ClientSampleId :

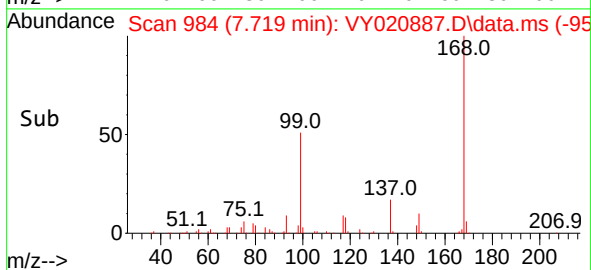
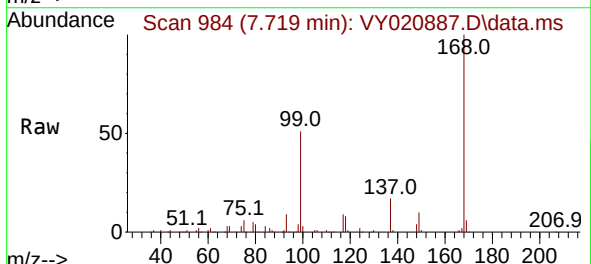
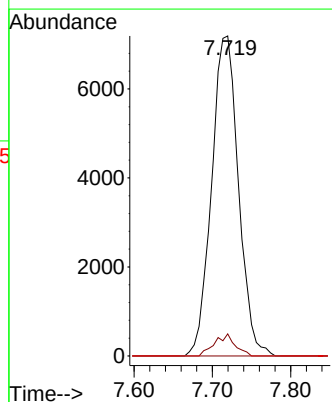


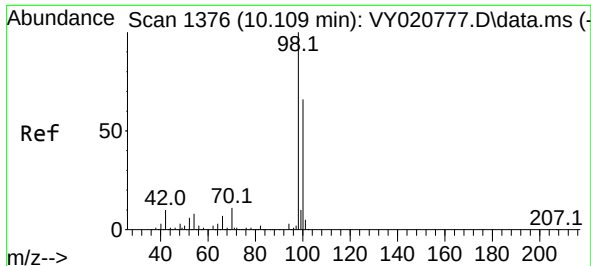
Tgt Ion: 75 Resp: 12367
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.5 55.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 4.977 ug/l
 RT: 7.719 min Scan# 984
 Delta R.T. -0.104 min
 Lab File: VY020887.D
 Acq: 20 Jan 2025 17:43

Tgt Ion: 117 Resp: 17136
 Ion Ratio Lower Upper
 117 100
 119 6.9 76.5 114.7#
 121 0.0 24.3 36.5#

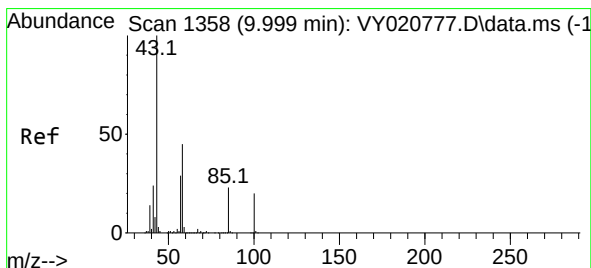
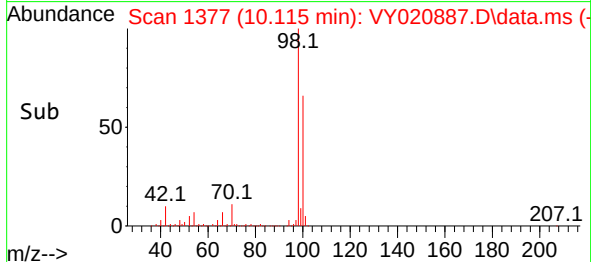
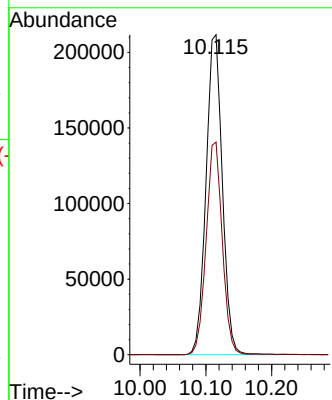
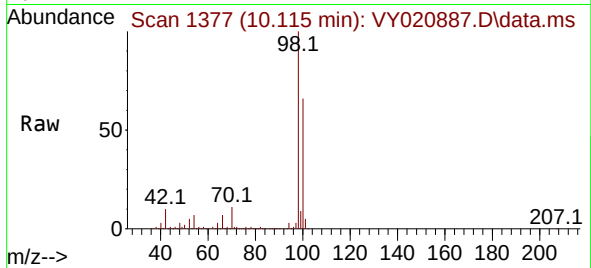




#50
Toluene-d8
Concen: 53.990 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

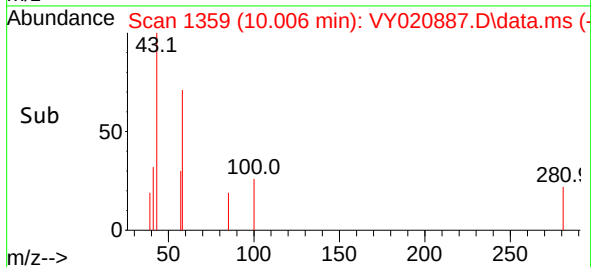
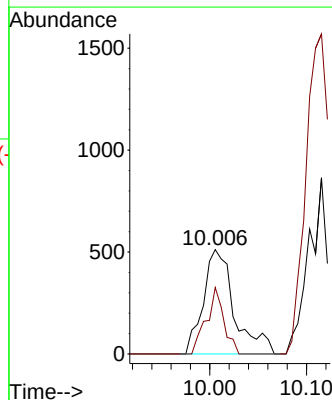
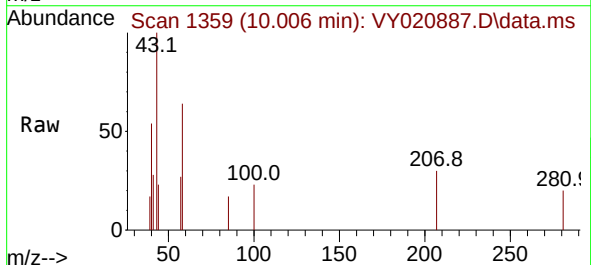
Instrument :
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ClientSampleId :

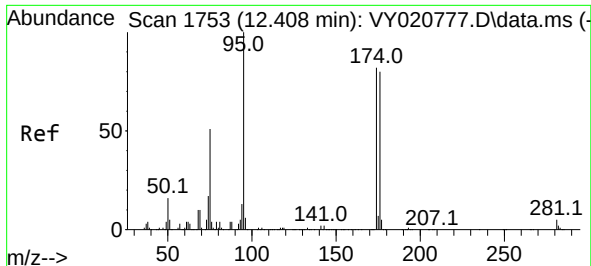
Tgt Ion: 98 Resp: 364988
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.143 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

Tgt Ion: 43 Resp: 1143
Ion Ratio Lower Upper
43 100
58 36.0 34.8 52.2

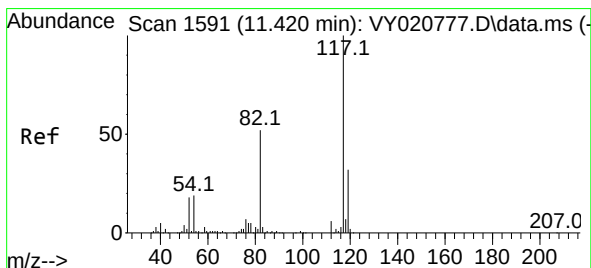
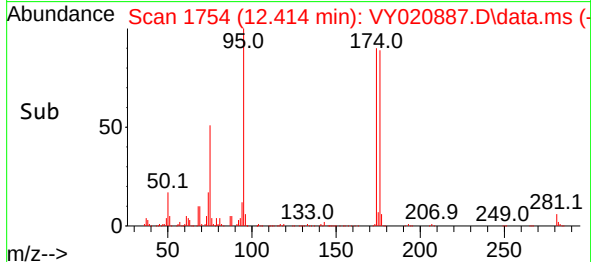
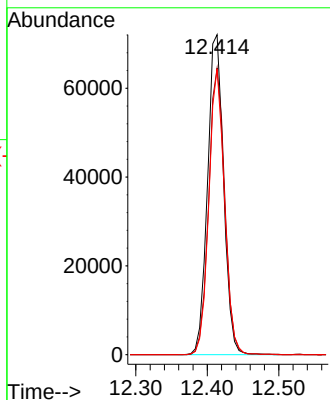
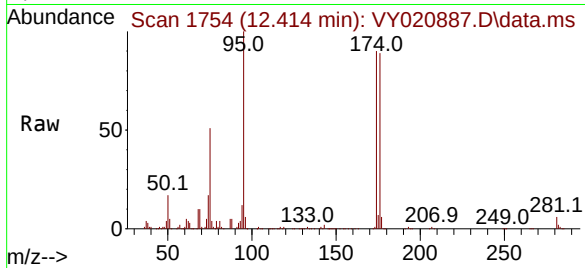




#62
4-Bromofluorobenzene
Concen: 44.991 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

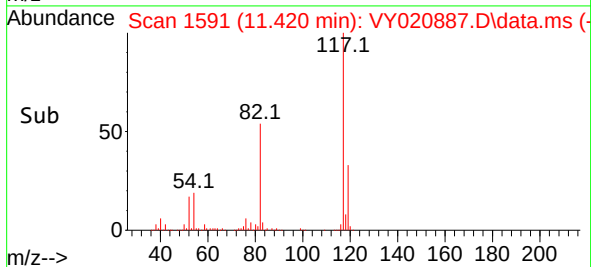
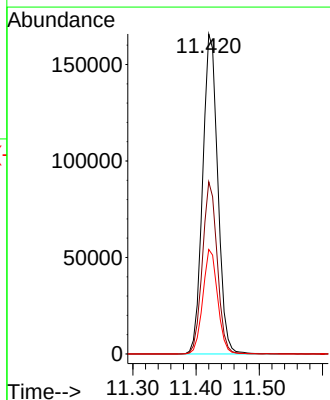
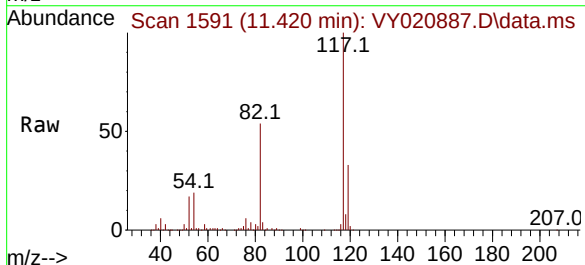
Instrument :
MSVOA_Y
ClientSampleId :

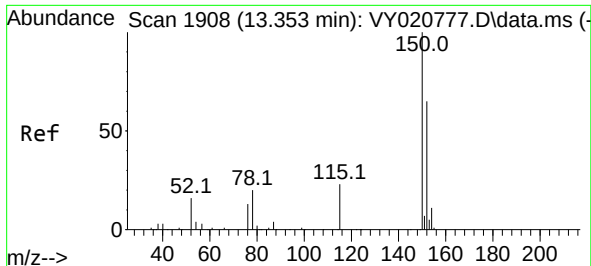
Tgt Ion: 95 Resp: 112319
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.0
176 87.1 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

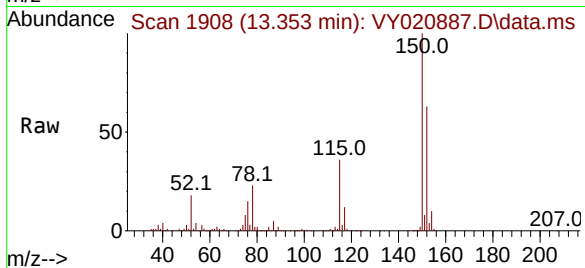
Tgt Ion: 117 Resp: 276161
Ion Ratio Lower Upper
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82 53.8 41.8 62.6
119 32.7 25.8 38.8



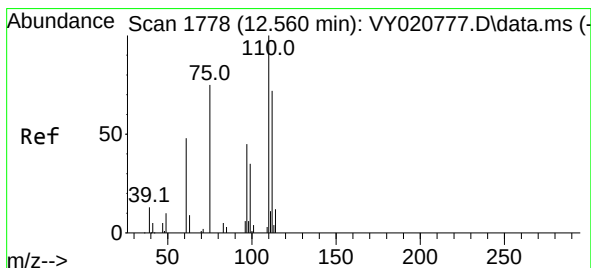
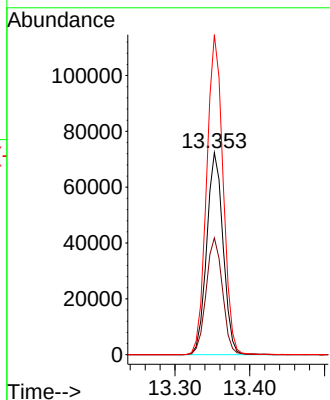
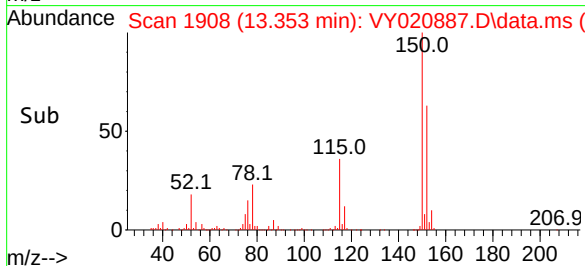


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

Instrument :
MSVOA_Y
ClientSampleId :

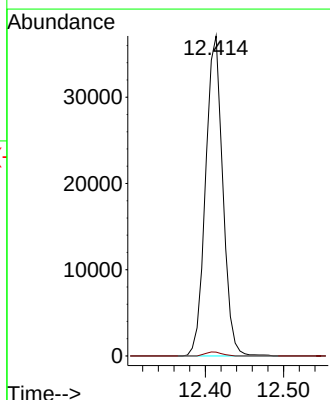
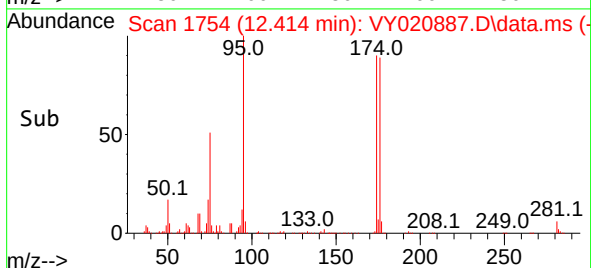
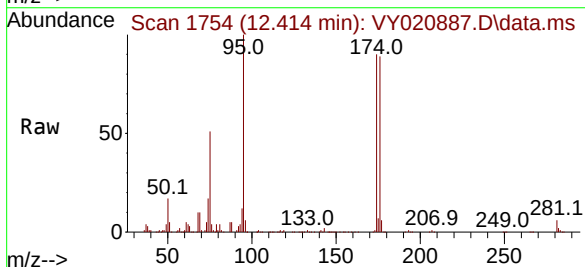


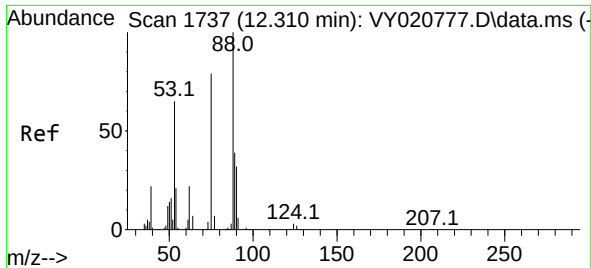
Tgt Ion:152 Resp: 110029
Ion Ratio Lower Upper
152 100
115 57.8 29.0 87.0
150 158.6 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 58.583 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

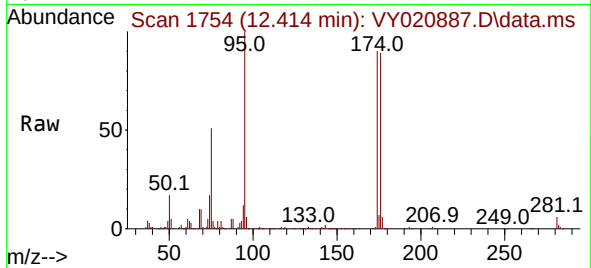
Tgt Ion: 75 Resp: 56400
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.525 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.0#
89	0.0	39.6	59.4#

