

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020885.D
 Acq On : 20 Jan 2025 16:56
 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 00:44:07 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)

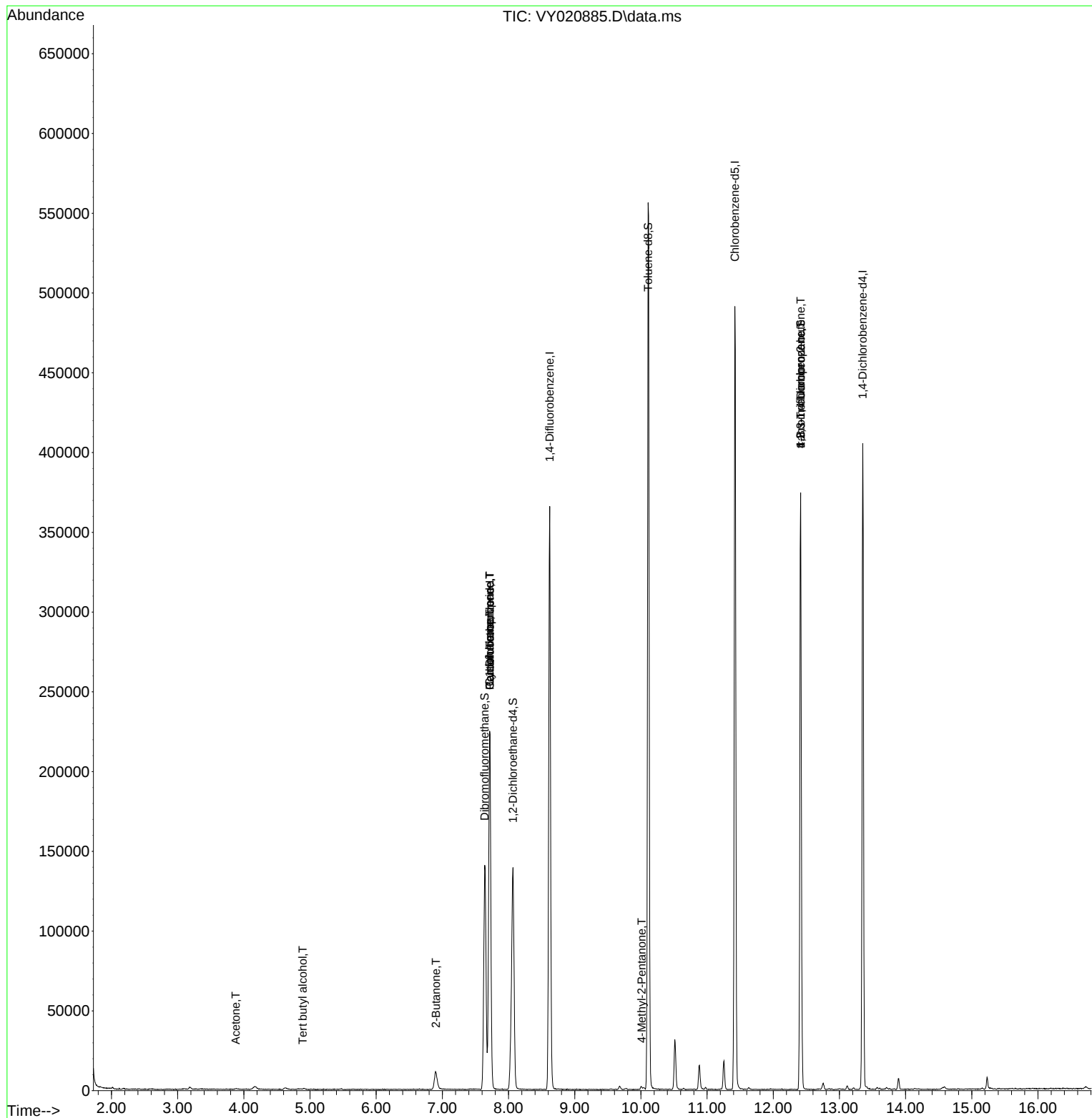
Internal Standards						
1) Pentafluorobenzene	7.719	168	184273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	317055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	275961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	105641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	92905	59.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.640%	
35) Dibromofluoromethane	7.640	113	101468	51.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.160%	
50) Toluene-d8	10.109	98	371241	53.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.220%	
62) 4-Bromofluorobenzene	12.414	95	110920	43.378	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.891	59	423	3.574	ug/l #	73
16) Acetone	3.879	43	963	4.324	ug/l #	74
25) 2-Butanone	6.902	43	749	2.047	ug/l #	45
31) Cyclohexane	7.713	56	3005	1.319	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	12865	5.078	ug/l #	50
38) Carbon Tetrachloride	7.719	117	17448	4.947	ug/l #	15
51) 4-Methyl-2-Pentanone	10.012	43	1335	1.303	ug/l	98
76) 1,2,3-Trichloropropane	12.414	75	55920	60.497	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	55920	127.561	ug/l #	14

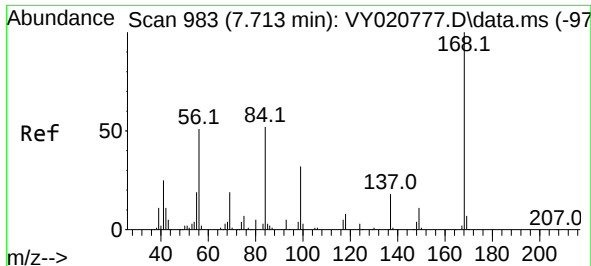
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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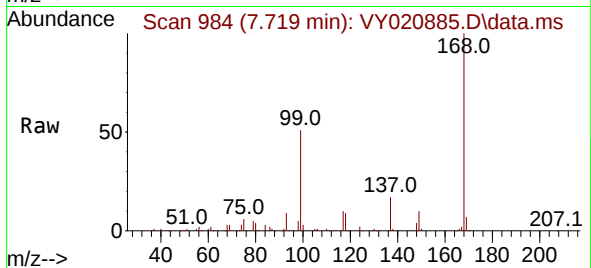
Quant Time: Jan 21 00:44:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
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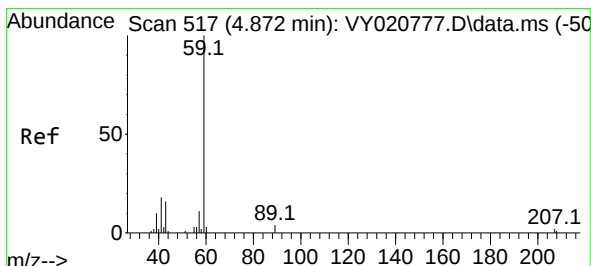
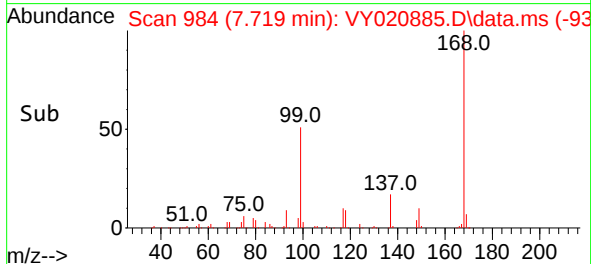
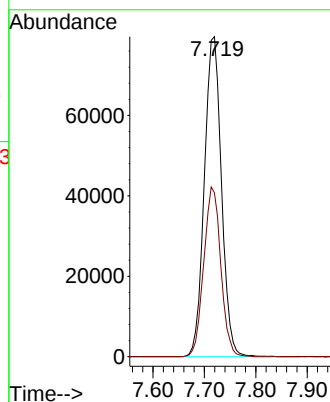


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

Instrument :
MSVOA_Y
ClientSampleId :

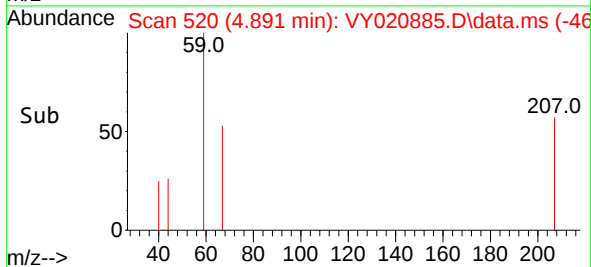
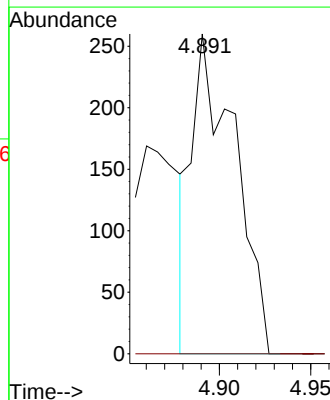
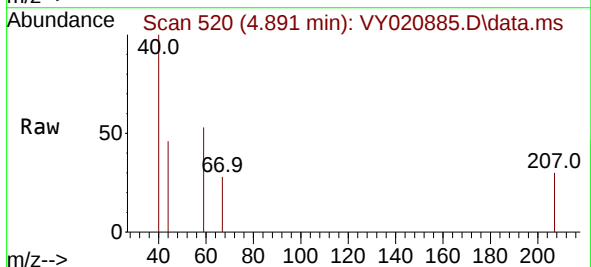


Tgt Ion:168 Resp: 184273
Ion Ratio Lower Upper
168 100
99 51.2 44.3 66.5



#11
Tert butyl alcohol
Concen: 3.574 ug/l
RT: 4.891 min Scan# 520
Delta R.T. 0.018 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

Tgt Ion: 59 Resp: 423
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

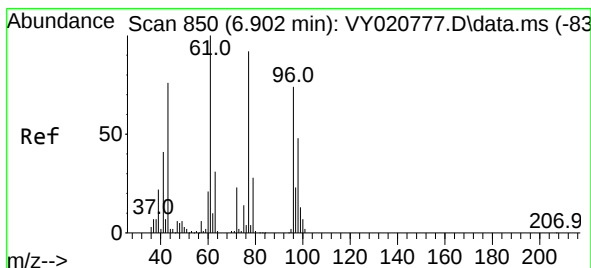
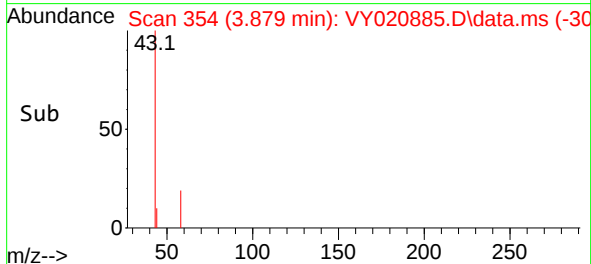
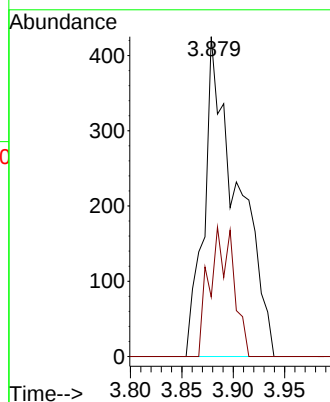
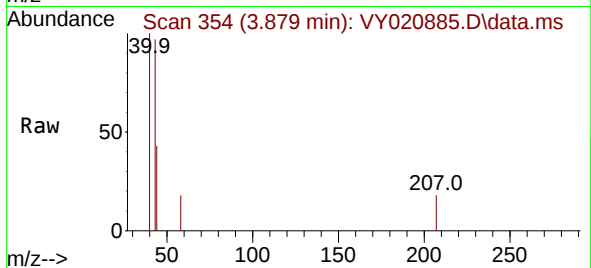




#16
Acetone
Concen: 4.324 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

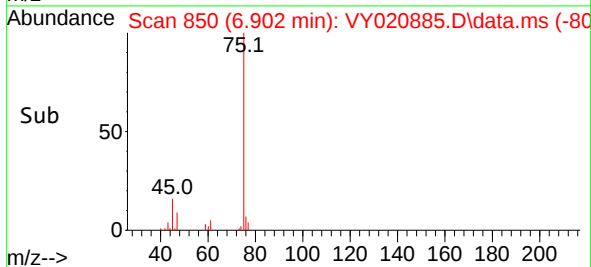
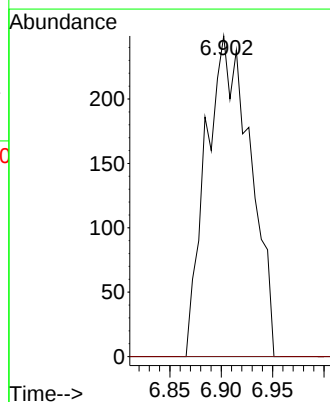
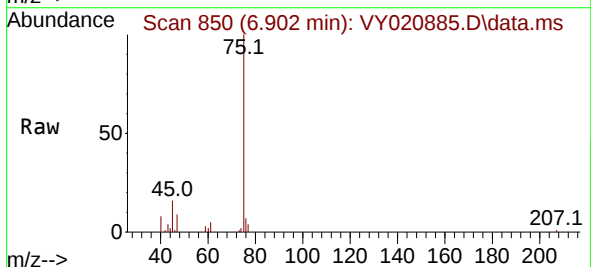
Instrument :
MSVOA_Y
ClientSampleId :

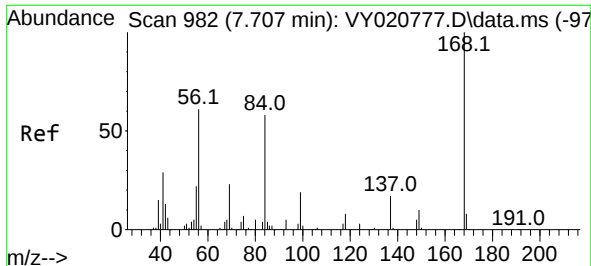
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 18.6 26.7 40.1#



#25
2-Butanone
Concen: 2.047 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

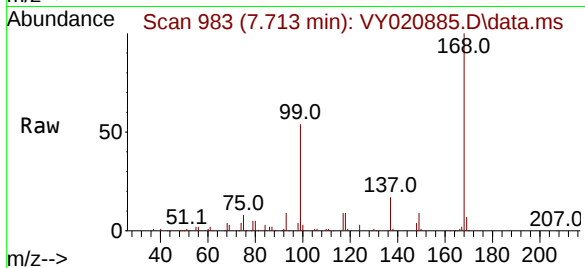
Tgt Ion: 43 Resp: 749
Ion Ratio Lower Upper
43 100
72 0.0 24.0 36.0#



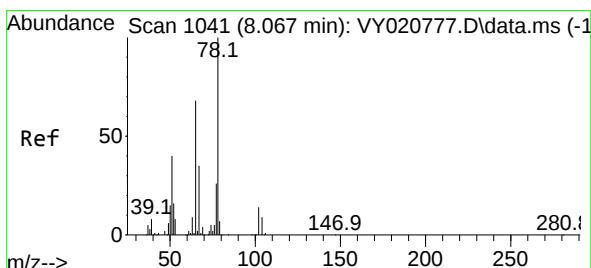
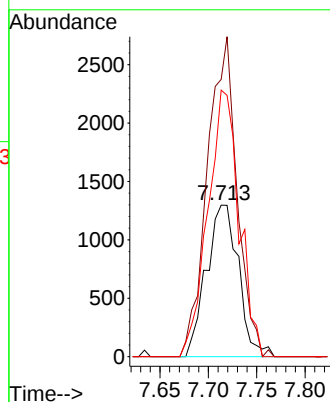
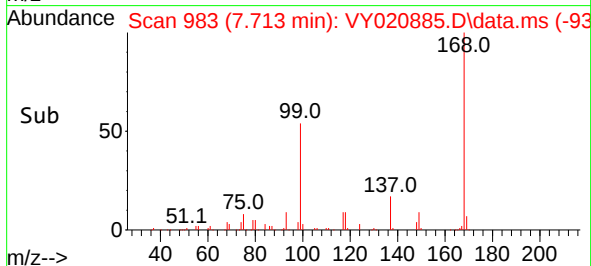


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

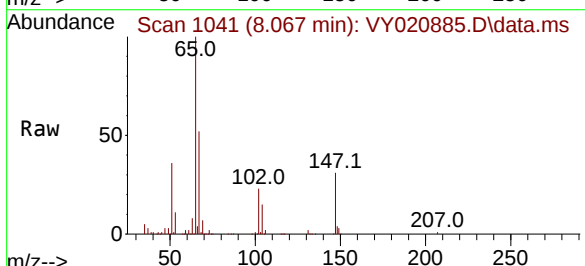
Instrument :
MSVOA_Y
ClientSampleId :



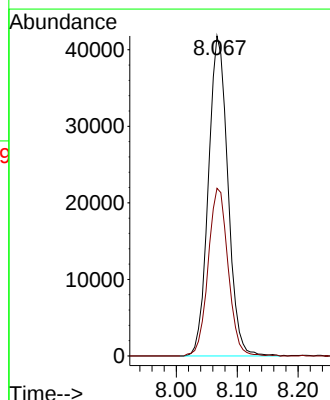
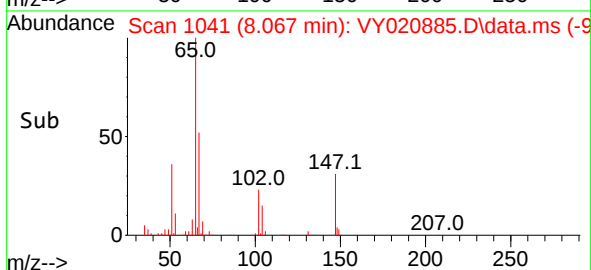
Tgt Ion: 56 Resp: 3005
Ion Ratio Lower Upper
56 100
69 183.0 30.5 45.7#
84 175.9 76.6 115.0#

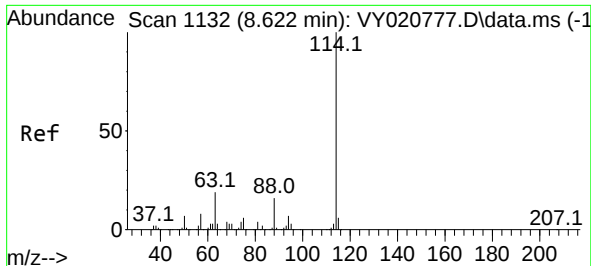


#33
1,2-Dichloroethane-d4
Concen: 59.317 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56



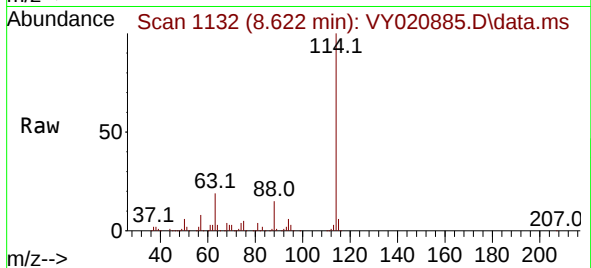
Tgt Ion: 65 Resp: 92905
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.8



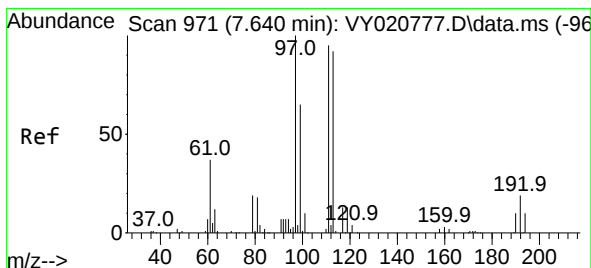
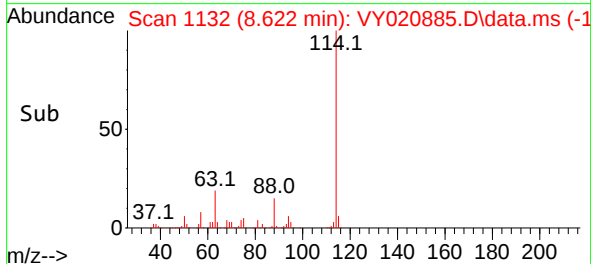
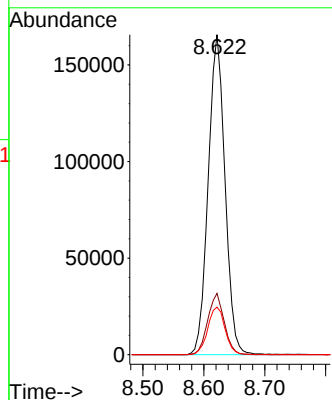


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VY020885.D
 Acq: 20 Jan 2025 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :

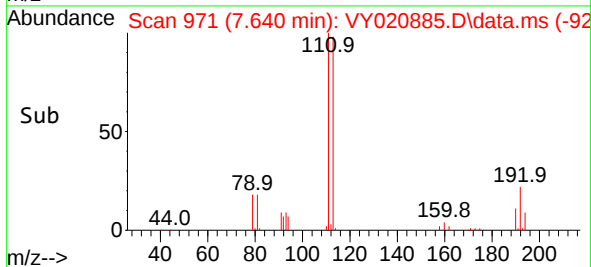
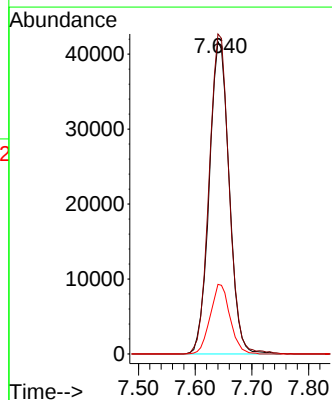
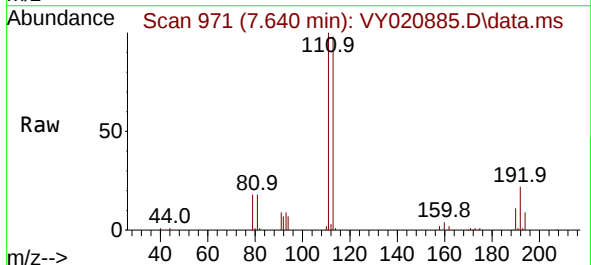


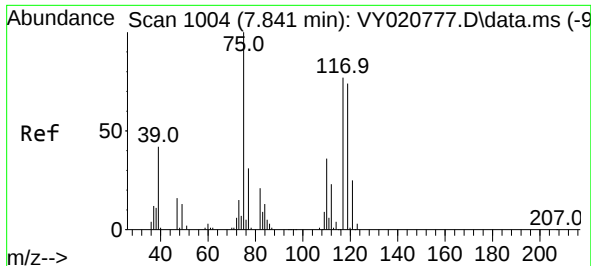
Tgt Ion:114 Resp: 317055
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 14.8 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 51.083 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. -0.000 min
 Lab File: VY020885.D
 Acq: 20 Jan 2025 16:56

Tgt Ion:113 Resp: 101468
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 22.2 16.7 25.1

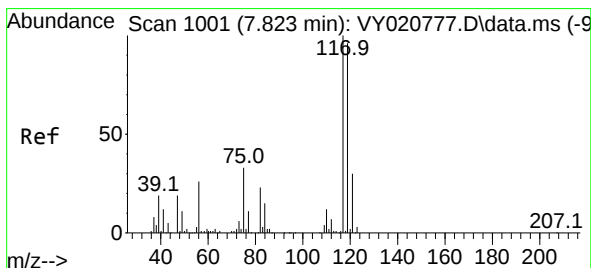
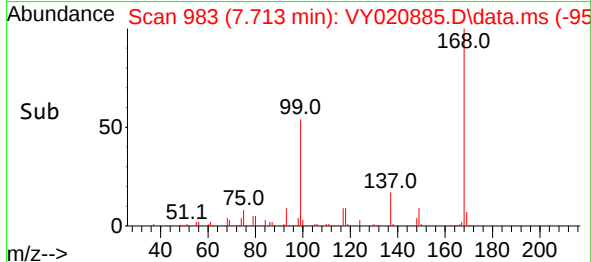
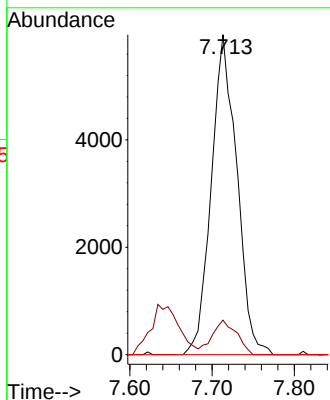
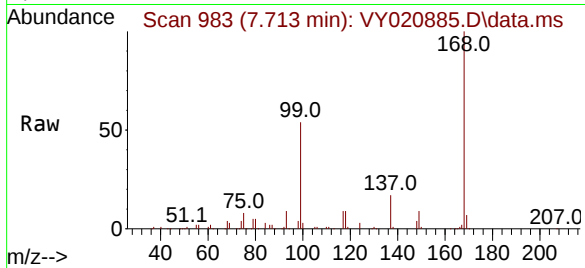




#36
1,1-Dichloropropene
Concen: 5.078 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

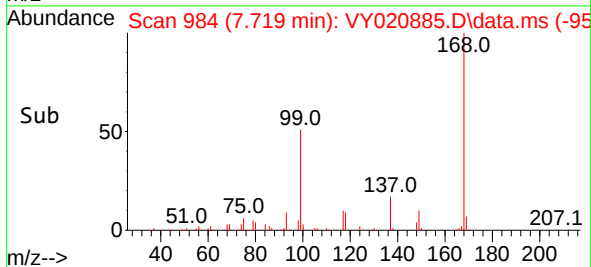
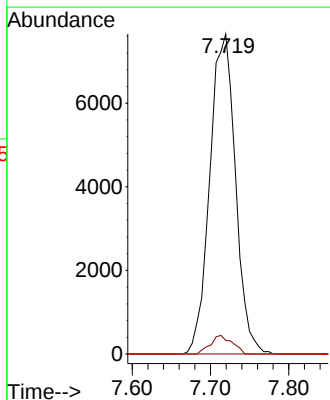
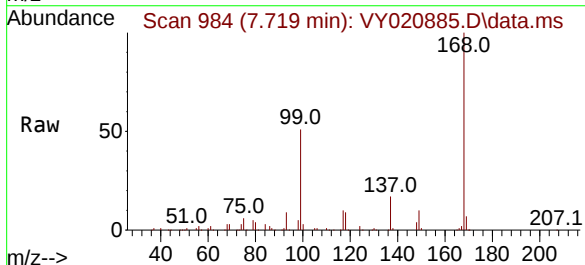
Instrument :
MSVOA_Y
ClientSampleId :

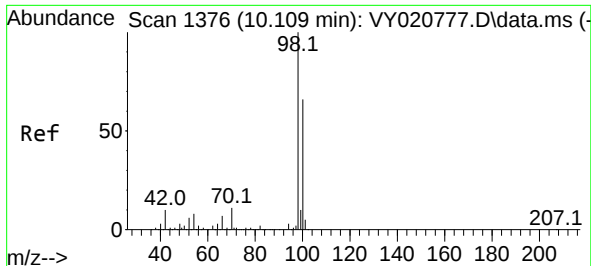
Tgt Ion: 75 Resp: 12865
Ion Ratio Lower Upper
75 100
110 10.3 18.5 55.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.947 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.104 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

Tgt Ion: 117 Resp: 17448
Ion Ratio Lower Upper
117 100
119 4.3 76.5 114.7#
121 0.0 24.3 36.5#

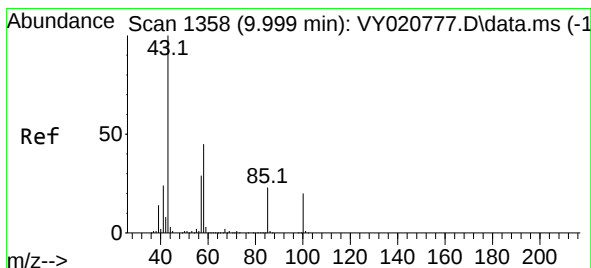
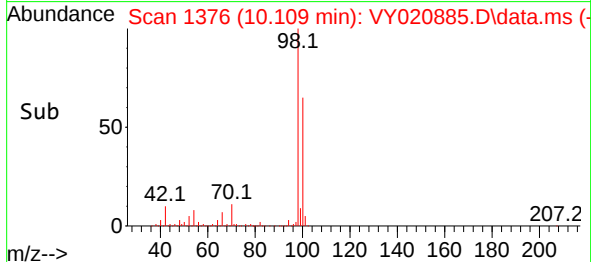
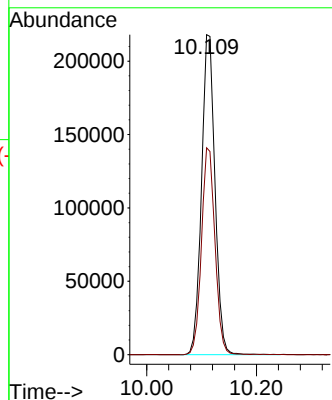
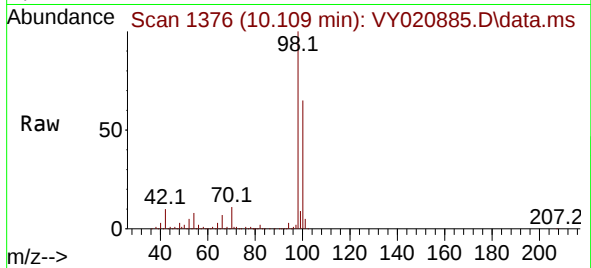




#50
Toluene-d8
Concen: 53.614 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

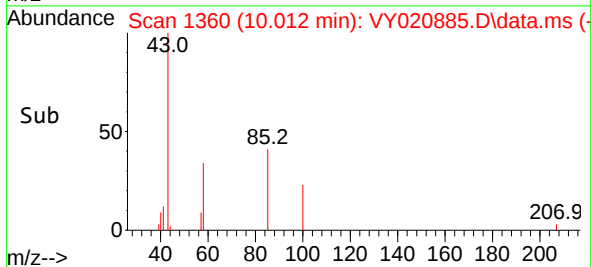
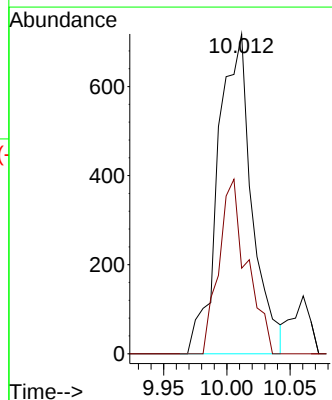
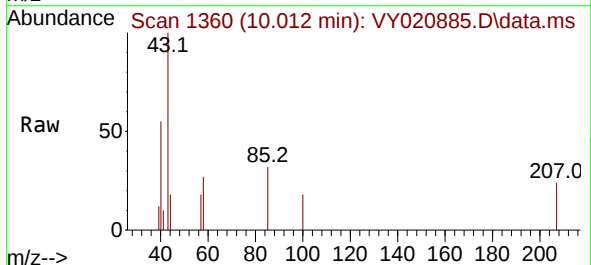
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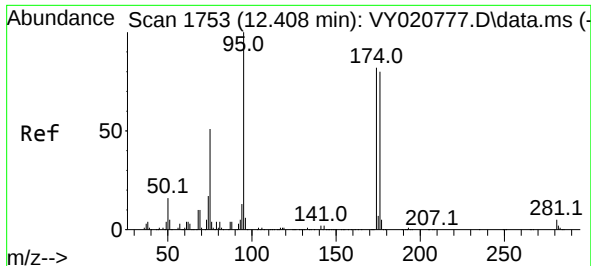
Tgt Ion: 98 Resp: 371241
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.303 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

Tgt Ion: 43 Resp: 1335
Ion Ratio Lower Upper
43 100
58 45.0 34.8 52.2

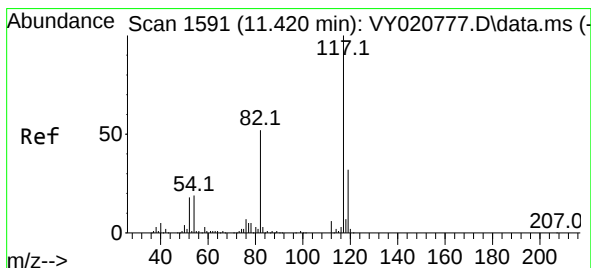
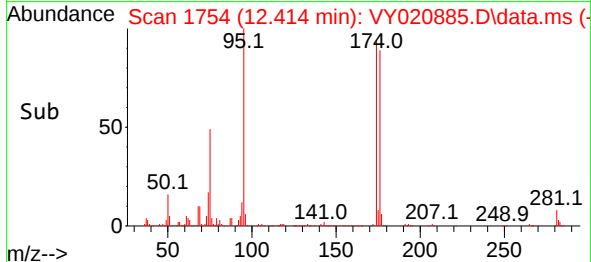
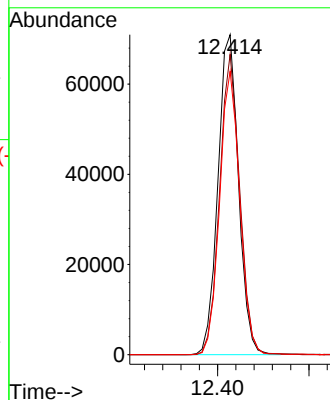
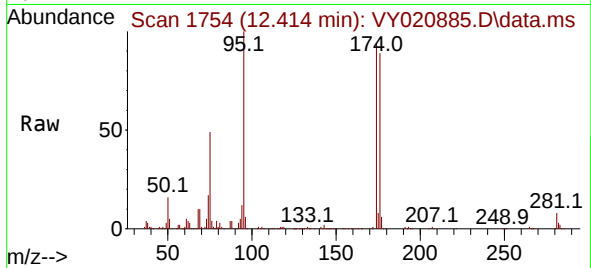




#62
4-Bromofluorobenzene
Concen: 43.378 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

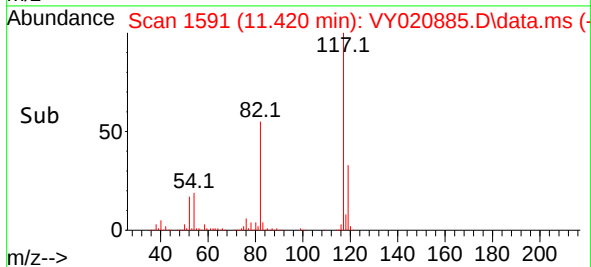
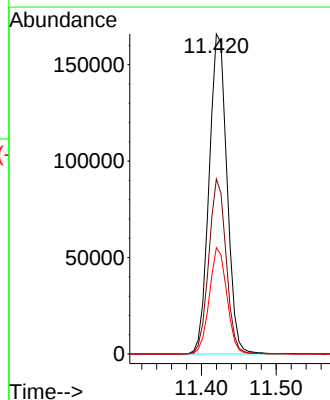
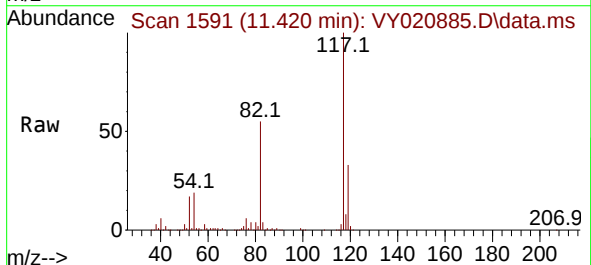
Instrument :
MSVOA_Y
ClientSampleId :

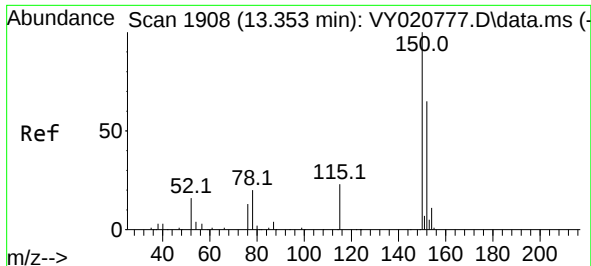
Tgt Ion: 95 Resp: 110920
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.0
176 87.2 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020885.D
Acq: 20 Jan 2025 16:56

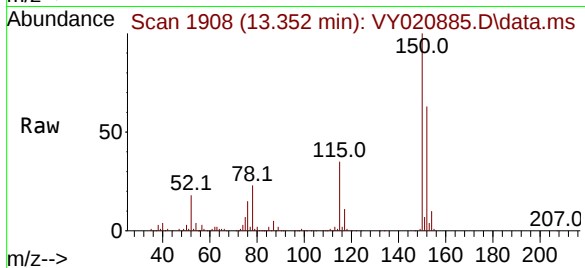
Tgt Ion: 117 Resp: 275961
Ion Ratio Lower Upper
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82 54.7 41.8 62.6
119 33.2 25.8 38.8



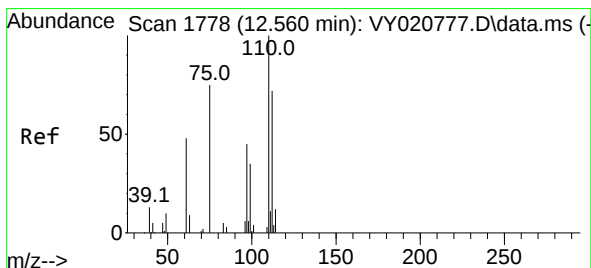
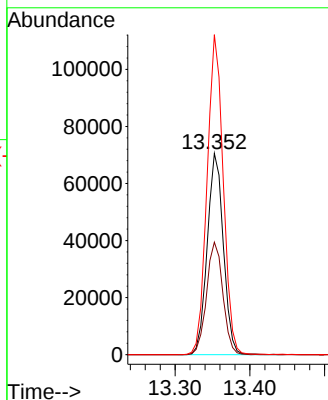
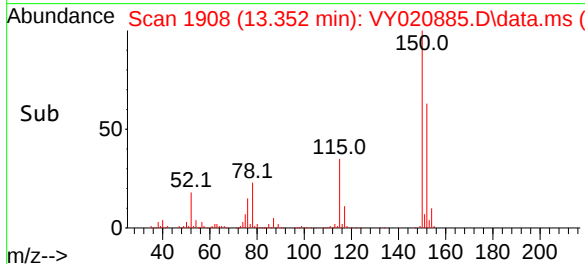


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY020885.D
 Acq: 20 Jan 2025 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :

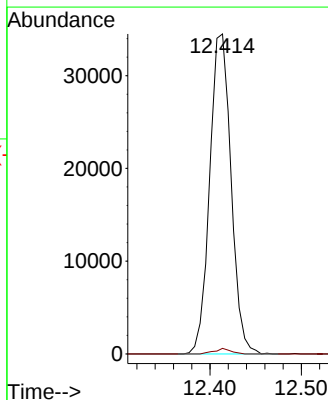
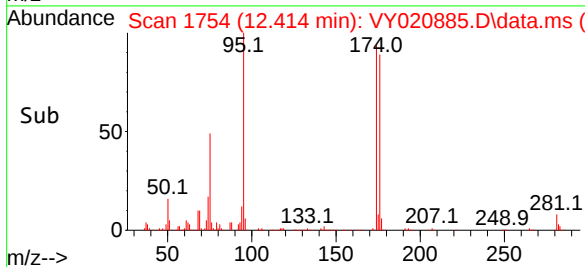
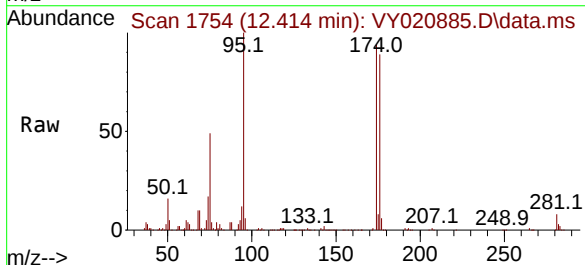


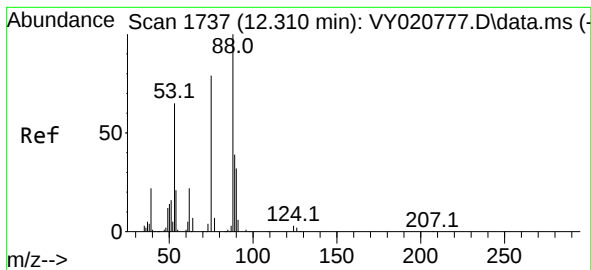
Tgt Ion:152 Resp: 105641
 Ion Ratio Lower Upper
 152 100
 115 56.6 29.0 87.0
 150 159.2 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 60.497 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.146 min
 Lab File: VY020885.D
 Acq: 20 Jan 2025 16:56

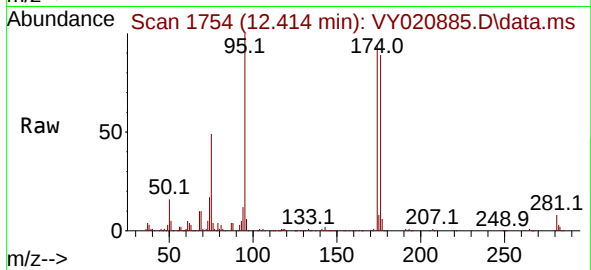
Tgt Ion: 75 Resp: 55920
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.561 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020885.D
 Acq: 20 Jan 2025 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 55920
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.2 39.6 59.4#

