

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020911.D
 Acq On : 23 Jan 2025 12:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 00:18:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

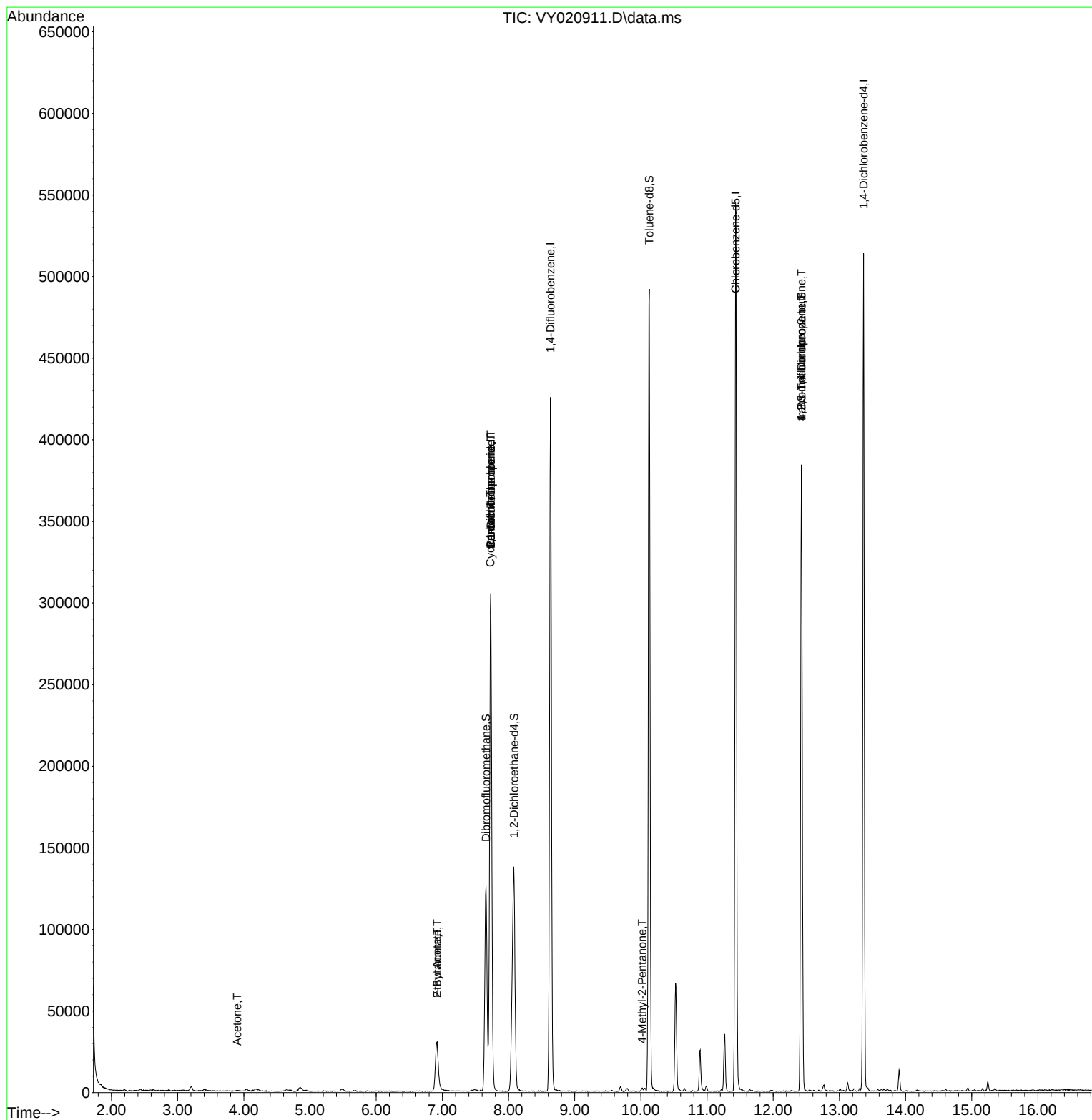
Internal Standards						
1) Pentafluorobenzene	7.732	168	248608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.634	114	376010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	306686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	135460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	86789	41.072	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.140%		
35) Dibromofluoromethane	7.659	113	91898	39.011	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.020%		
50) Toluene-d8	10.128	98	340491	41.463	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	82.920%		
62) 4-Bromofluorobenzene	12.426	95	104186	34.356	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	68.720%		
Target Compounds						Qvalue
16) Acetone	3.897	43	1040	3.461	ug/l #	41
25) 2-Butanone	6.921	43	1773	3.592	ug/l #	59
31) Cyclohexane	7.726	56	4171	1.357	ug/l #	1
36) 1,1-Dichloropropene	7.732	75	17317	5.763	ug/l #	50
37) Ethyl Acetate	6.921	43	1773	1.483	ug/l #	1
38) Carbon Tetrachloride	7.732	117	24039	5.748	ug/l #	16
51) 4-Methyl-2-Pentanone	10.018	43	1578	1.299	ug/l #	77
76) 1,2,3-Trichloropropane	12.426	75	52999	44.716	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.426	75	52999	94.284	ug/l #	14

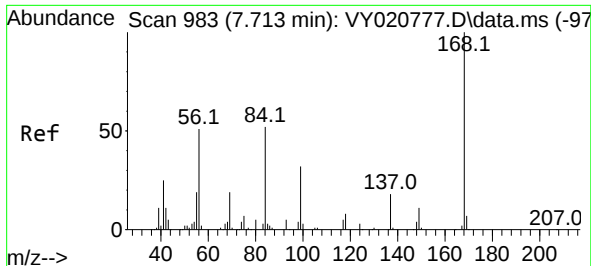
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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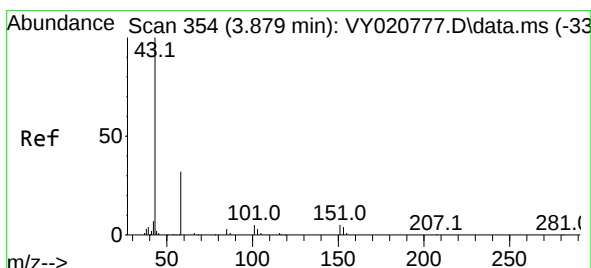
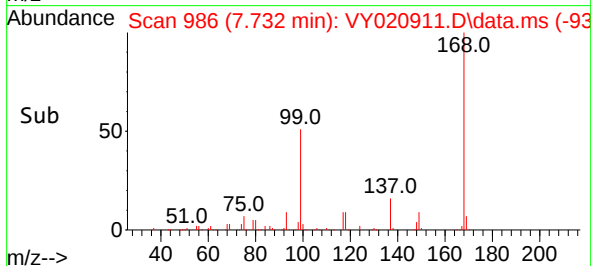
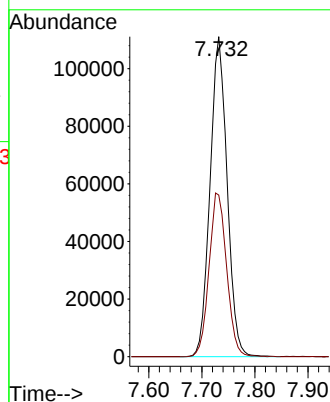
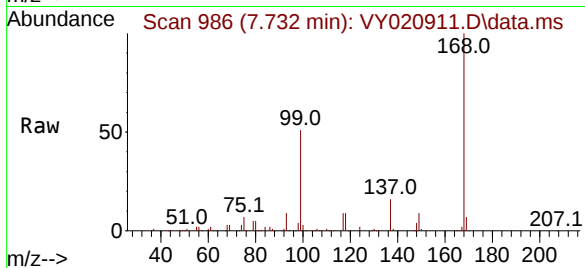




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

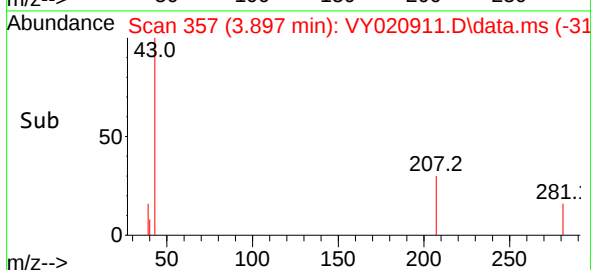
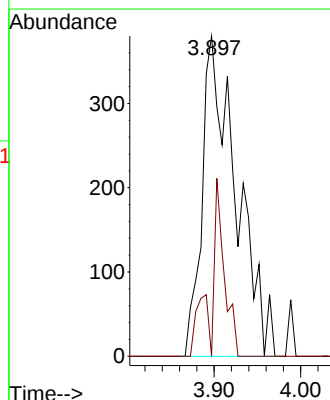
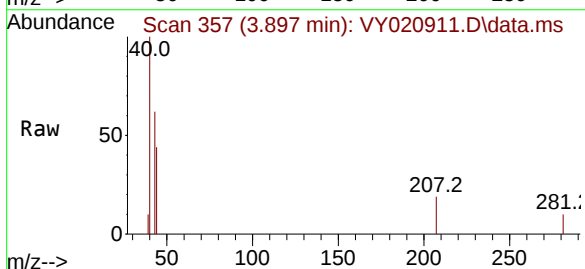
Instrument :
MSVOA_Y
ClientSampleId :

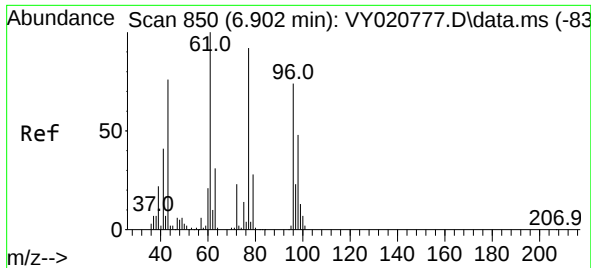
Tgt Ion:168 Resp: 248608
Ion Ratio Lower Upper
168 100
99 50.5 44.3 66.5



#16
Acetone
Concen: 3.461 ug/l
RT: 3.897 min Scan# 357
Delta R.T. -0.018 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

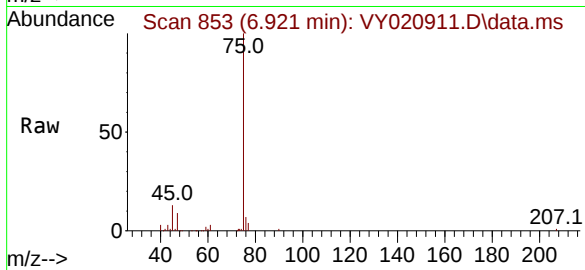
Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



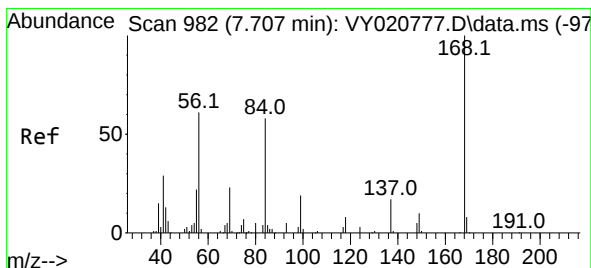
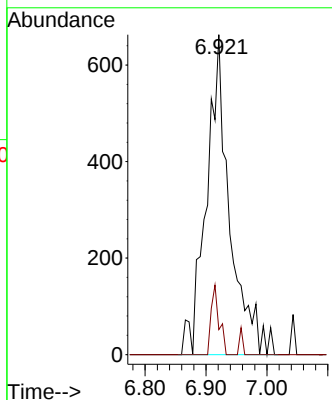
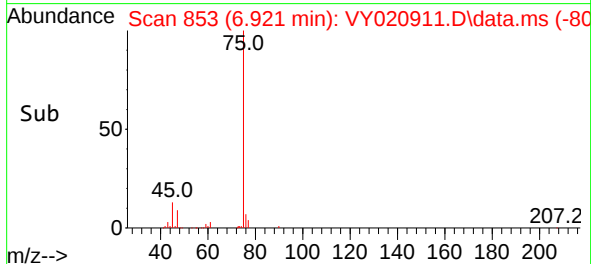


#25
2-Butanone
Concen: 3.592 ug/l
RT: 6.921 min Scan# 853
Delta R.T. -0.012 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

Instrument :
MSVOA_Y
ClientSampleId :

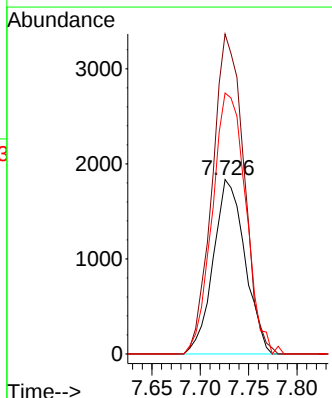
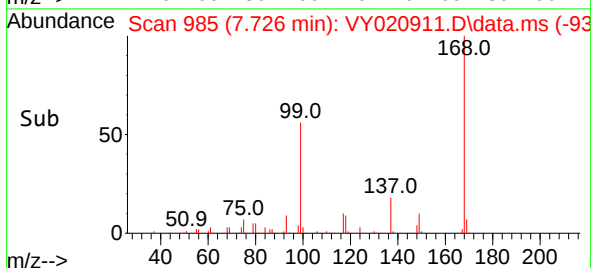
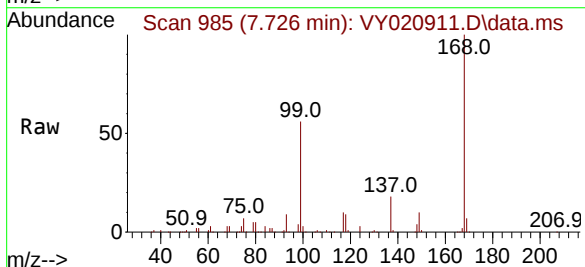


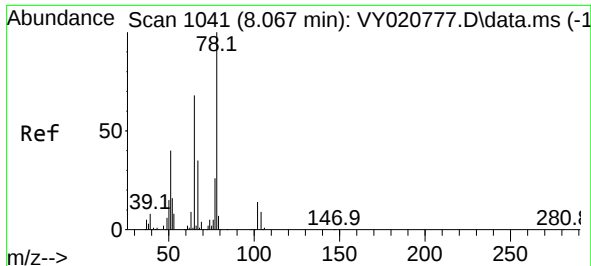
Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
72 7.8 24.0 36.0#



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.726 min Scan# 985
Delta R.T. -0.012 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

Tgt Ion: 56 Resp: 4171
Ion Ratio Lower Upper
56 100
69 183.5 30.5 45.7#
84 149.6 76.6 115.0#





#33

1,2-Dichloroethane-d4

Concen: 41.072 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY020911.D

Acq: 23 Jan 2025 12:56

Instrument :

MSVOA_Y

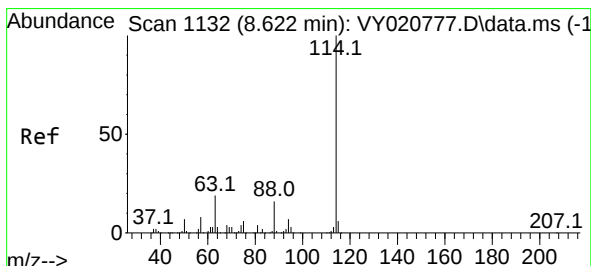
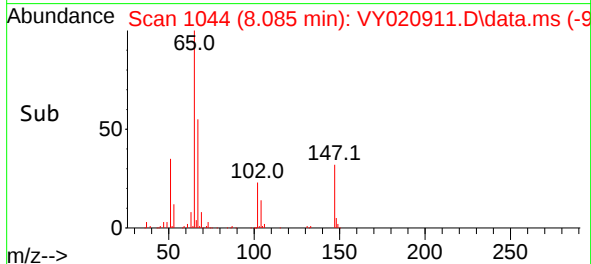
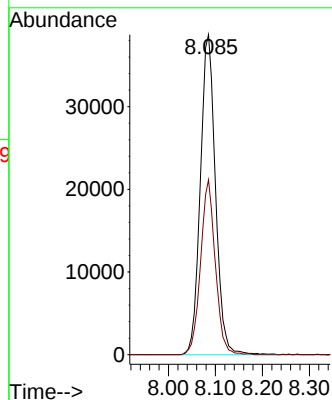
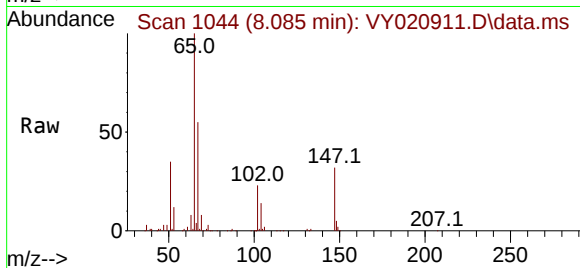
ClientSampleId :

Tgt Ion: 65 Resp: 86789

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VY020911.D

Acq: 23 Jan 2025 12:56

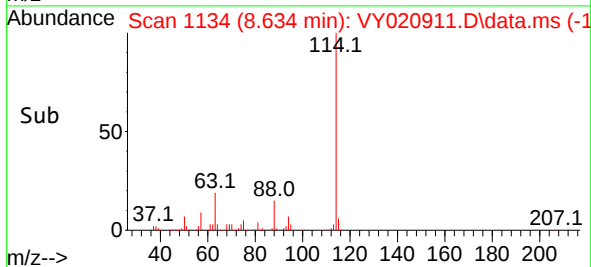
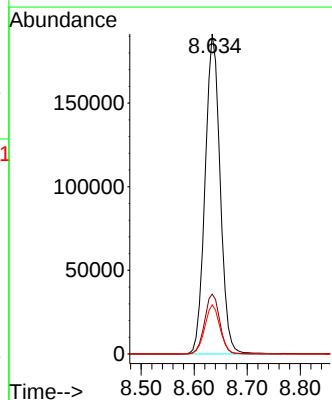
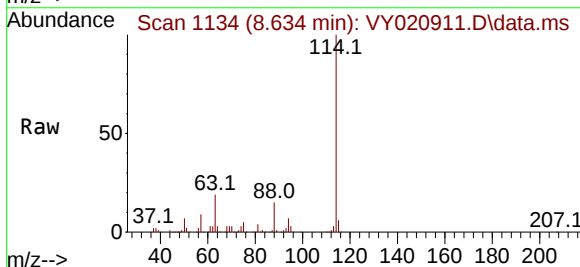
Tgt Ion: 114 Resp: 376010

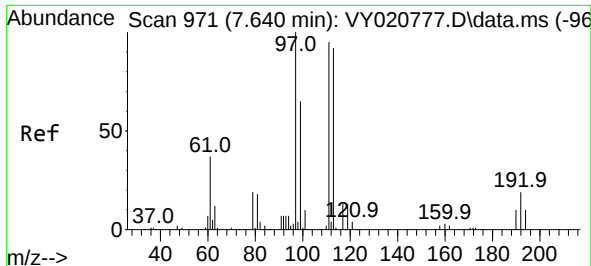
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

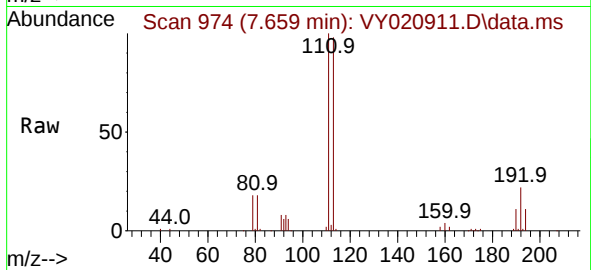
88 15.4 0.0 31.2



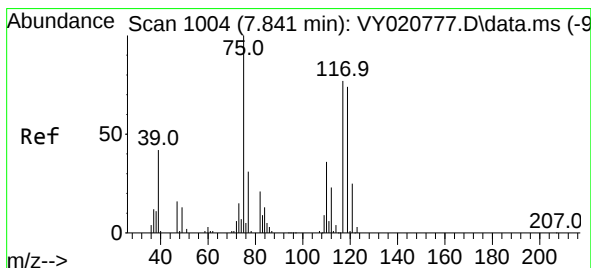
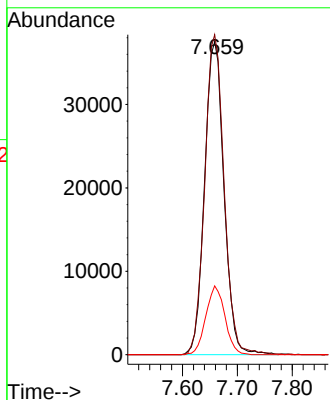
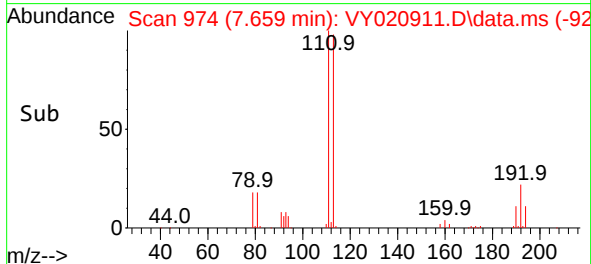


#35
Dibromofluoromethane
Concen: 39.011 ug/l
RT: 7.659 min Scan# 918
Delta R.T. -0.006 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

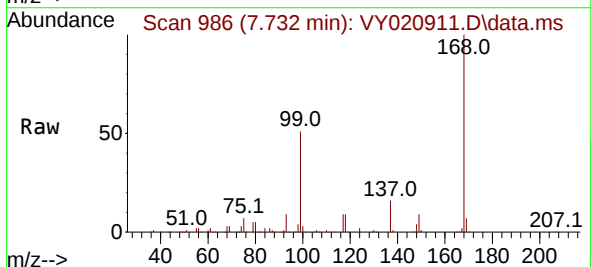
Instrument :
MSVOA_Y
ClientSampleId :



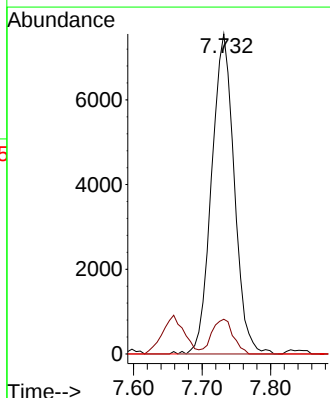
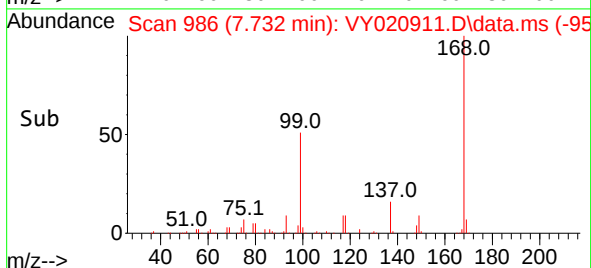
Tgt Ion:113 Resp: 91898
Ion Ratio Lower Upper
113 100
111 102.3 81.7 122.5
192 21.7 16.7 25.1

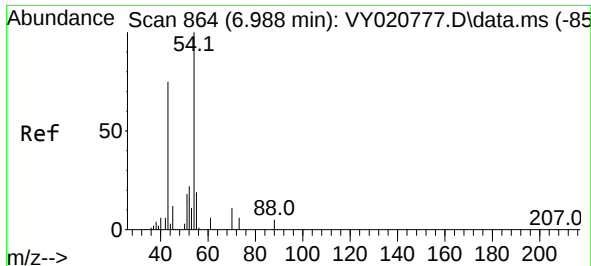


#36
1,1-Dichloropropene
Concen: 5.763 ug/l
RT: 7.732 min Scan# 986
Delta R.T. -0.134 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56



Tgt Ion: 75 Resp: 17317
Ion Ratio Lower Upper
75 100
110 10.3 18.5 55.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.483 ug/l

RT: 6.921 min Scan# 81

Delta R.T. -0.097 min

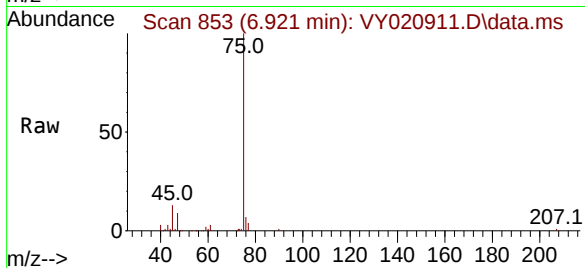
Lab File: VY020911.D

Acq: 23 Jan 2025 12:56

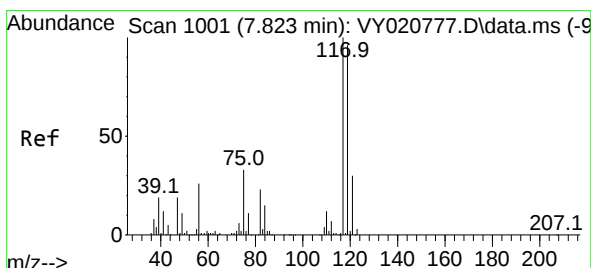
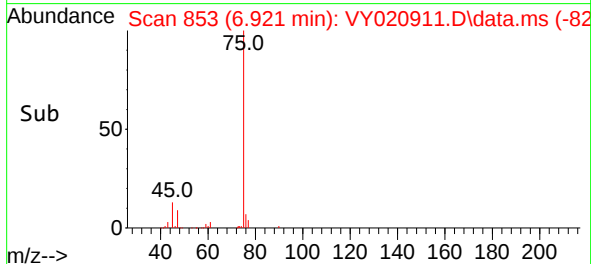
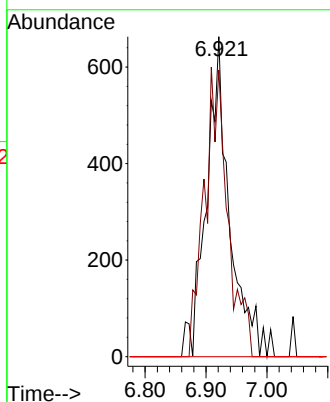
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	1773
Ion	Ratio	Lower	Upper
43	100		
61	90.7	11.8	17.6#
70	0.0	9.8	14.8#



#38

Carbon Tetrachloride

Concen: 5.748 ug/l

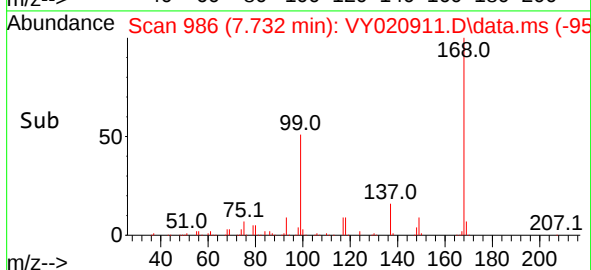
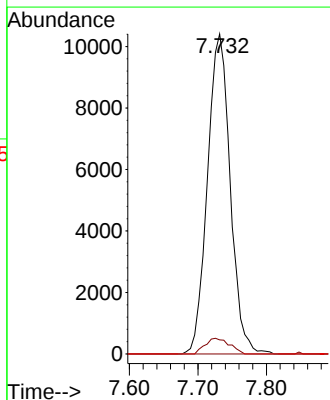
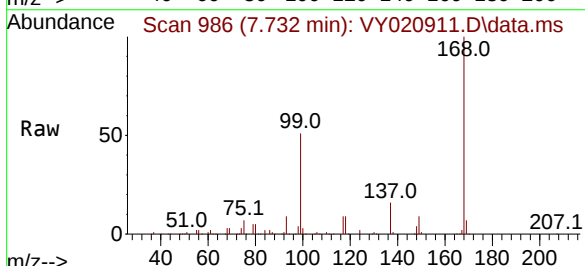
RT: 7.732 min Scan# 986

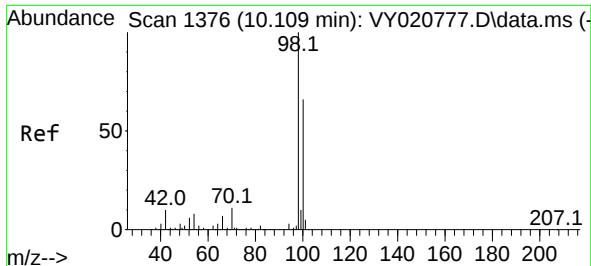
Delta R.T. -0.115 min

Lab File: VY020911.D

Acq: 23 Jan 2025 12:56

Tgt Ion:	117	Resp:	24039
Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.5	114.7#
121	0.0	24.3	36.5#

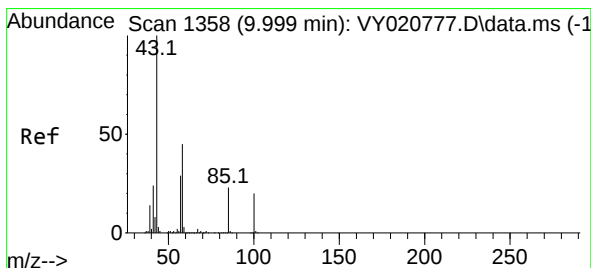
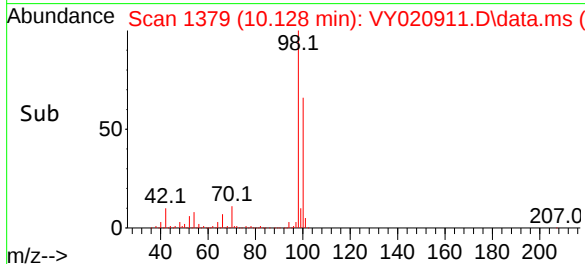
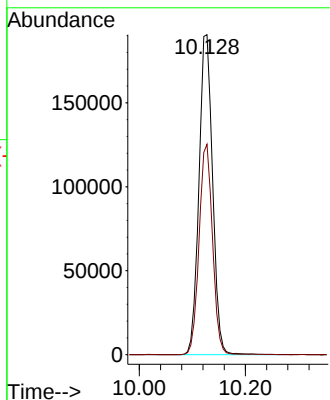
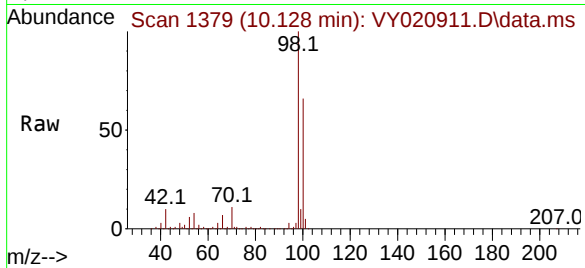




#50
Toluene-d8
Concen: 41.463 ug/l
RT: 10.128 min Scan# 1379
Delta R.T. -0.006 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

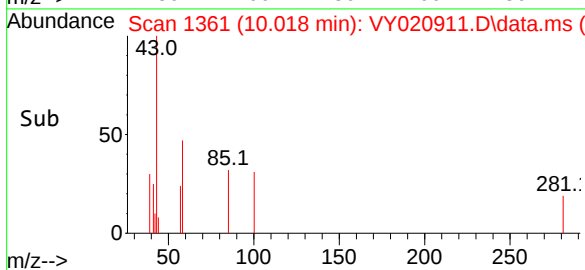
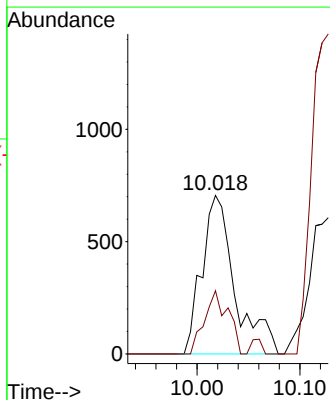
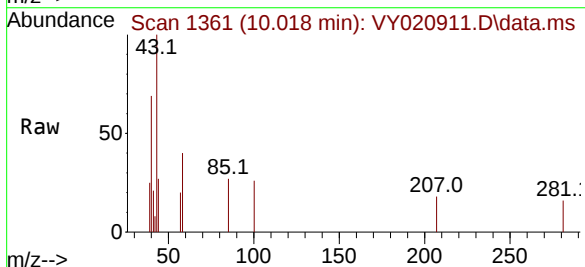
Instrument :
MSVOA_Y
ClientSampleId :

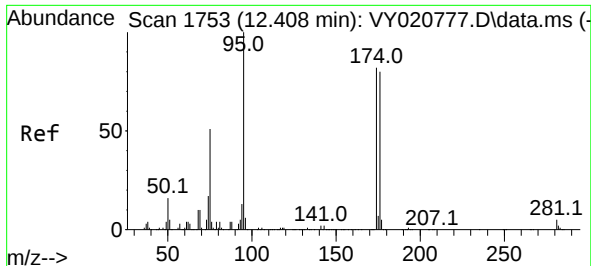
Tgt Ion: 98 Resp: 340491
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.299 ug/l
RT: 10.018 min Scan# 1361
Delta R.T. 0.000 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
58 28.5 34.8 52.2#

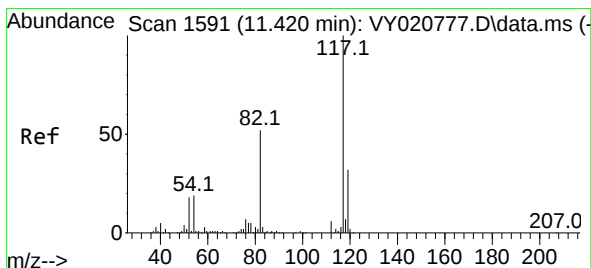
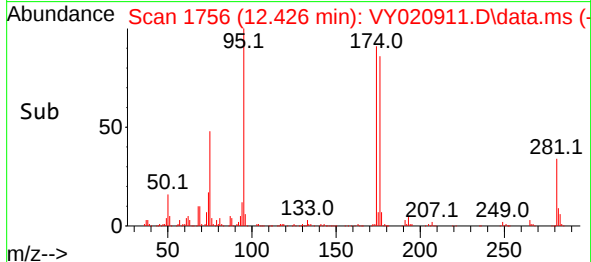
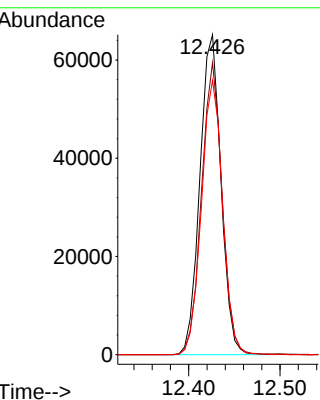
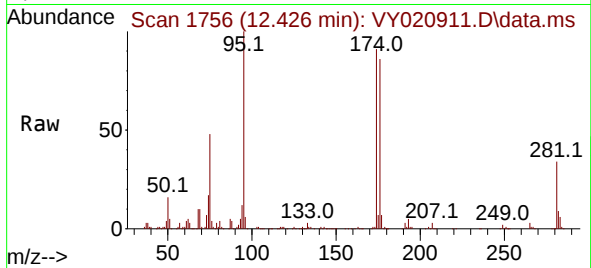




#62
4-Bromofluorobenzene
Concen: 34.356 ug/l
RT: 12.426 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

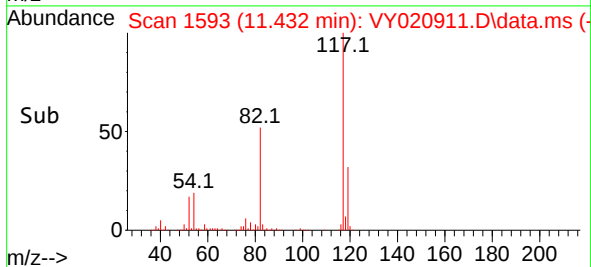
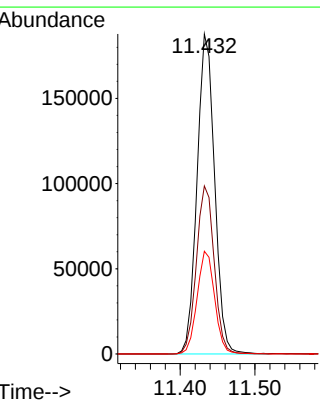
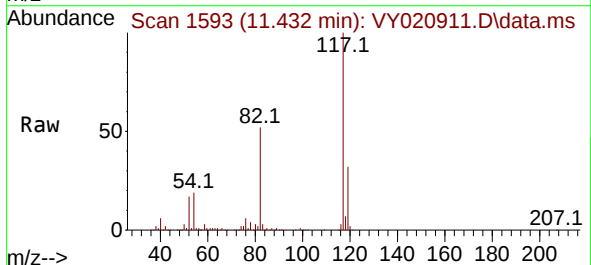
Instrument :
MSVOA_Y
ClientSampleId :

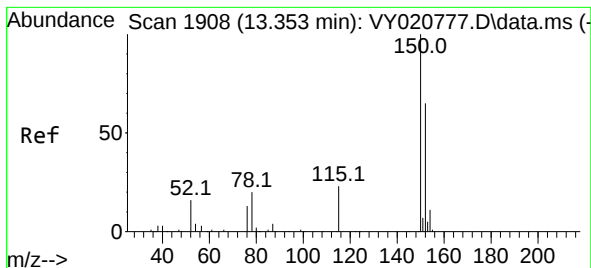
Tgt Ion: 95 Resp: 104186
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.0
176 86.3 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.432 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VY020911.D
Acq: 23 Jan 2025 12:56

Tgt Ion: 117 Resp: 306686
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.6
119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020911.D

Acq: 23 Jan 2025 12:56

Instrument :

MSVOA_Y

ClientSampleId :

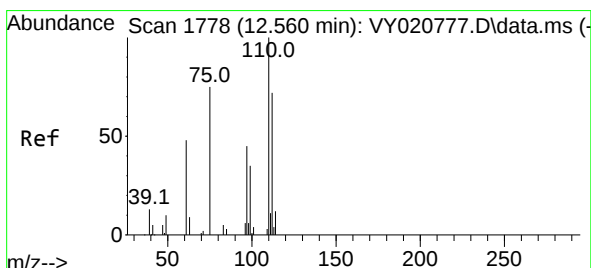
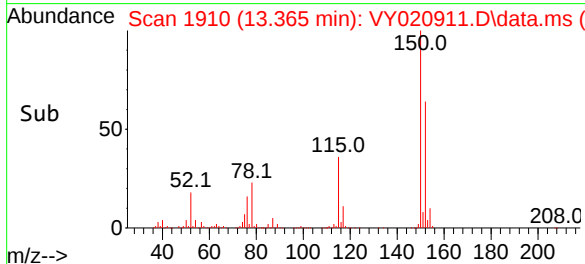
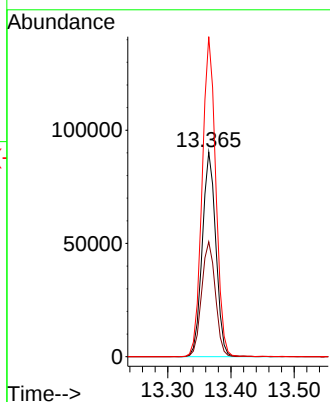
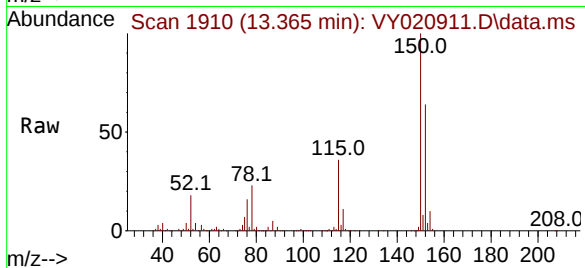
Tgt Ion:152 Resp: 135460

Ion Ratio Lower Upper

152 100

115 56.8 29.0 87.0

150 156.8 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 44.716 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. -0.152 min

Lab File: VY020911.D

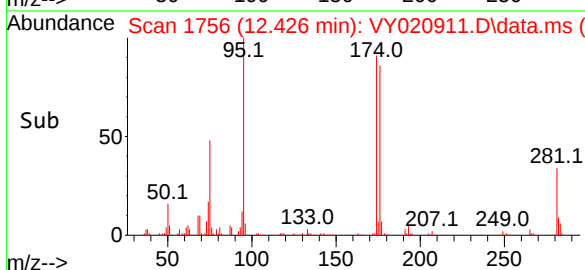
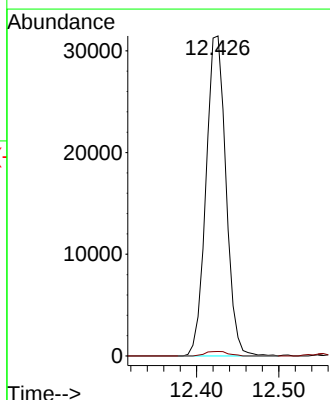
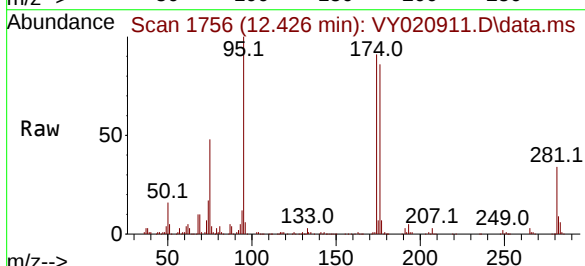
Acq: 23 Jan 2025 12:56

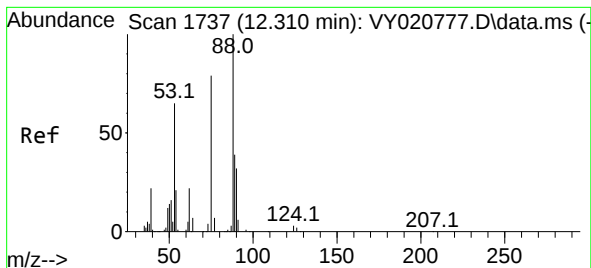
Tgt Ion: 75 Resp: 52999

Ion Ratio Lower Upper

75 100

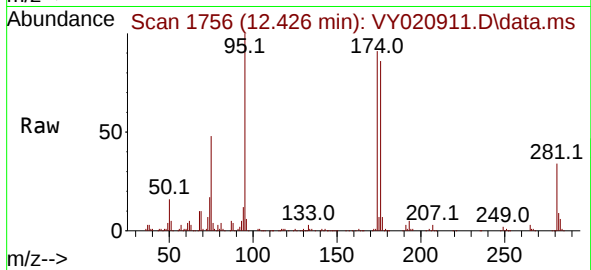
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.284 ug/l
 RT: 12.426 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020911.D
 Acq: 23 Jan 2025 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 52999
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.6 39.6 59.4#

