

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020886.D
 Acq On : 20 Jan 2025 17:20
 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 00:44:28 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)

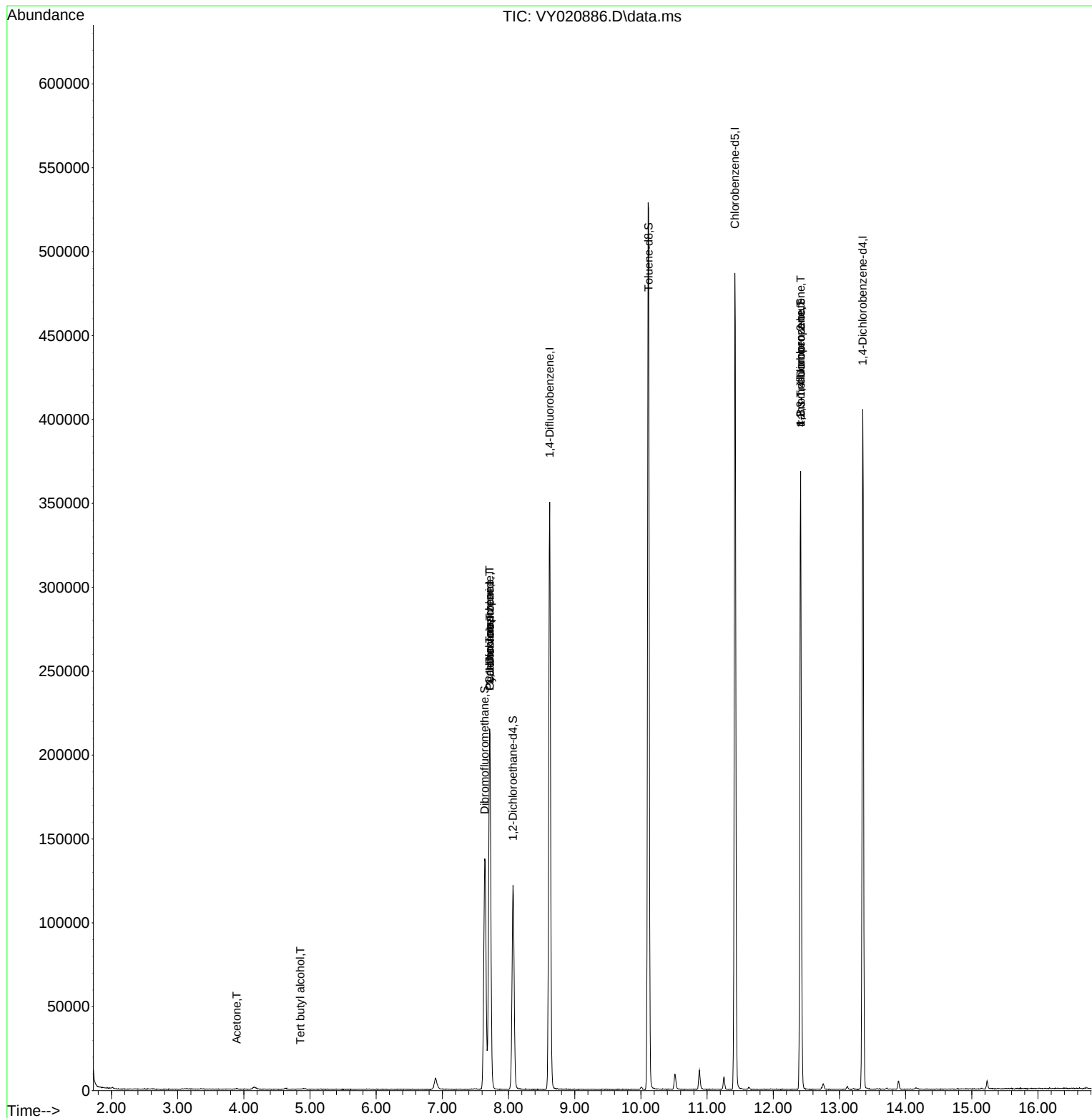
Internal Standards						
1) Pentafluorobenzene	7.719	168	176524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	307215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	270757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	105633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95895	63.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.820%	
35) Dibromofluoromethane	7.640	113	101348	52.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.320%	
50) Toluene-d8	10.115	98	362909	54.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	12.414	95	110657	44.661	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	207	1.826	ug/l #	73
16) Acetone	3.891	43	609	2.854	ug/l #	41
31) Cyclohexane	7.719	56	2868	1.314	ug/l #	11
36) 1,1-Dichloropropene	7.713	75	12305	5.012	ug/l #	49
38) Carbon Tetrachloride	7.713	117	17088	5.001	ug/l #	17
76) 1,2,3-Trichloropropane	12.414	75	55878	60.457	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	55878	127.475	ug/l #	14

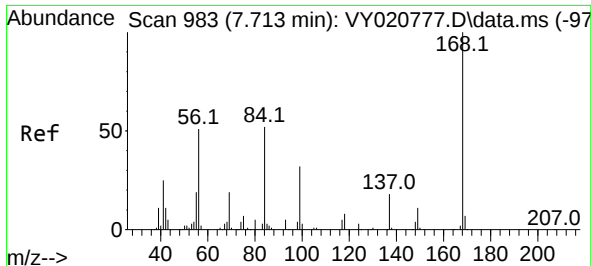
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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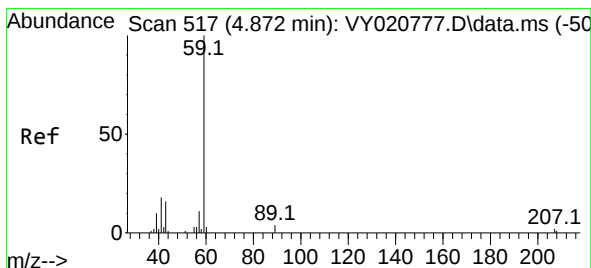
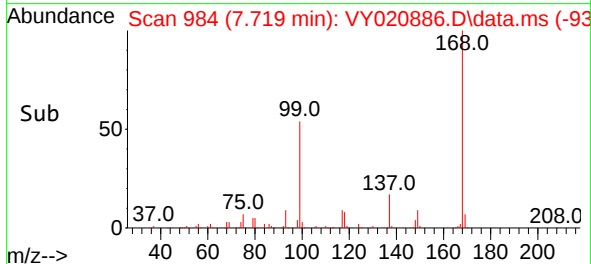
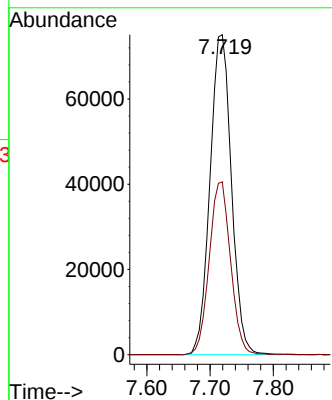
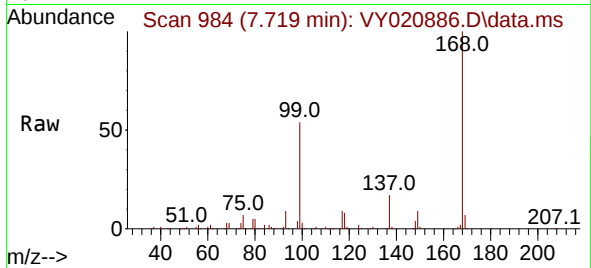




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020886.D
Acq: 20 Jan 2025 17:20

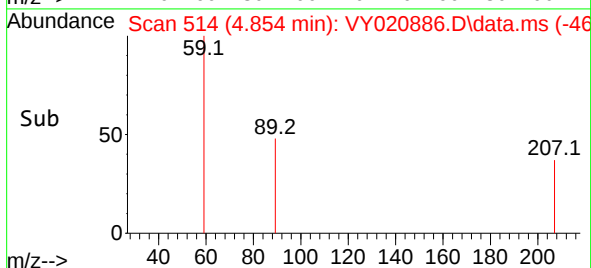
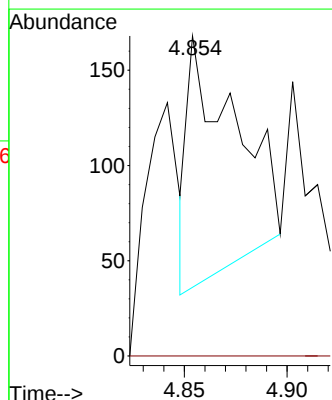
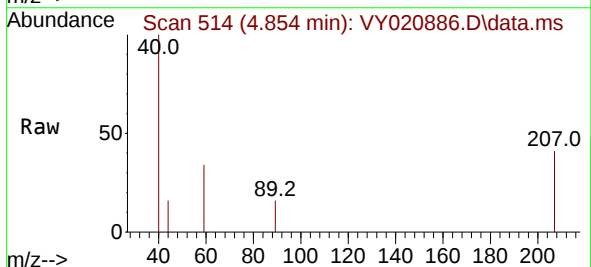
Instrument :
MSVOA_Y
ClientSampleId :

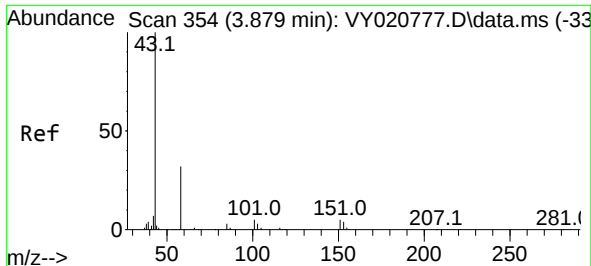
Tgt Ion:168 Resp: 176524
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5



#11
Tert butyl alcohol
Concen: 1.826 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY020886.D
Acq: 20 Jan 2025 17:20

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

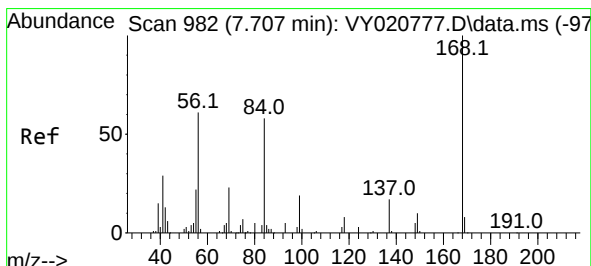
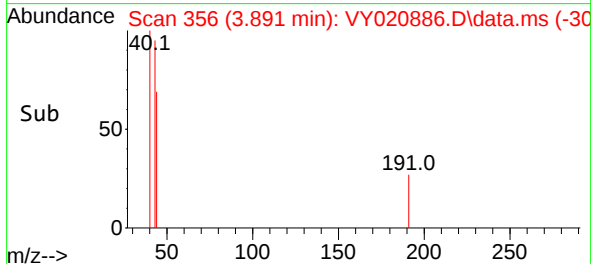
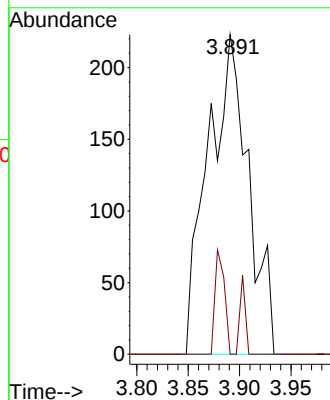
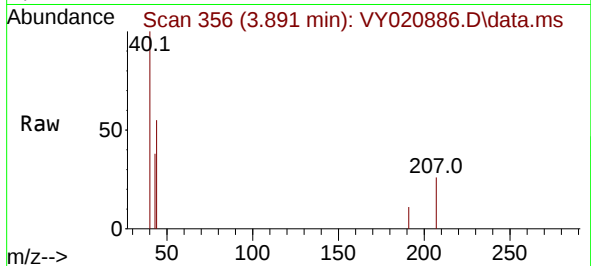




#16
Acetone
Concen: 2.854 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY020886.D
Acq: 20 Jan 2025 17:20

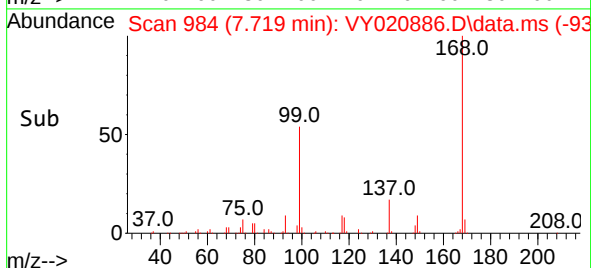
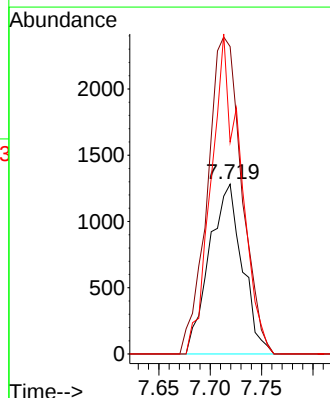
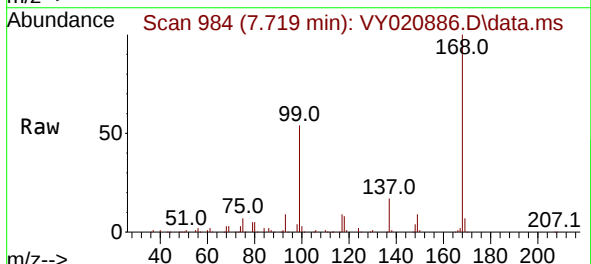
Instrument :
MSVOA_Y
ClientSampleId :

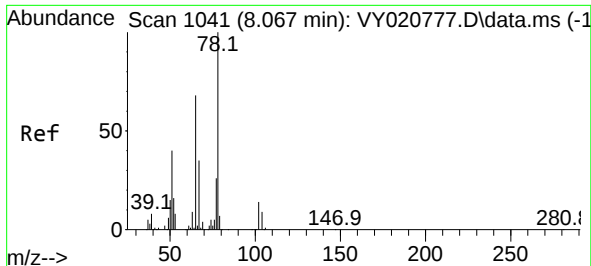
Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY020886.D
Acq: 20 Jan 2025 17:20

Tgt Ion: 56 Resp: 2868
Ion Ratio Lower Upper
56 100
69 181.1 30.5 45.7#
84 124.8 76.6 115.0#





#33

1,2-Dichloroethane-d4

Concen: 63.913 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020886.D

Acq: 20 Jan 2025 17:20

Instrument :

MSVOA_Y

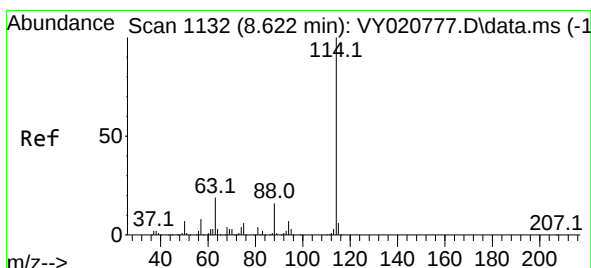
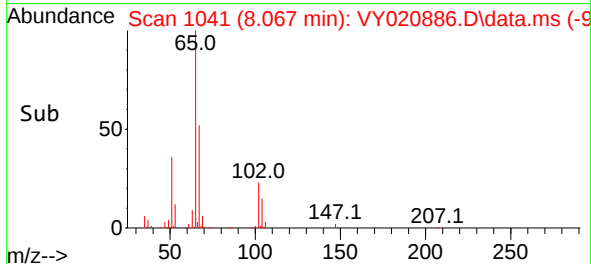
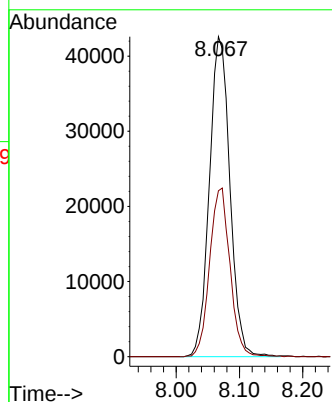
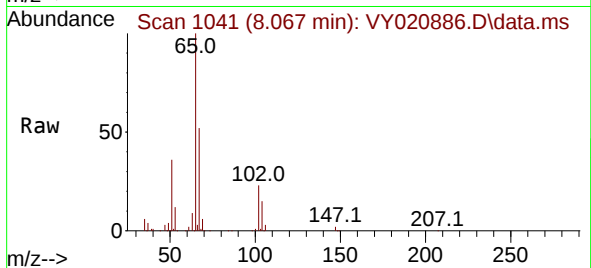
ClientSampleId :

Tgt Ion: 65 Resp: 95895

Ion Ratio Lower Upper

65 100

67 52.2 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: VY020886.D

Acq: 20 Jan 2025 17:20

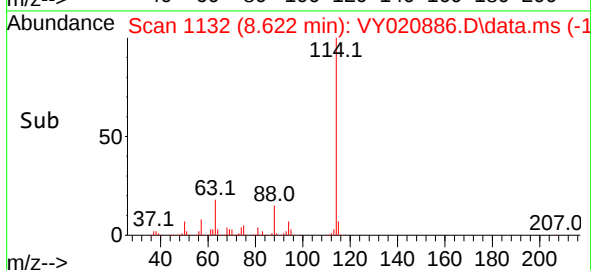
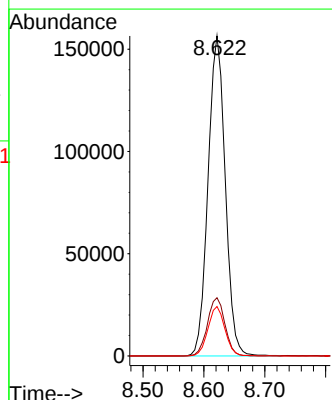
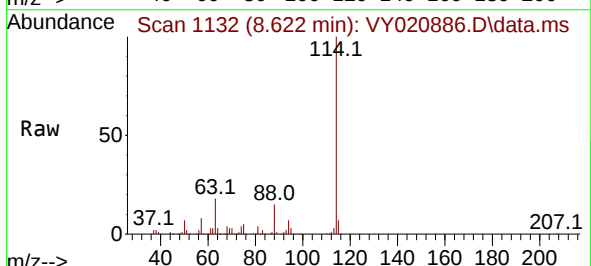
Tgt Ion: 114 Resp: 307215

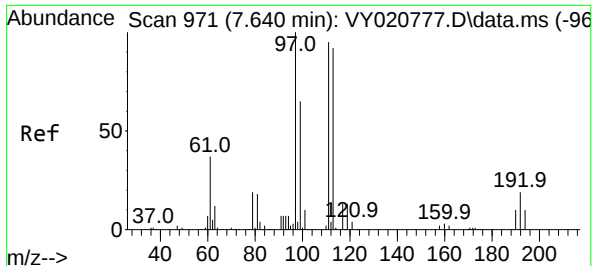
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

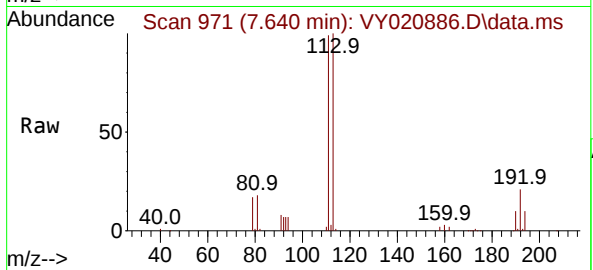
88 15.5 0.0 31.2



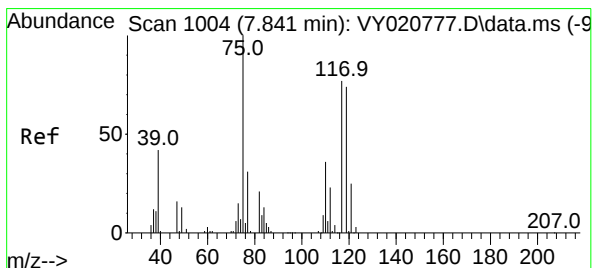
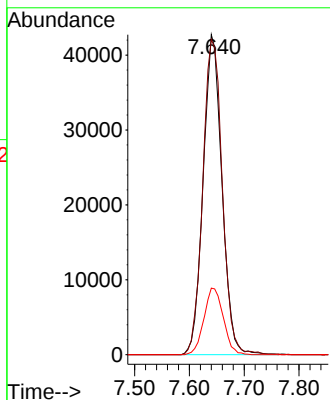
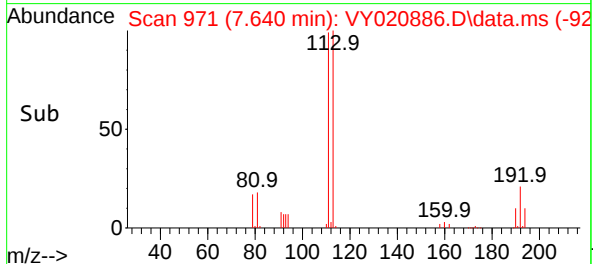


#35
Dibromofluoromethane
Concen: 52.657 ug/l
RT: 7.640 min Scan# 913
Delta R.T. -0.000 min
Lab File: VY020886.D
Acq: 20 Jan 2025 17:20

Instrument :
MSVOA_Y
ClientSampleId :

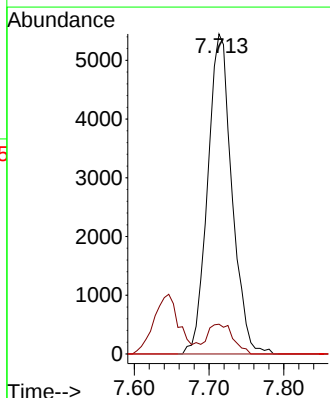
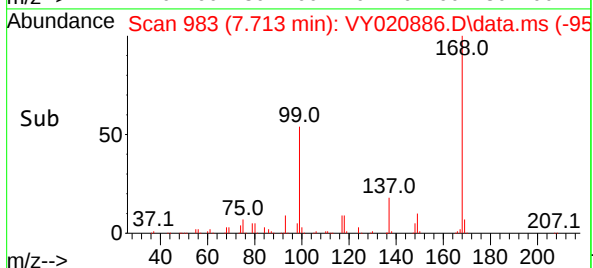
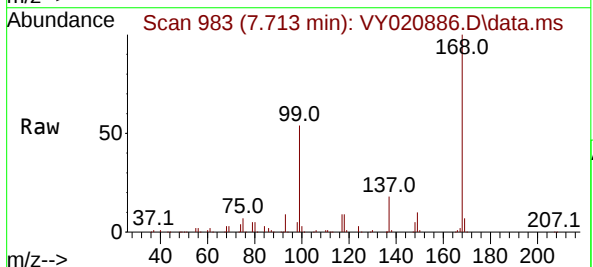


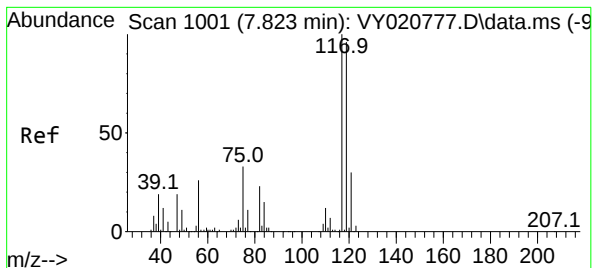
Tgt Ion:113 Resp: 101348
Ion Ratio Lower Upper
113 100
111 102.4 81.7 122.5
192 21.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020886.D
Acq: 20 Jan 2025 17:20

Tgt Ion: 75 Resp: 12305
Ion Ratio Lower Upper
75 100
110 9.6 18.5 55.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.001 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY020886.D

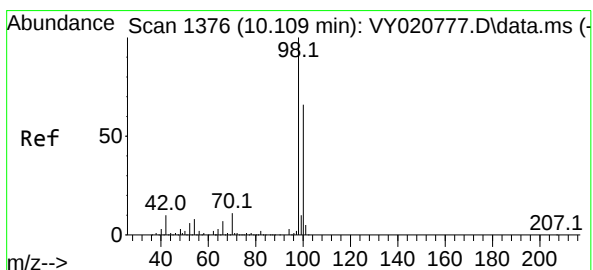
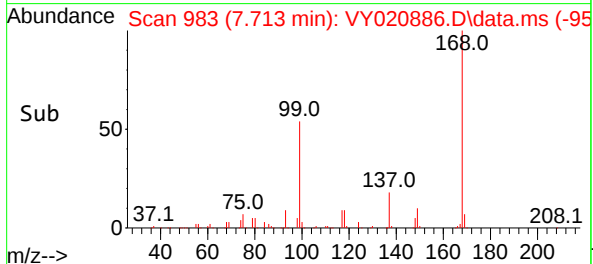
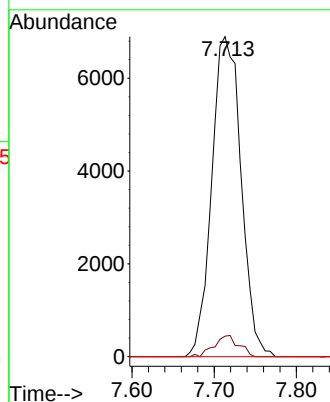
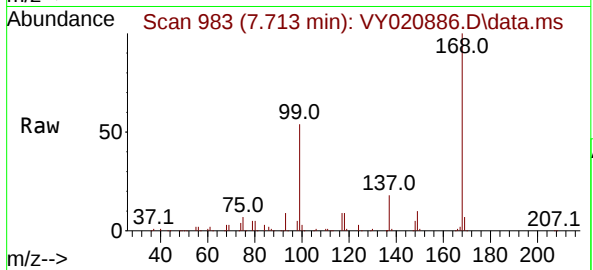
Acq: 20 Jan 2025 17:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	17088
Ion Ratio	Lower	Upper
117	100	
119	6.4	76.5 114.7#
121	0.0	24.3 36.5#



#50

Toluene-d8

Concen: 54.089 ug/l

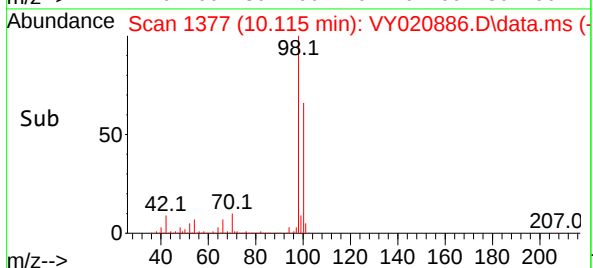
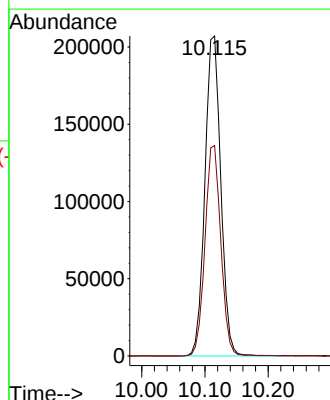
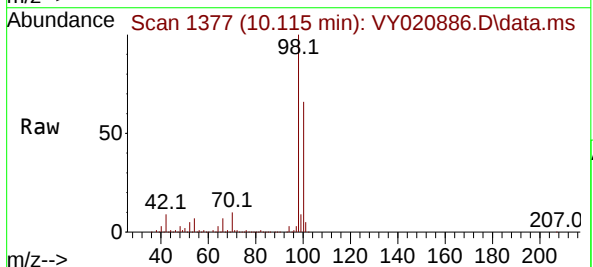
RT: 10.115 min Scan# 1377

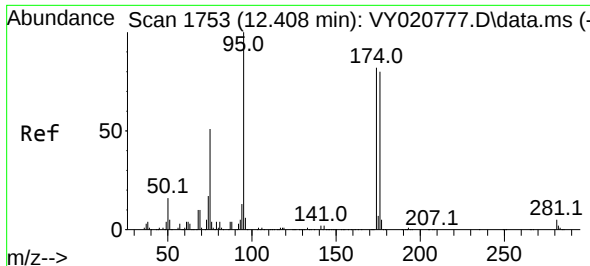
Delta R.T. 0.006 min

Lab File: VY020886.D

Acq: 20 Jan 2025 17:20

Tgt Ion: 98	Resp:	362909
Ion Ratio	Lower	Upper
98	100	
100	65.5	52.5 78.7

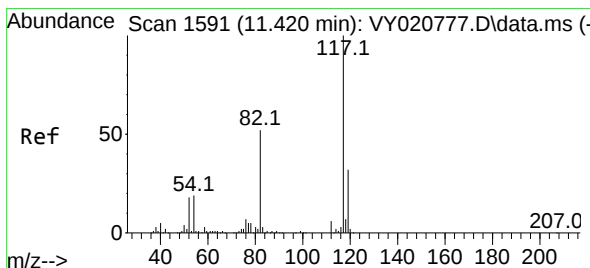
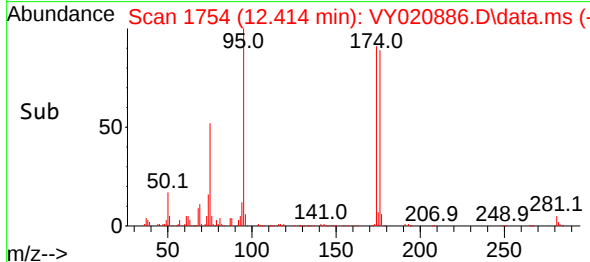
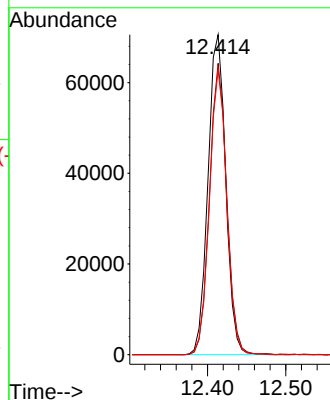
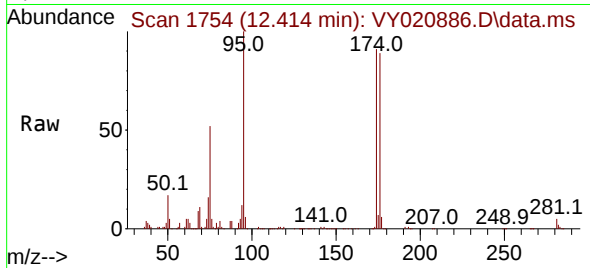




#62
4-Bromofluorobenzene
Concen: 44.661 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020886.D
Acq: 20 Jan 2025 17:20

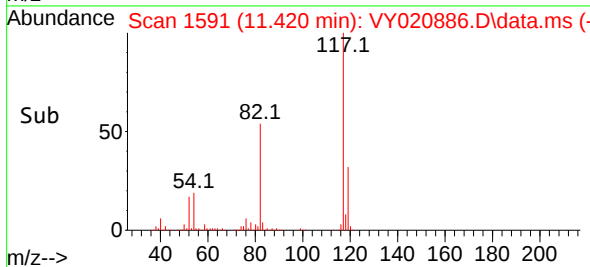
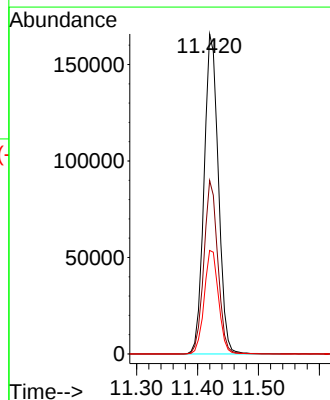
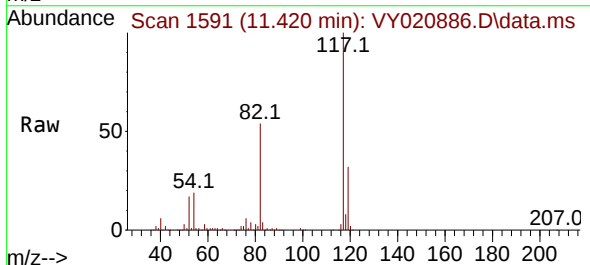
Instrument :
MSVOA_Y
ClientSampleId :

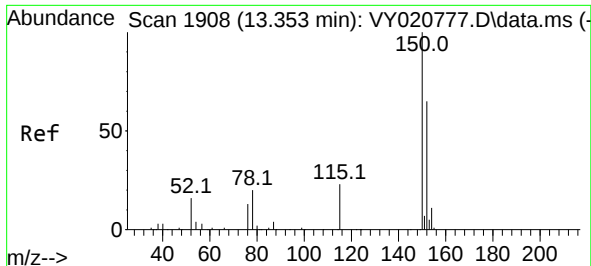
Tgt Ion: 95 Resp: 110657
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.0
176 86.9 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020886.D
Acq: 20 Jan 2025 17:20

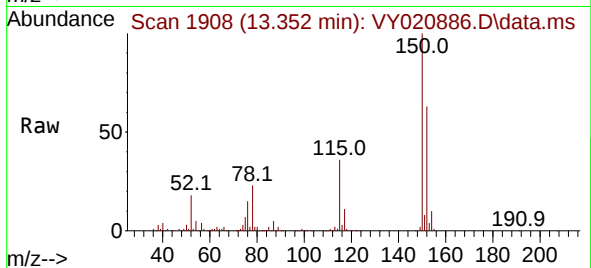
Tgt Ion: 117 Resp: 270757
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.6
119 32.3 25.8 38.8





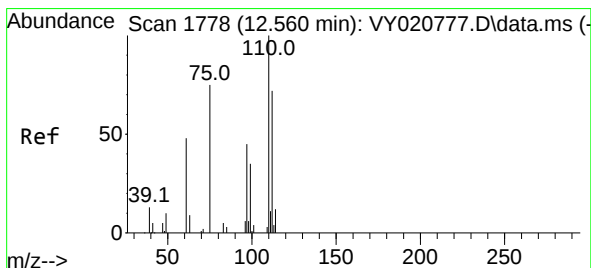
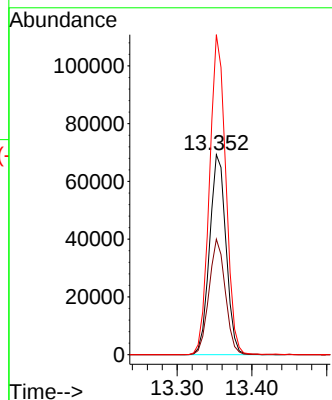
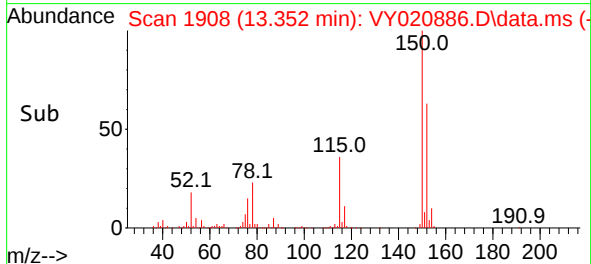
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY020886.D
 Acq: 20 Jan 2025 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:152 Resp: 105633

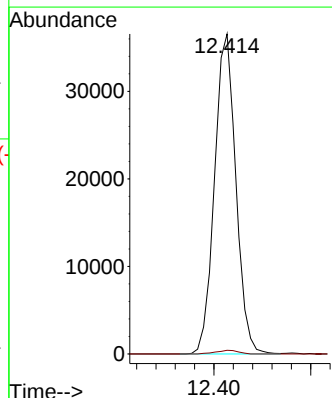
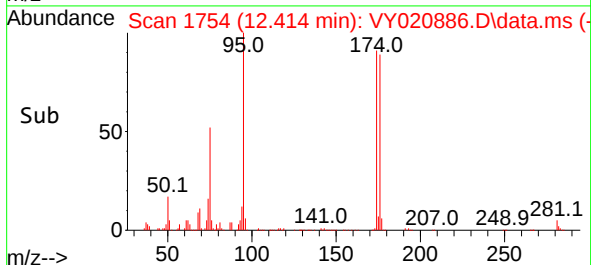
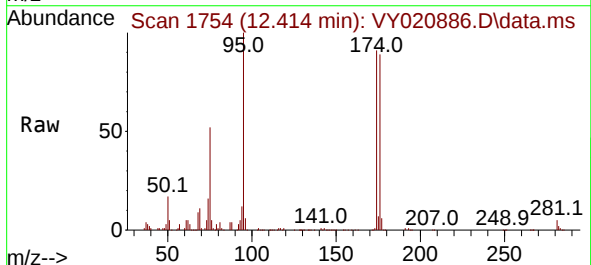
Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.0	87.0
150	158.7	0.0	347.4

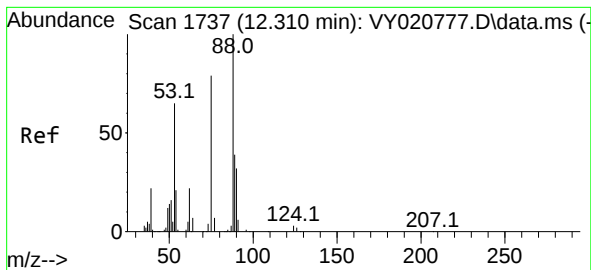


#76
 1,2,3-Trichloropropane
 Concen: 60.457 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.146 min
 Lab File: VY020886.D
 Acq: 20 Jan 2025 17:20

Tgt Ion: 75 Resp: 55878

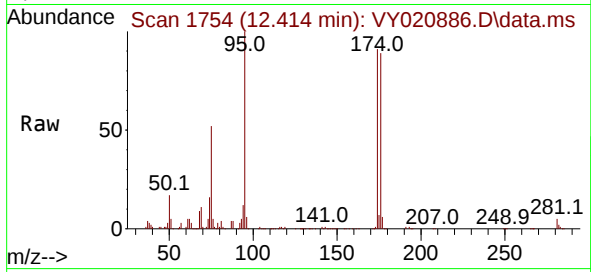
Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.475 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY020886.D
 Acq: 20 Jan 2025 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 55878
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.1 39.6 59.4#

