

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020803.D
 Acq On : 08 Jan 2025 11:50
 Operator : SY/MD
 Sample : Q1029-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 00:19:39 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)

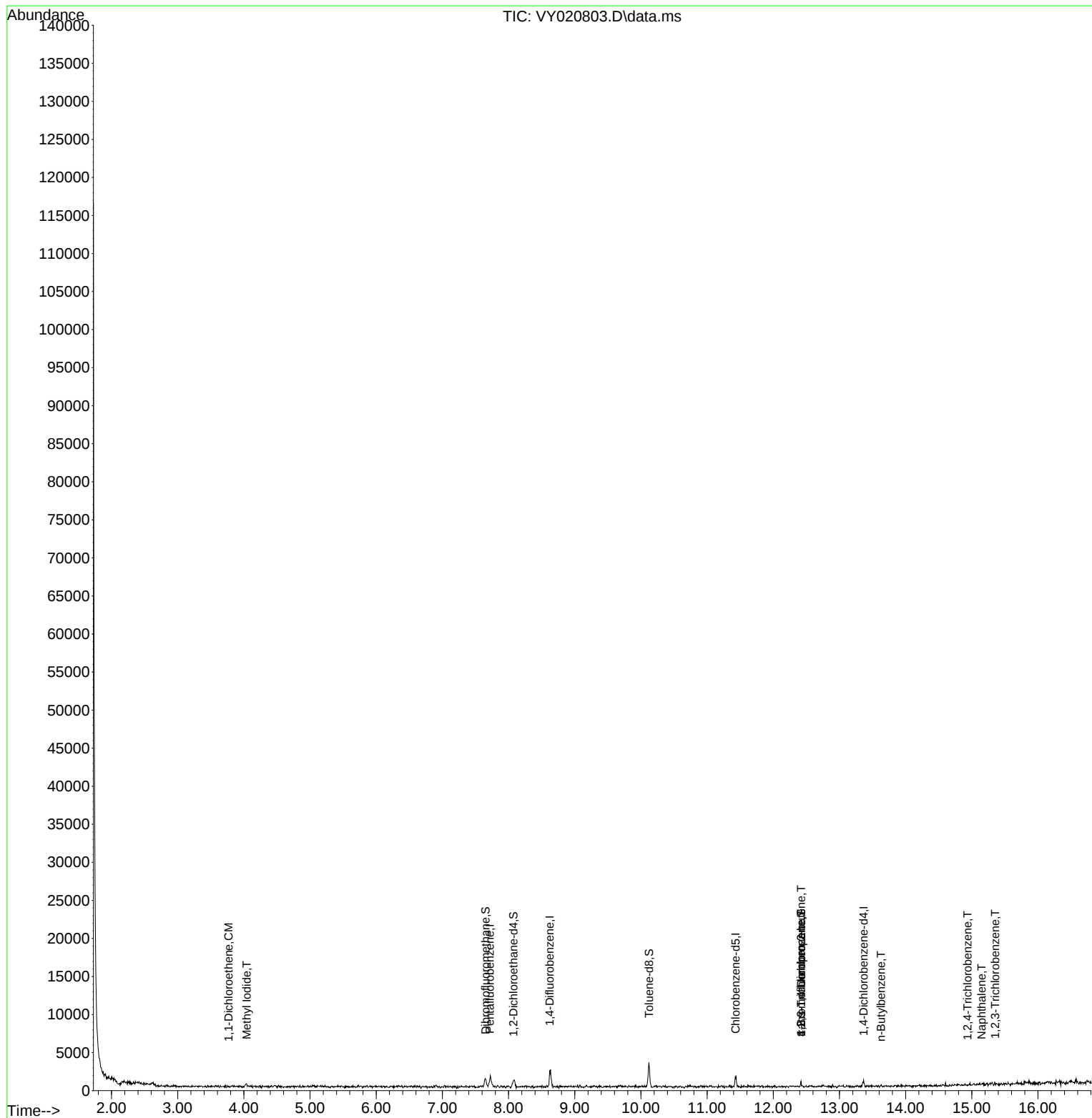
Internal Standards						
1) Pentafluorobenzene	7.719	168	1517	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.621	114	2536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	925	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.364	152	335	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	977	75.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.540%	
35) Dibromofluoromethane	7.652	113	955	60.109	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.220%	
50) Toluene-d8	10.121	98	2405	43.423	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.840%	
62) 4-Bromofluorobenzene	12.419	95	239	11.685	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 23.380%#	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.043	142	294	20.312	ug/l	# 81
12) 1,1-Dichloroethene	3.769	96	29	2.451	ug/l	# 1
76) 1,2,3-Trichloropropane	12.419	75	45	15.352	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.419	75	45	32.371	ug/l	# 14
89) n-Butylbenzene	13.627	91	51	2.449	ug/l	# 33
93) 1,2,4-Trichlorobenzene	14.937	180	21	3.505	ug/l	# 12
95) Naphthalene	15.151	128	147	14.909	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.352	180	30	5.977	ug/l	# 34

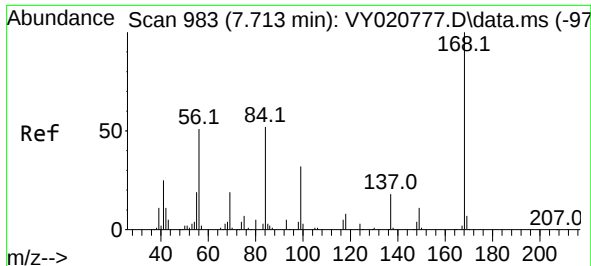
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

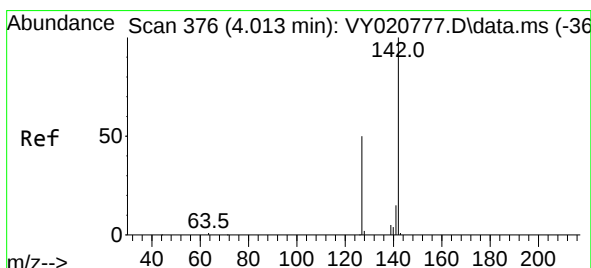
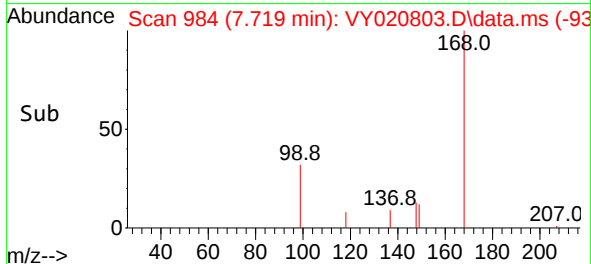
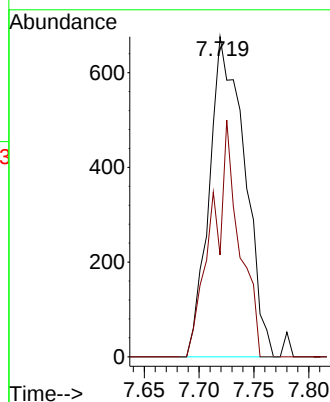
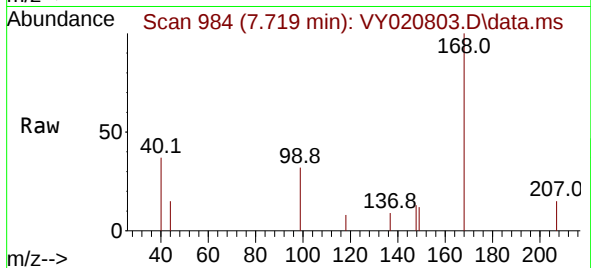




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

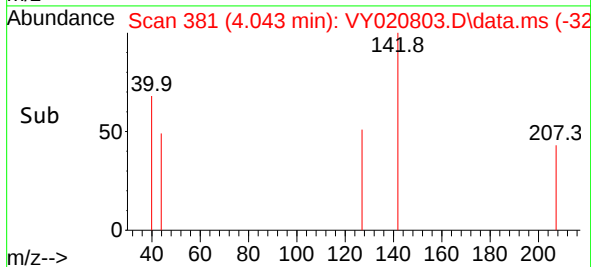
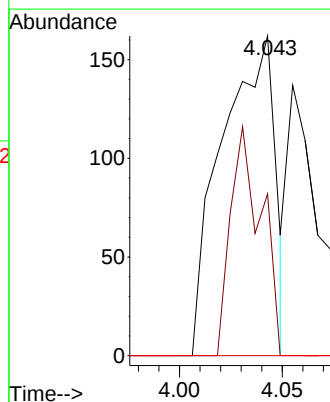
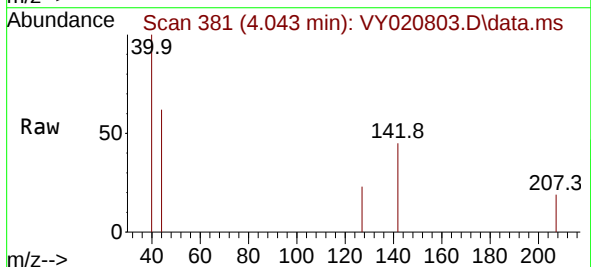
Instrument :
MSVOA_Y
ClientSampleId :

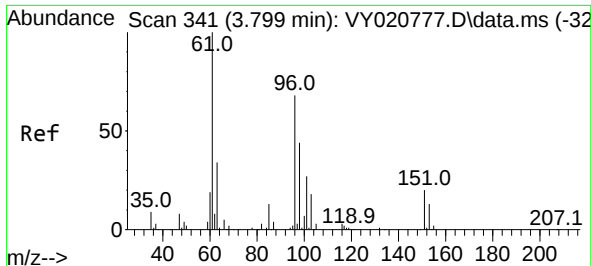
Tgt Ion:168 Resp: 1517
Ion Ratio Lower Upper
168 100
99 31.8 44.3 66.5#



#10
Methyl Iodide
Concen: 20.312 ug/l
RT: 4.043 min Scan# 381
Delta R.T. 0.030 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

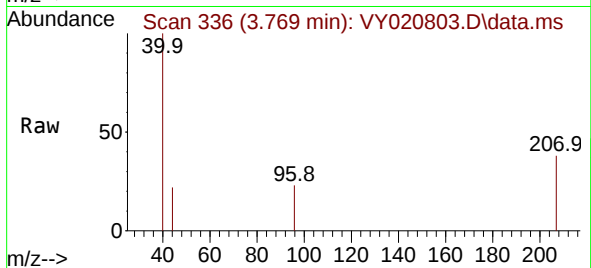
Tgt Ion:142 Resp: 294
Ion Ratio Lower Upper
142 100
127 41.2 41.0 61.6
141 0.0 11.6 17.4#



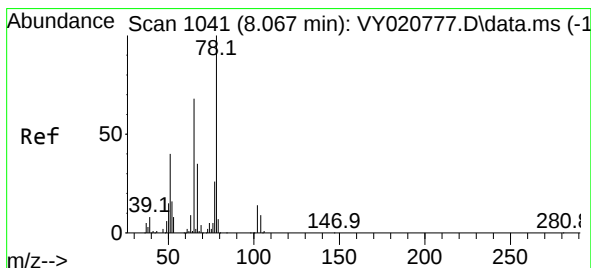
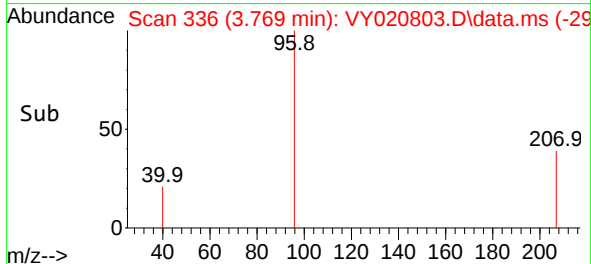
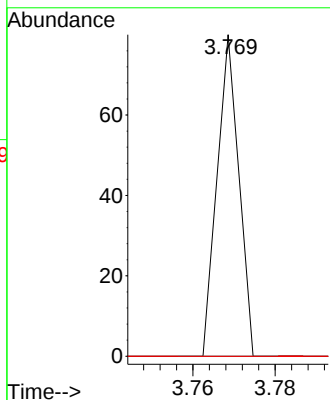


#12
1,1-Dichloroethene
Concen: 2.451 ug/l
RT: 3.769 min Scan# 31
Delta R.T. -0.031 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

Instrument :
MSVOA_Y
ClientSampleId :

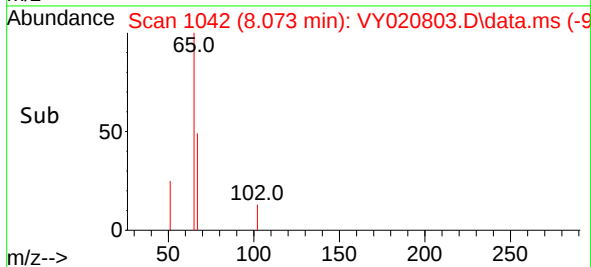
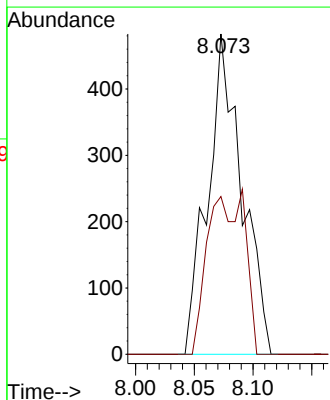
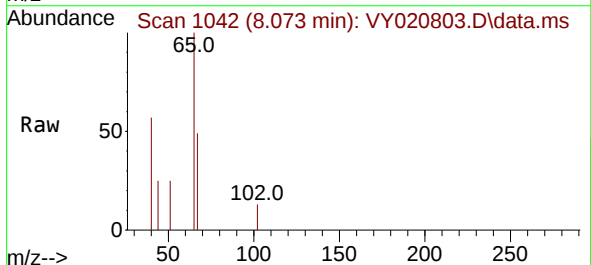


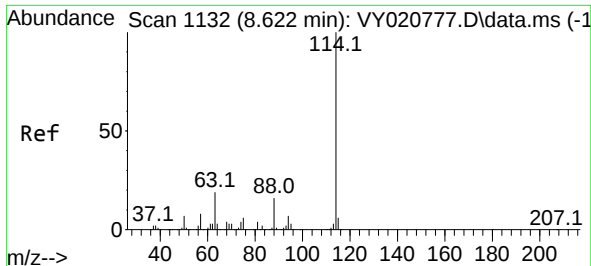
Tgt Ion: 96 Resp: 29
Ion Ratio Lower Upper
96 100
61 0.0 117.8 176.8#
98 0.0 51.9 77.9#



#33
1,2-Dichloroethane-d4
Concen: 75.772 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

Tgt Ion: 65 Resp: 977
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020803.D

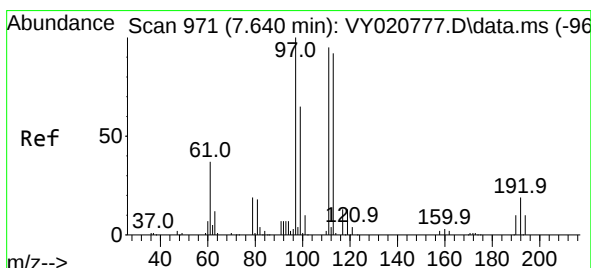
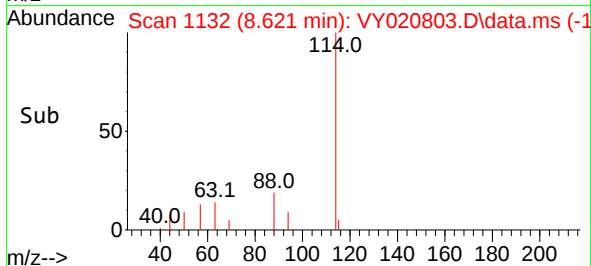
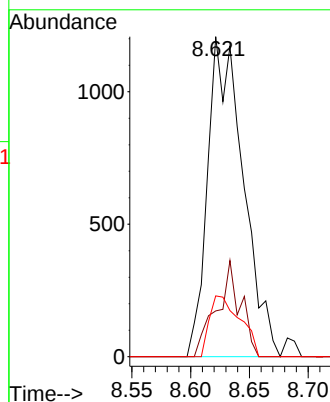
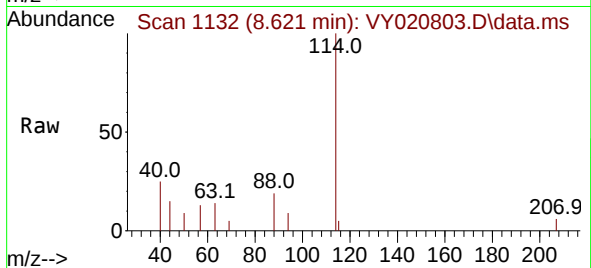
Acq: 08 Jan 2025 11:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	2536
Ion	Ratio	Lower Upper
114	100	
63	14.3	0.0 38.4
88	19.0	0.0 31.2



#35

Dibromofluoromethane

Concen: 60.109 ug/l

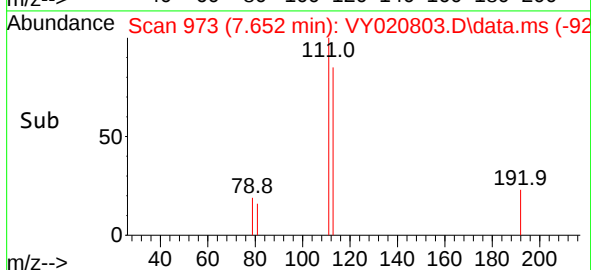
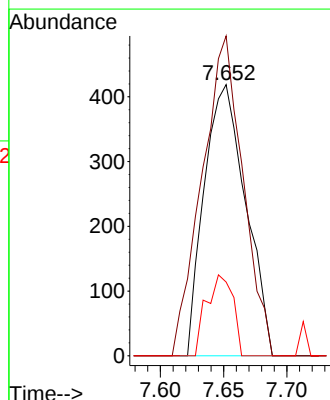
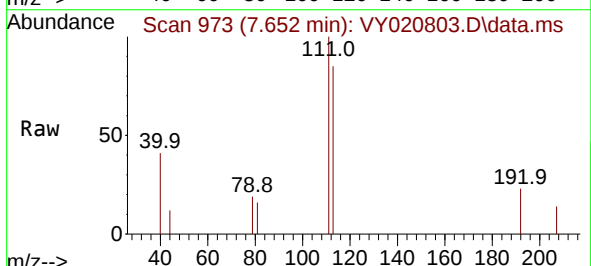
RT: 7.652 min Scan# 973

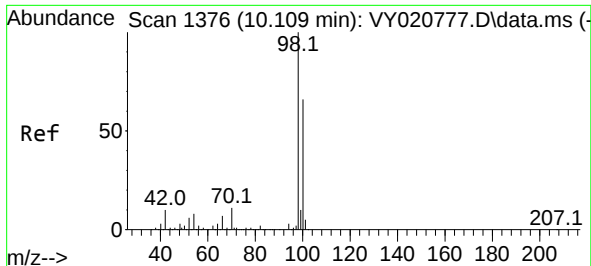
Delta R.T. 0.012 min

Lab File: VY020803.D

Acq: 08 Jan 2025 11:50

Tgt Ion:113	Resp:	955
Ion	Ratio	Lower Upper
113	100	
111	116.6	81.7 122.5
192	19.0	16.7 25.1

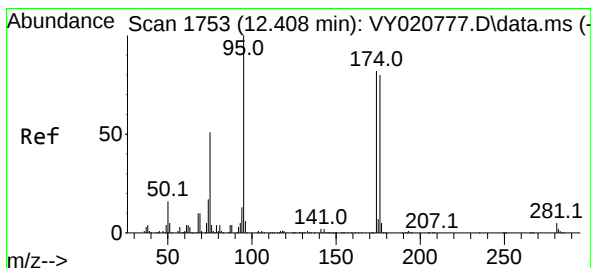
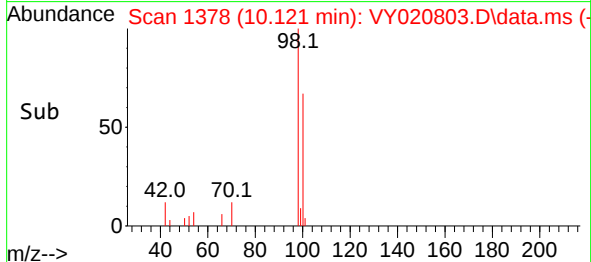
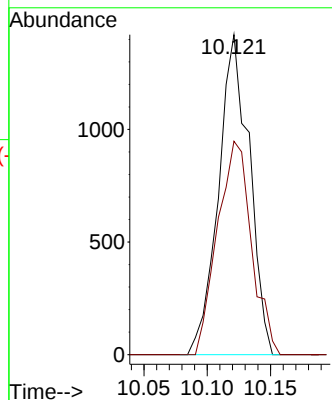
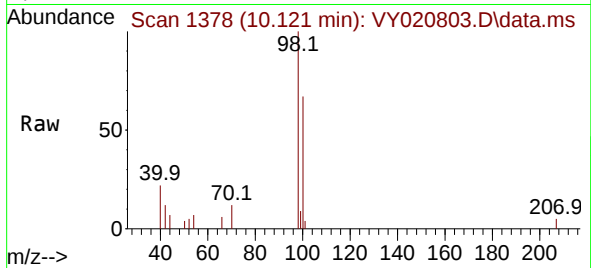




#50
Toluene-d8
Concen: 43.423 ug/l
RT: 10.121 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

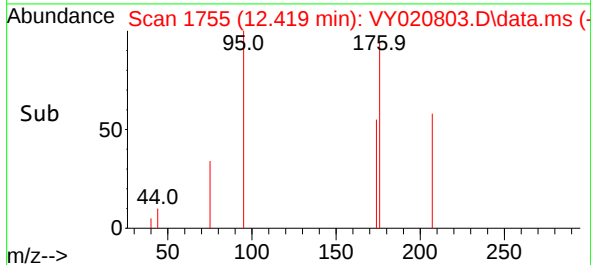
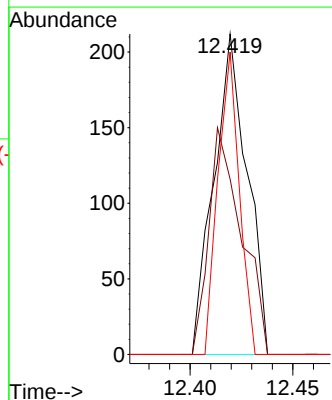
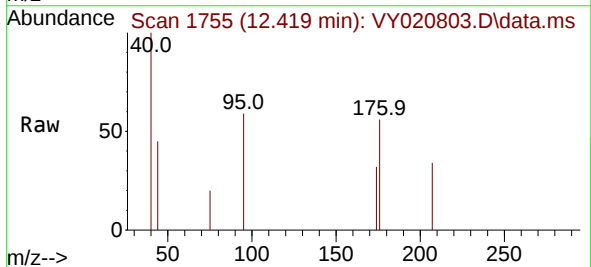
Instrument :
MSVOA_Y
ClientSampleId :

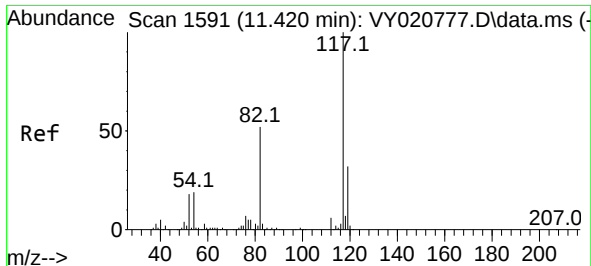
Tgt Ion: 98 Resp: 2405
Ion Ratio Lower Upper
98 100
100 73.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 11.685 ug/l
RT: 12.419 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

Tgt Ion: 95 Resp: 239
Ion Ratio Lower Upper
95 100
174 69.5 0.0 178.0
176 60.3 0.0 172.0

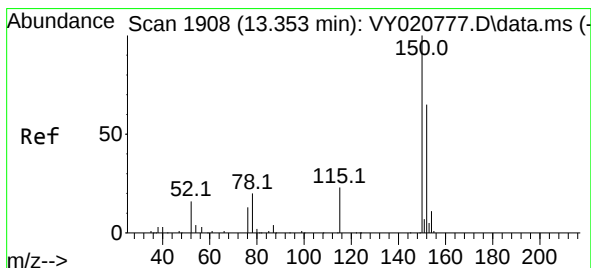
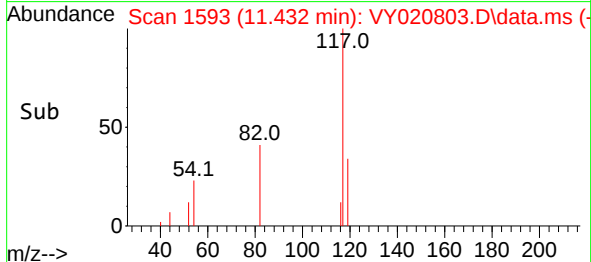
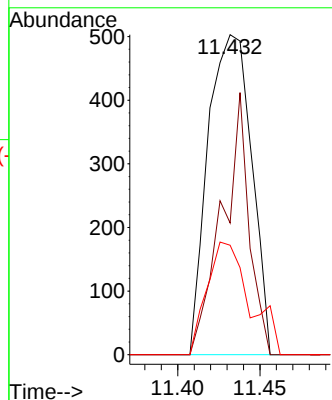
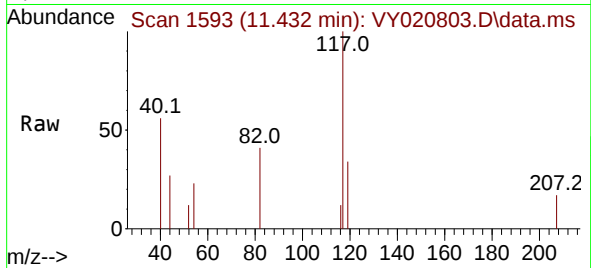




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.432 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

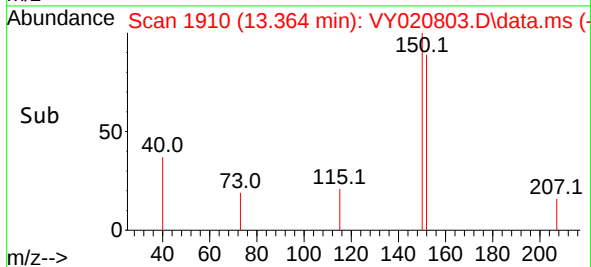
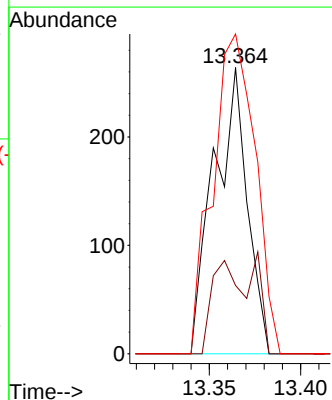
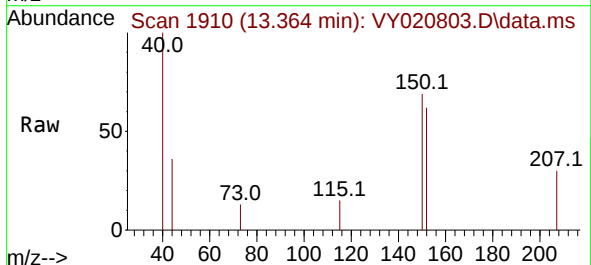
Instrument :
MSVOA_Y
ClientSampleId :

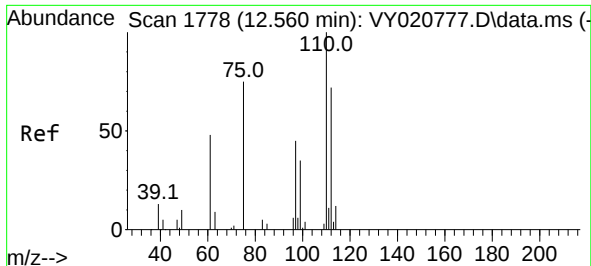
Tgt Ion:117 Resp: 925
Ion Ratio Lower Upper
117 100
82 41.2 41.8 62.6#
119 34.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

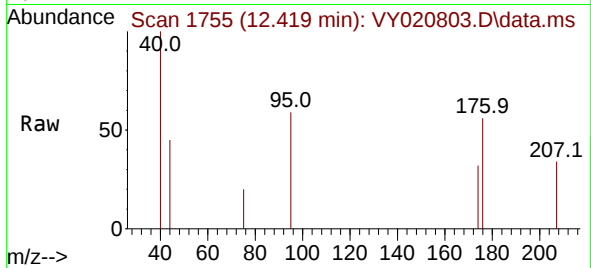
Tgt Ion:152 Resp: 335
Ion Ratio Lower Upper
152 100
115 40.0 29.0 87.0
150 142.7 0.0 347.4



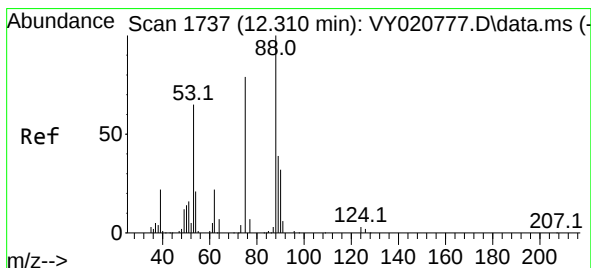
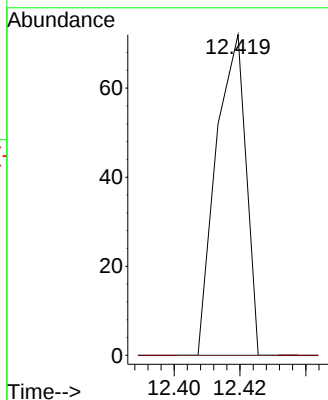
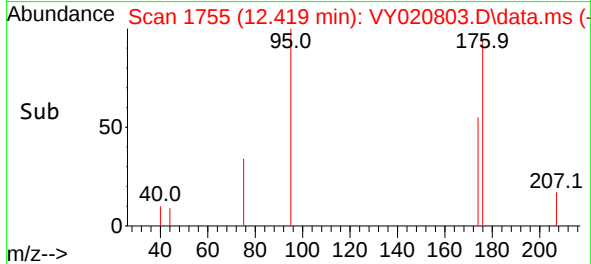


#76
1,2,3-Trichloropropane
Concen: 15.352 ug/l
RT: 12.419 min Scan# 1755
Delta R.T. -0.141 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50

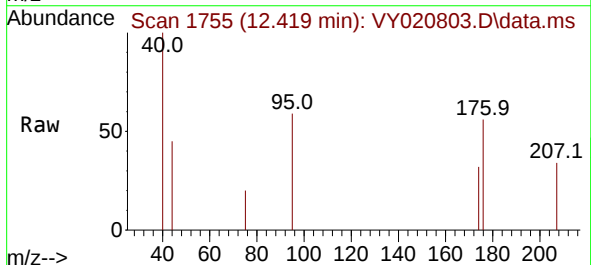
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MSVOA_Y
ClientSampleId :



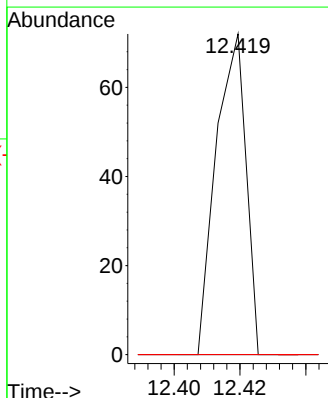
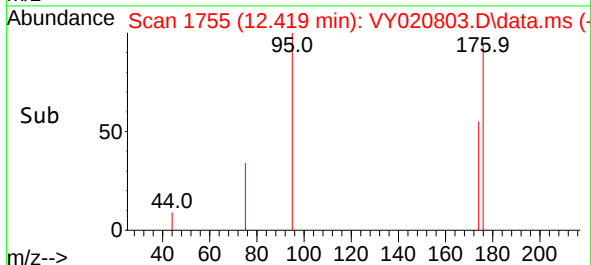
Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

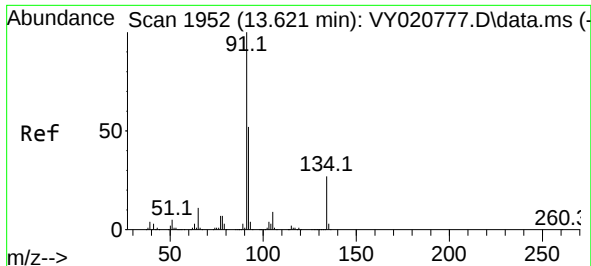


#81
trans-1,4-Dichloro-2-butene
Concen: 32.371 ug/l
RT: 12.419 min Scan# 1755
Delta R.T. 0.109 min
Lab File: VY020803.D
Acq: 08 Jan 2025 11:50



Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.0#
89 0.0 39.6 59.4#





#89

n-Butylbenzene

Concen: 2.449 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.006 min

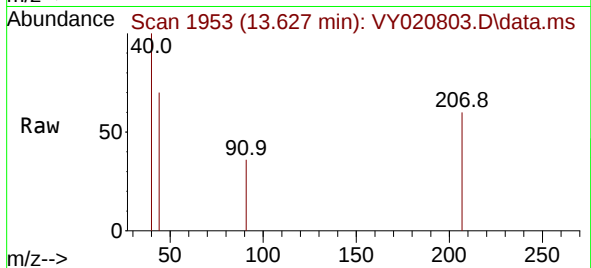
Lab File: VY020803.D

Acq: 08 Jan 2025 11:50

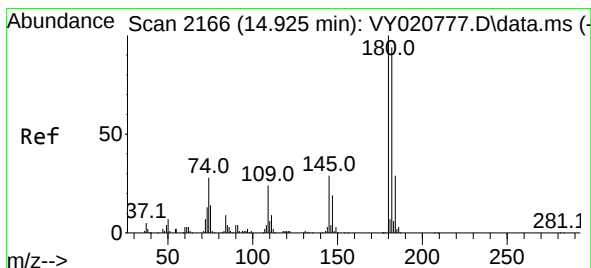
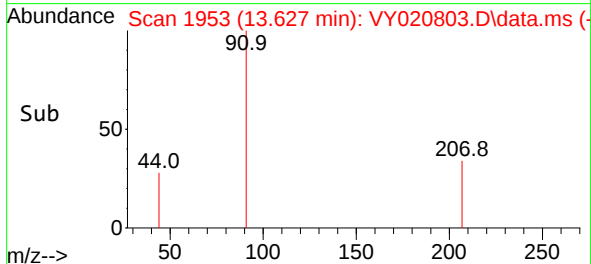
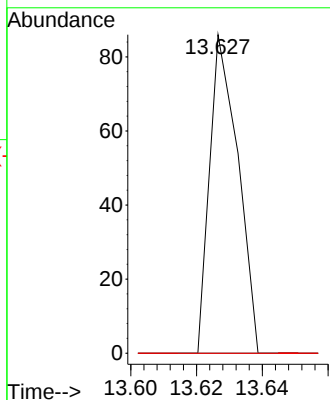
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 91	Resp:	51
Ion Ratio	Lower	Upper
91	100	
92	0.0	26.5 79.4#
134	0.0	13.8 41.4#



#93

1,2,4-Trichlorobenzene

Concen: 3.505 ug/l

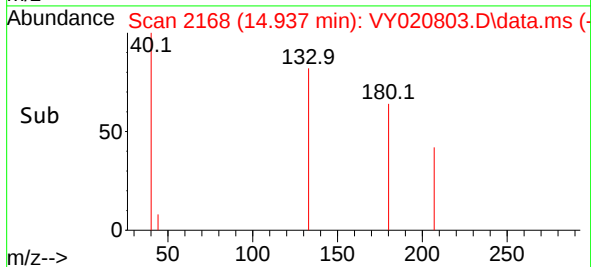
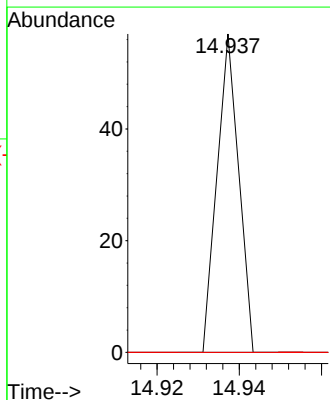
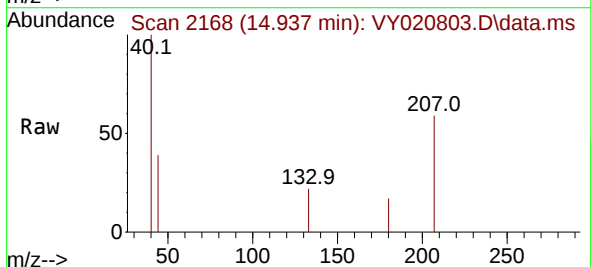
RT: 14.937 min Scan# 2168

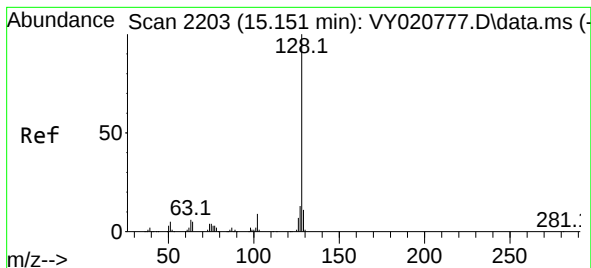
Delta R.T. 0.012 min

Lab File: VY020803.D

Acq: 08 Jan 2025 11:50

Tgt Ion: 180	Resp:	21
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.6 142.9#
145	0.0	15.0 45.1#





#95

Naphthalene

Concen: 14.909 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY020803.D

Acq: 08 Jan 2025 11:50

Instrument :

MSVOA_Y

ClientSampleId :

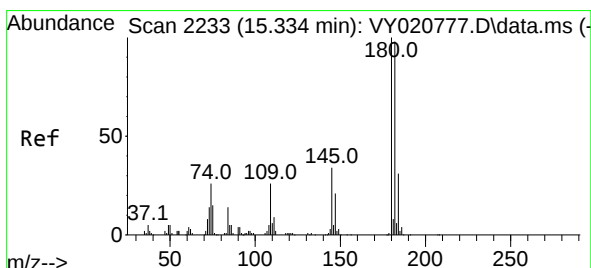
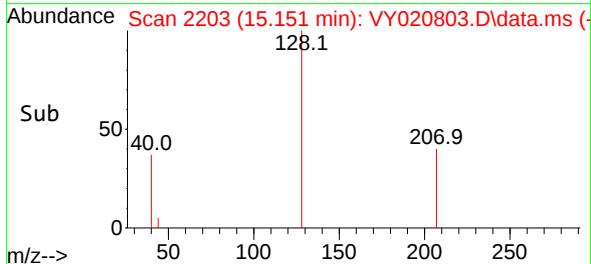
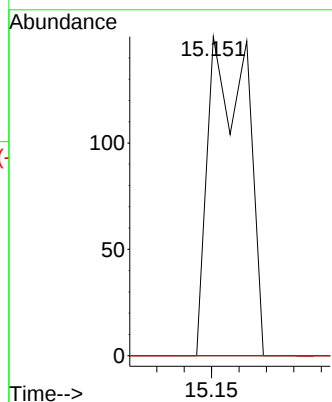
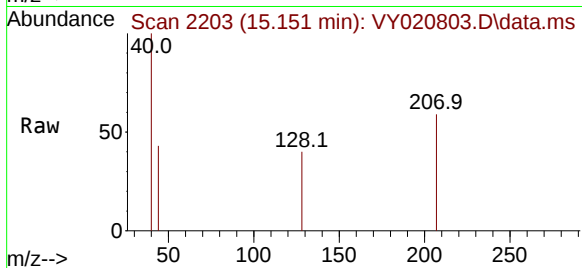
Tgt Ion:128 Resp: 147

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 5.977 ug/l

RT: 15.352 min Scan# 2236

Delta R.T. 0.018 min

Lab File: VY020803.D

Acq: 08 Jan 2025 11:50

Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 163.3 48.1 144.3#

145 0.0 16.1 48.2#

