

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020804.D
 Acq On : 08 Jan 2025 12:14
 Operator : SY/MD
 Sample : Q1025-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 09 00:20:09 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)

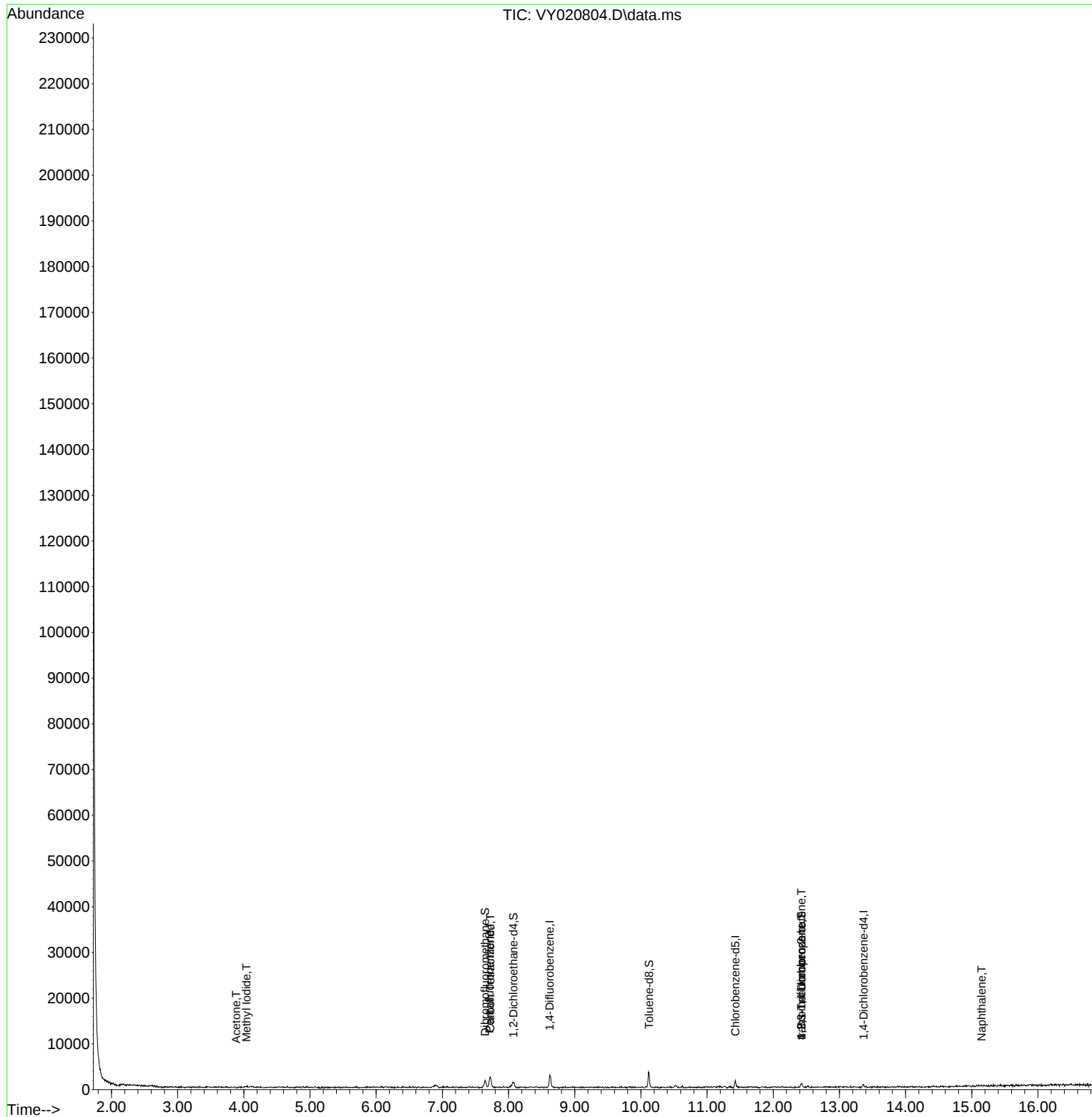
Internal Standards						
1) Pentafluorobenzene	7.713	168	2446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	3148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	875	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	179	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	899	43.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.480%
35) Dibromofluoromethane	7.646	113	1094	55.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.940%
50) Toluene-d8	10.121	98	2590	37.672	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.340%
62) 4-Bromofluorobenzene	12.426	95	285	11.226	ug/l	0.02
Spiked Amount	50.000	Range	29 - 146	Recovery	=	22.460%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.037	142	276	11.826	ug/l #	53
16) Acetone	3.885	43	19	6.427	ug/l #	41
38) Carbon Tetrachloride	7.726	117	225	6.426	ug/l #	12
76) 1,2,3-Trichloropropane	12.426	75	26	16.601	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.426	75	26	35.003	ug/l #	14
95) Naphthalene	15.151	128	19	3.606	ug/l #	69

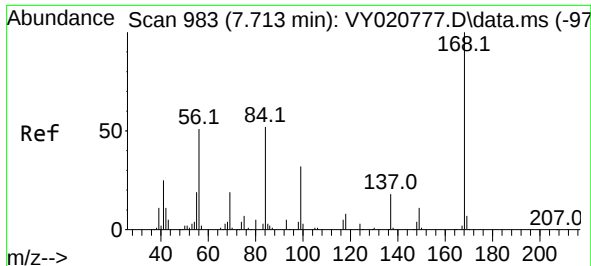
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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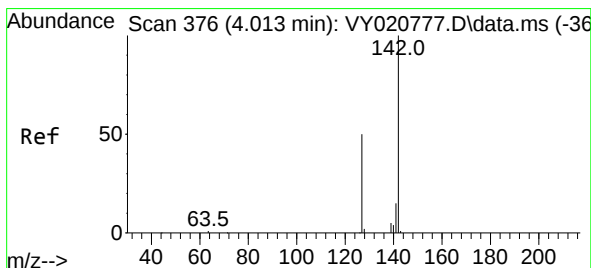
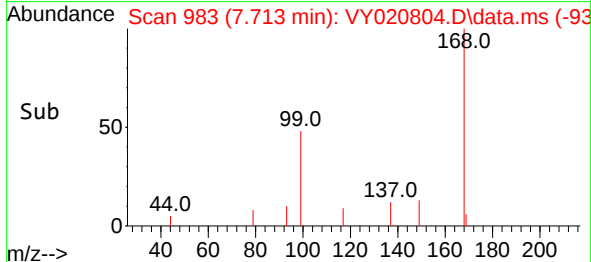
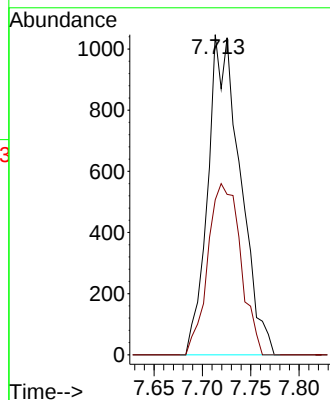
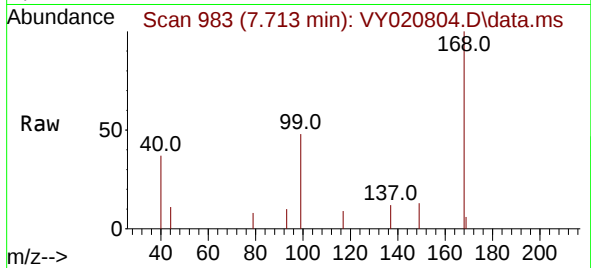




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

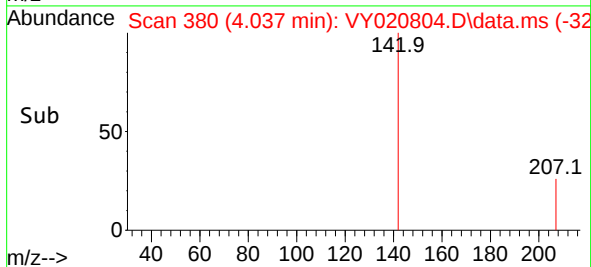
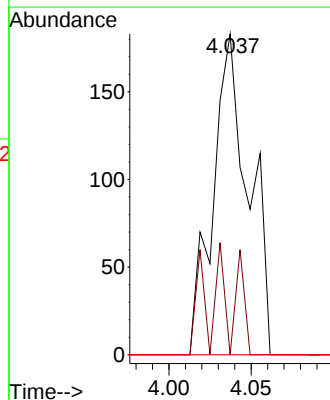
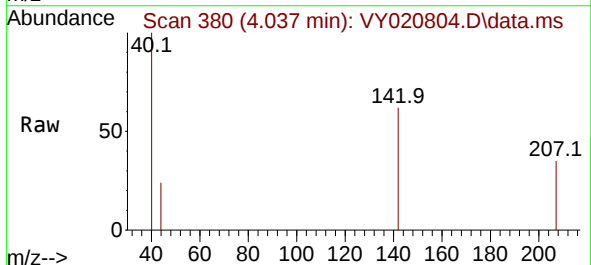
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 2446
Ion Ratio Lower Upper
168 100
99 48.4 44.3 66.5



#10
Methyl Iodide
Concen: 11.826 ug/l
RT: 4.037 min Scan# 380
Delta R.T. 0.024 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

Tgt Ion:142 Resp: 276
Ion Ratio Lower Upper
142 100
127 16.3 41.0 61.6#
141 0.0 11.6 17.4#

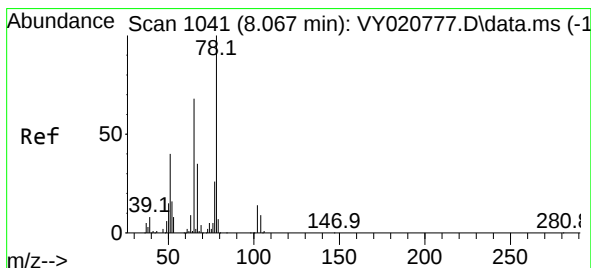
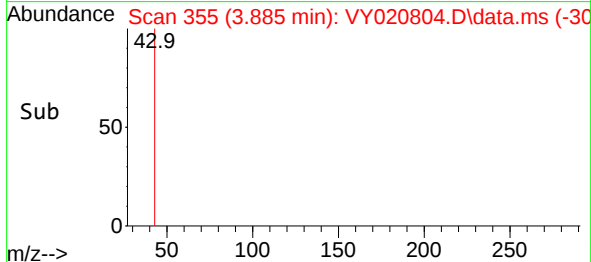
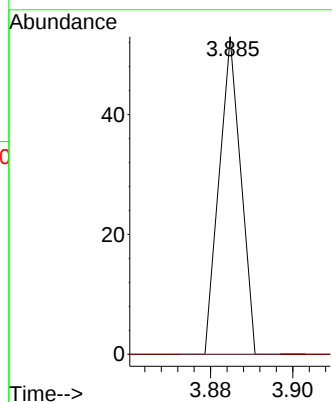
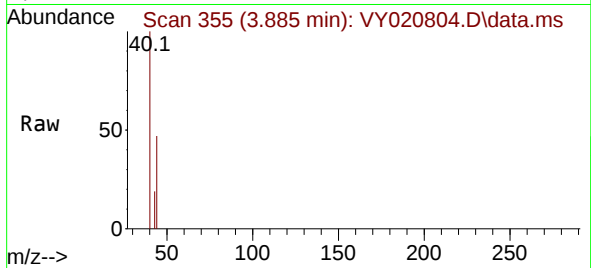




#16
Acetone
Concen: 6.427 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

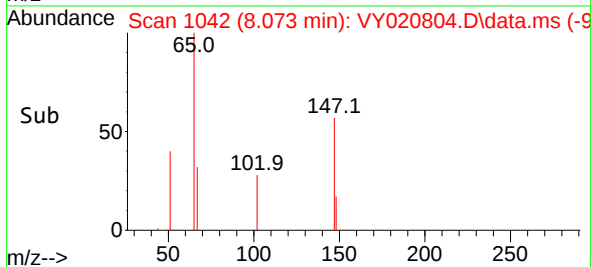
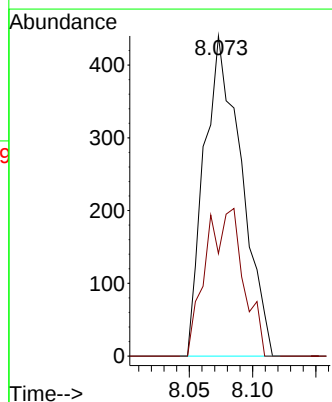
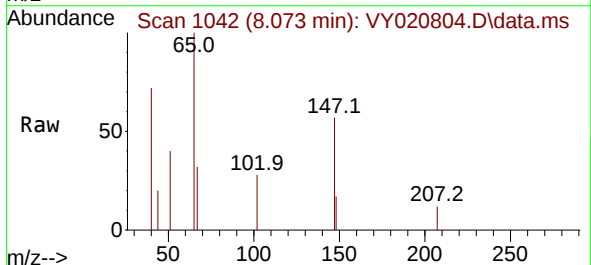
Instrument :
MSVOA_Y
ClientSampleId :

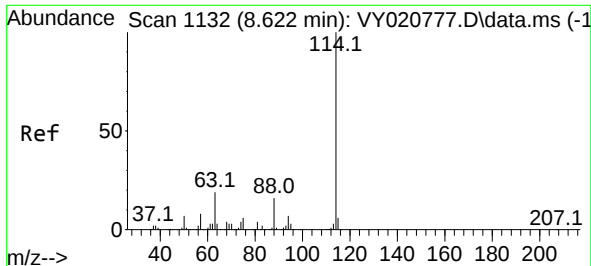
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#33
1,2-Dichloroethane-d4
Concen: 43.242 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

Tgt Ion: 65 Resp: 899
Ion Ratio Lower Upper
65 100
67 46.7 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: VY020804.D

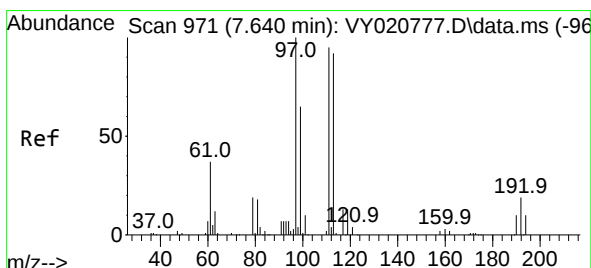
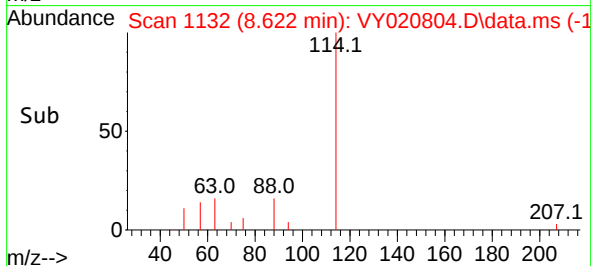
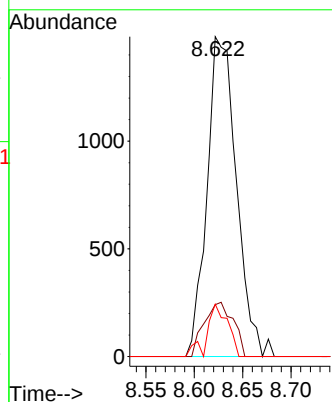
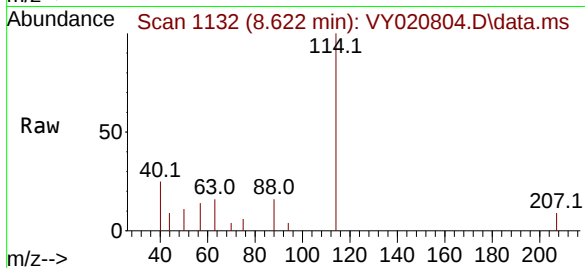
Acq: 08 Jan 2025 12:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	3148
Ion	Ratio	Lower Upper
114	100	
63	16.2	0.0 38.4
88	16.4	0.0 31.2



#35

Dibromofluoromethane

Concen: 55.471 ug/l

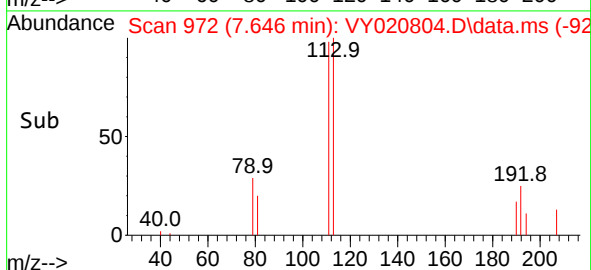
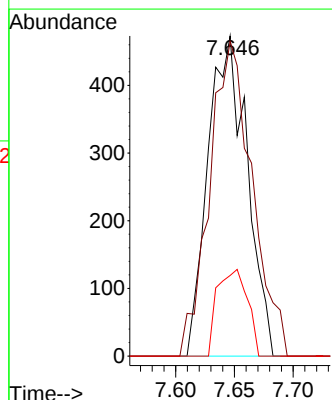
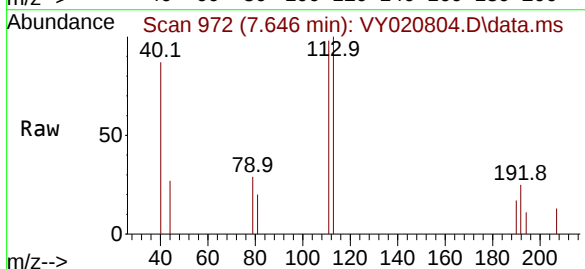
RT: 7.646 min Scan# 972

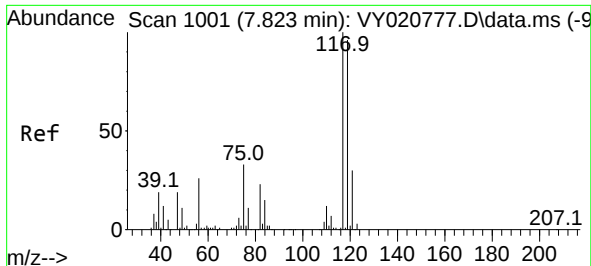
Delta R.T. 0.006 min

Lab File: VY020804.D

Acq: 08 Jan 2025 12:14

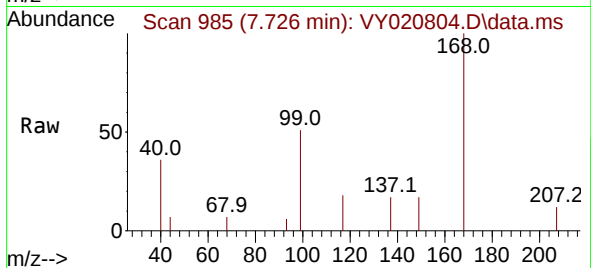
Tgt Ion:113	Resp:	1094
Ion	Ratio	Lower Upper
113	100	
111	106.9	81.7 122.5
192	20.8	16.7 25.1



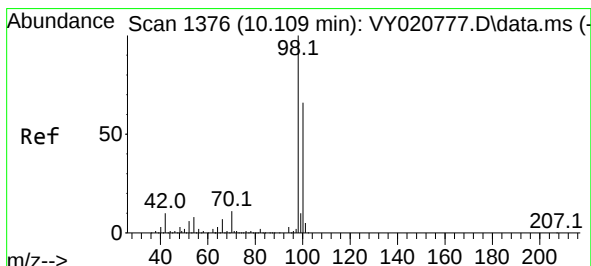
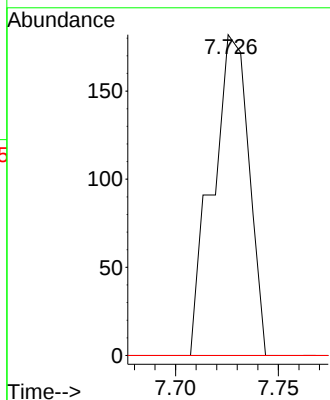
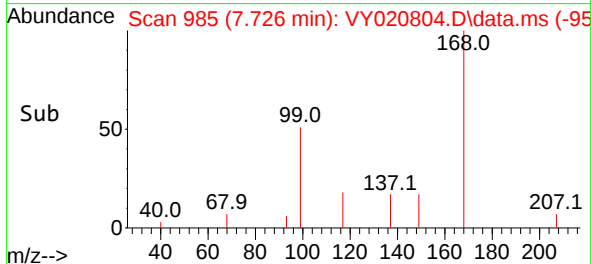


#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 7.726 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

Instrument :
MSVOA_Y
ClientSampleId :

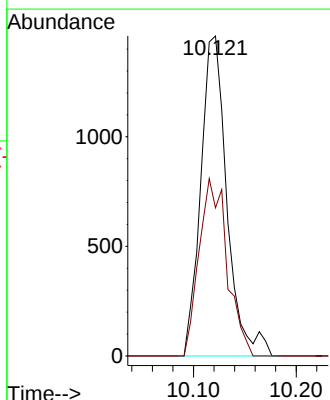
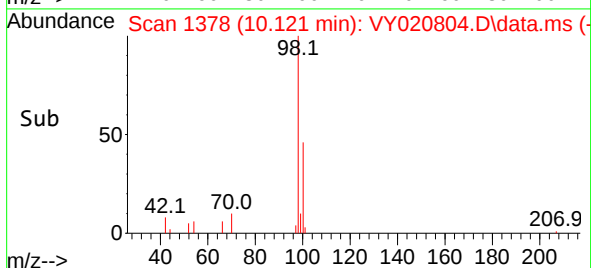
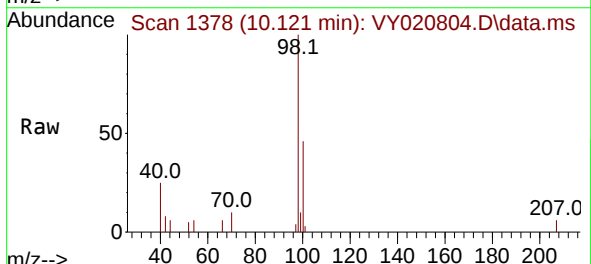


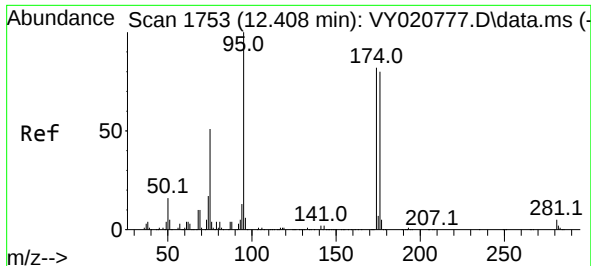
Tgt Ion:117 Resp: 225
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 37.672 ug/l
RT: 10.121 min Scan# 1378
Delta R.T. 0.012 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

Tgt Ion: 98 Resp: 2590
Ion Ratio Lower Upper
98 100
100 59.1 52.5 78.7

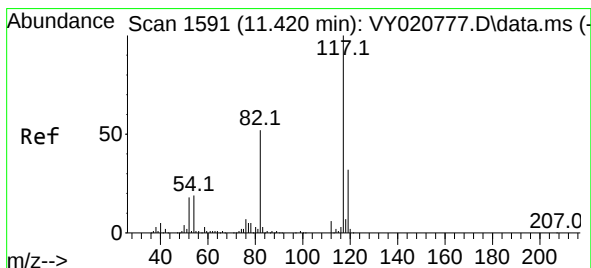
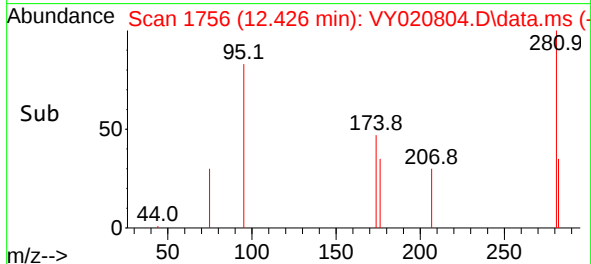
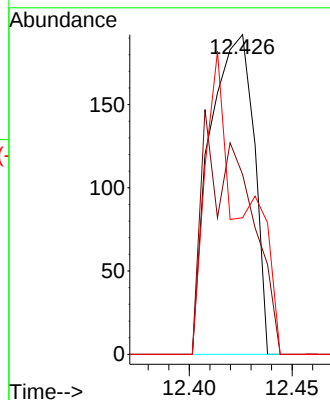
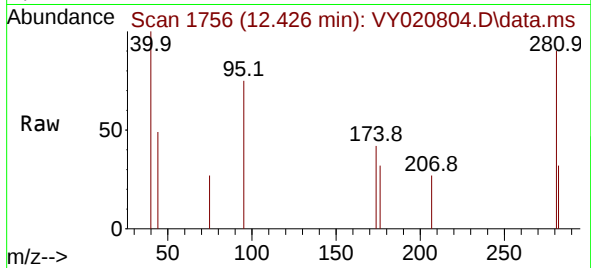




#62
4-Bromofluorobenzene
Concen: 11.226 ug/l
RT: 12.426 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

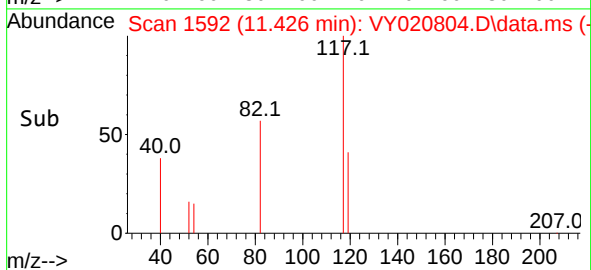
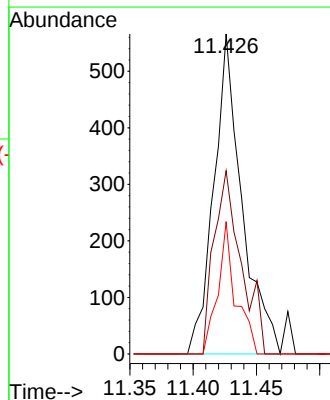
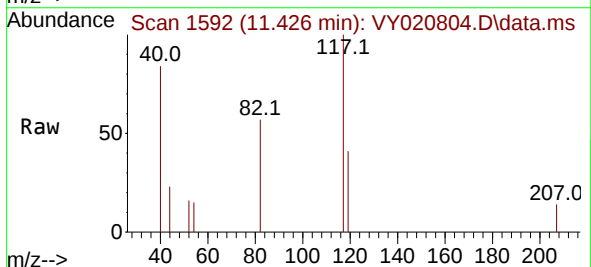
Instrument :
MSVOA_Y
ClientSampleId :

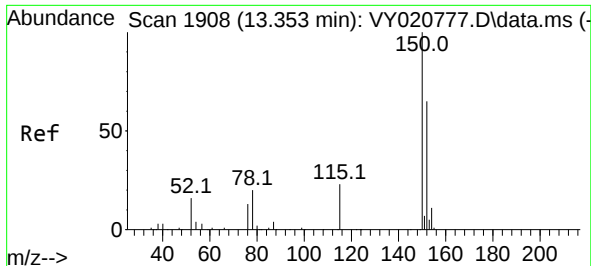
Tgt Ion: 95 Resp: 285
Ion Ratio Lower Upper
95 100
174 76.1 0.0 178.0
176 81.1 0.0 172.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020804.D
Acq: 08 Jan 2025 12:14

Tgt Ion: 117 Resp: 875
Ion Ratio Lower Upper
117 100
82 57.2 41.8 62.6
119 41.3 25.8 38.8#

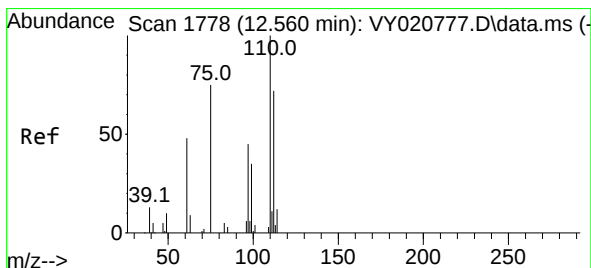
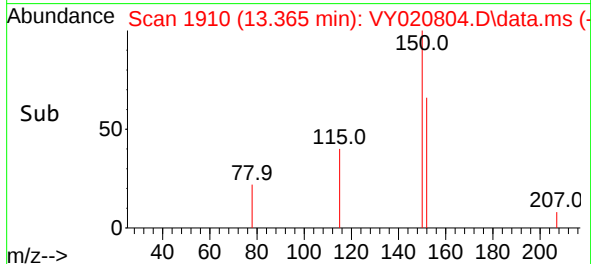
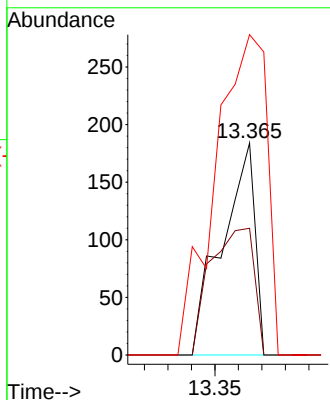
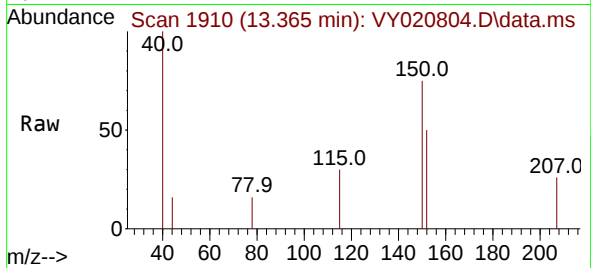




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.365 min Scan# 1908
 Delta R.T. 0.012 min
 Lab File: VY020804.D
 Acq: 08 Jan 2025 12:14

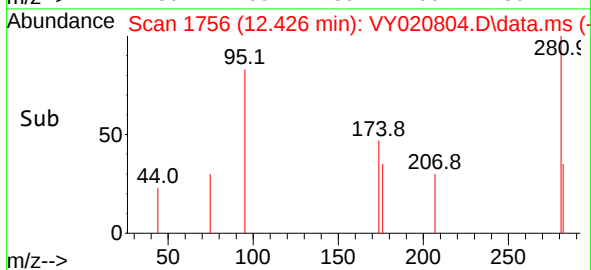
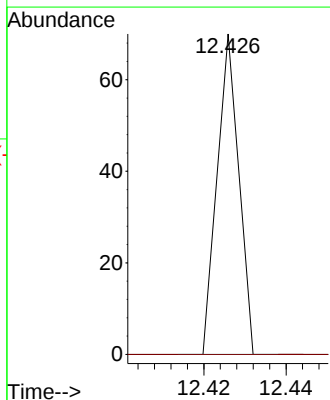
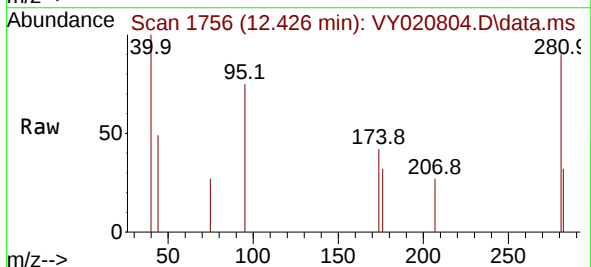
Instrument :
 MSVOA_Y
 ClientSampleId :

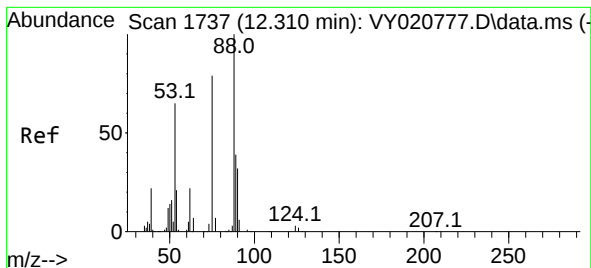
Tgt Ion:152 Resp: 179
 Ion Ratio Lower Upper
 152 100
 115 79.3 29.0 87.0
 150 237.4 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 16.601 ug/l
 RT: 12.426 min Scan# 1756
 Delta R.T. -0.134 min
 Lab File: VY020804.D
 Acq: 08 Jan 2025 12:14

Tgt Ion: 75 Resp: 26
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

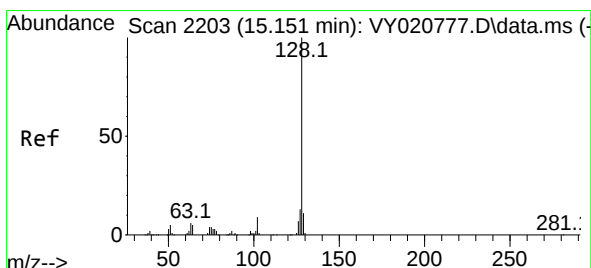
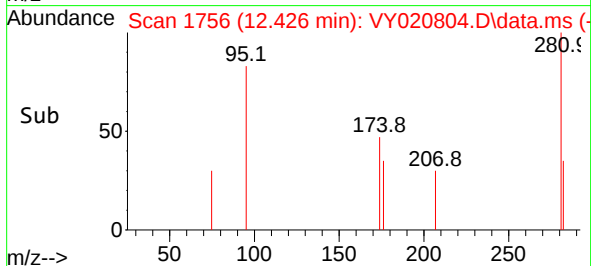
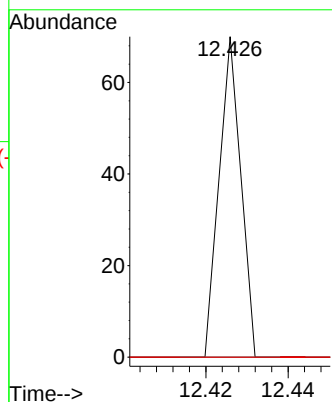
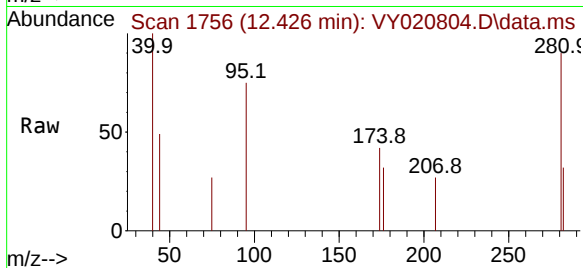




#81
 trans-1,4-Dichloro-2-butene
 Concen: 35.003 ug/l
 RT: 12.426 min Scan# 1756
 Delta R.T. 0.116 min
 Lab File: VY020804.D
 Acq: 08 Jan 2025 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 26
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.4 104.0#
 89 0.0 39.6 59.4#



#95
 Naphthalene
 Concen: 3.606 ug/l
 RT: 15.151 min Scan# 2203
 Delta R.T. 0.000 min
 Lab File: VY020804.D
 Acq: 08 Jan 2025 12:14

Tgt Ion:128 Resp: 19
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.6 12.8#

