

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021056.D
 Acq On : 04 Feb 2025 14:16
 Operator : SY/MD
 Sample : Q1232-01
 Misc : 16.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:46:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

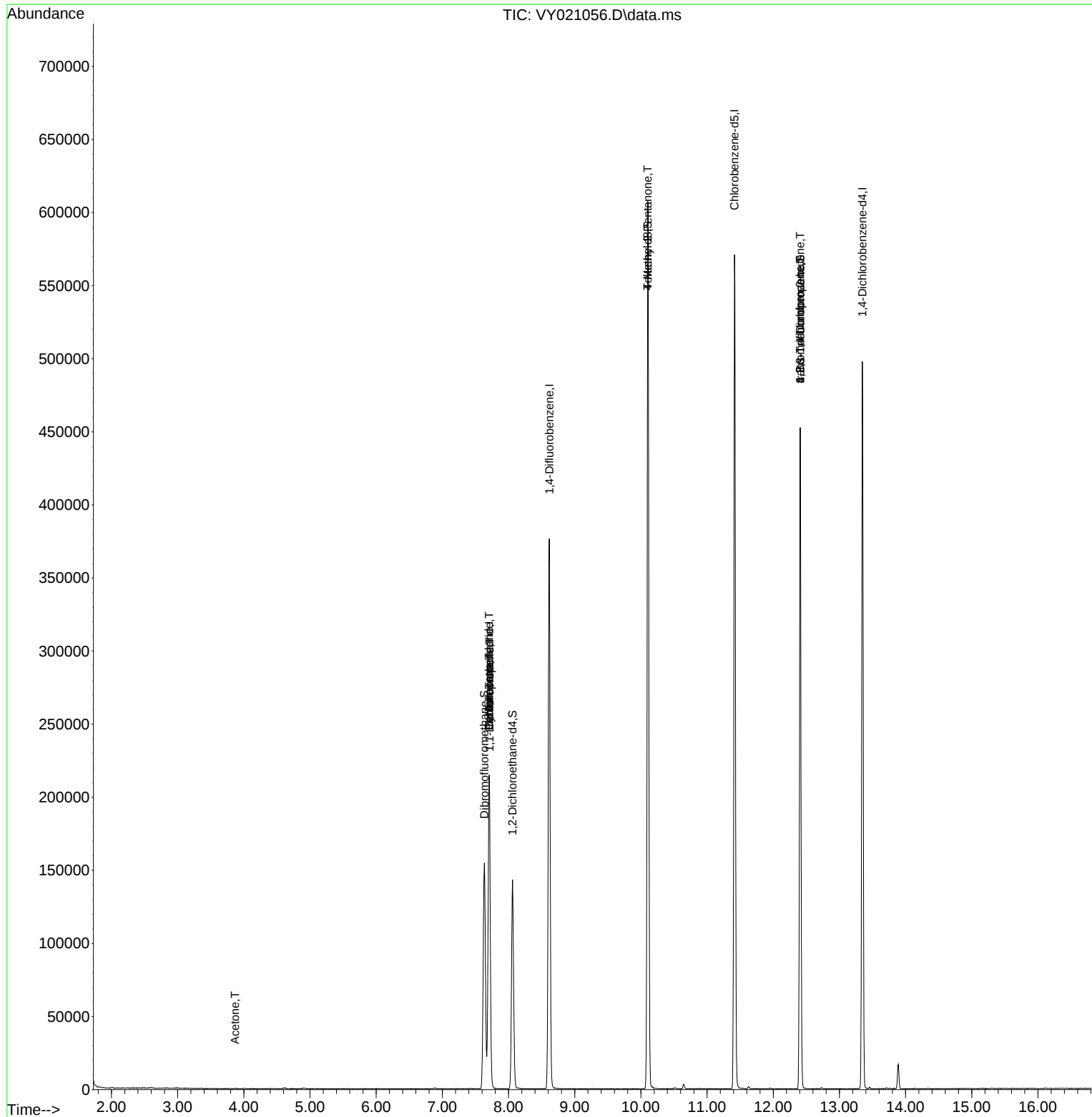
Internal Standards						
1) Pentafluorobenzene	7.707	168	161743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	311262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	293506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	122366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110024	66.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.780%	
35) Dibromofluoromethane	7.634	113	106640	53.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.920%	
50) Toluene-d8	10.103	98	383760	50.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	12.408	95	125856	50.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	308	1.192	ug/l #	41
31) Cyclohexane	7.707	56	3543	1.253	ug/l #	24
36) 1,1-Dichloropropene	7.713	75	12552	4.248	ug/l #	50
38) Carbon Tetrachloride	7.707	117	17133	4.963	ug/l #	15
51) 4-Methyl-2-Pentanone	10.103	43	1876	1.448	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	69870	62.945	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	69870	128.439	ug/l #	13

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

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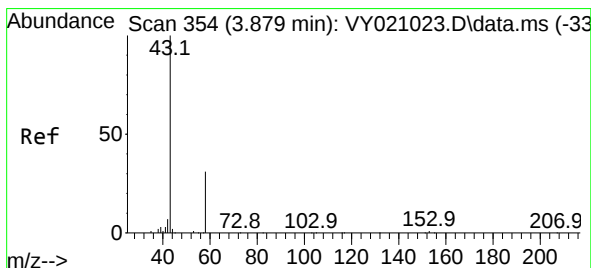
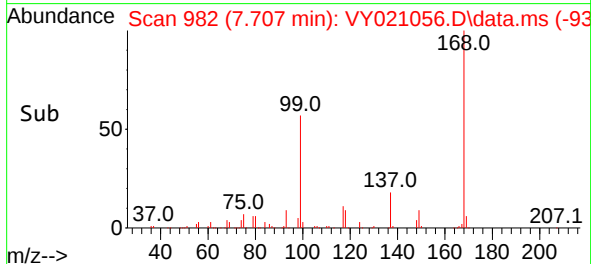
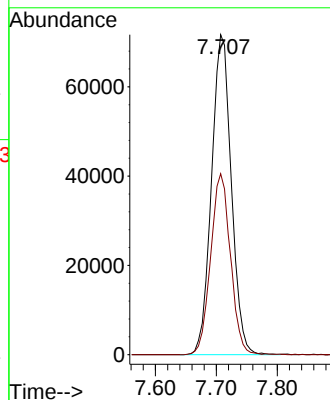
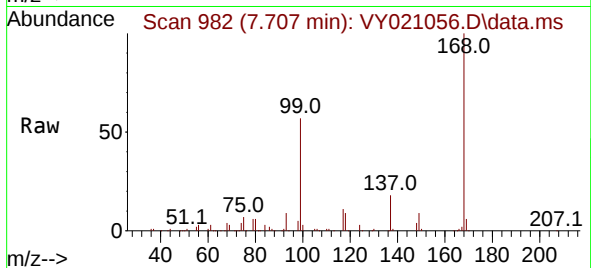




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

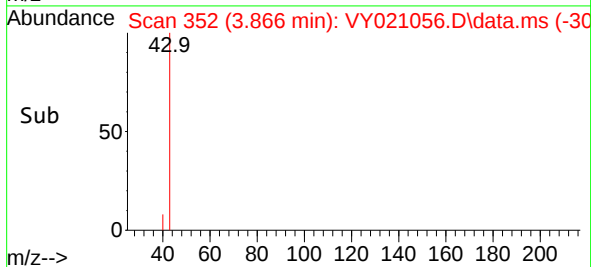
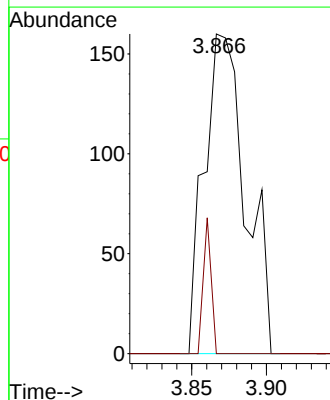
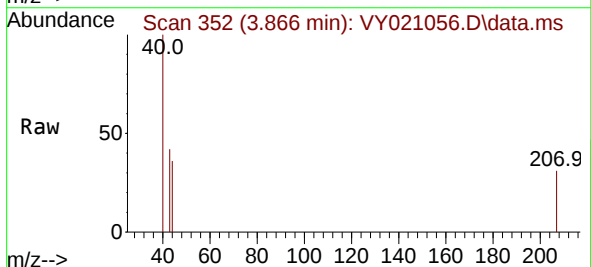
Instrument :
MSVOA_Y
ClientSampleId :

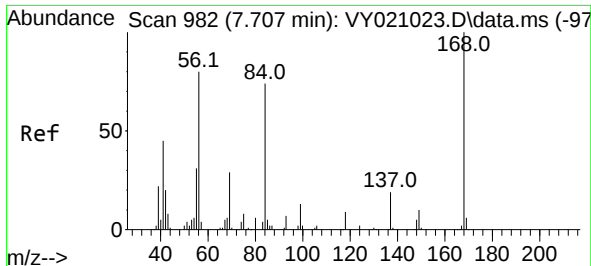
Tgt Ion:168 Resp: 161743
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#16
Acetone
Concen: 1.192 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

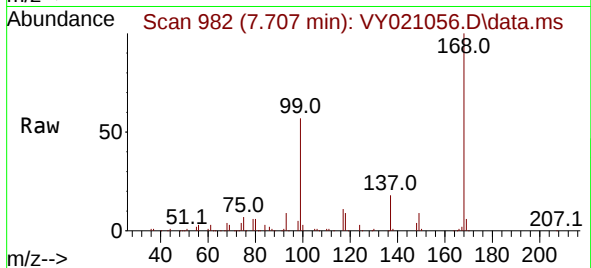
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



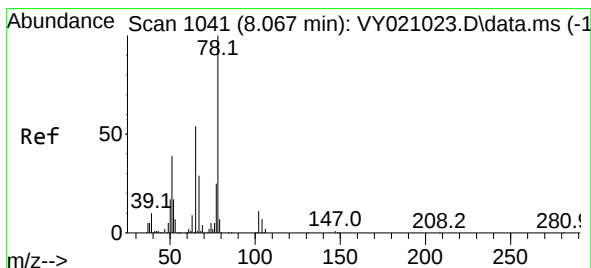
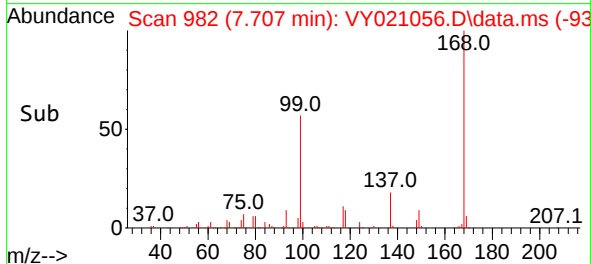
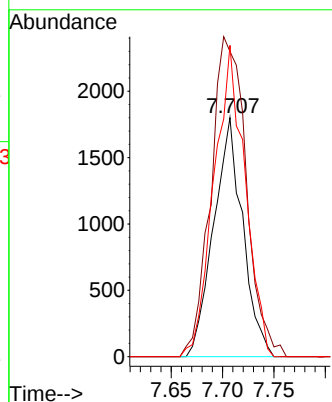


#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

Instrument :
MSVOA_Y
ClientSampleId :

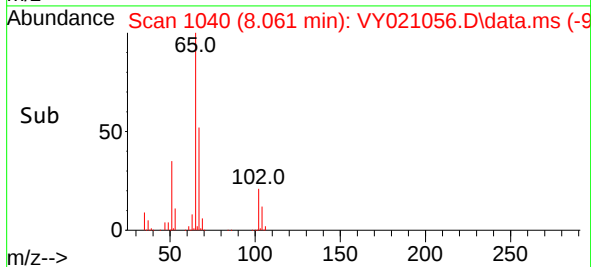
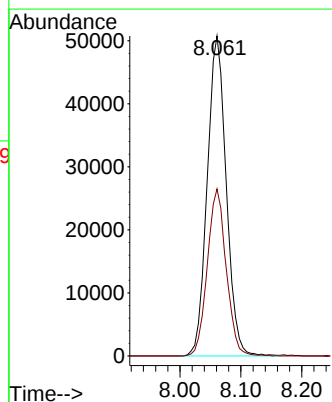
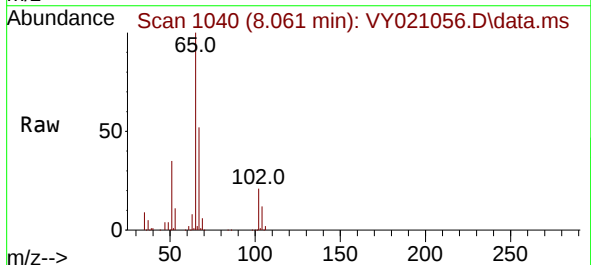


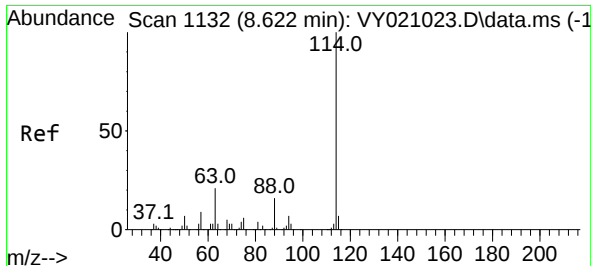
Tgt Ion: 56 Resp: 3543
Ion Ratio Lower Upper
56 100
69 127.7 27.0 40.6#
84 130.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 66.392 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

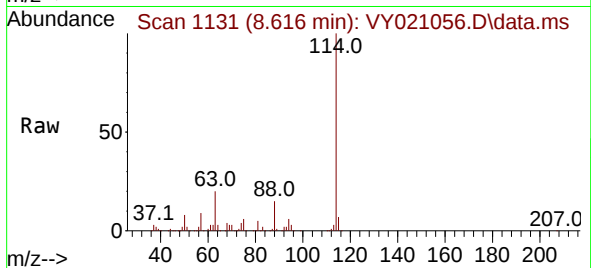
Tgt Ion: 65 Resp: 110024
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.0



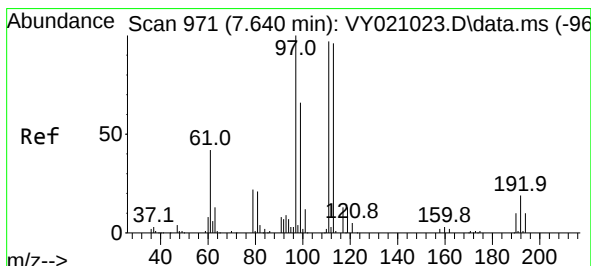
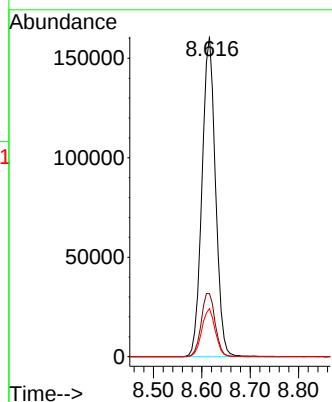
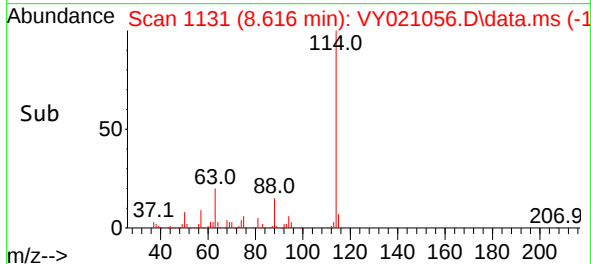


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

Instrument :
MSVOA_Y
ClientSampleId :

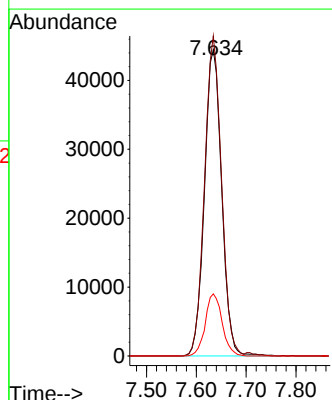
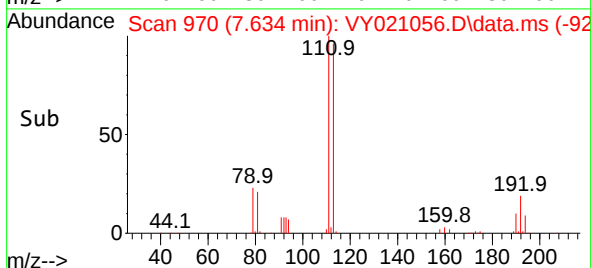
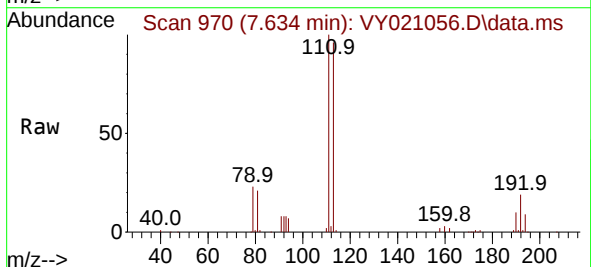


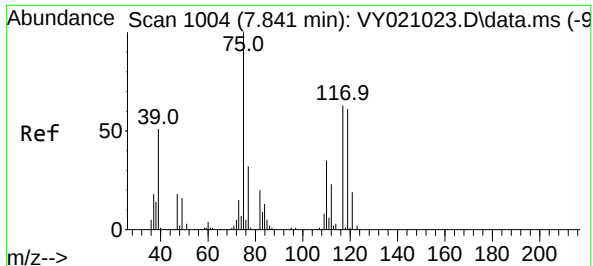
Tgt Ion:114 Resp: 311262
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 15.0 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.460 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

Tgt Ion:113 Resp: 106640
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 19.9 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.248 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY021056.D

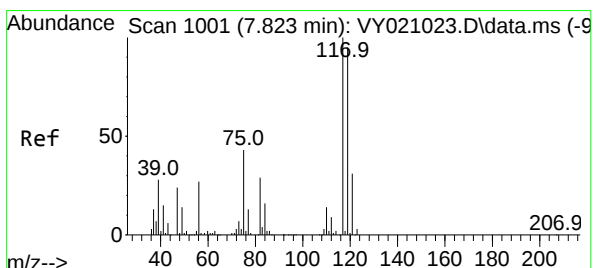
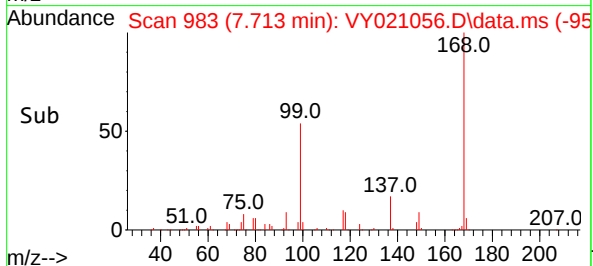
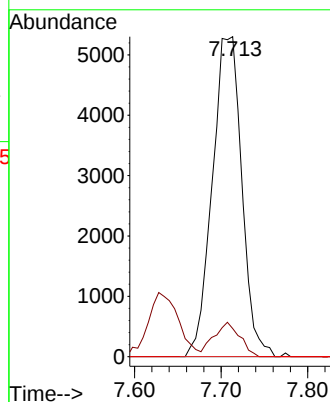
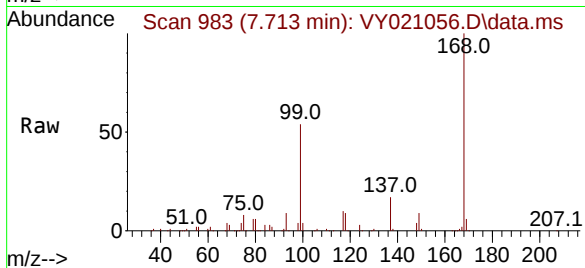
Acq: 04 Feb 2025 14:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	12552
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 4.963 ug/l

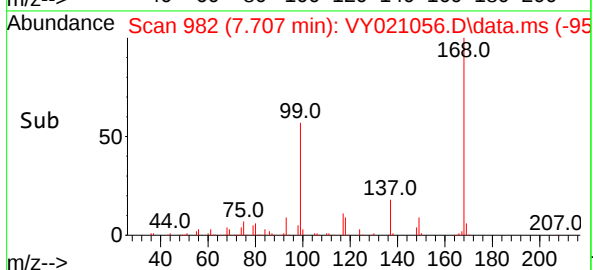
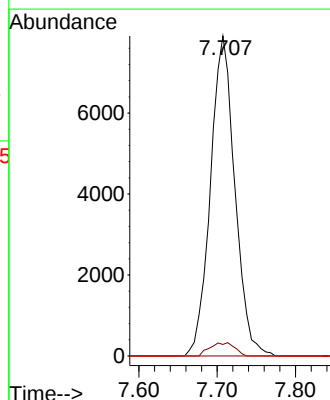
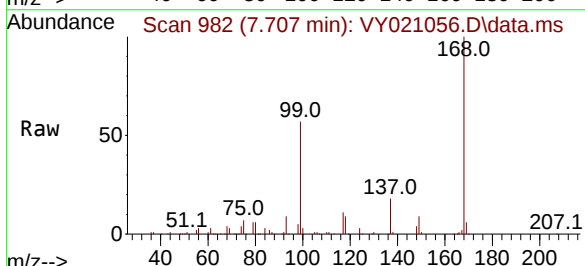
RT: 7.707 min Scan# 982

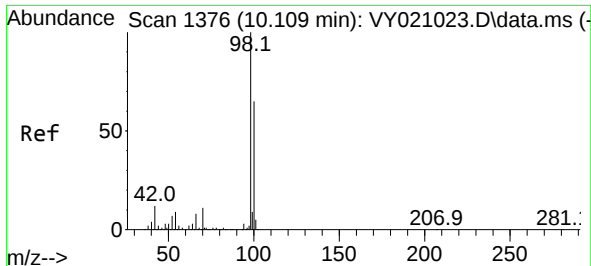
Delta R.T. -0.116 min

Lab File: VY021056.D

Acq: 04 Feb 2025 14:16

Tgt Ion:	117	Resp:	17133
Ion	Ratio	Lower	Upper
117	100		
119	3.6	76.0	114.0#
121	0.0	24.2	36.2#

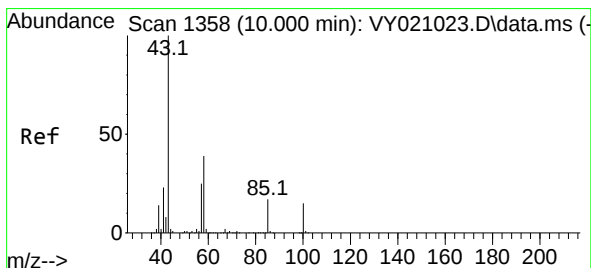
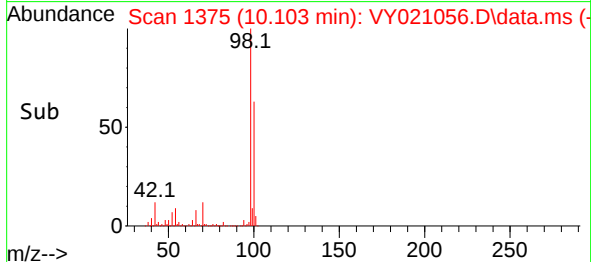
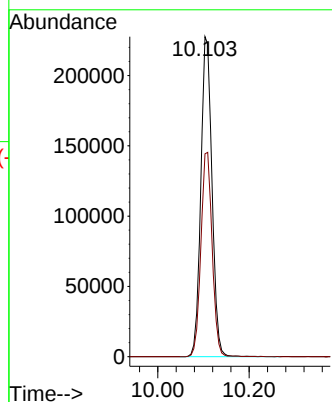
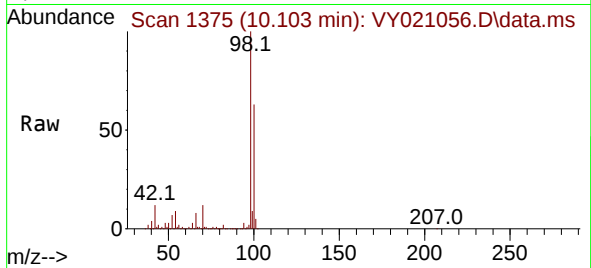




#50
Toluene-d8
Concen: 50.533 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

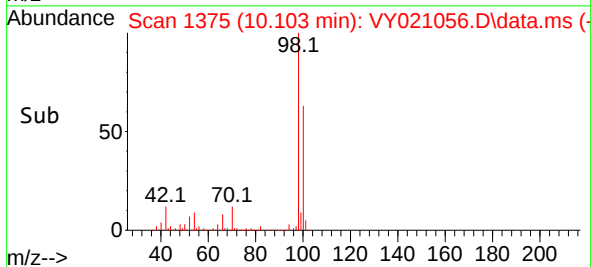
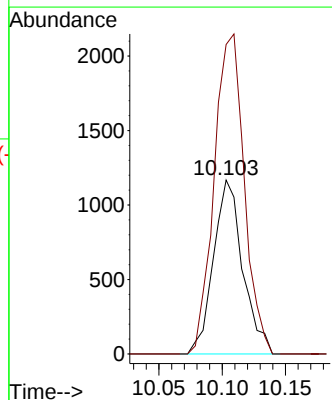
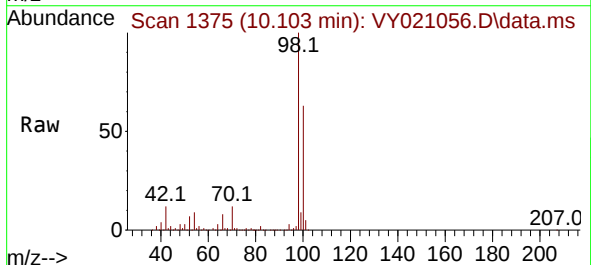
Instrument :
MSVOA_Y
ClientSampleId :

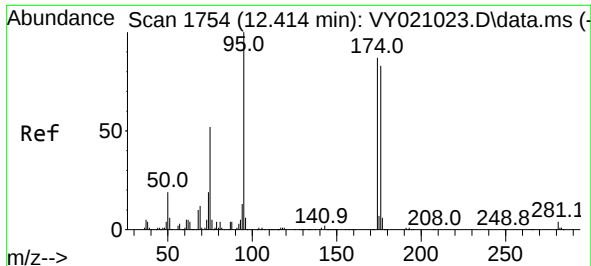
Tgt Ion: 98 Resp: 383760
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.448 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

Tgt Ion: 43 Resp: 1876
Ion Ratio Lower Upper
43 100
58 189.5 32.2 48.2#

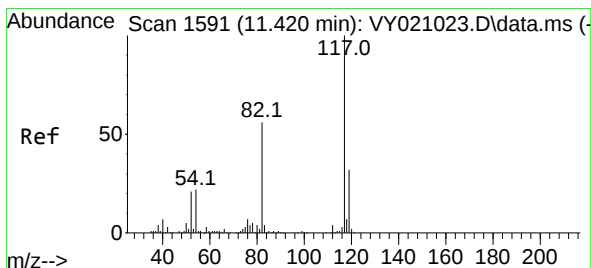
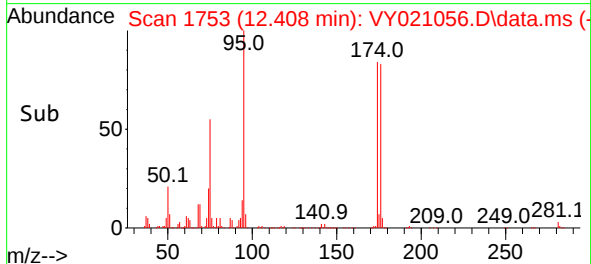
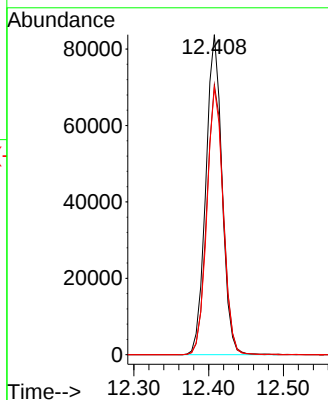
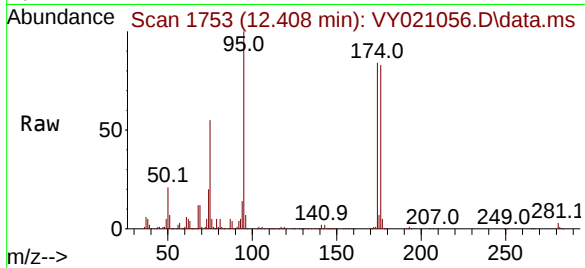




#62
4-Bromofluorobenzene
Concen: 50.728 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

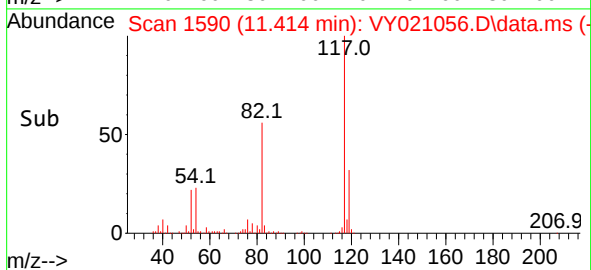
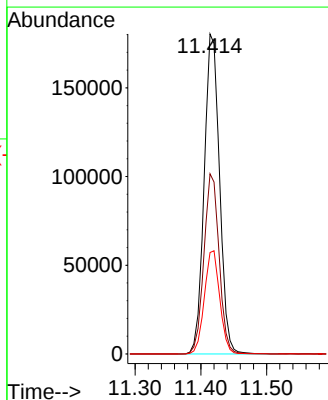
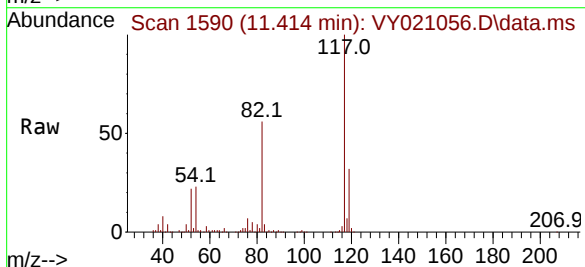
Instrument :
MSVOA_Y
ClientSampleId :

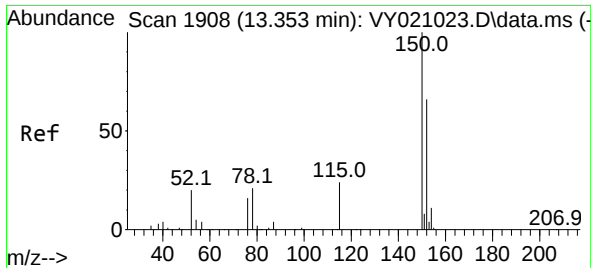
Tgt Ion: 95 Resp: 125856
Ion Ratio Lower Upper
95 100
174 86.3 0.0 160.0
176 84.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

Tgt Ion: 117 Resp: 293506
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 31.7 26.5 39.7

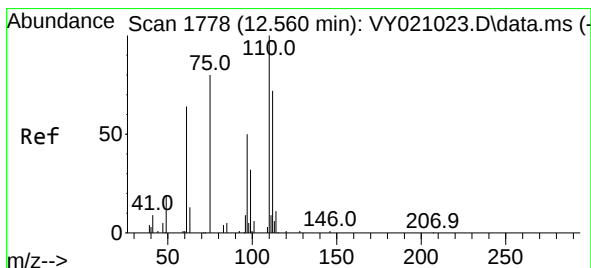
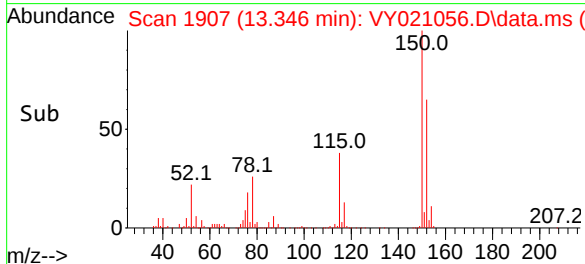
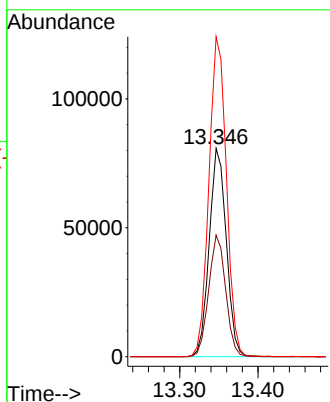
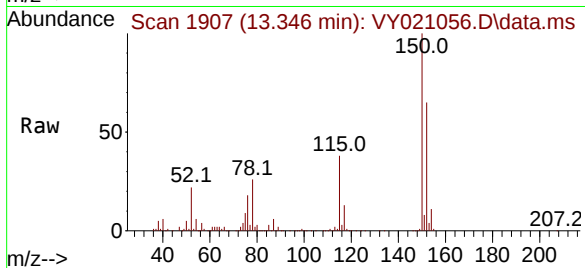




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY021056.D
 Acq: 04 Feb 2025 14:16

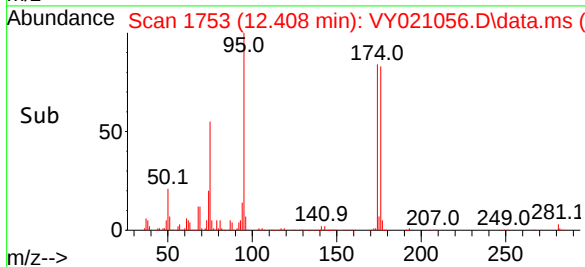
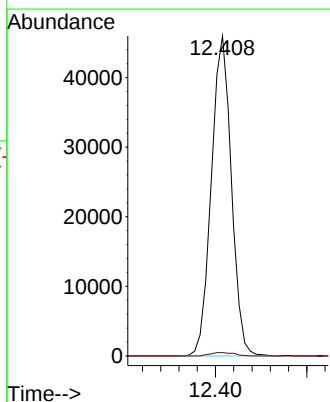
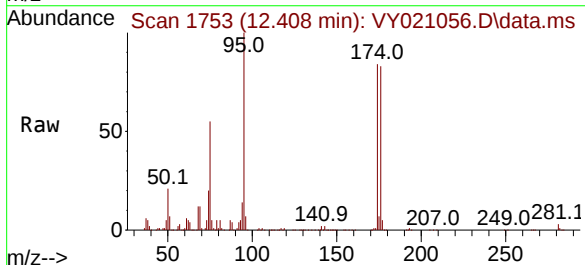
Instrument :
 MSVOA_Y
 ClientSampleId :

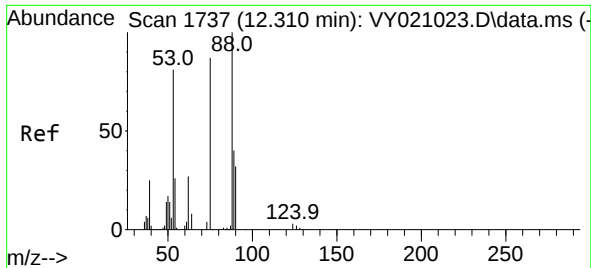
Tgt Ion:152 Resp: 122366
 Ion Ratio Lower Upper
 152 100
 115 58.0 30.0 90.0
 150 156.7 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 62.945 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.153 min
 Lab File: VY021056.D
 Acq: 04 Feb 2025 14:16

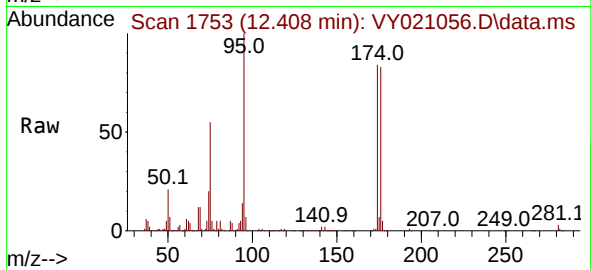
Tgt Ion: 75 Resp: 69870
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.439 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY021056.D
 Acq: 04 Feb 2025 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 69870
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.0 111.0#
 89 0.3 36.5 54.7#

