

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018879.D
 Acq On : 19 Jul 2024 14:04
 Operator : SY/MD
 Sample : P3294-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 19 23:04:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

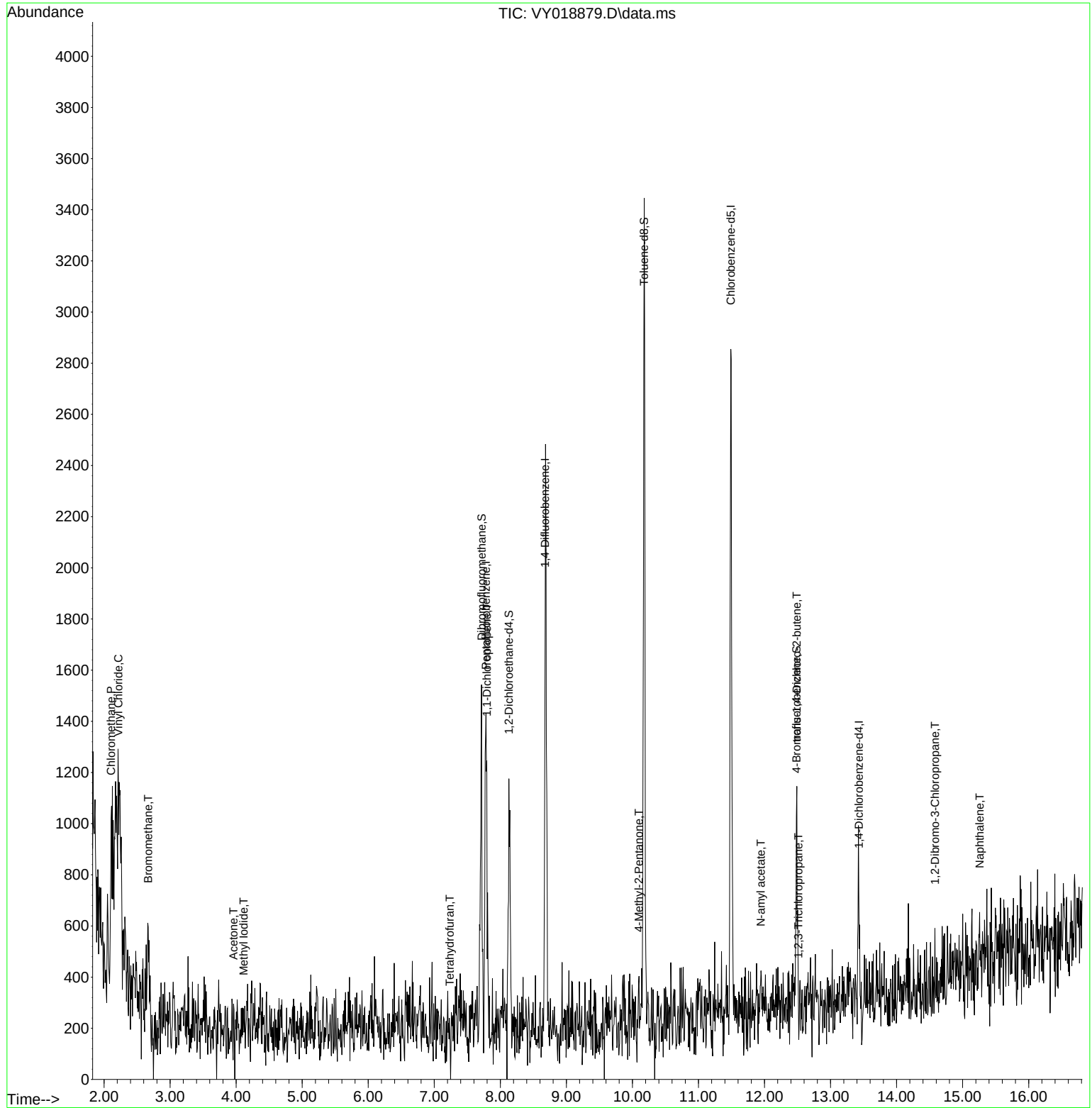
Internal Standards						
1) Pentafluorobenzene	7.783	168	1453	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	2262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1697	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	846	59.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.340%	
35) Dibromofluoromethane	7.716	113	795	56.115	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.220%	
50) Toluene-d8	10.179	98	2365	44.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.120%	
62) 4-Bromofluorobenzene	12.483	95	292	15.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 31.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	111	5.999	ug/l #	43
4) Vinyl Chloride	2.217	62	55	2.541	ug/l #	42
5) Bromomethane	2.668	94	253	16.994	ug/l #	72
10) Methyl Iodide	4.113	142	67	4.288	ug/l #	42
16) Acetone	3.960	43	28	10.622	ug/l #	36
29) Tetrahydrofuran	7.234	42	28	12.361	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	22	1.125	ug/l #	40
51) 4-Methyl-2-Pentanone	10.099	43	48	5.814	ug/l #	31
74) N-amyl acetate	11.947	43	20	4.967	ug/l #	37
76) 1,2,3-Trichloropropane	12.514	75	49	23.257	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	80	84.982	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.580	75	23	45.735	ug/l #	1
95) Naphthalene	15.257	128	45	5.389	ug/l #	69

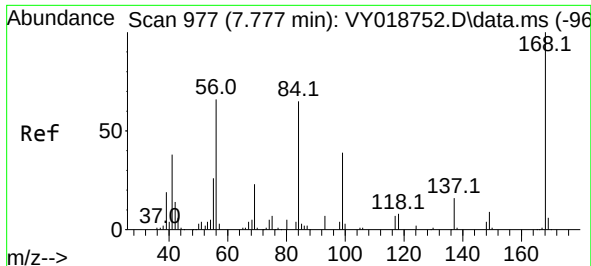
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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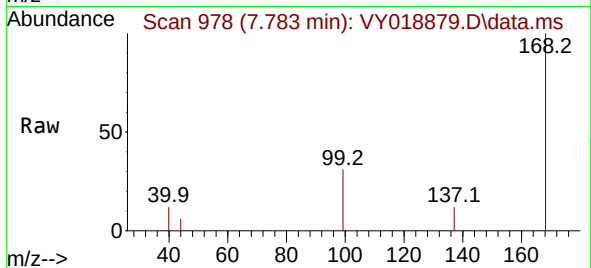
Quant Time: Jul 19 23:04:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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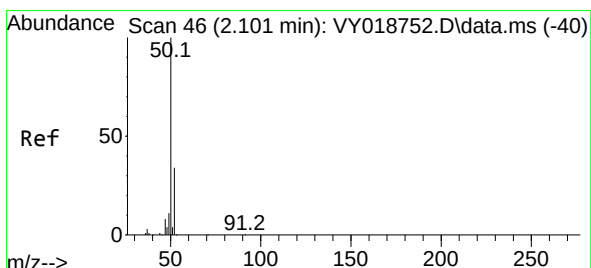
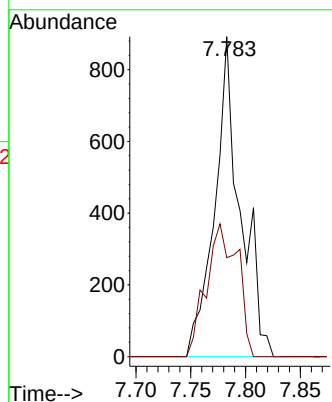
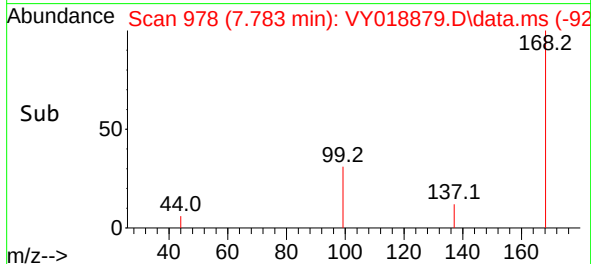


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

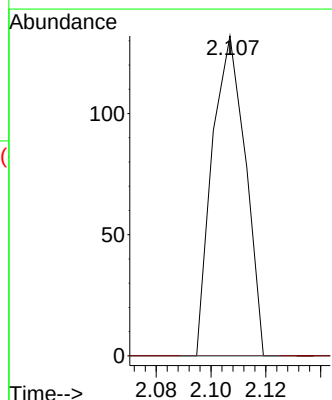
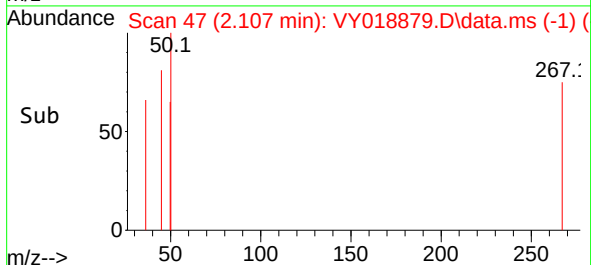
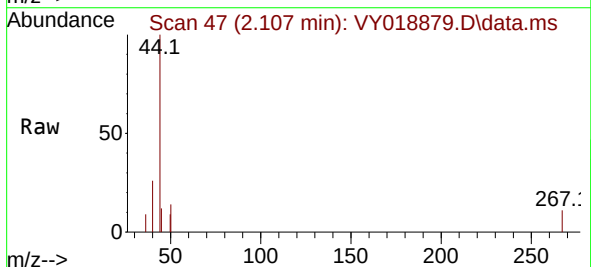


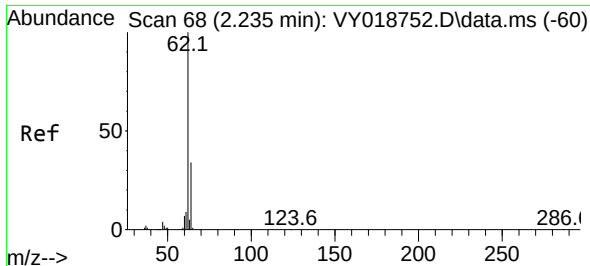
Tgt Ion:168 Resp: 1453
Ion Ratio Lower Upper
168 100
99 30.9 39.1 58.7#



#3
Chloromethane
Concen: 5.999 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

Tgt Ion: 50 Resp: 111
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

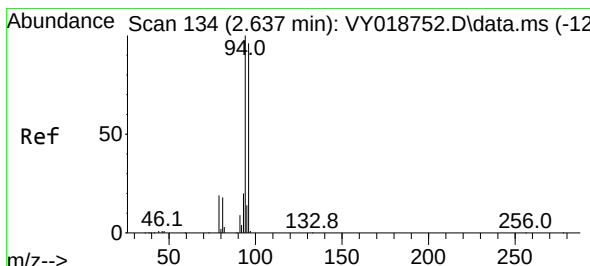
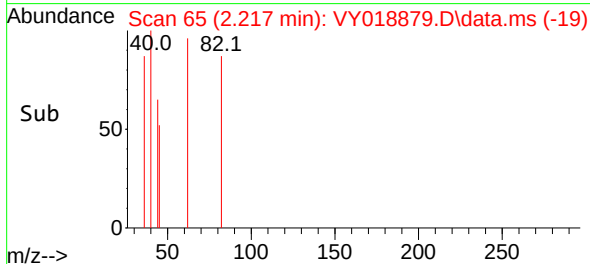
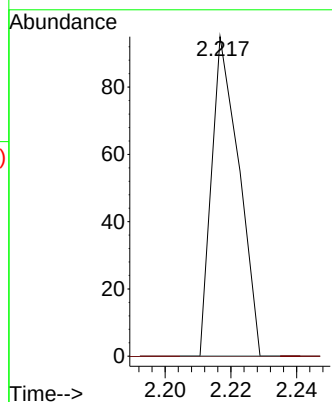
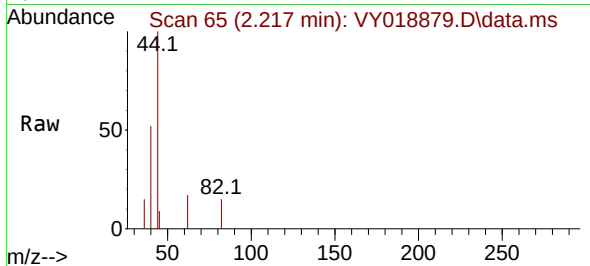




#4
 Vinyl Chloride
 Concen: 2.541 ug/l
 RT: 2.217 min Scan# 61
 Delta R.T. -0.018 min
 Lab File: VY018879.D
 Acq: 19 Jul 2024 14:04

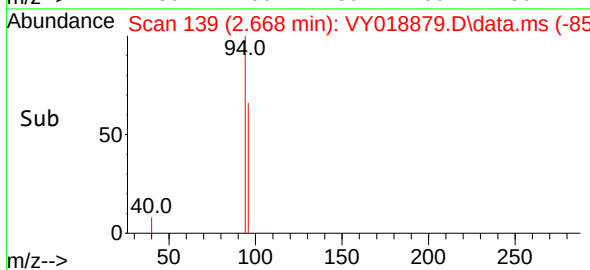
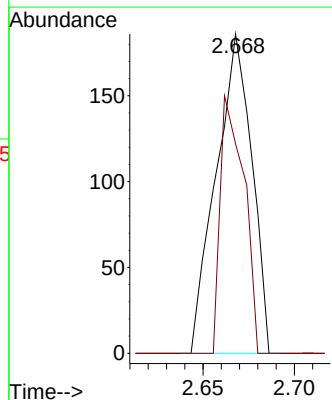
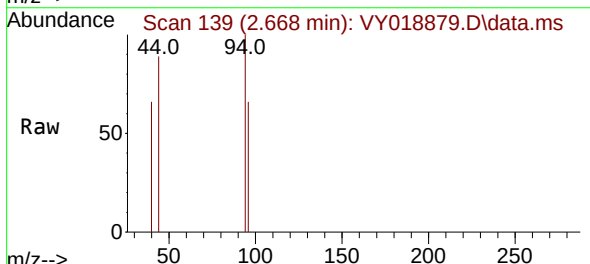
Instrument :
 MSVOA_Y
 ClientSampleId :

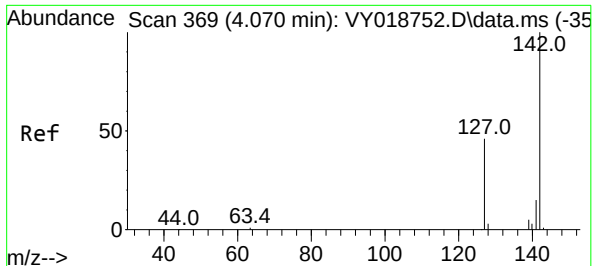
Tgt Ion: 62 Resp: 55
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 16.994 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.030 min
 Lab File: VY018879.D
 Acq: 19 Jul 2024 14:04

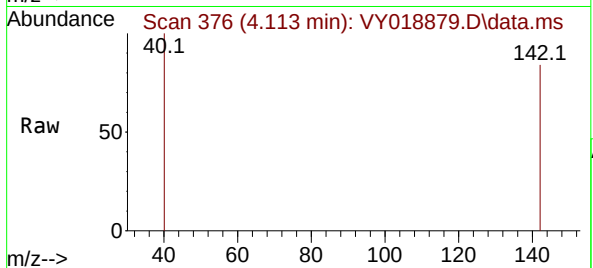
Tgt Ion: 94 Resp: 253
 Ion Ratio Lower Upper
 94 100
 96 65.6 74.1 111.1#



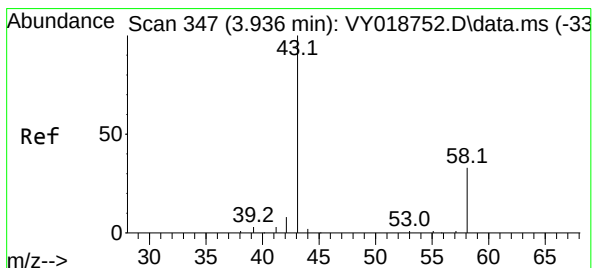
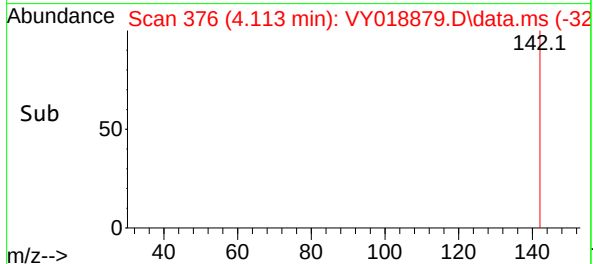
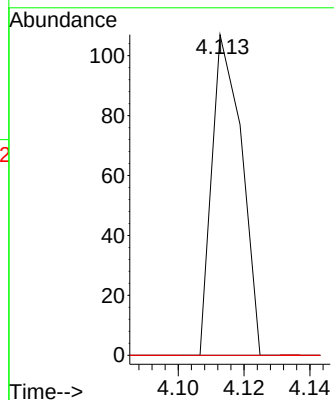


#10
Methyl Iodide
Concen: 4.288 ug/l
RT: 4.113 min Scan# 31
Delta R.T. 0.043 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :

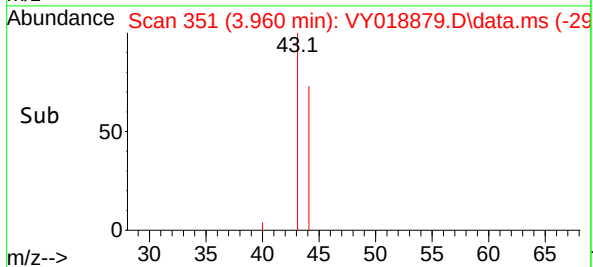
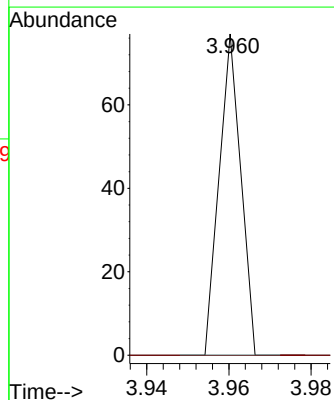
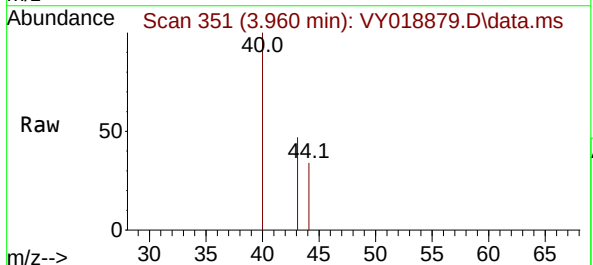


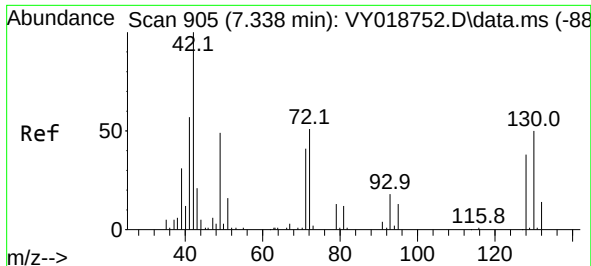
Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 10.622 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.024 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

Tgt Ion: 43 Resp: 28
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#29

Tetrahydrofuran

Concen: 12.361 ug/l

RT: 7.234 min Scan# 81

Delta R.T. -0.104 min

Lab File: VY018879.D

Acq: 19 Jul 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

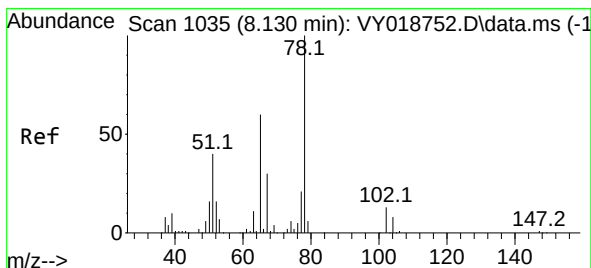
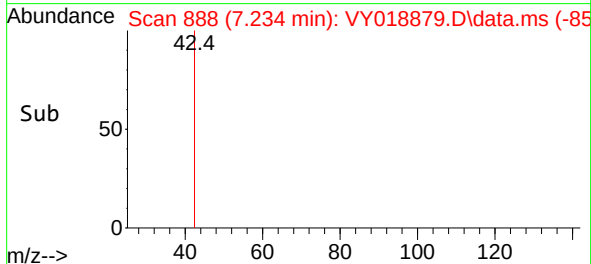
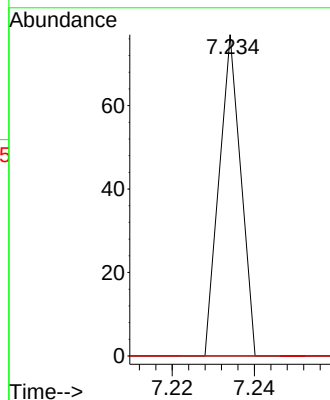
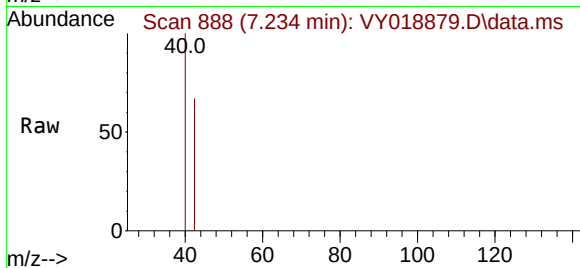
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#



#33

1,2-Dichloroethane-d4

Concen: 59.170 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018879.D

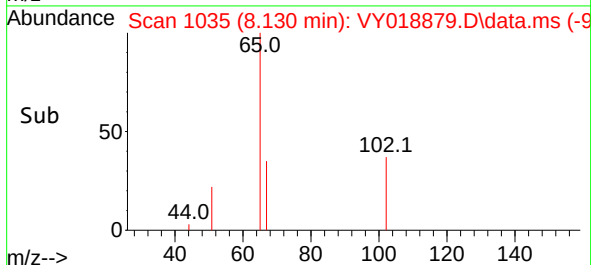
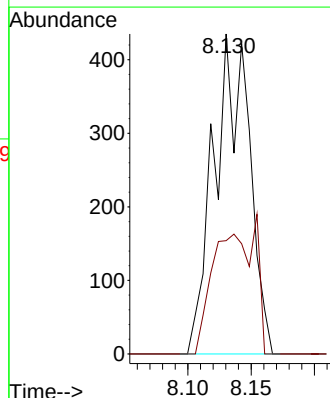
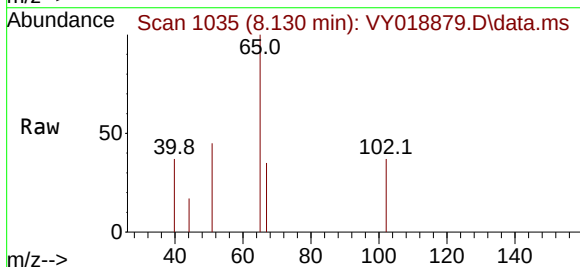
Acq: 19 Jul 2024 14:04

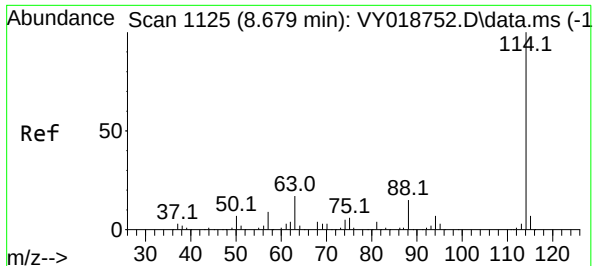
Tgt Ion: 65 Resp: 846

Ion Ratio Lower Upper

65 100

67 0.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018879.D

Acq: 19 Jul 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

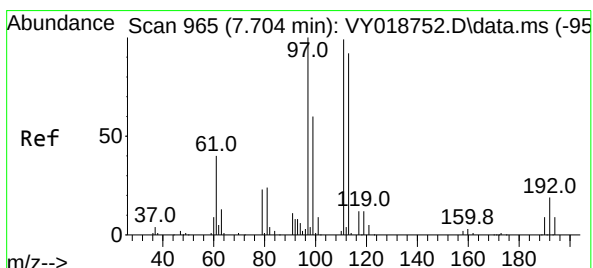
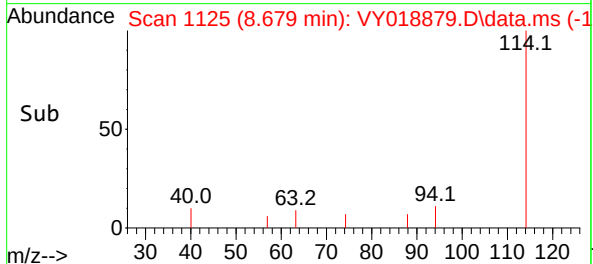
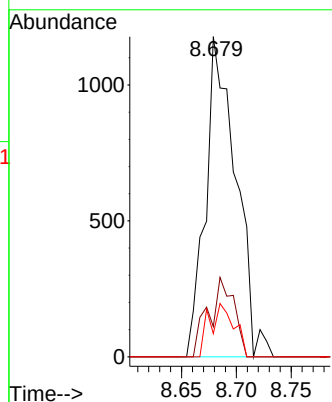
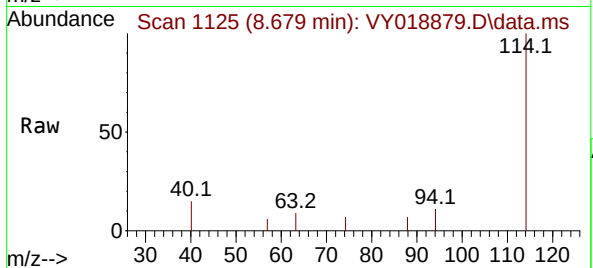
Tgt Ion:114 Resp: 2262

Ion Ratio Lower Upper

114 100

63 9.4 0.0 35.0

88 7.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.115 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.012 min

Lab File: VY018879.D

Acq: 19 Jul 2024 14:04

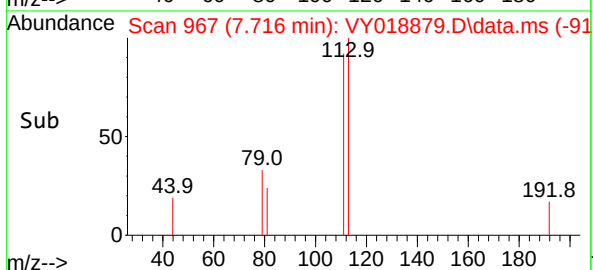
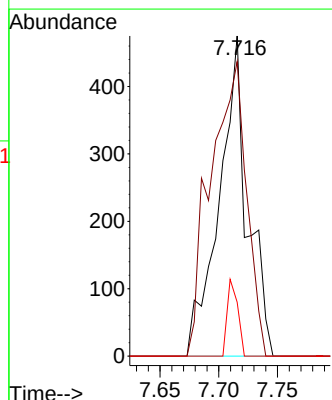
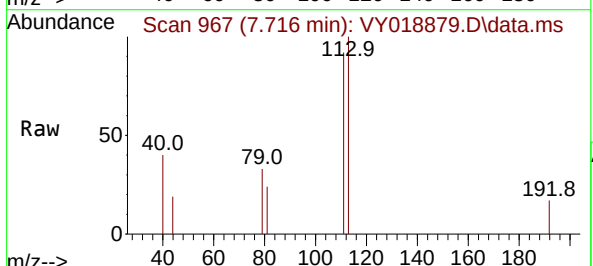
Tgt Ion:113 Resp: 795

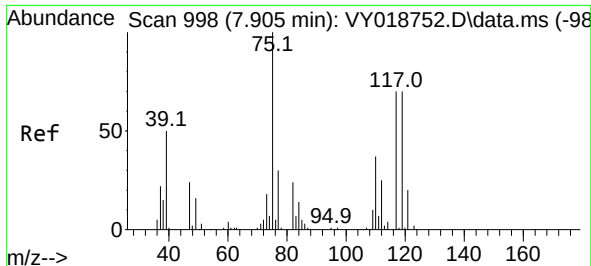
Ion Ratio Lower Upper

113 100

111 117.1 82.2 123.4

192 8.9 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 1.125 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.110 min

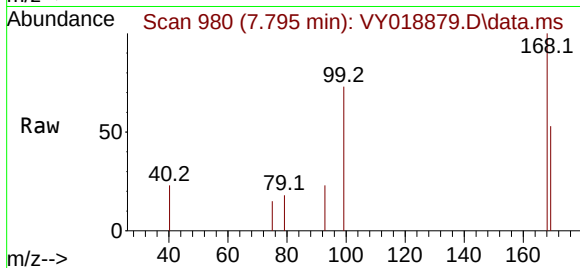
Lab File: VY018879.D

Acq: 19 Jul 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :



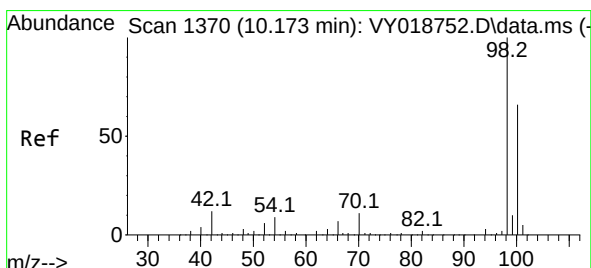
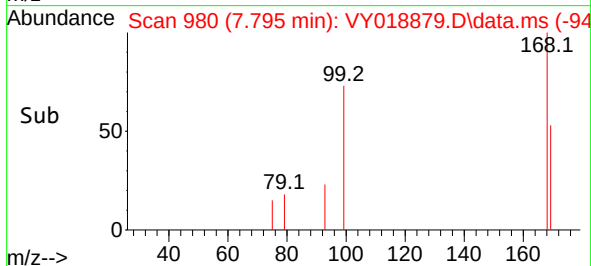
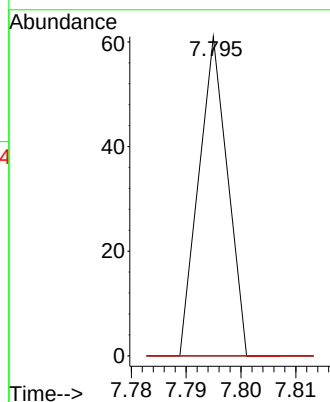
Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

110 0.0 19.0 57.0#

77 0.0 25.3 37.9#



#50

Toluene-d8

Concen: 44.062 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018879.D

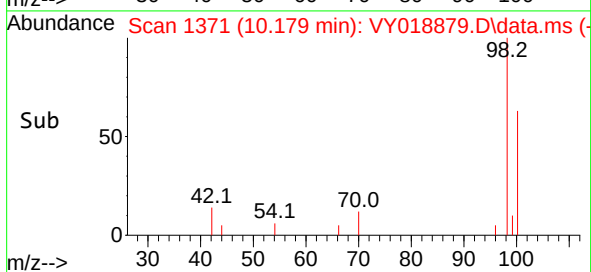
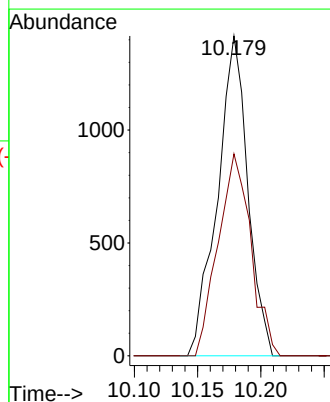
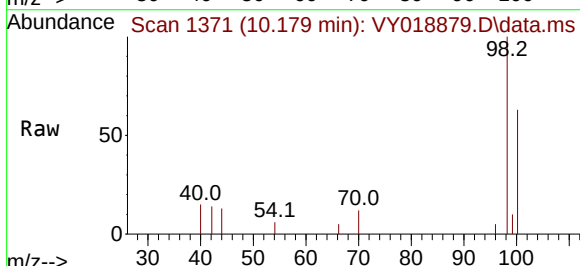
Acq: 19 Jul 2024 14:04

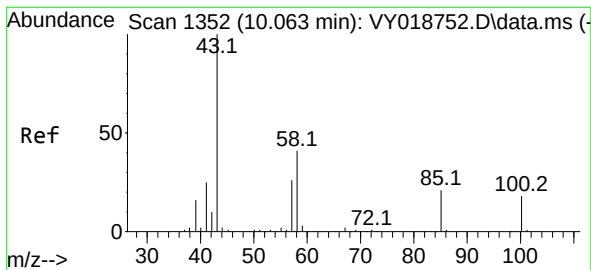
Tgt Ion: 98 Resp: 2365

Ion Ratio Lower Upper

98 100

100 68.2 52.0 78.0

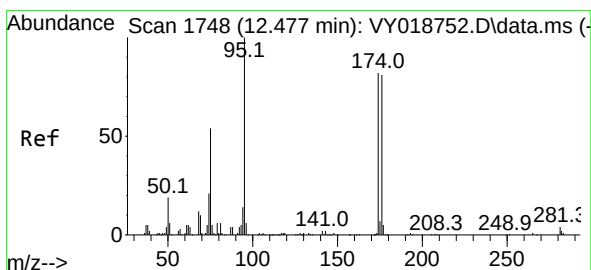
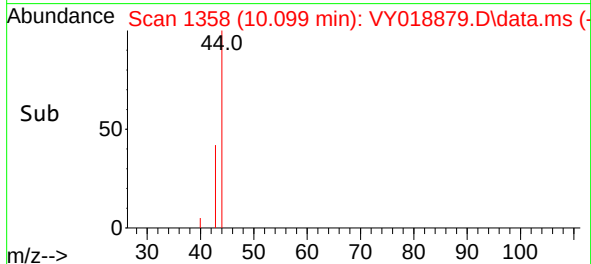
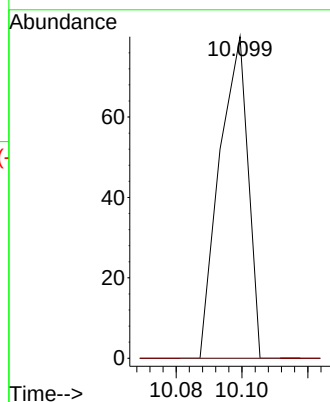
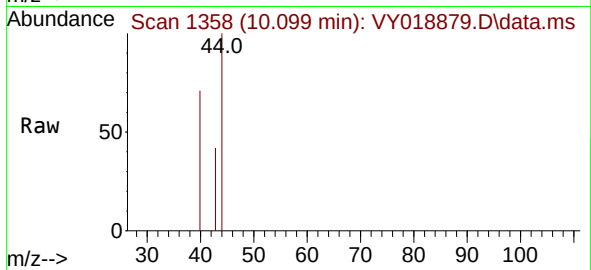




#51
4-Methyl-2-Pentanone
Concen: 5.814 ug/l
RT: 10.099 min Scan# 11
Delta R.T. 0.036 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

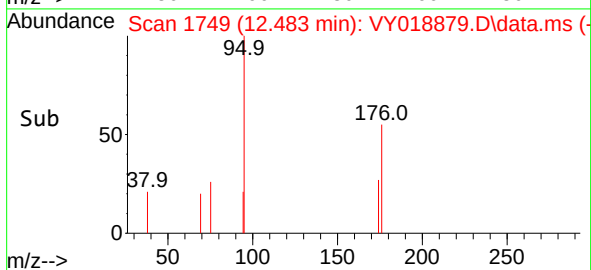
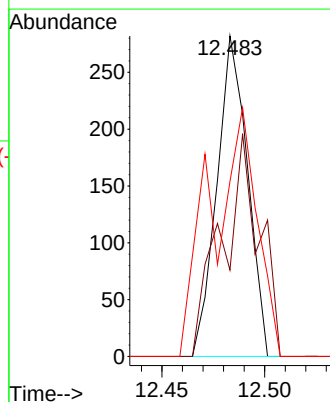
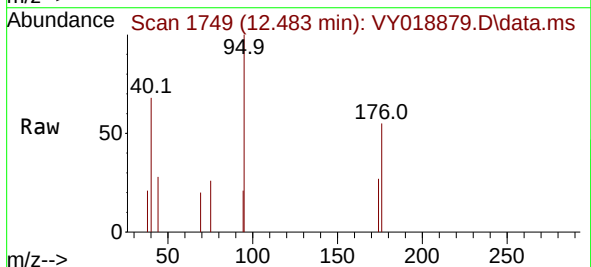
Instrument :
MSVOA_Y
ClientSampleId :

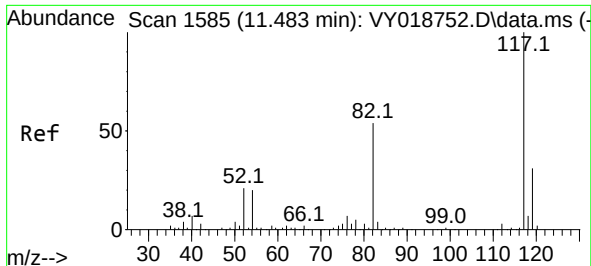
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 15.930 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

Tgt Ion: 95 Resp: 292
Ion Ratio Lower Upper
95 100
174 85.3 0.0 175.6
176 115.8 0.0 171.4

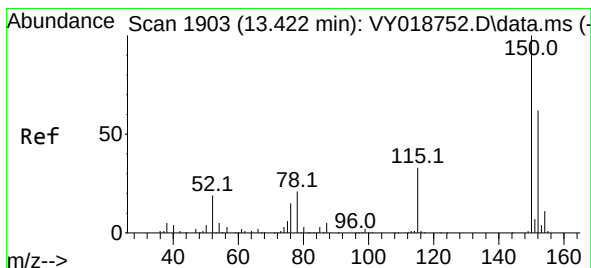
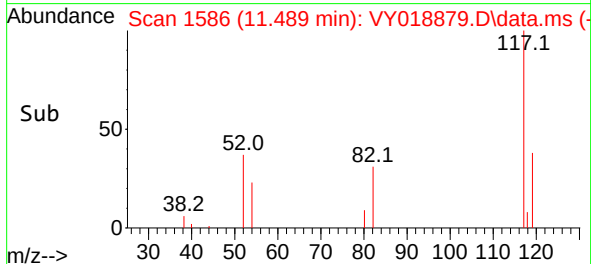
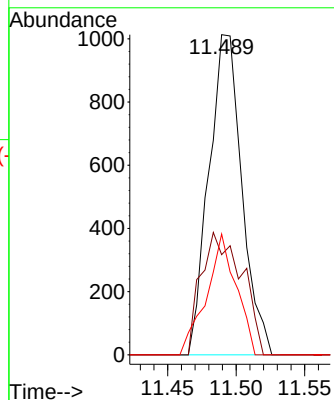
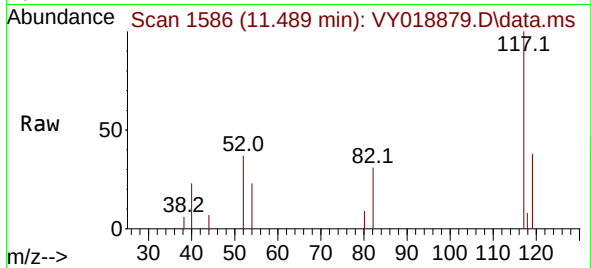




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

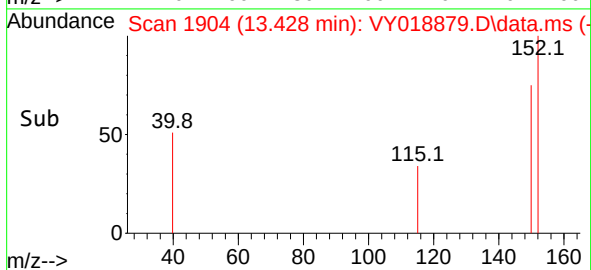
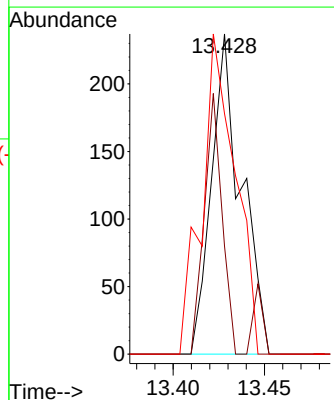
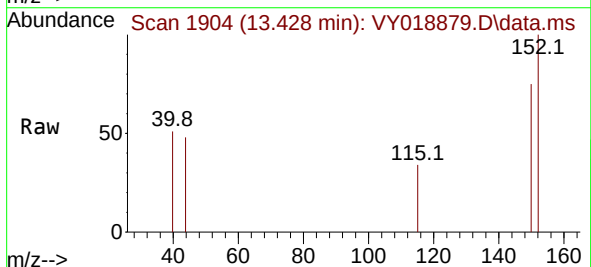
Instrument :
MSVOA_Y
ClientSampleId :

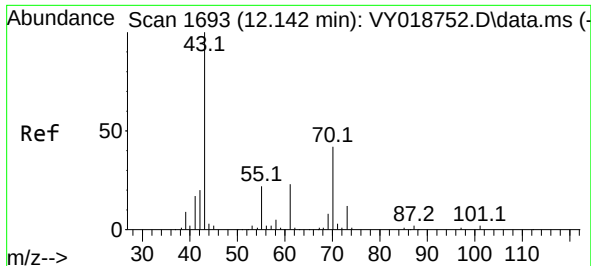
Tgt Ion:117 Resp: 1697
Ion Ratio Lower Upper
117 100
82 31.3 42.4 63.6#
119 37.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

Tgt Ion:152 Resp: 269
Ion Ratio Lower Upper
152 100
115 48.7 28.2 84.7
150 111.5 0.0 345.6

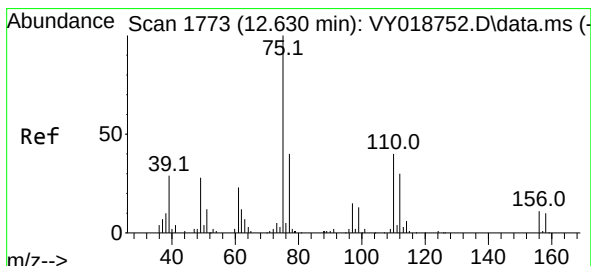
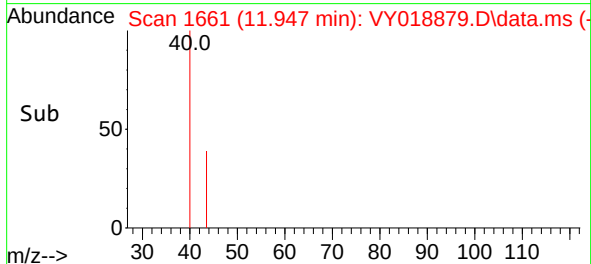
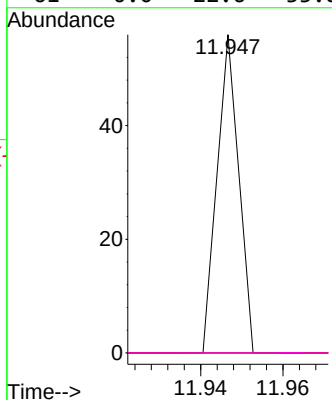
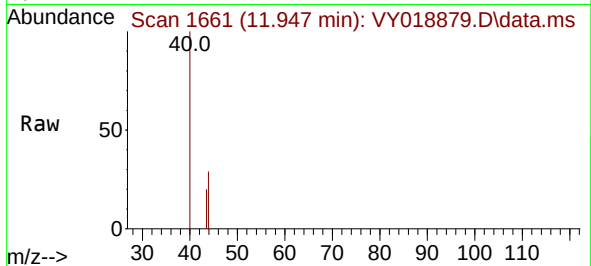




#74
N-amy1 acetate
Concen: 4.967 ug/l
RT: 11.947 min Scan# 1
Delta R.T. -0.195 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

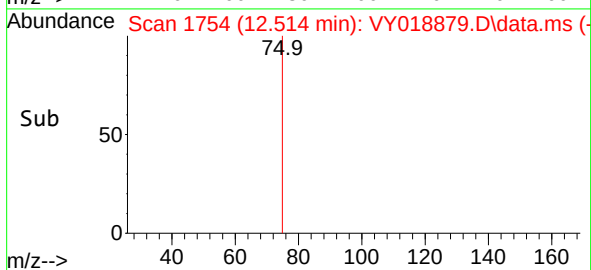
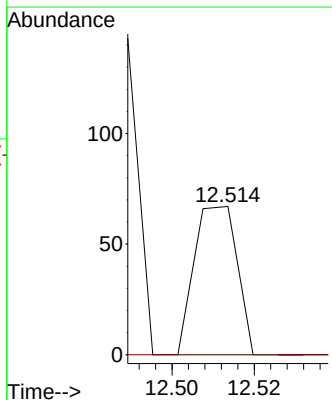
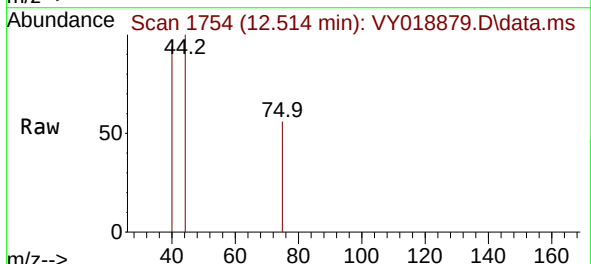
Instrument :
MSVOA_Y
ClientSampleId :

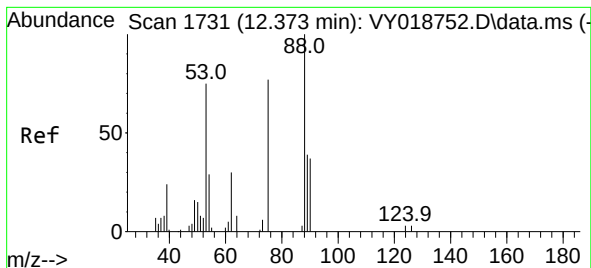
Tgt Ion: 43	Resp: 20
Ion Ratio	Lower Upper
43 100	
70 0.0	41.4 62.2#
55 0.0	23.3 34.9#
61 0.0	22.6 33.8#



#76
1,2,3-Trichloropropane
Concen: 23.257 ug/l
RT: 12.514 min Scan# 1754
Delta R.T. -0.116 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

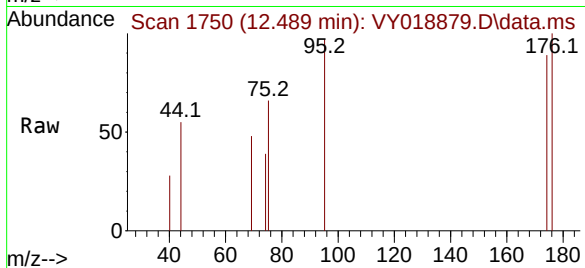
Tgt Ion: 75	Resp:	49	
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



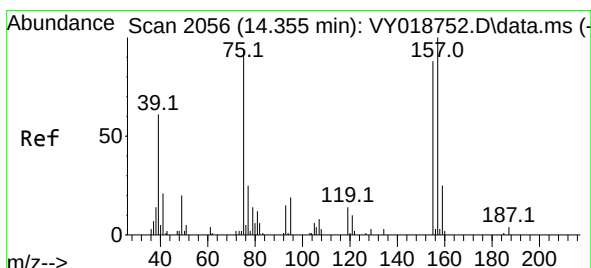
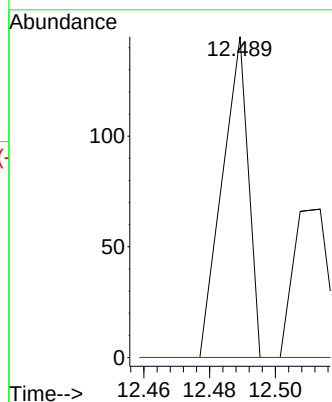
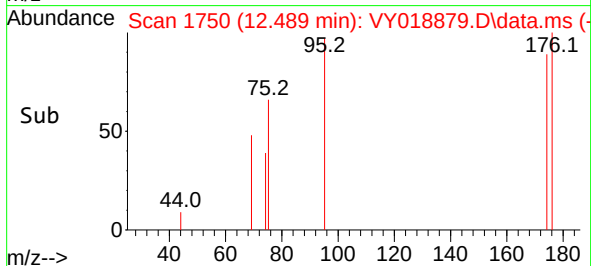


#81
trans-1,4-Dichloro-2-butene
Concen: 84.982 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04

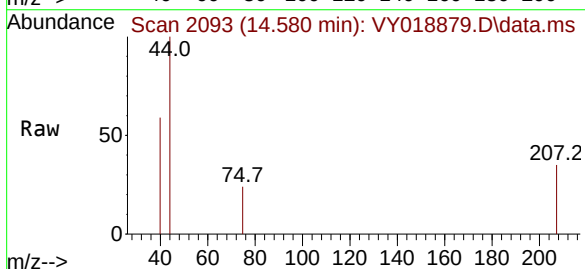
Instrument :
MSVOA_Y
ClientSampleId :



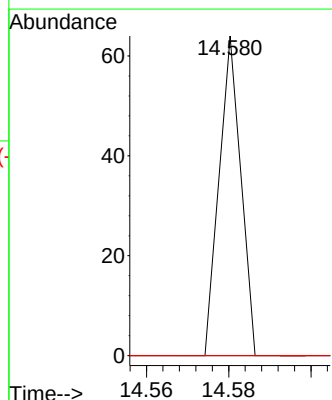
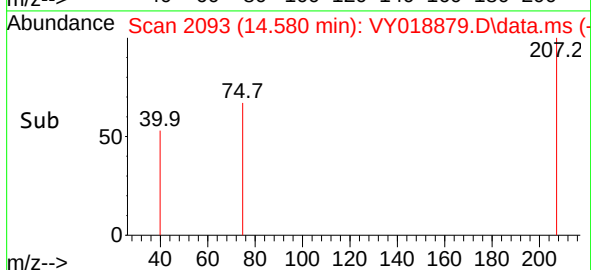
Tgt Ion: 75 Resp: 80
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

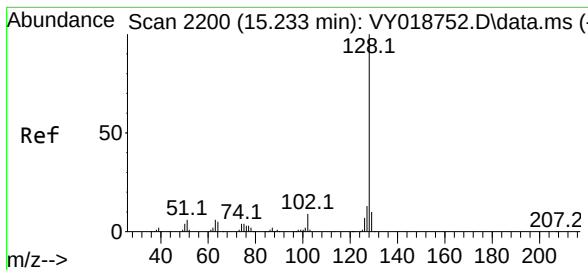


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.735 ug/l
RT: 14.580 min Scan# 2093
Delta R.T. 0.225 min
Lab File: VY018879.D
Acq: 19 Jul 2024 14:04



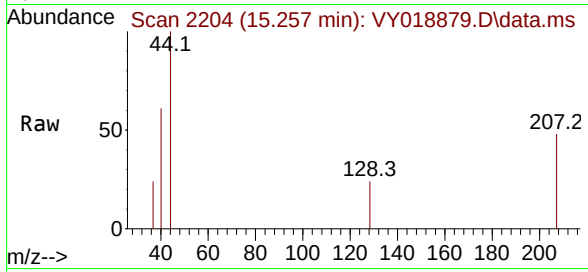
Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#





#95
 Naphthalene
 Concen: 5.389 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY018879.D
 Acq: 19 Jul 2024 14:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	45
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

