

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013855.D
 Acq On : 24 May 2023 18:42
 Operator : KP/MD
 Sample : 02908-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10B

Quant Time: May 25 07:09:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

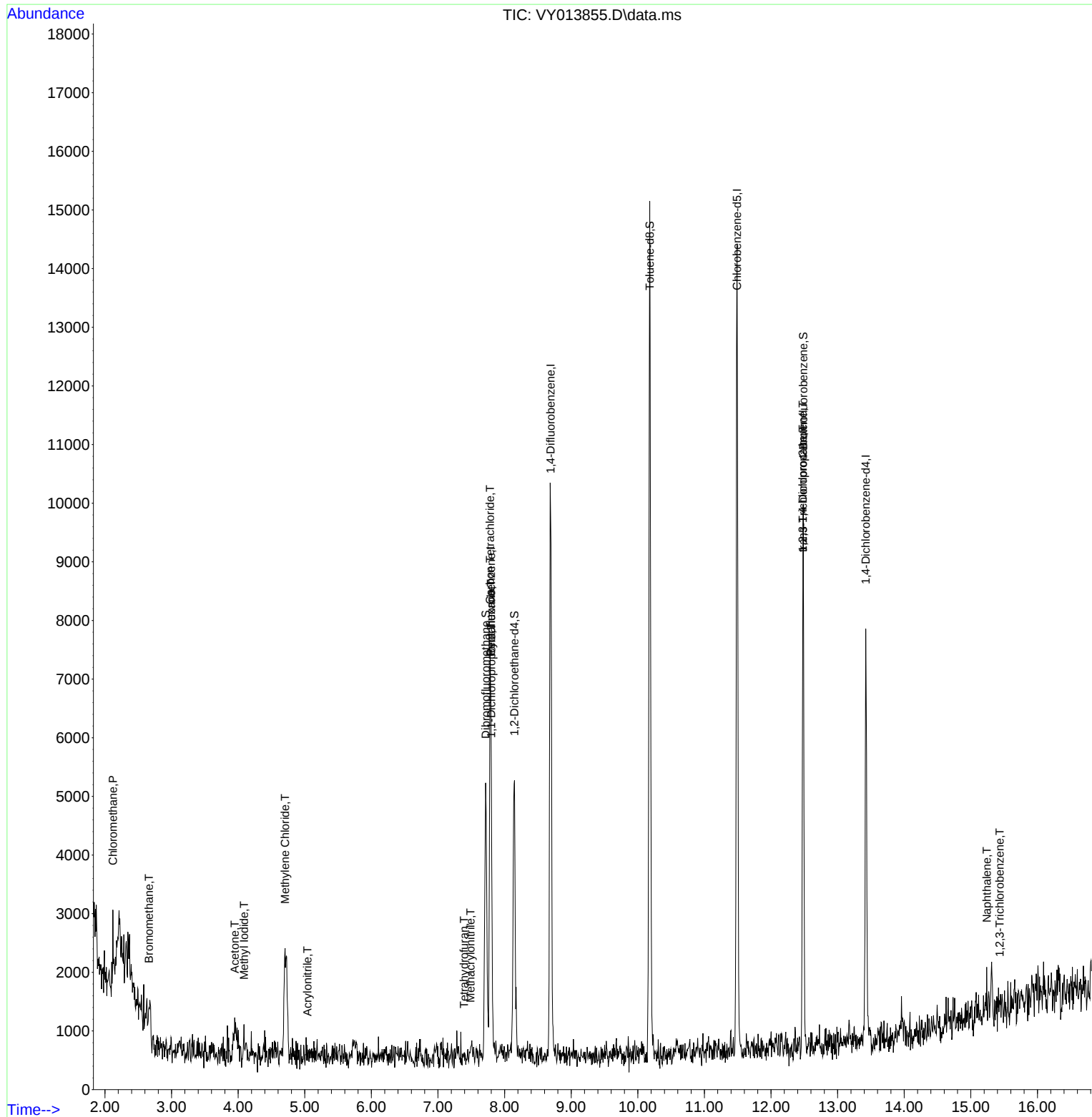
Internal Standards						
1) Pentafluorobenzene	7.795	168	5363	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	8841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4110	66.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.480%	
35) Dibromofluoromethane	7.716	113	3190	55.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.740%	
50) Toluene-d8	10.179	98	9443	43.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.040%	
62) 4-Bromofluorobenzene	12.483	95	2445	33.896	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 67.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	190	3.175	ug/l	# 41
5) Bromomethane	2.662	94	192	3.948	ug/l	97
10) Methyl Iodide	4.088	142	195	2.942	ug/l	# 87
15) Acrylonitrile	5.039	53	19	1.173	ug/l	# 17
16) Acetone	3.948	43	1111	60.332	ug/l	99
20) Methylene Chloride	4.704	84	1274	17.880	ug/l	# 81
29) Tetrahydrofuran	7.393	42	25	1.863	ug/l	# 36
31) Cyclohexane	7.795	56	100	1.049	ug/l	# 4
36) 1,1-Dichloropropene	7.801	75	395	4.542	ug/l	# 42
38) Carbon Tetrachloride	7.783	117	518	5.238	ug/l	# 13
41) Methacrylonitrile	7.490	41	57	1.969	ug/l	# 20
76) 1,2,3-Trichloropropane	12.477	75	1324	57.969	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	1324	125.832	ug/l	# 10
95) Naphthalene	15.239	128	97	5.615	ug/l	# 68
96) 1,2,3-Trichlorobenzene	15.434	180	51	1.524	ug/l	# 12

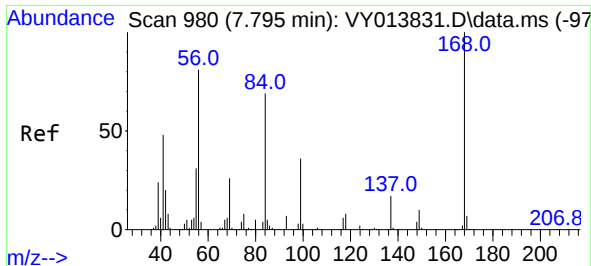
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
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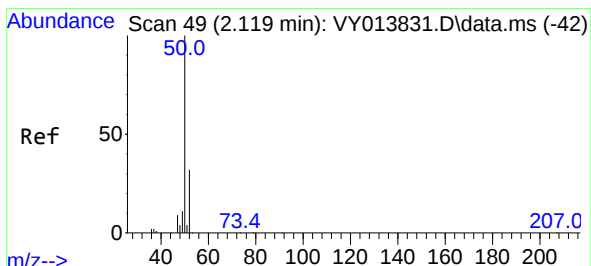
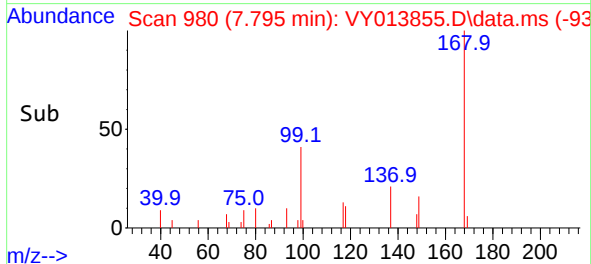
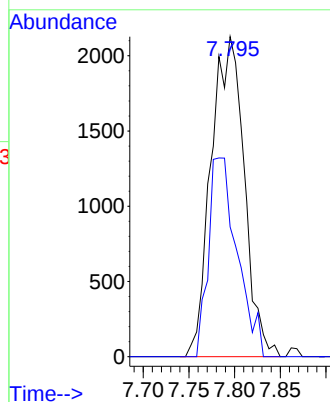
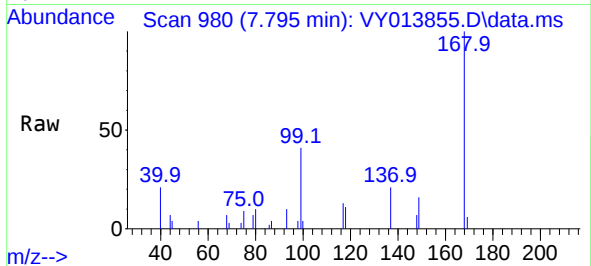




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

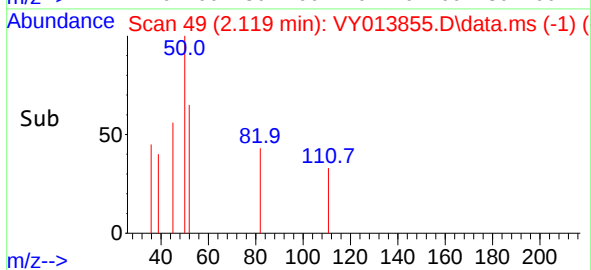
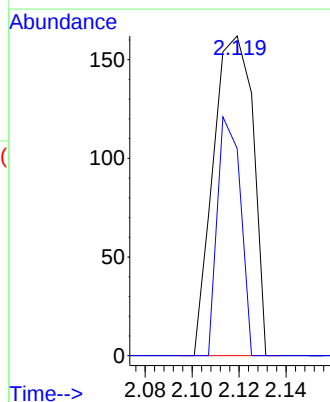
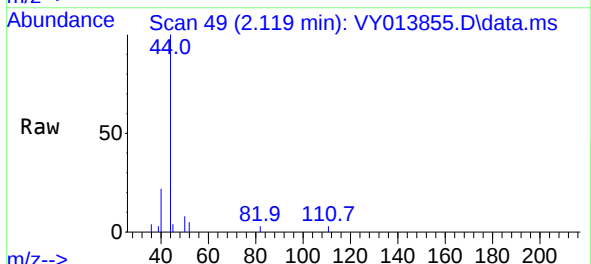
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

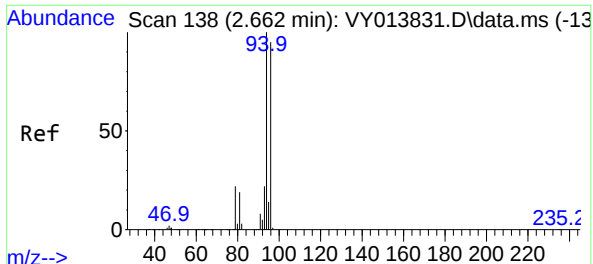
Tgt Ion:168 Resp: 5363
Ion Ratio Lower Upper
168 100
99 40.5 43.4 65.2#



#3
Chloromethane
Concen: 3.175 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

Tgt Ion: 50 Resp: 190
Ion Ratio Lower Upper
50 100
52 64.8 25.7 38.5#

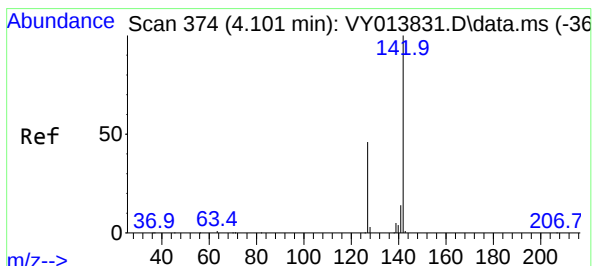
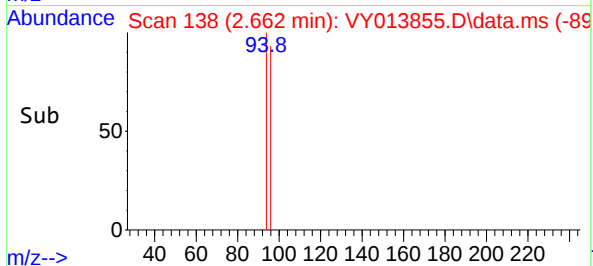
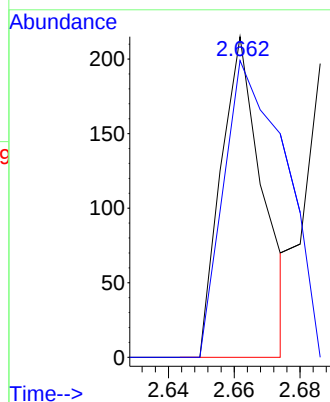
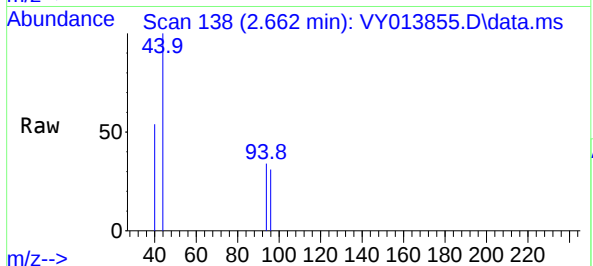




#5
Bromomethane
Concen: 3.948 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

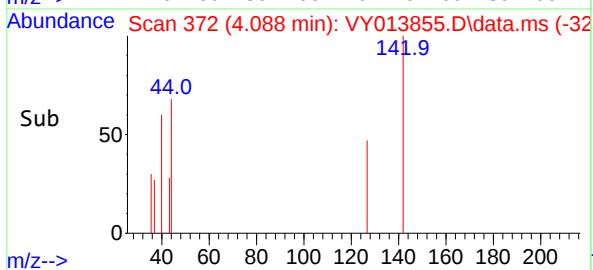
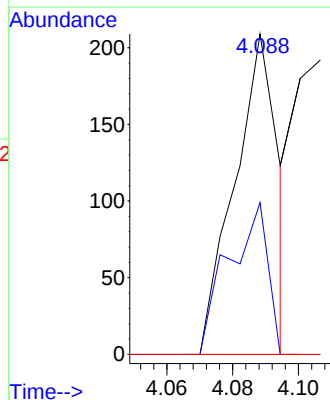
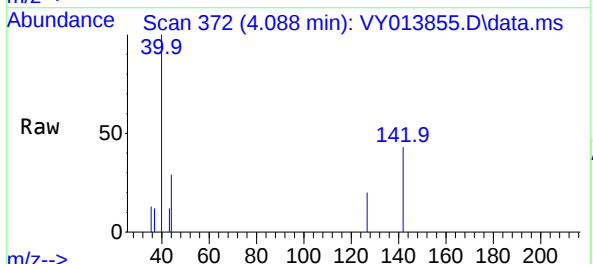
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

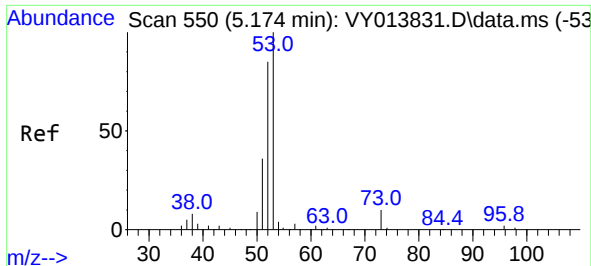
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 92.6 76.2 114.2



#10
Methyl Iodide
Concen: 2.942 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

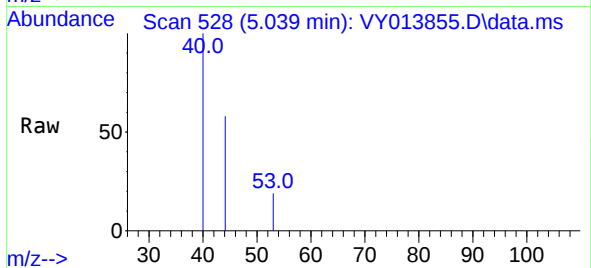
Tgt Ion: 142 Resp: 195
Ion Ratio Lower Upper
142 100
127 42.1 37.0 55.4
141 0.0 11.8 17.6#



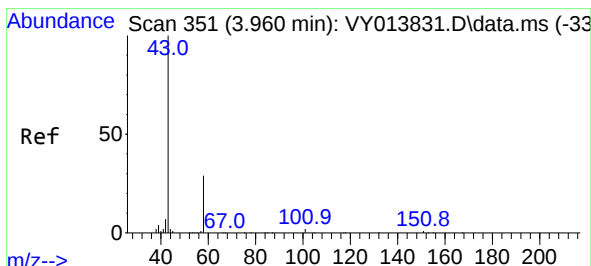
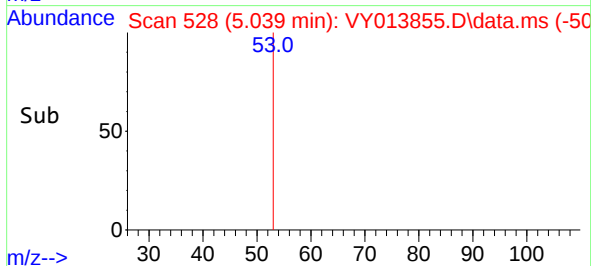
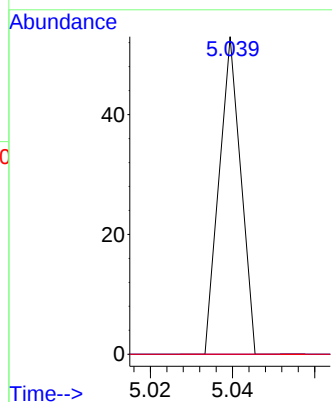


#15
Acrylonitrile
Concen: 1.173 ug/l
RT: 5.039 min Scan# 51
Delta R.T. -0.134 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

Instrument :
MSVOA_Y
ClientSampleId :
SB10B

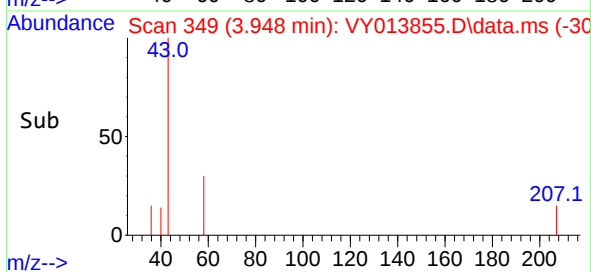
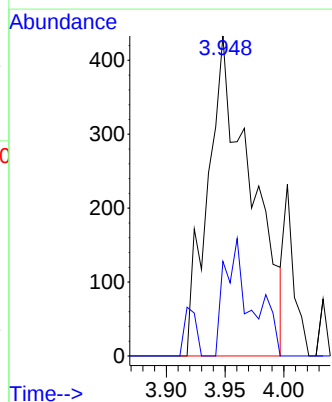
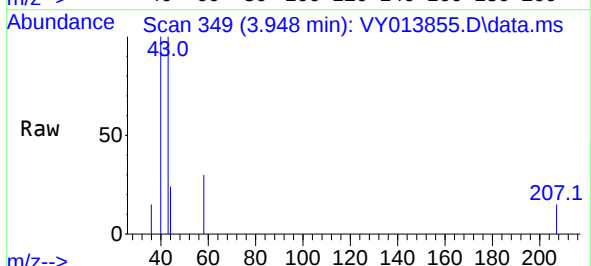


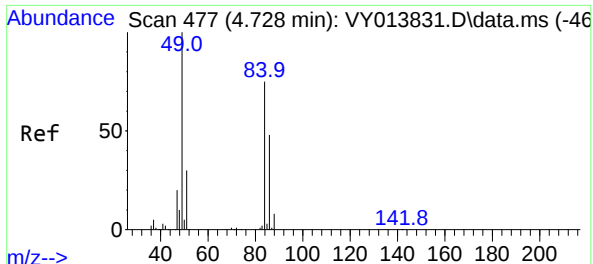
Tgt Ion: 53 Resp: 19
Ion Ratio Lower Upper
53 100
52 0.0 67.2 100.8#
51 0.0 30.2 45.2#



#16
Acetone
Concen: 60.332 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
58 29.6 23.3 34.9



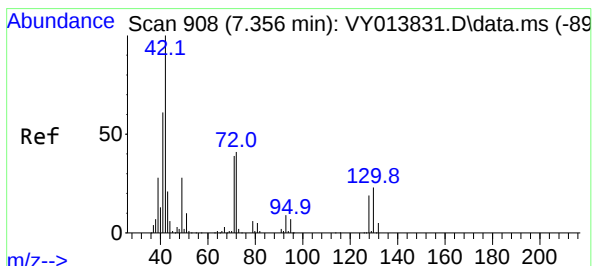
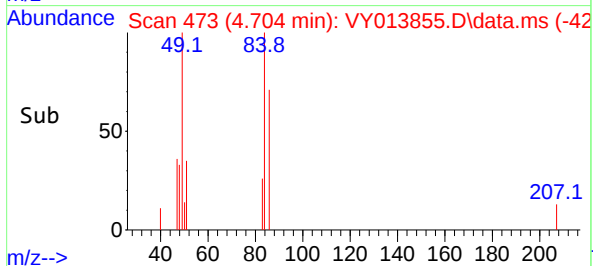
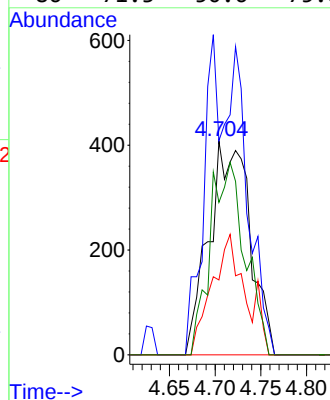
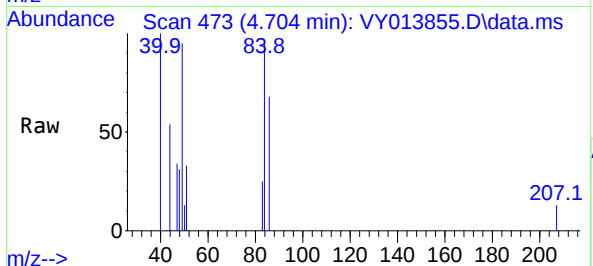


#20
Methylene Chloride
Concen: 17.880 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

Instrument :
MSVOA_Y
ClientSampleId :
SB10B

Tgt Ion: 84 Resp: 1274

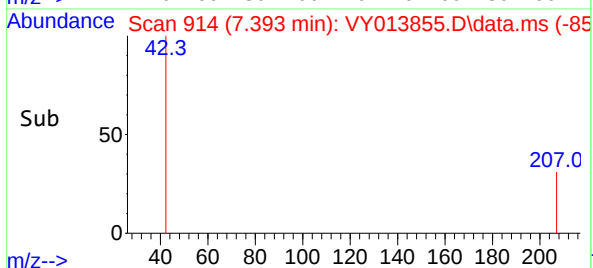
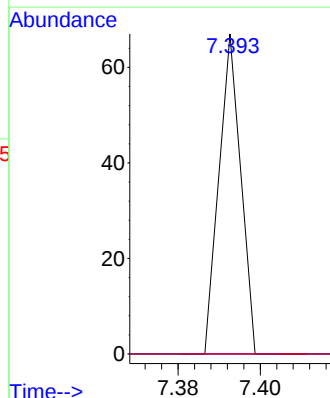
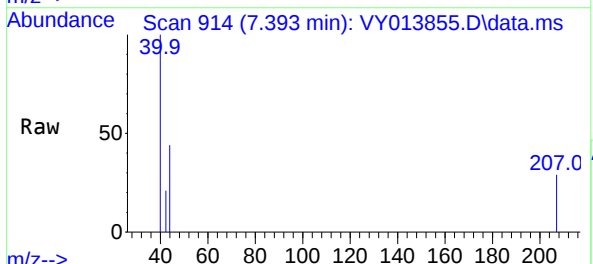
Ion	Ratio	Lower	Upper
84	100		
49	100.2	106.2	159.2#
51	35.0	31.4	47.0
86	71.3	50.6	75.8

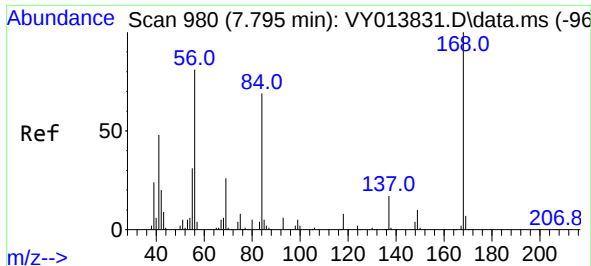


#29
Tetrahydrofuran
Concen: 1.863 ug/l
RT: 7.393 min Scan# 914
Delta R.T. 0.037 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

Tgt Ion: 42 Resp: 25

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	0.0	30.6	45.8#

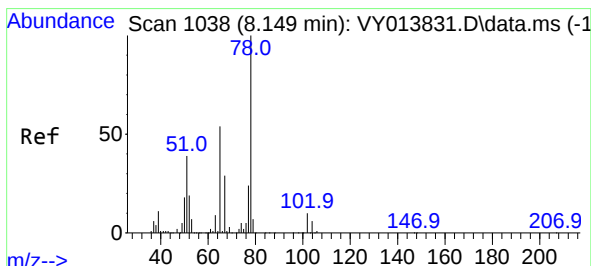
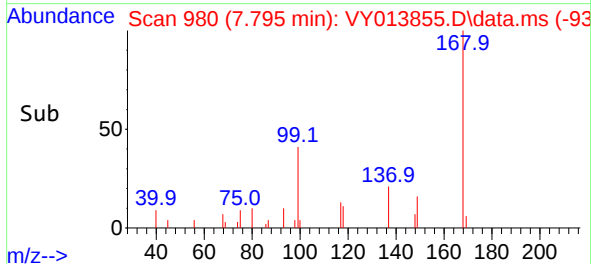
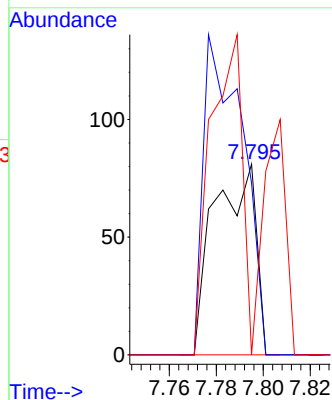
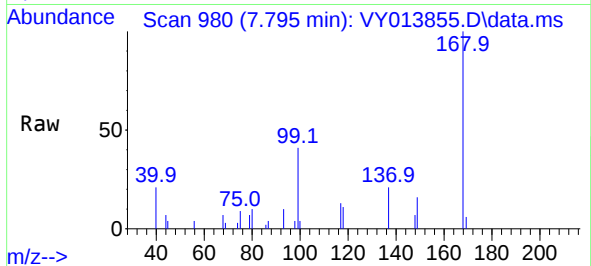




#31
Cyclohexane
Concen: 1.049 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

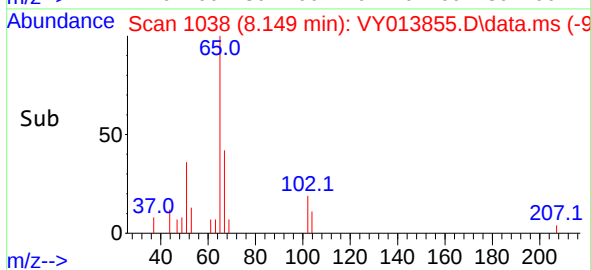
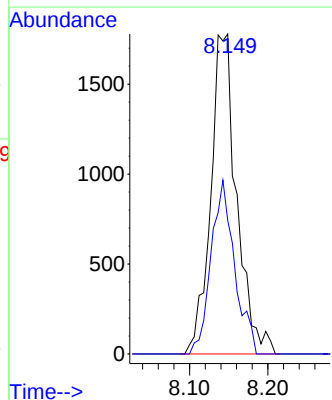
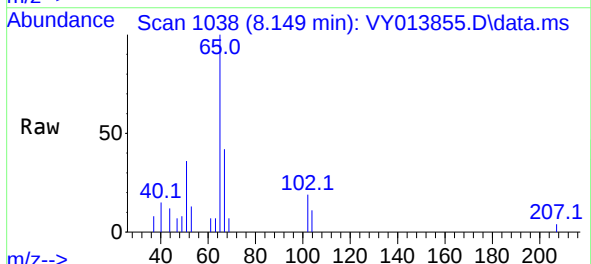
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

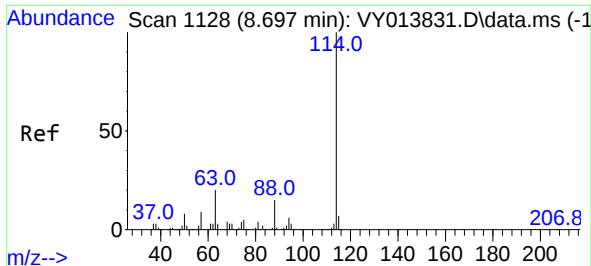
Tgt Ion: 56 Resp: 100
Ion Ratio Lower Upper
56 100
69 90.1 25.8 38.8#
84 0.0 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 66.243 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

Tgt Ion: 65 Resp: 4110
Ion Ratio Lower Upper
65 100
67 49.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013855.D

Acq: 24 May 2023 18:42

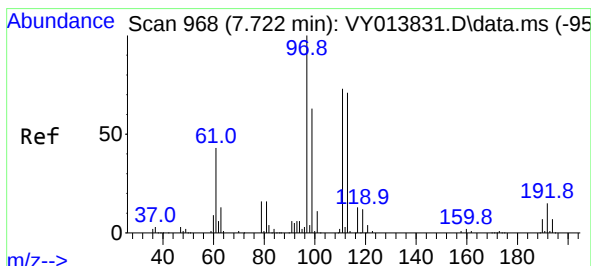
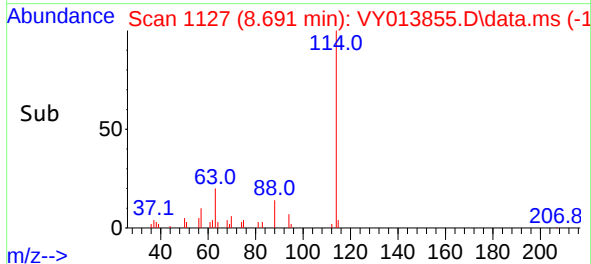
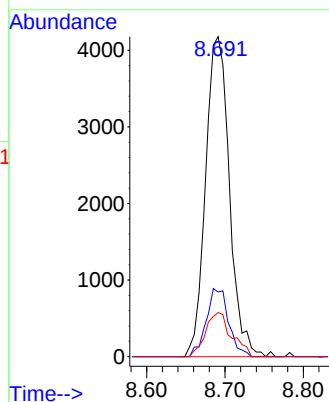
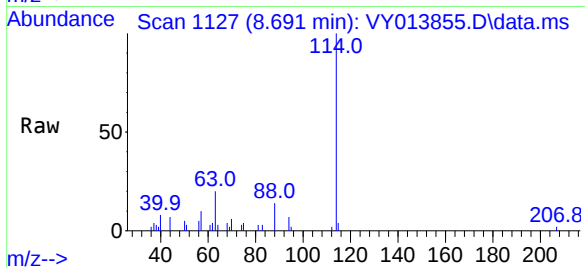
Instrument :

MSVOA_Y

ClientSampleId :

SB10B

Tgt Ion:114	Resp:	8841
Ion	Ratio	Lower Upper
114	100	
63	20.2	0.0 40.2
88	13.8	0.0 30.0



#35

Dibromofluoromethane

Concen: 55.871 ug/l

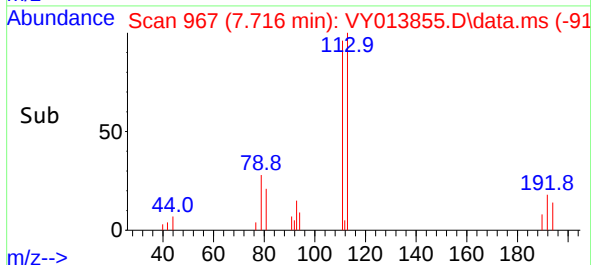
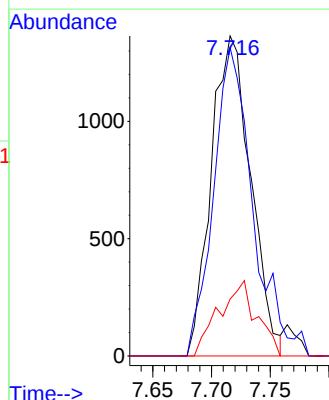
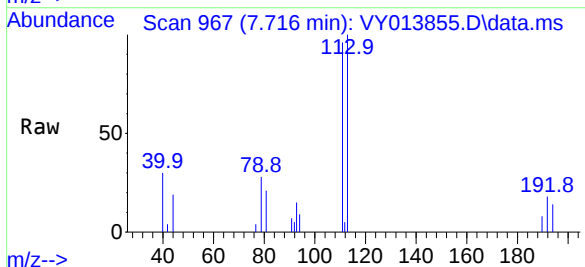
RT: 7.716 min Scan# 967

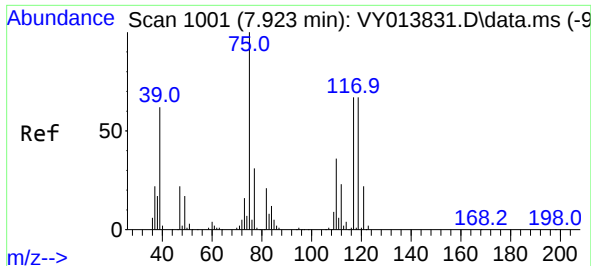
Delta R.T. -0.006 min

Lab File: VY013855.D

Acq: 24 May 2023 18:42

Tgt Ion:113	Resp:	3190
Ion	Ratio	Lower Upper
113	100	
111	96.4	80.4 120.6
192	22.4	16.6 25.0

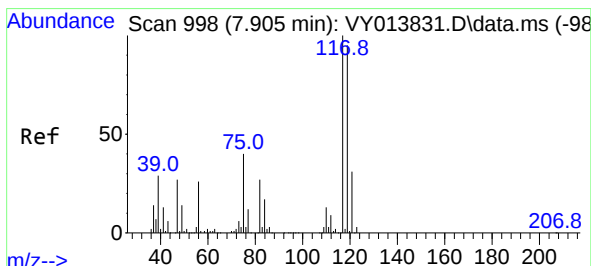
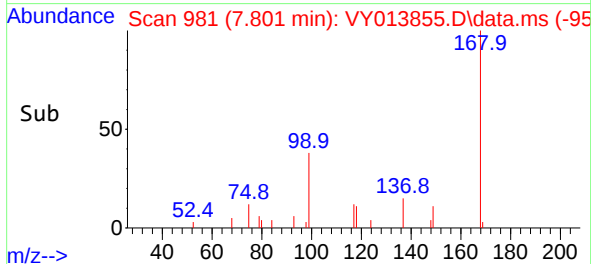
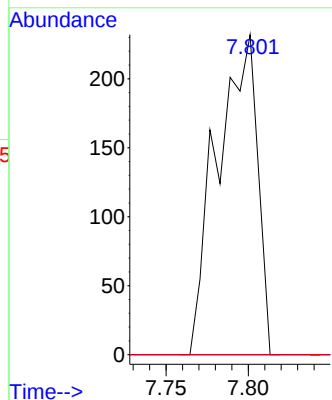
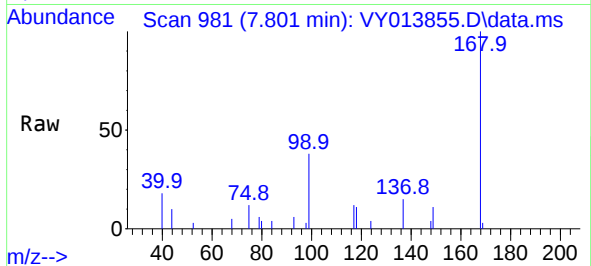




#36
1,1-Dichloropropene
Concen: 4.542 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

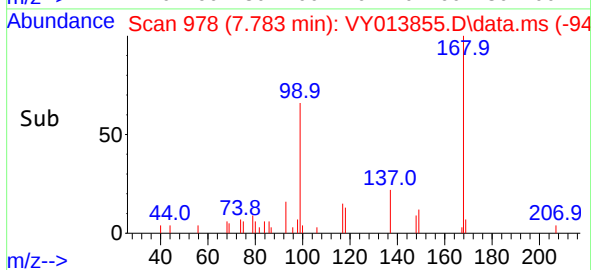
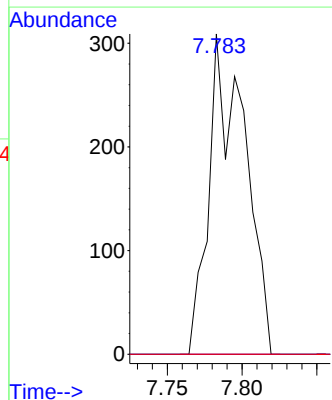
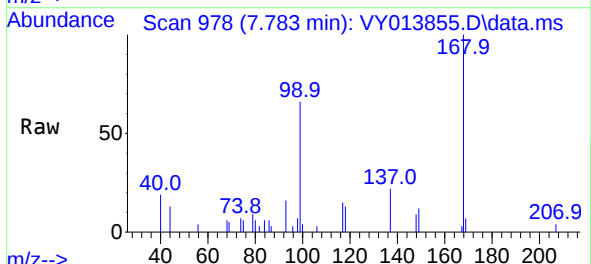
Instrument :
MSVOA_Y
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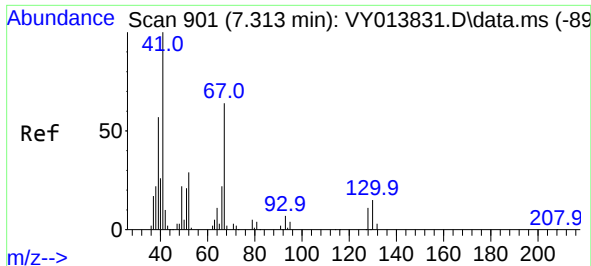
Tgt Ion: 75 Resp: 395
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.238 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

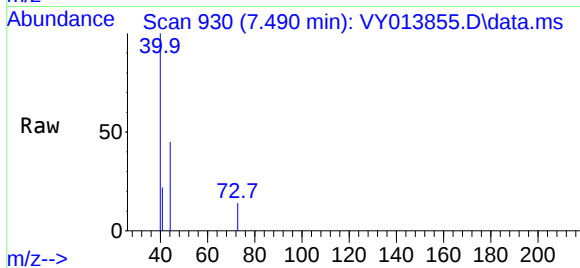
Tgt Ion: 117 Resp: 518
Ion Ratio Lower Upper
117 100
119 0.0 75.6 113.4#
121 0.0 24.8 37.2#



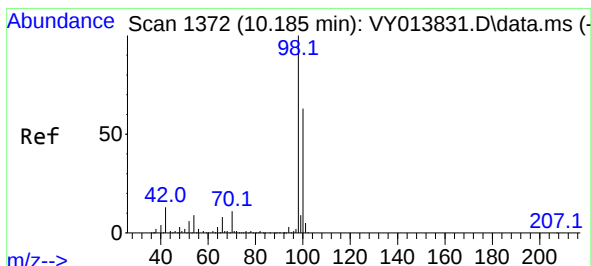
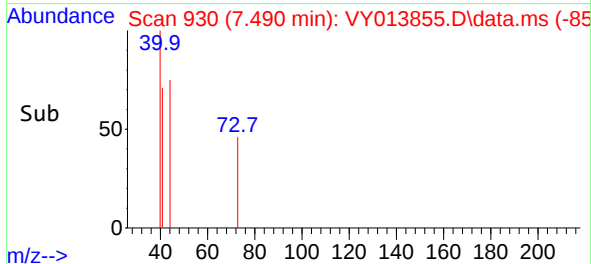
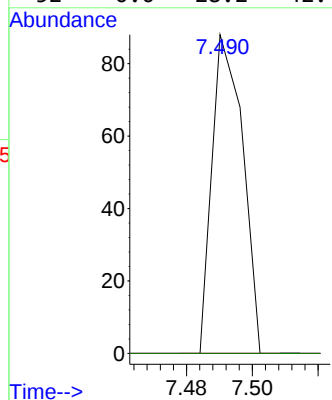


#41
Methacrylonitrile
Concen: 1.969 ug/l
RT: 7.490 min Scan# 91
Delta R.T. 0.177 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

Instrument :
MSVOA_Y
ClientSampleId :
SB10B

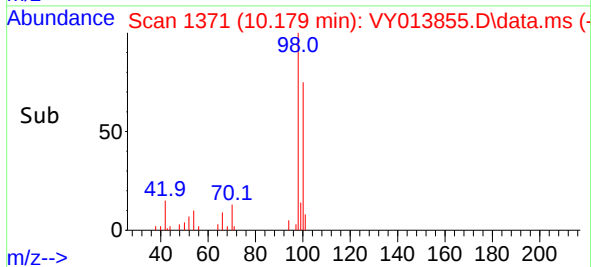
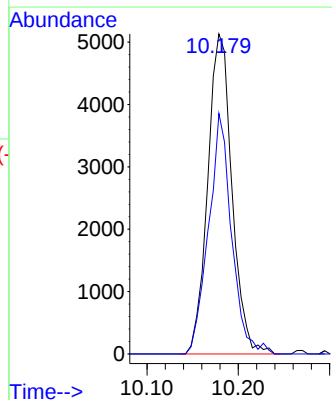
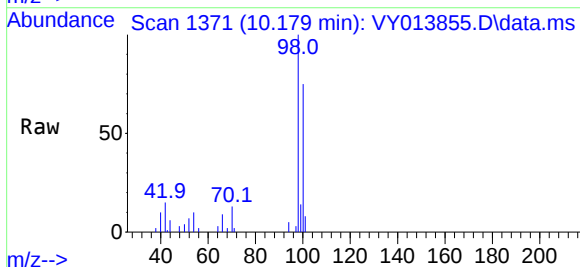


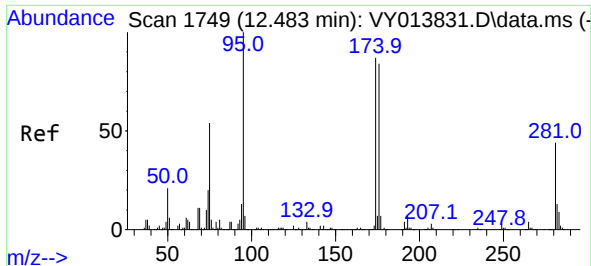
Tgt Ion: 41	Resp: 57
Ion Ratio	Lower Upper
41 100	
39 0.0	44.1 66.1#
67 0.0	63.7 95.5#
52 0.0	28.2 42.4#



#50
Toluene-d8
Concen: 43.516 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

Tgt Ion: 98	Resp: 9443
Ion Ratio	Lower Upper
98 100	
100 71.5	50.8 76.2

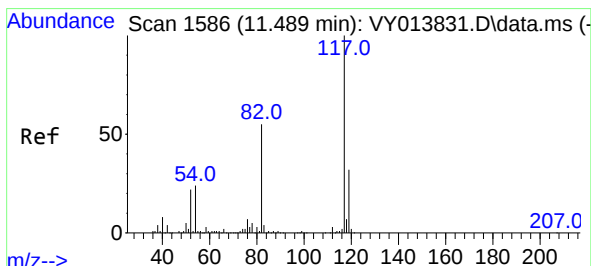
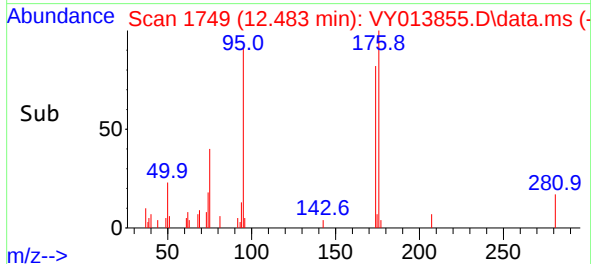
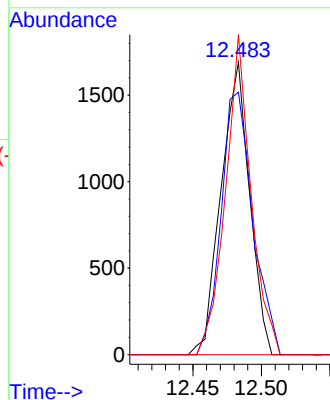
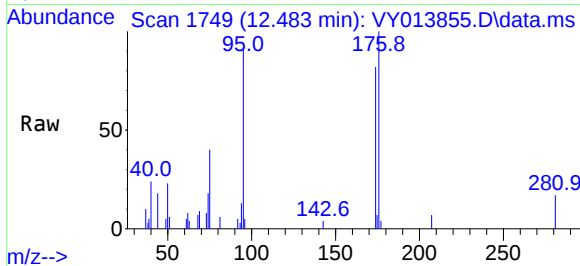




#62
4-Bromofluorobenzene
Concen: 33.896 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

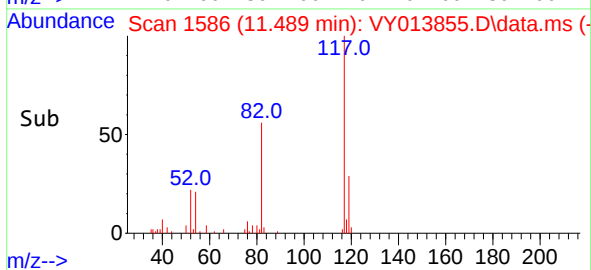
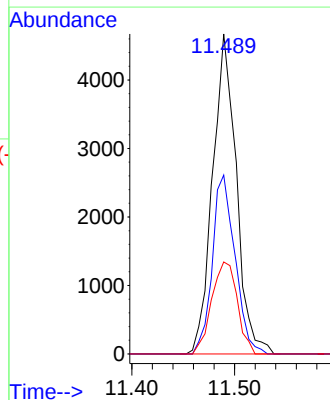
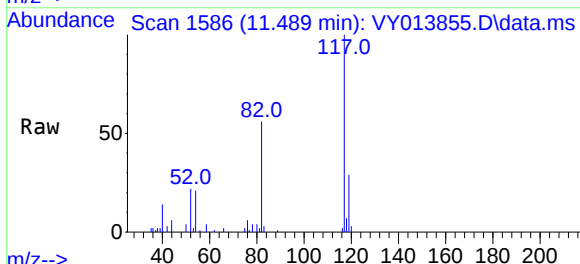
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

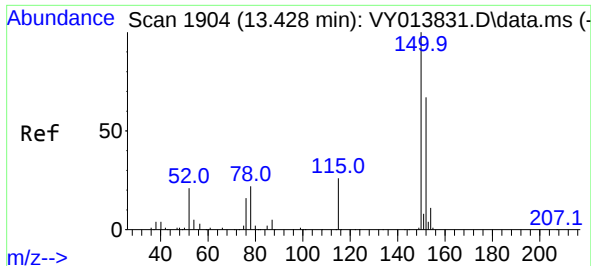
Tgt Ion:	95	Resp:	2445
Ion	Ratio	Lower	Upper
95	100		
174	99.9	0.0	176.0
176	98.4	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

Tgt Ion:	117	Resp:	7482
Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.2	66.4
119	28.7	25.7	38.5

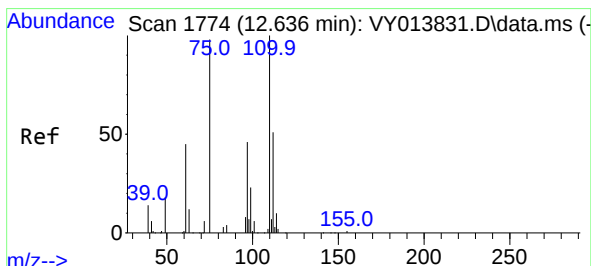
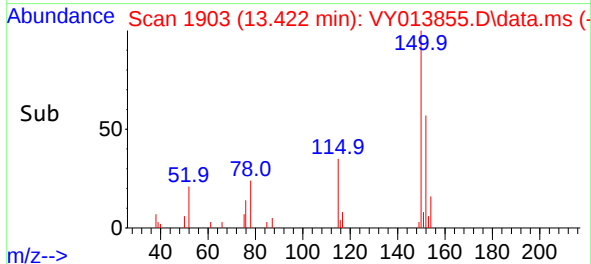
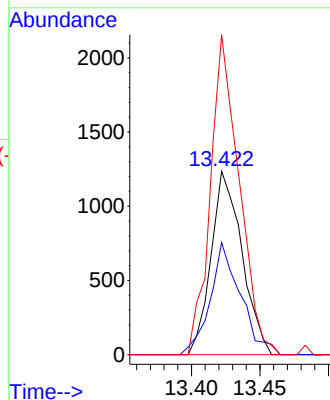
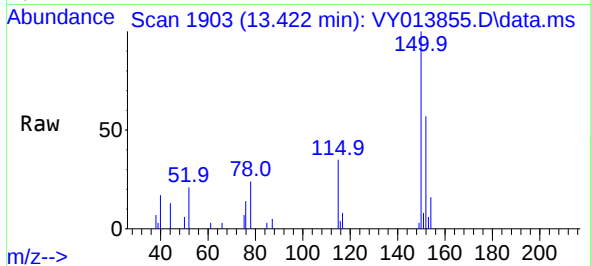




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

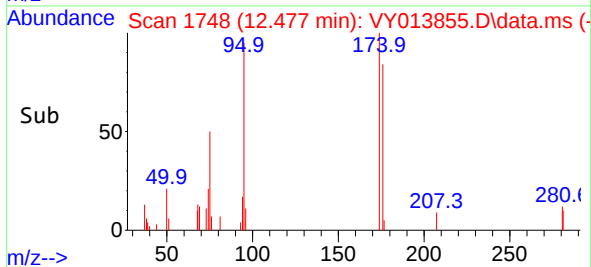
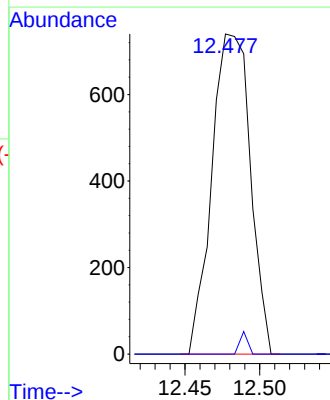
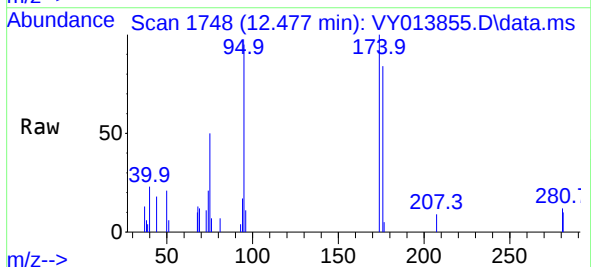
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

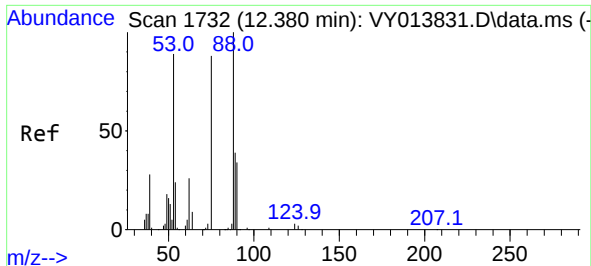
Tgt Ion:152 Resp: 1937
Ion Ratio Lower Upper
152 100
115 60.1 28.8 86.5
150 162.8 0.0 353.4



#76
1,2,3-Trichloropropane
Concen: 57.969 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

Tgt Ion: 75 Resp: 1324
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

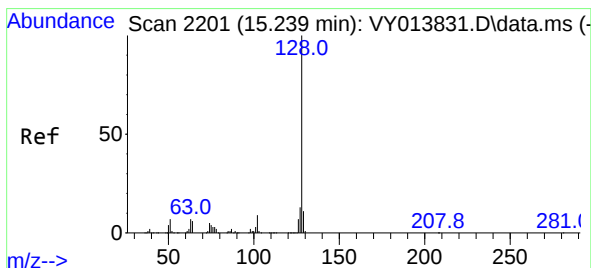
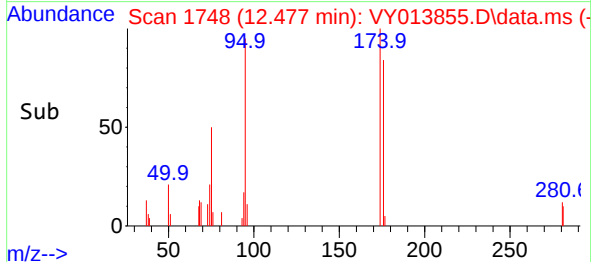
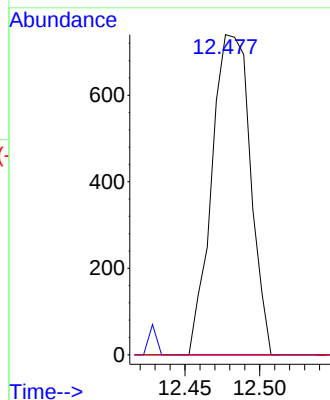
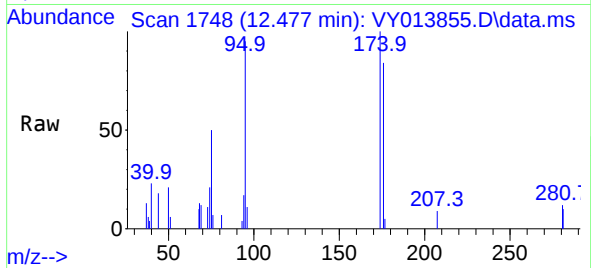




#81
trans-1,4-Dichloro-2-butene
Concen: 125.832 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

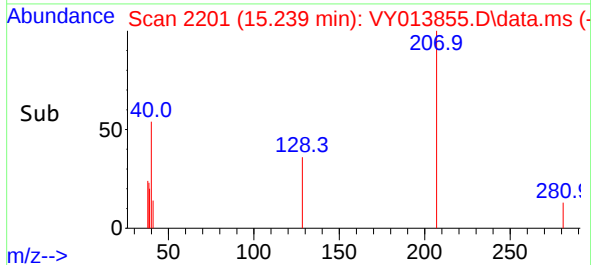
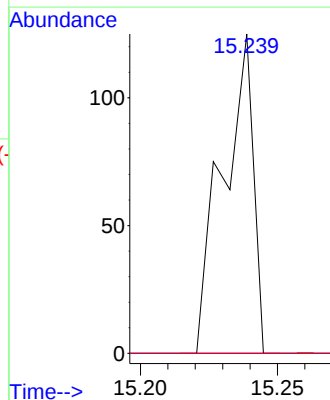
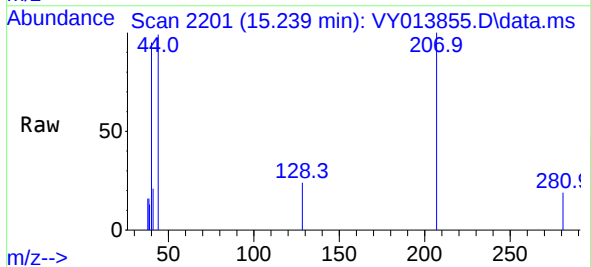
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

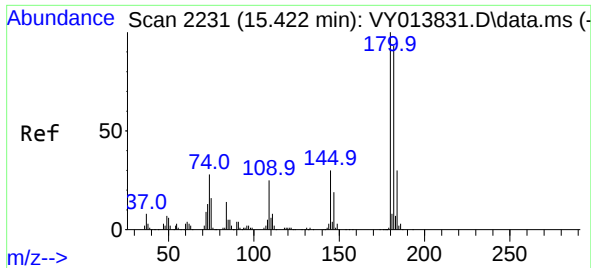
Tgt Ion: 75 Resp: 1324
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 5.615 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013855.D
Acq: 24 May 2023 18:42

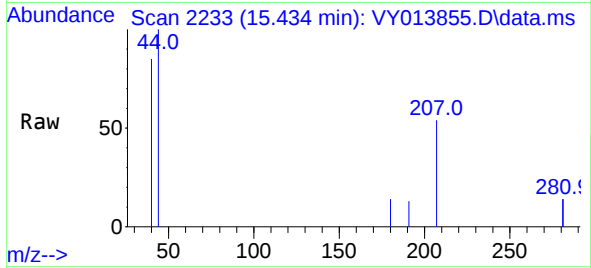
Tgt Ion:128 Resp: 97
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.524 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY013855.D
 Acq: 24 May 2023 18:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10B



Tgt Ion:	180	Resp:	51
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.2#
145	0.0	15.5	46.5#

