

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011394.D
 Acq On : 10 Nov 2022 16:38
 Operator : KP/MD
 Sample : N5531-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08

Quant Time: Nov 10 22:17:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

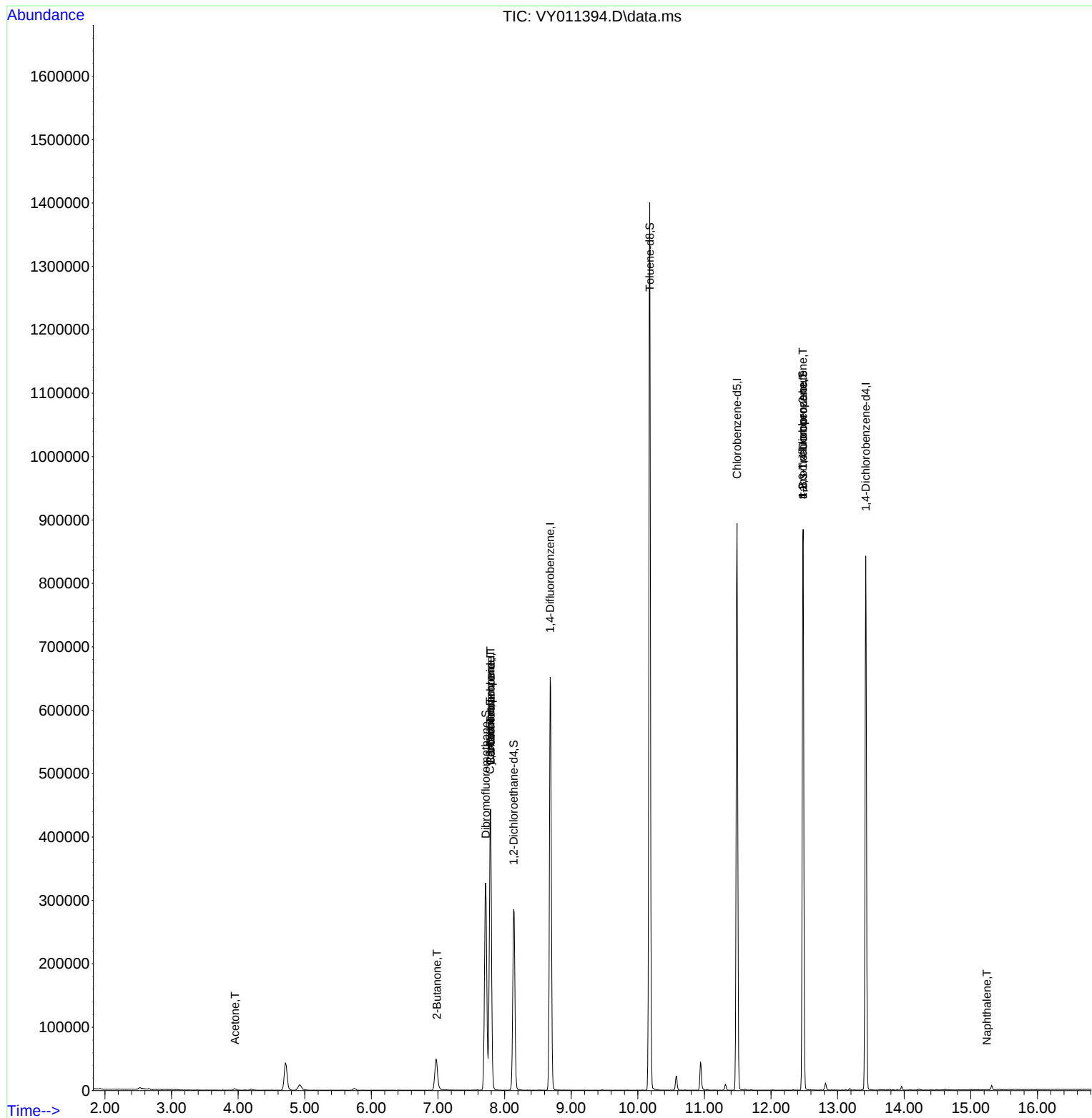
Internal Standards						
1) Pentafluorobenzene	7.789	168	360494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	597231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	515486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	226898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	225279	74.575	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 149.160%		
35) Dibromofluoromethane	7.716	113	240009	71.708	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 143.420%		
50) Toluene-d8	10.179	98	929357	72.682	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 145.360%#		
62) 4-Bromofluorobenzene	12.477	95	285567	64.030	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 128.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	8876	Below Cal	#	78
16) Acetone	3.954	43	4180	5.244	ug/l #	67
18) Methyl Acetate	4.716	43	126	Below Cal	#	56
25) 2-Butanone	6.984	43	2350	2.070	ug/l	95
31) Cyclohexane	7.783	56	5758	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	24251	4.668	ug/l #	51
38) Carbon Tetrachloride	7.789	117	34931	6.182	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	135194	51.475	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	135194	123.730	ug/l #	7
95) Naphthalene	15.239	128	454	3.325	ug/l #	69

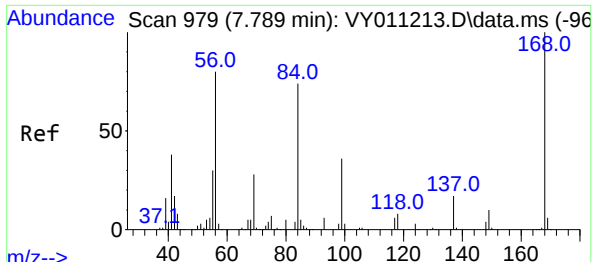
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
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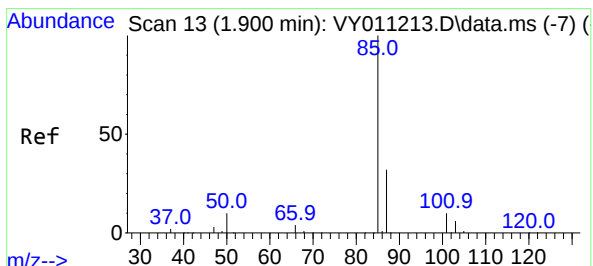
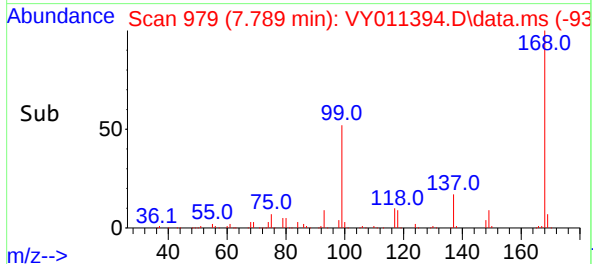
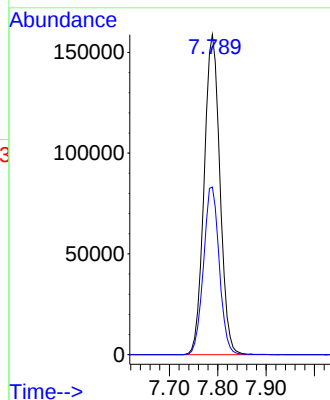
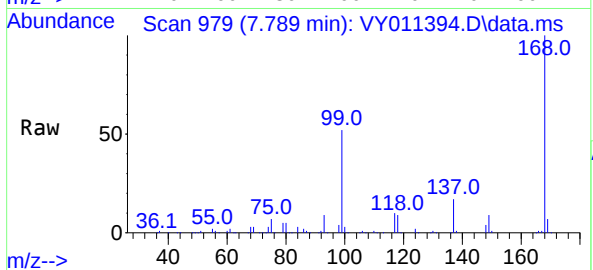




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

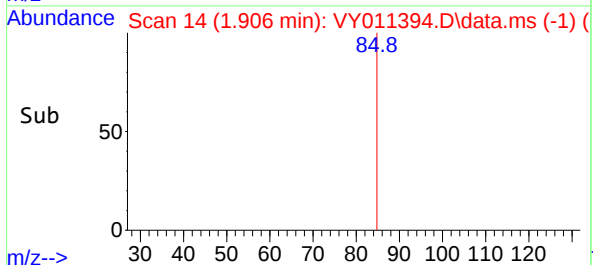
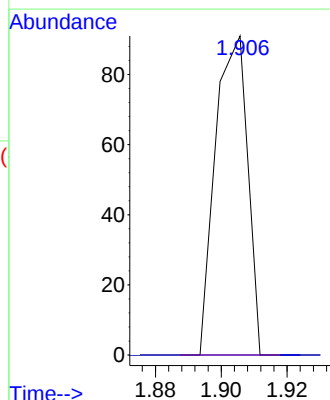
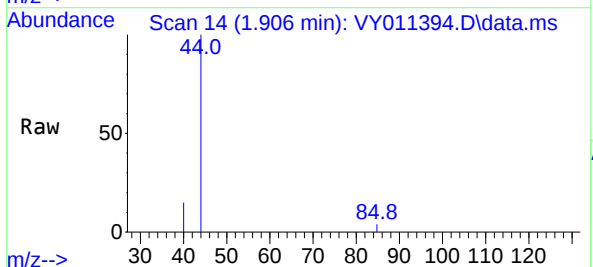
Instrument :
MSVOA_Y
ClientSampleId :
SB-08

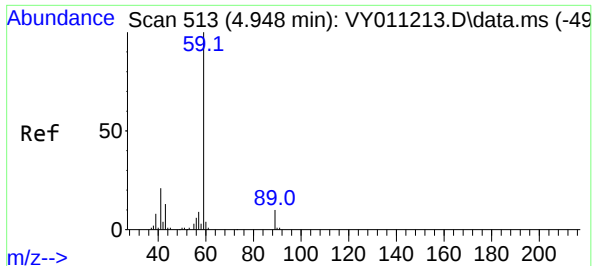
Tgt Ion:168 Resp: 360494
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion: 85 Resp: 62
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY011394.D

Acq: 10 Nov 2022 16:38

Instrument :

MSVOA_Y

ClientSampleId :

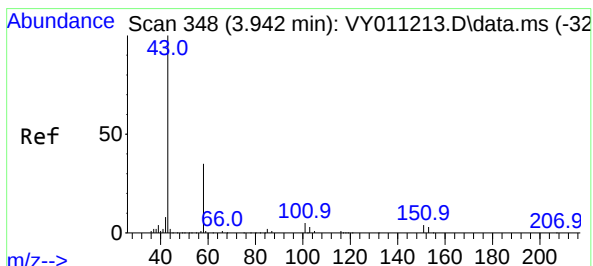
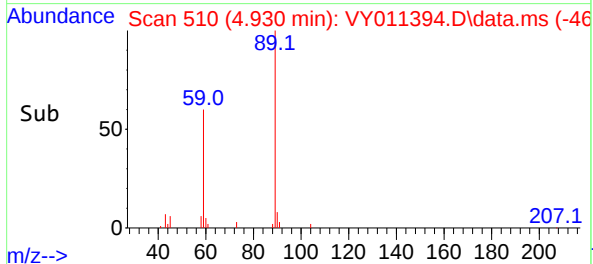
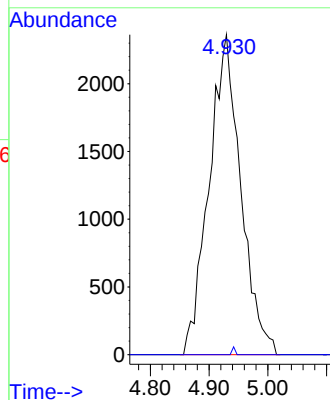
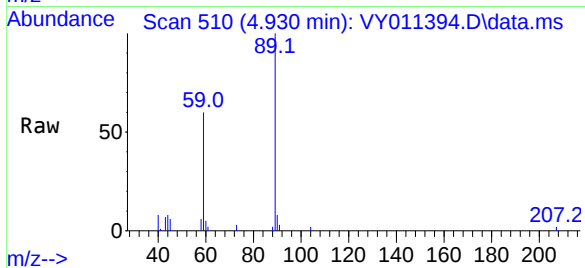
SB-08

Tgt Ion: 59 Resp: 8876

Ion Ratio Lower Upper

59 100

57 0.2 6.4 9.6#



#16

Acetone

Concen: 5.244 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY011394.D

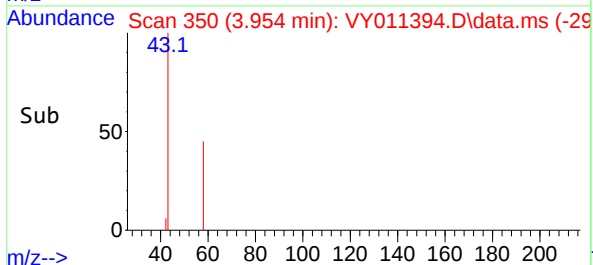
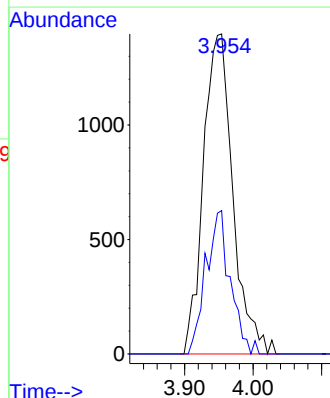
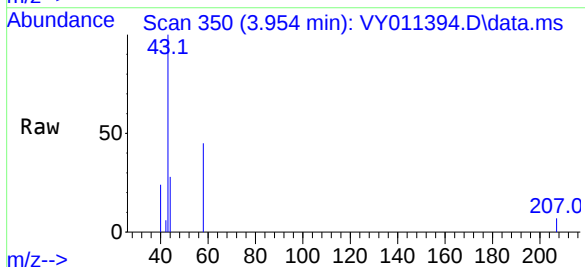
Acq: 10 Nov 2022 16:38

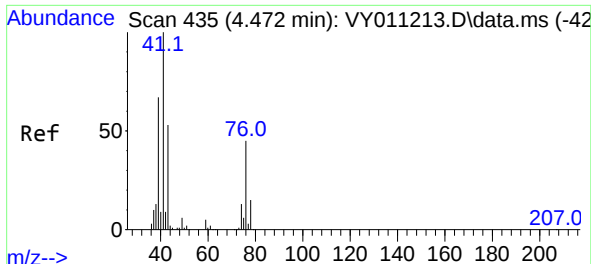
Tgt Ion: 43 Resp: 4180

Ion Ratio Lower Upper

43 100

58 44.8 22.0 33.0#

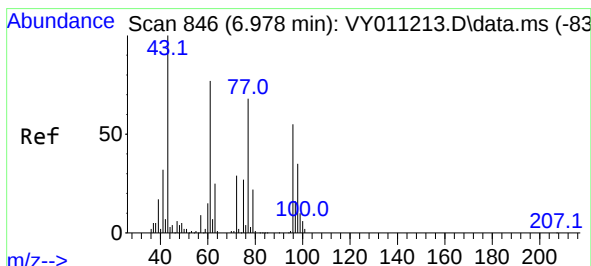
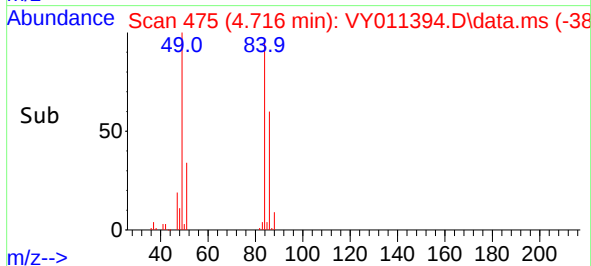
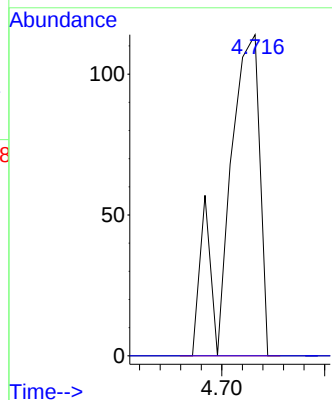
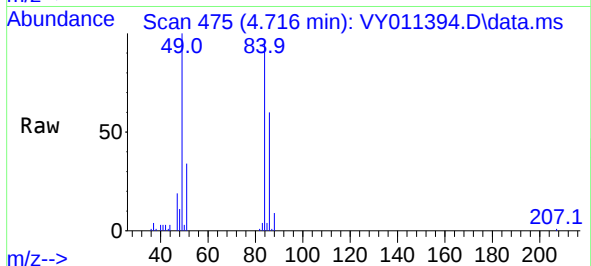




#18
Methyl Acetate
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.243 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

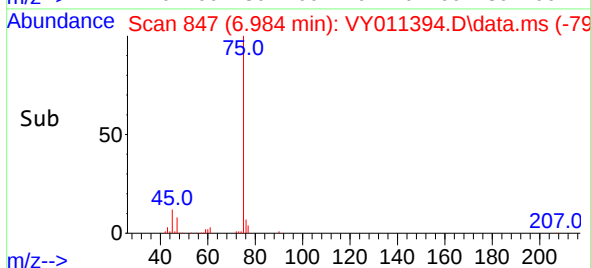
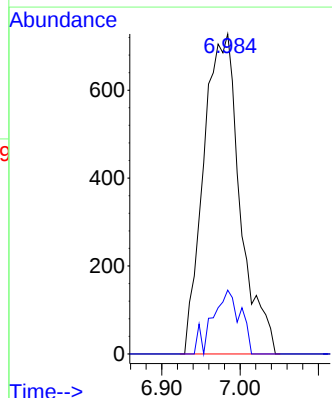
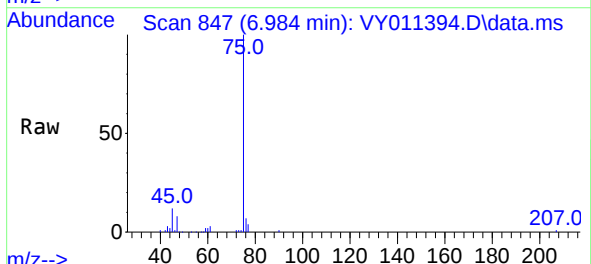
Instrument :
MSVOA_Y
ClientSampleId :
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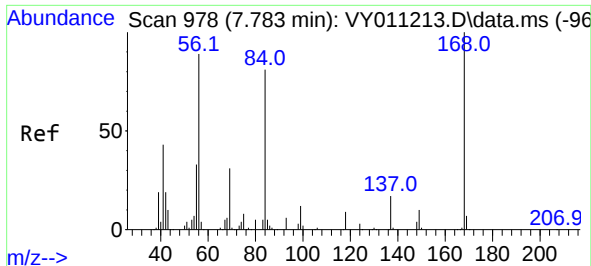
Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 2.070 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
72 19.9 17.7 26.5

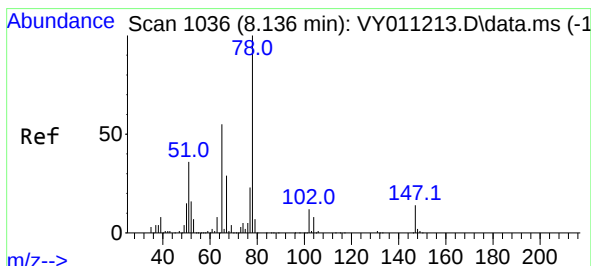
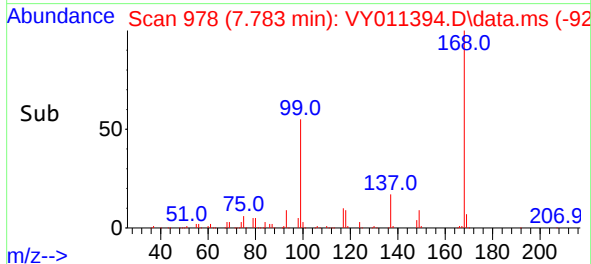
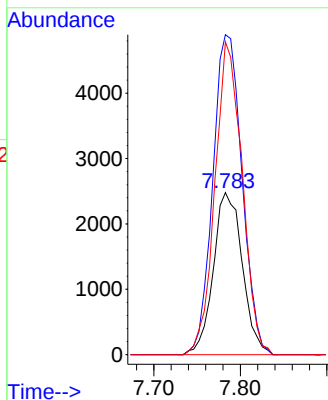
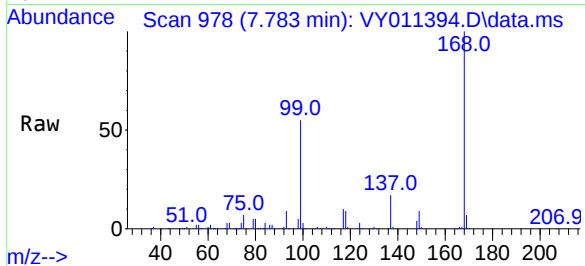




#31
Cyclohexane
Concen: 1.061 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

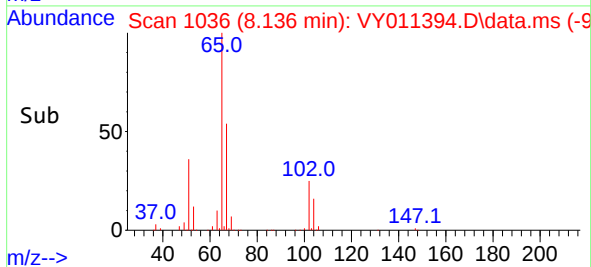
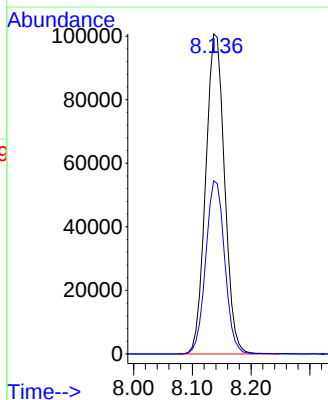
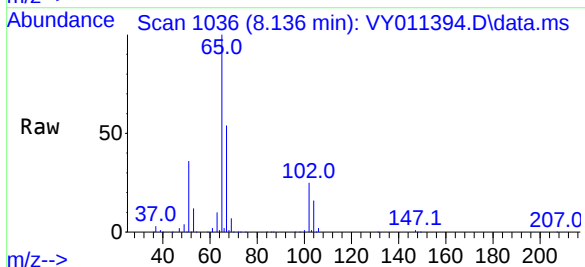
Instrument :
MSVOA_Y
ClientSampleId :
SB-08

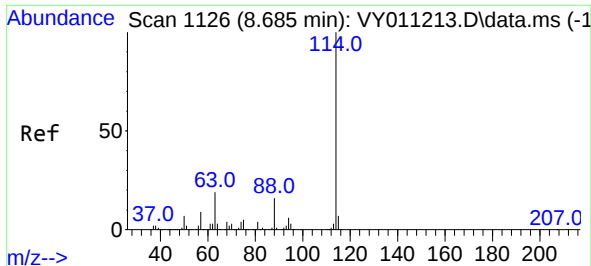
Tgt Ion: 56 Resp: 5758
Ion Ratio Lower Upper
56 100
69 197.4 26.7 40.1#
84 192.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 74.575 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion: 65 Resp: 225279
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

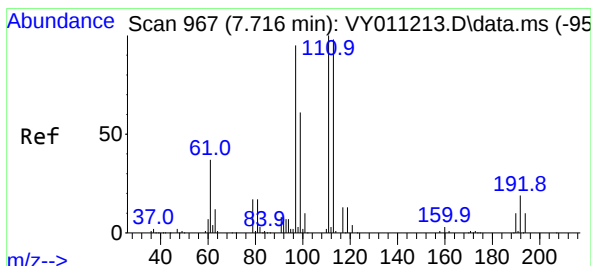
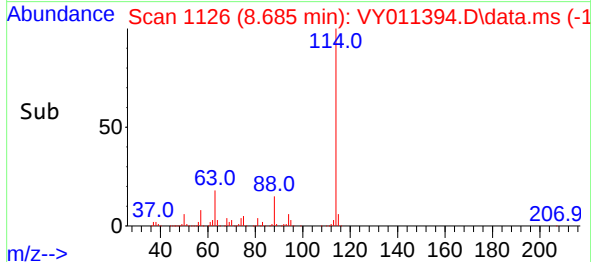
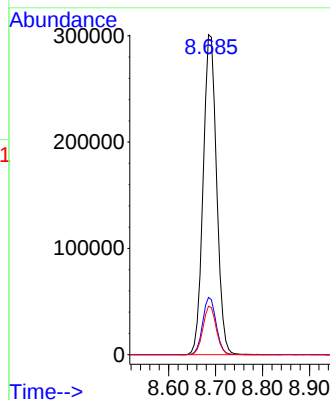
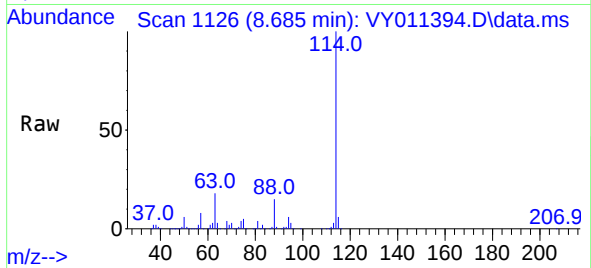




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

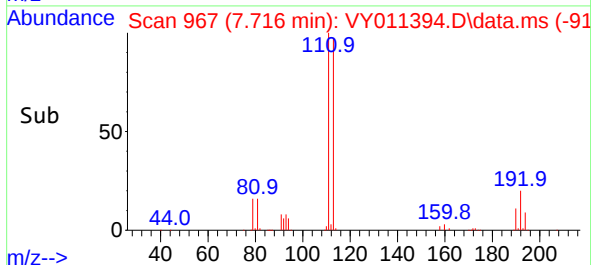
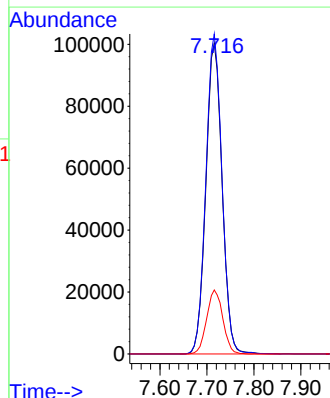
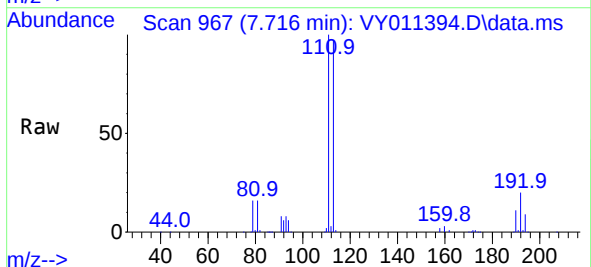
Instrument :
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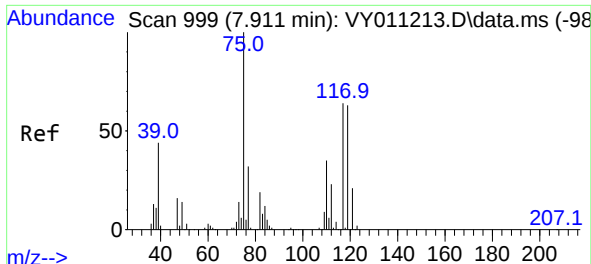
Tgt Ion:114 Resp: 597231
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 71.708 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion:113 Resp: 240009
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.4 17.6 26.4

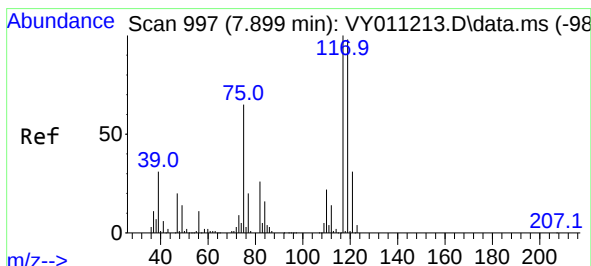
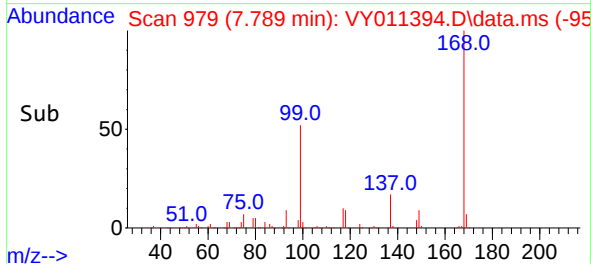
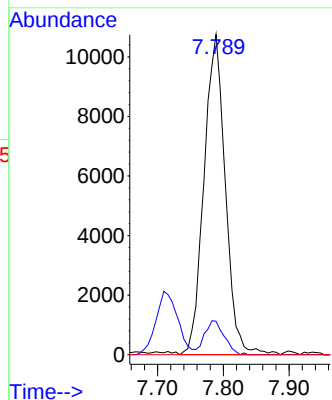
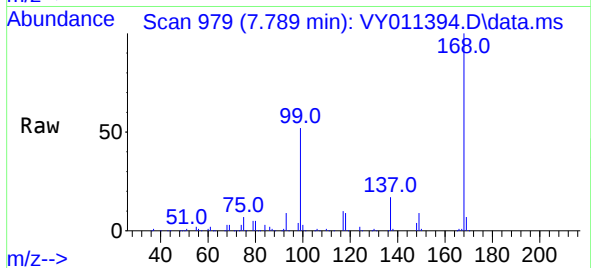




#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

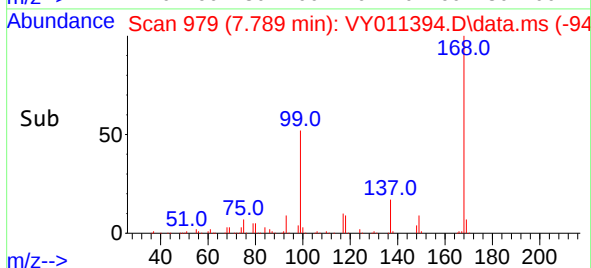
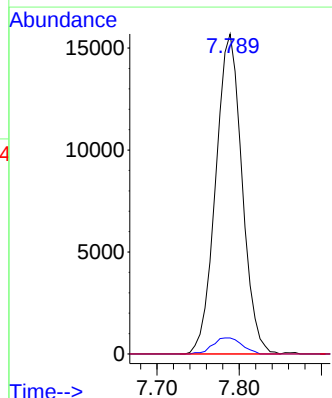
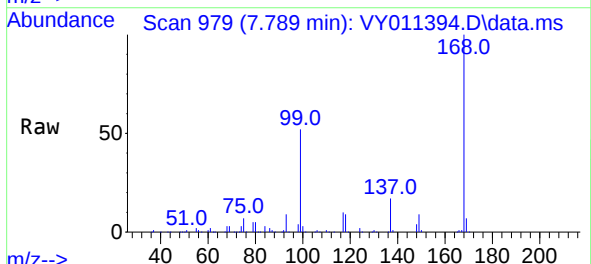
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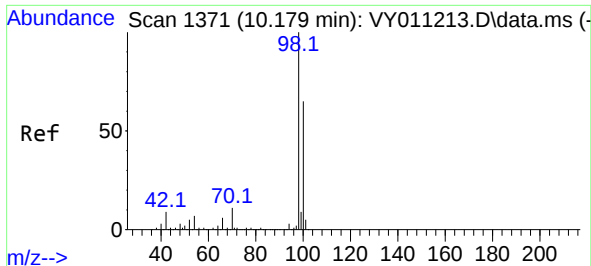
Tgt Ion: 75 Resp: 24251
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.182 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion: 117 Resp: 34931
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

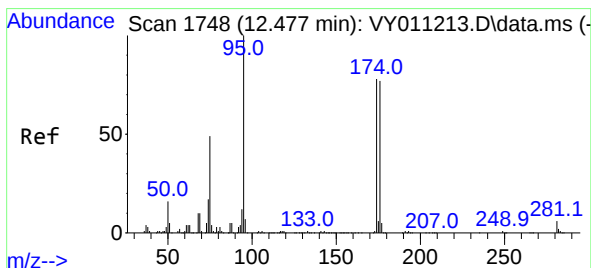
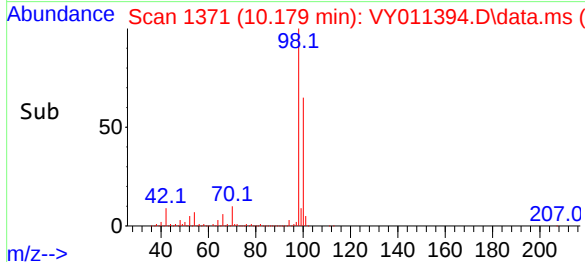
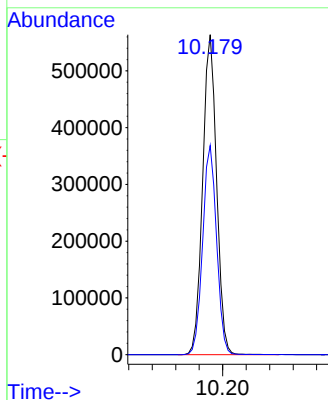
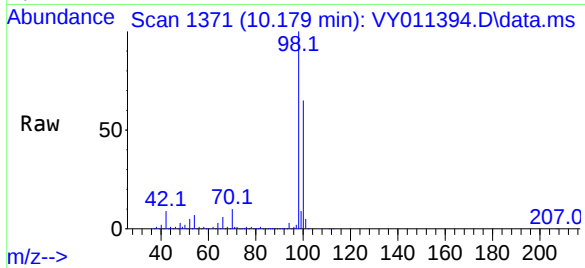




#50
Toluene-d8
Concen: 72.682 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

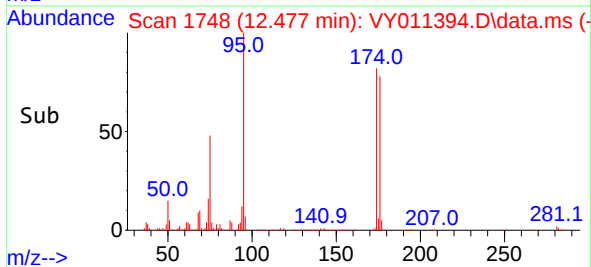
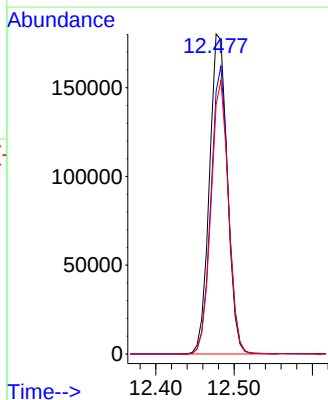
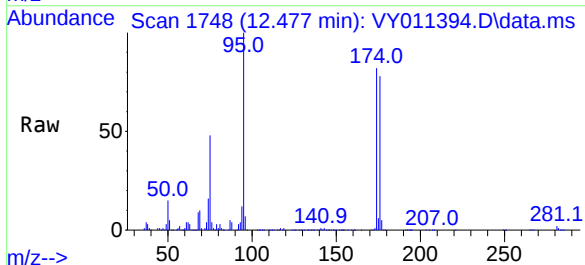
Instrument :
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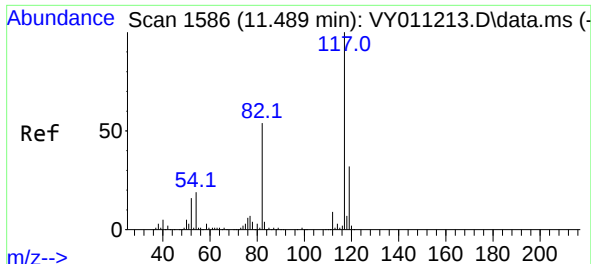
Tgt Ion: 98 Resp: 929357
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 64.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion: 95 Resp: 285567
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 83.4 0.0 175.8

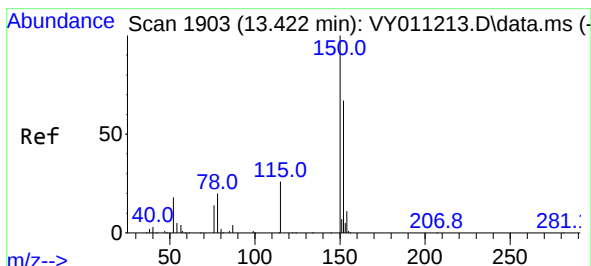
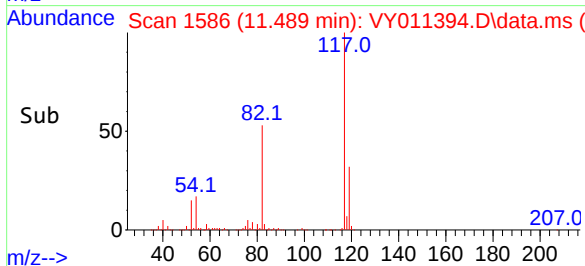
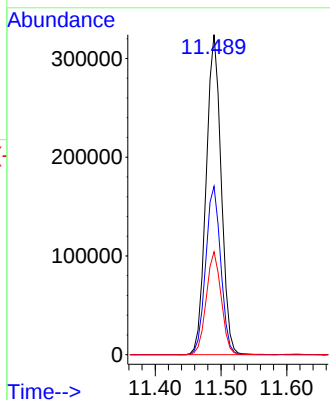
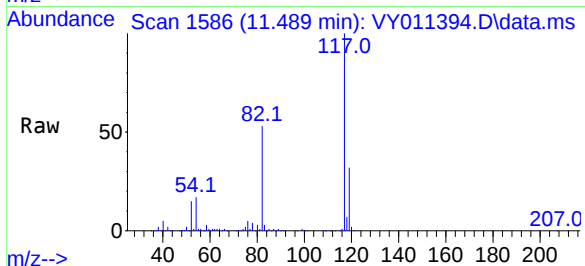




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

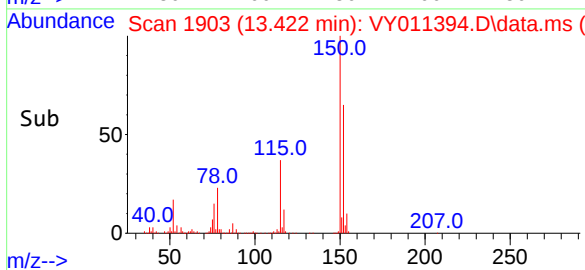
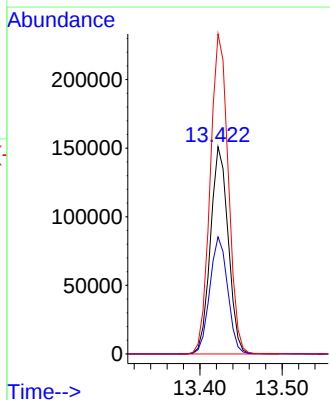
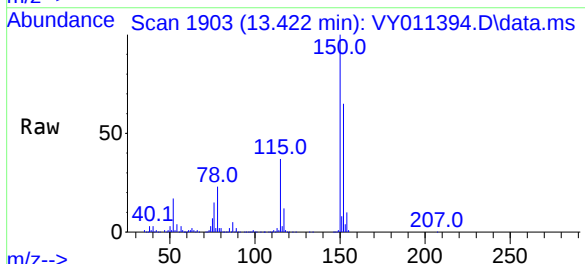
Instrument :
MSVOA_Y
ClientSampleId :
SB-08

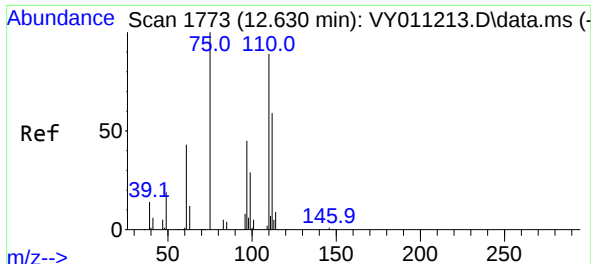
Tgt Ion:117 Resp: 515486
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion:152 Resp: 226898
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 157.1 0.0 347.6

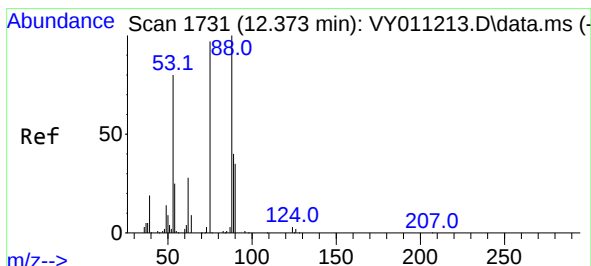
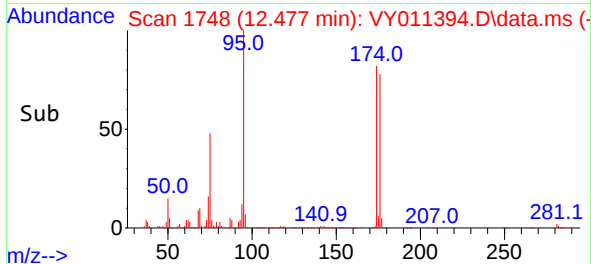
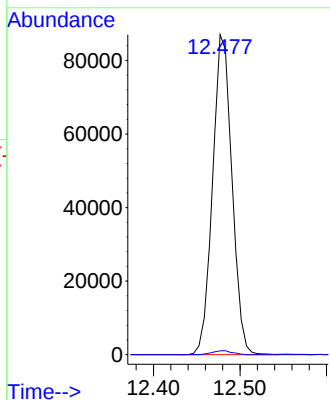
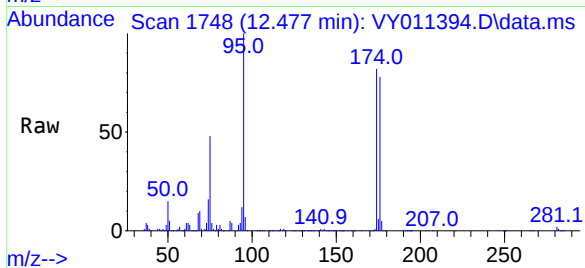




#76
1,2,3-Trichloropropane
Concen: 51.475 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

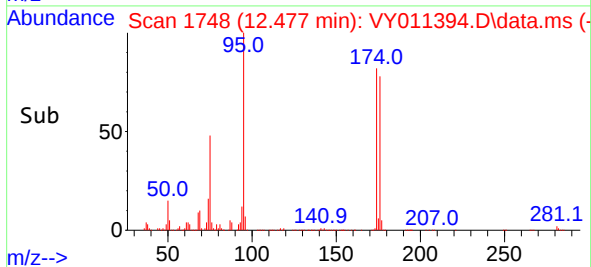
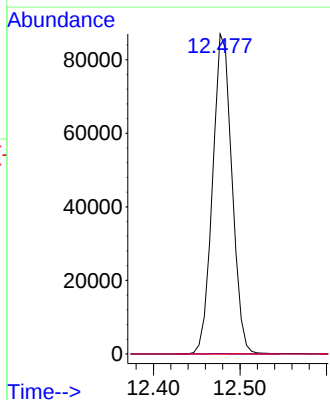
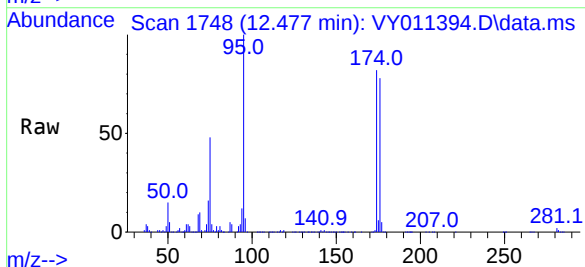
Instrument :
MSVOA_Y
ClientSampleId :
SB-08

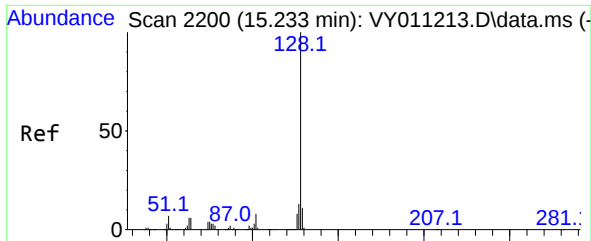
Tgt Ion: 75 Resp: 135194
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.730 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Tgt Ion: 75 Resp: 135194
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.325 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011394.D
Acq: 10 Nov 2022 16:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-08

Tgt Ion:128 Resp: 454
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

