

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011430.D
 Acq On : 11 Nov 2022 19:34
 Operator : KP/MD
 Sample : N5583-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-111022

Quant Time: Nov 14 05:54:47 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)

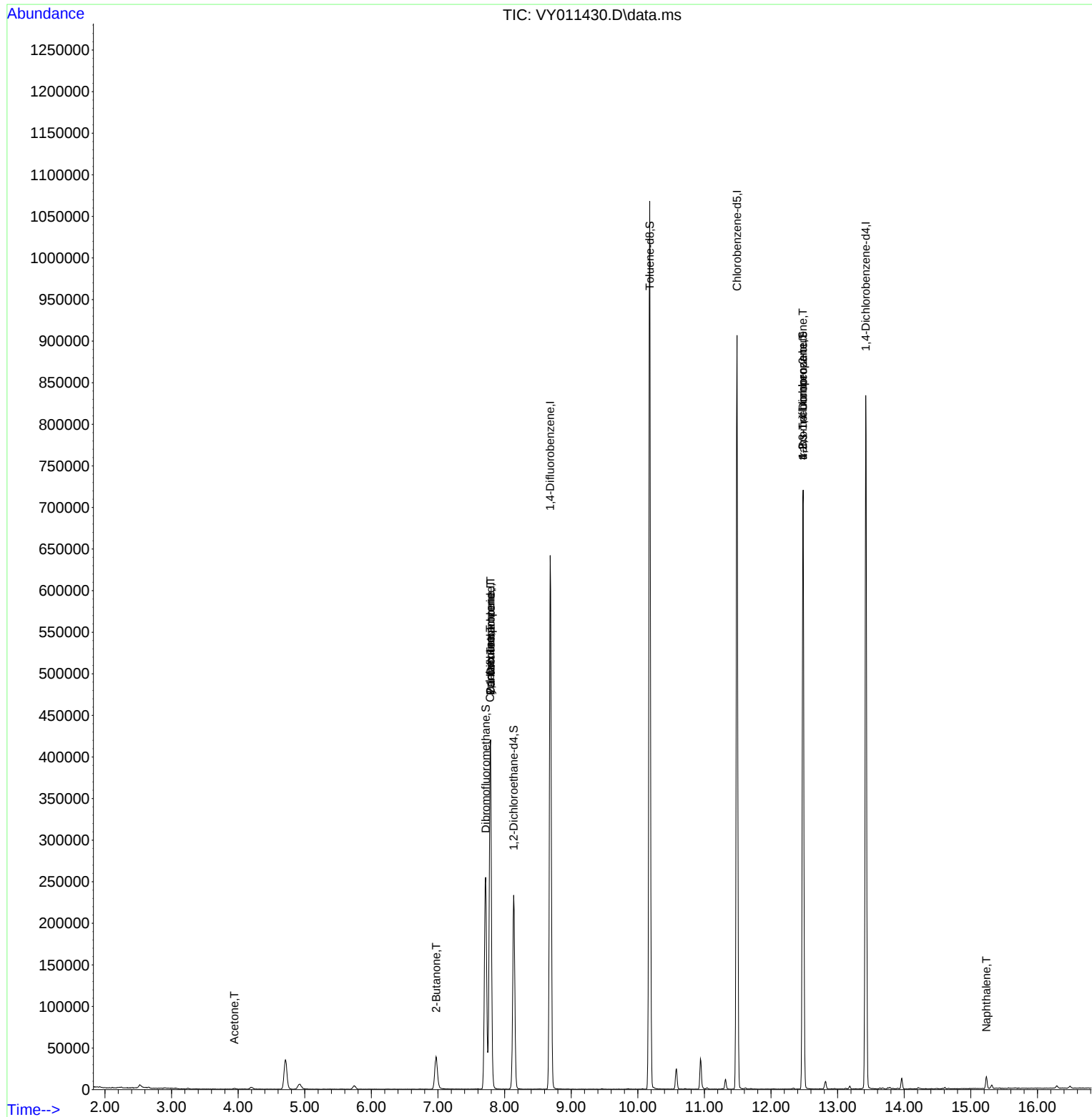
Internal Standards						
1) Pentafluorobenzene	7.789	168	343252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	576969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	509707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	229311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	174227	60.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.140%	
35) Dibromofluoromethane	7.716	113	187635	58.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.060%	
50) Toluene-d8	10.179	98	700132	56.678	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.360%	
62) 4-Bromofluorobenzene	12.477	95	221941	51.512	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.020%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.893	85	67	Below Cal	#	43
11) Tert butyl alcohol	4.930	59	6362	Below Cal	#	78
16) Acetone	3.942	43	1649	2.173	ug/l #	87
18) Methyl Acetate	4.686	43	23	Below Cal	#	56
20) Methylene Chloride	4.710	84	29866	Below Cal	#	78
25) 2-Butanone	6.972	43	1819	1.682	ug/l	93
31) Cyclohexane	7.783	56	5495	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	23815	4.745	ug/l #	51
38) Carbon Tetrachloride	7.789	117	32363	5.928	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	105853	39.879	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	105853	95.858	ug/l #	7
95) Naphthalene	15.233	128	12619	4.635	ug/l	97

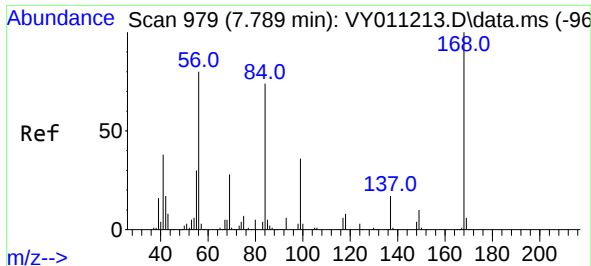
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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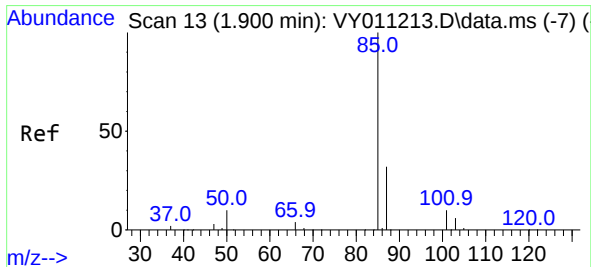
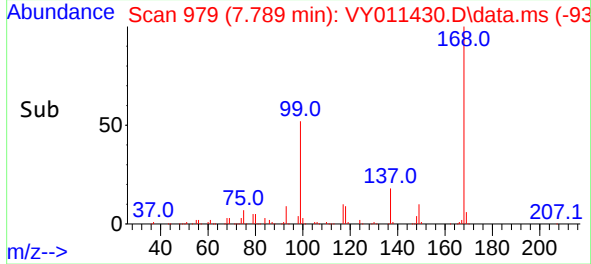
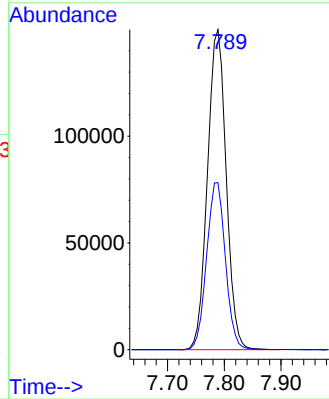
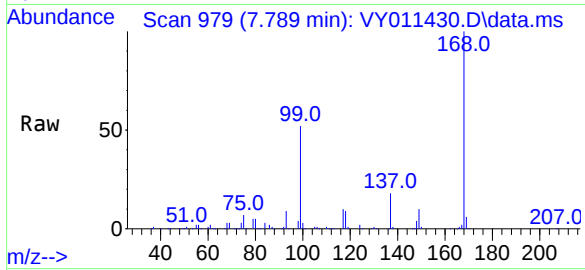




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

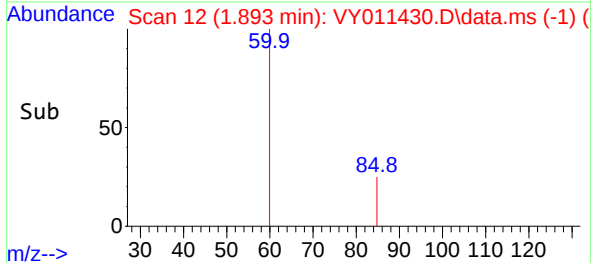
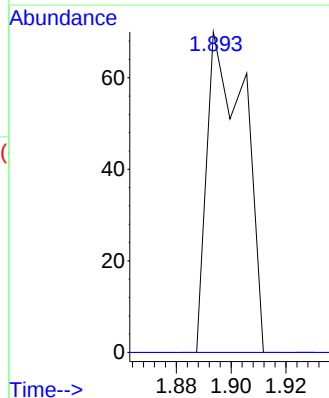
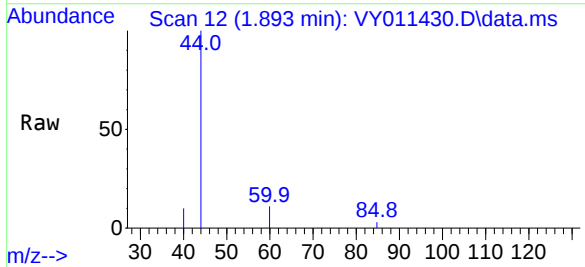
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-111022

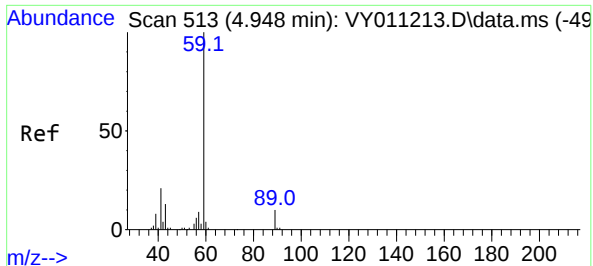
Tgt Ion:168 Resp: 343252
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.893 min Scan# 12
Delta R.T. -0.007 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion: 85 Resp: 67
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

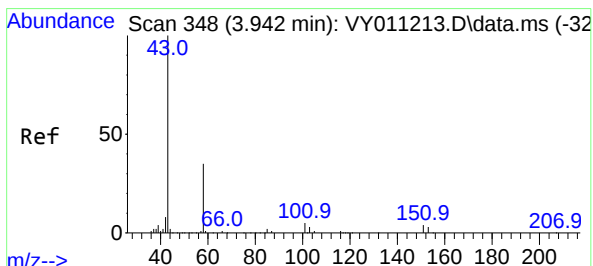
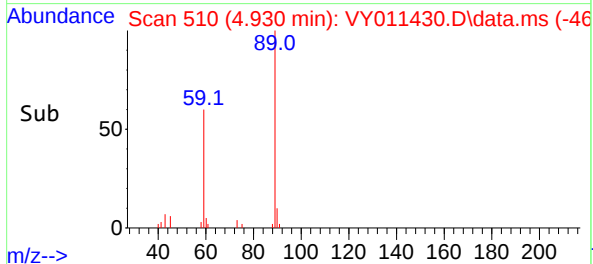
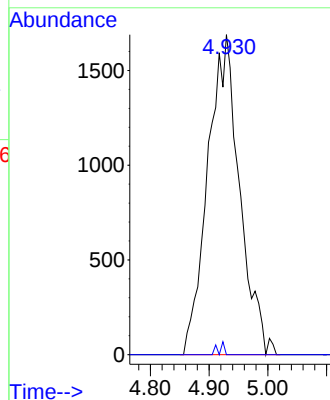
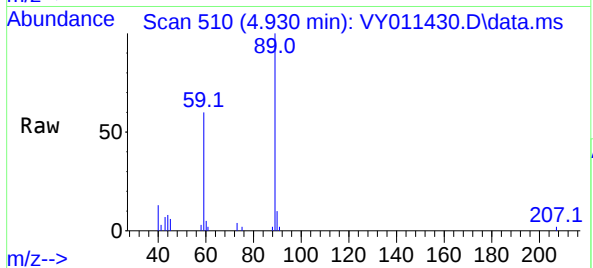




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

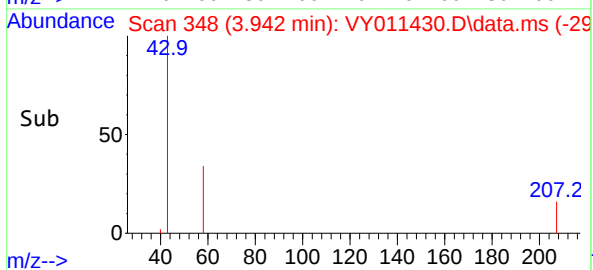
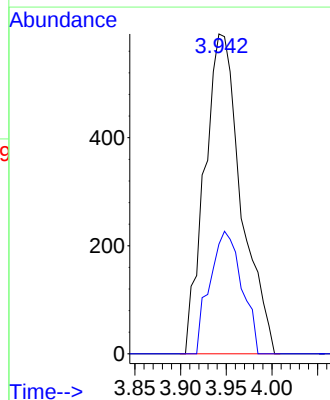
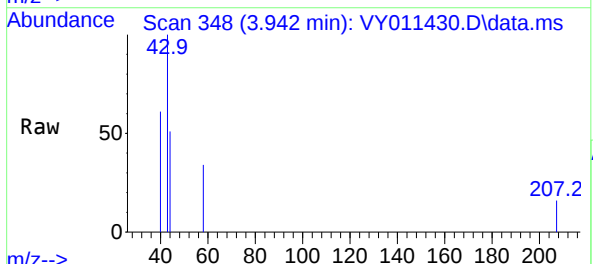
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-111022

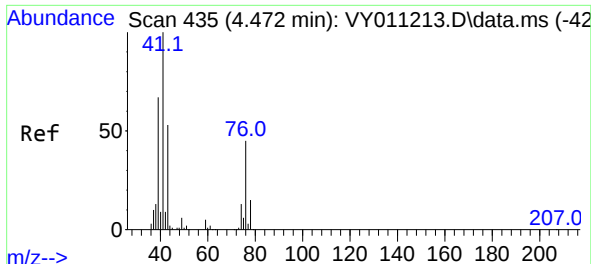
Tgt Ion: 59 Resp: 6362
Ion Ratio Lower Upper
59 100
57 0.3 6.4 9.6#



#16
Acetone
Concen: 2.173 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#

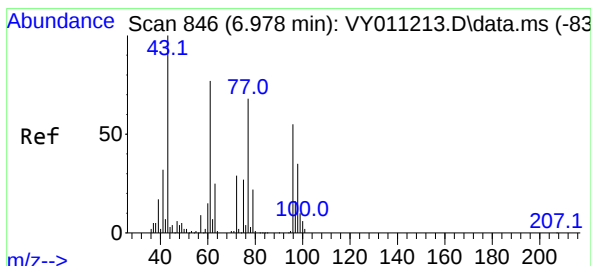
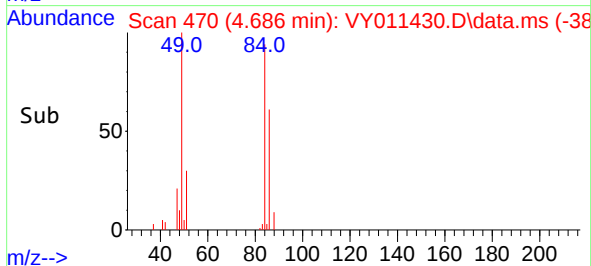
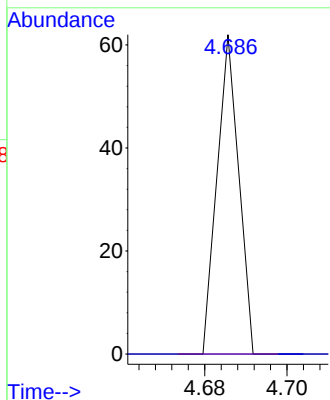
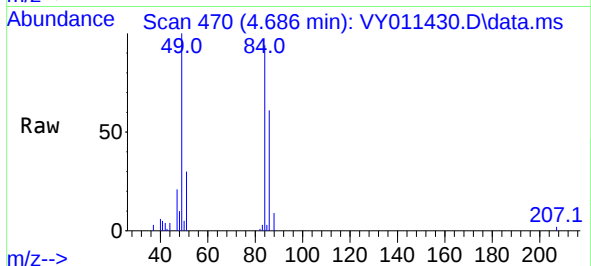




#18
Methyl Acetate
Concen: Below Cal
RT: 4.686 min Scan# 41
Delta R.T. 0.213 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

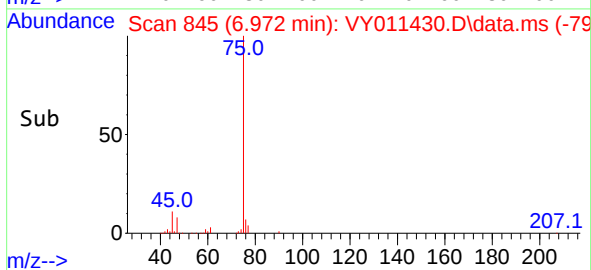
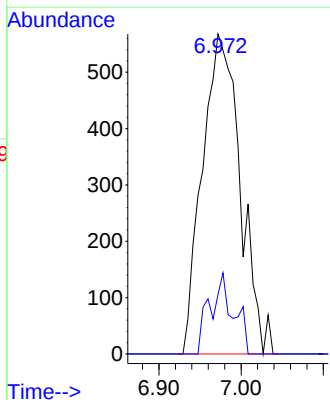
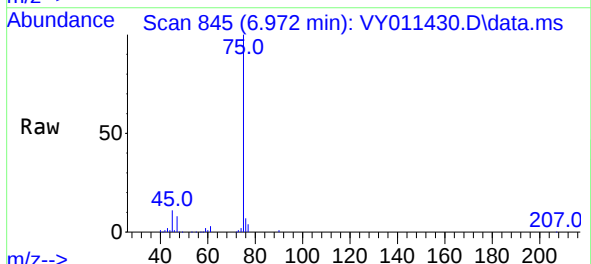
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-111022

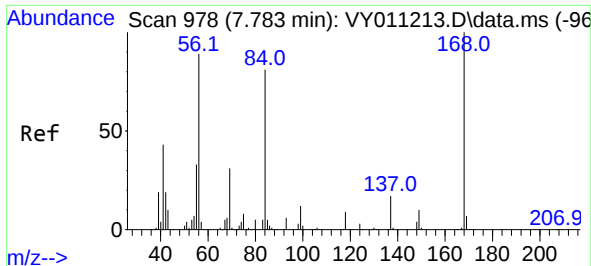
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.682 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
72 18.7 17.7 26.5

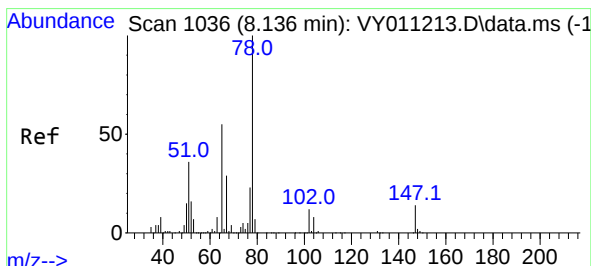
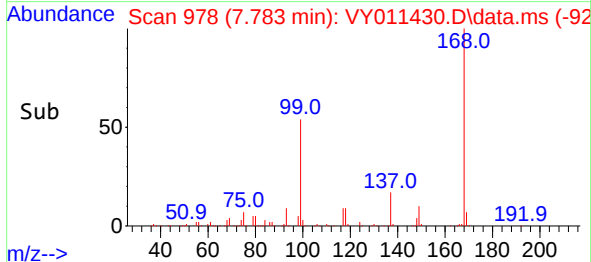
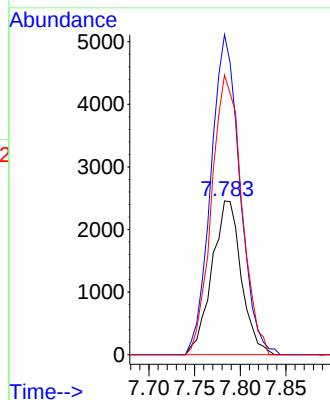
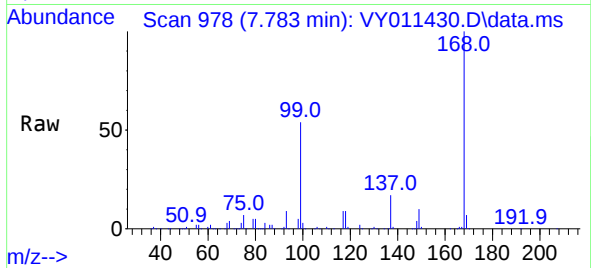




#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

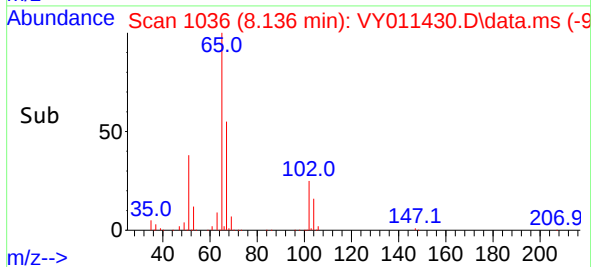
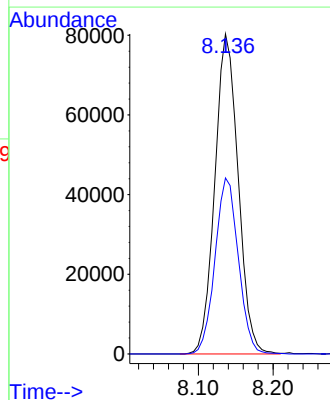
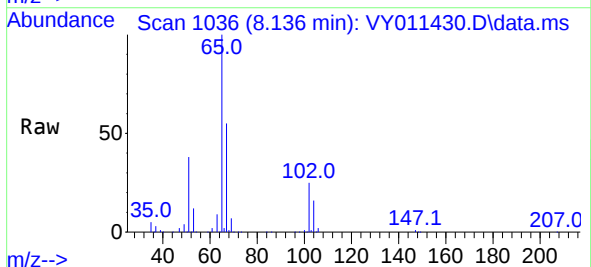
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-111022

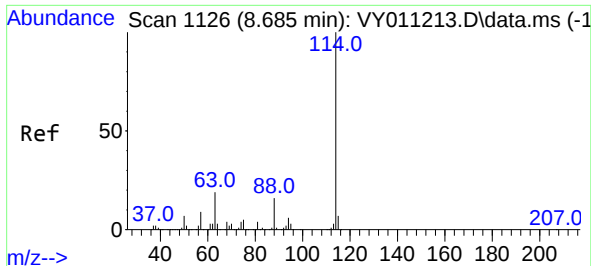
Tgt Ion: 56 Resp: 5495
Ion Ratio Lower Upper
56 100
69 208.2 26.7 40.1#
84 181.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.572 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion: 65 Resp: 174227
Ion Ratio Lower Upper
65 100
67 55.0 0.0 99.4



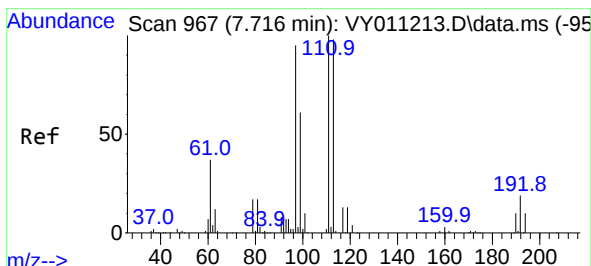
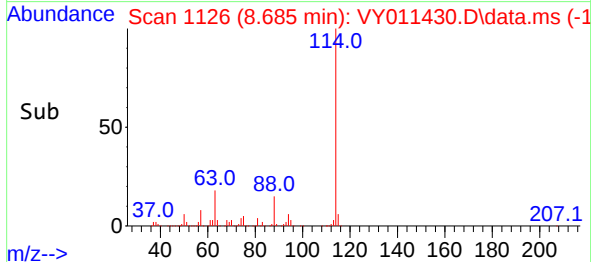
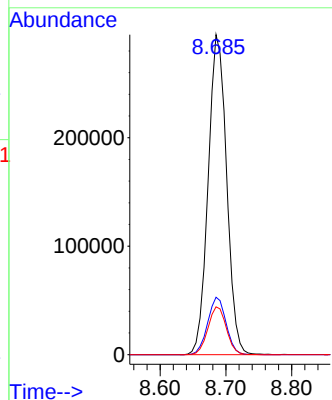
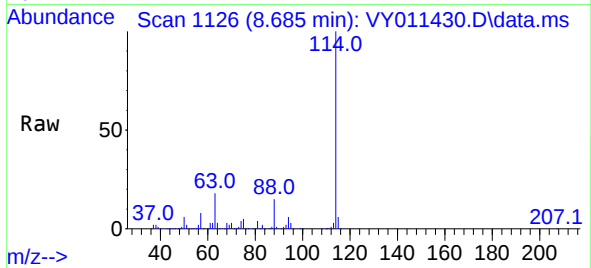


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-111022

Tgt Ion:114 Resp: 576969

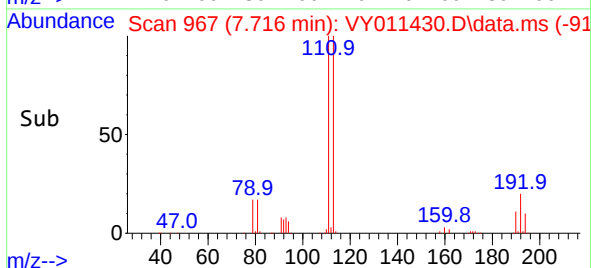
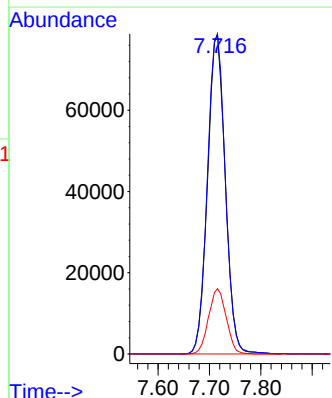
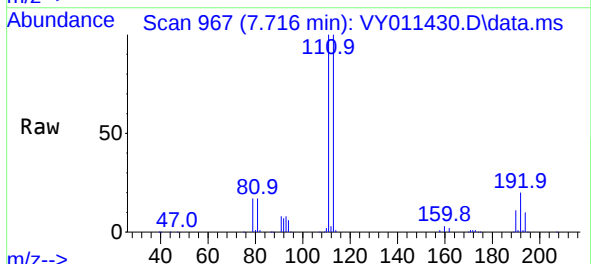
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	43.2
88	15.0	0.0	31.8

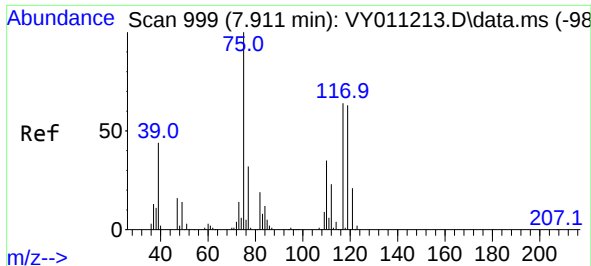


#35
Dibromofluoromethane
Concen: 58.029 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion:113 Resp: 187635

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	20.4	17.6	26.4

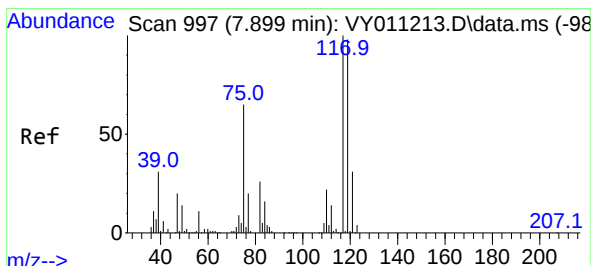
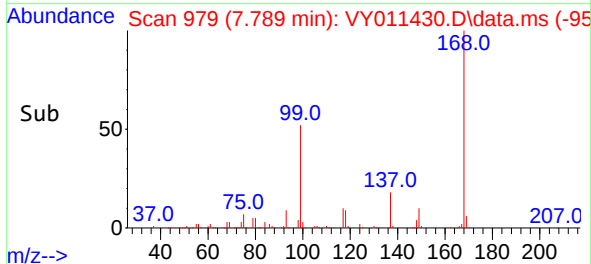
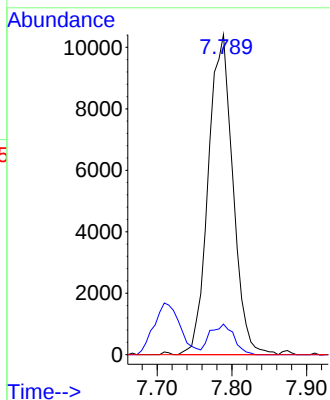
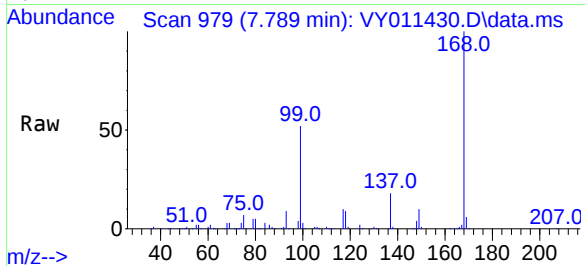




#36
1,1-Dichloropropene
Concen: 4.745 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

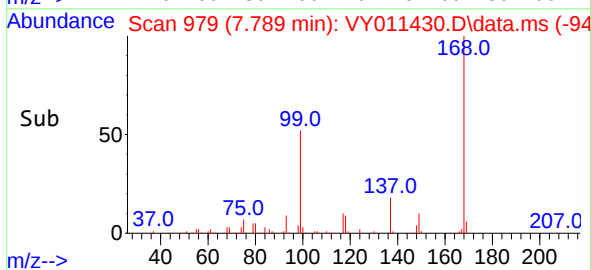
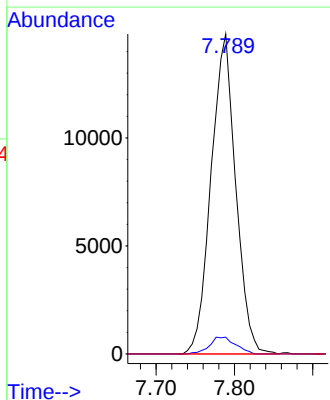
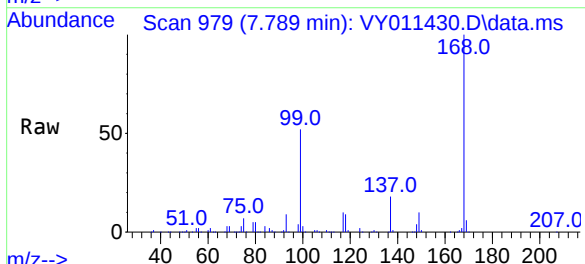
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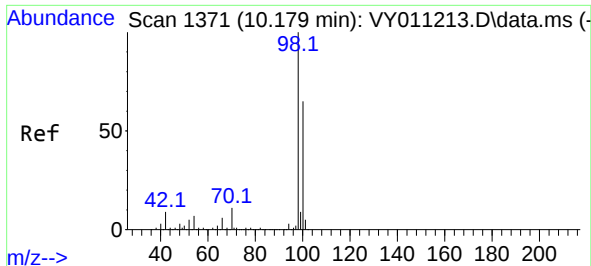
Tgt Ion: 75 Resp: 23815
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.928 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion: 117 Resp: 32363
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

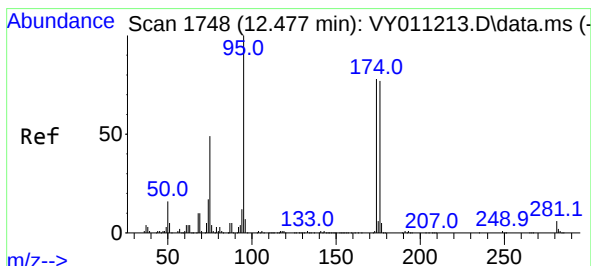
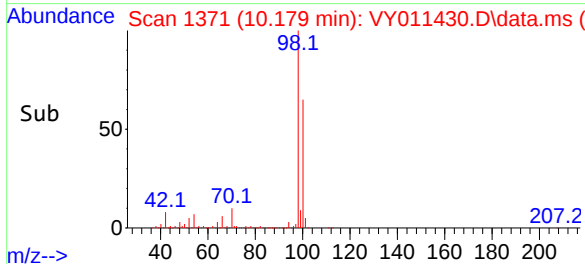
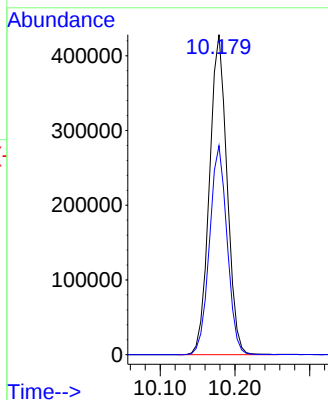
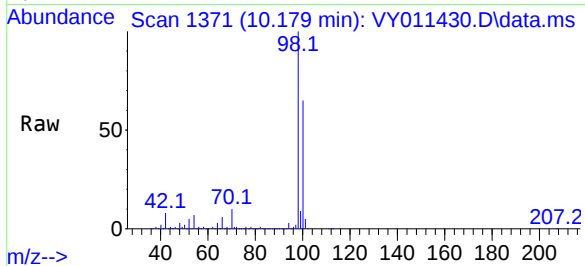




#50
Toluene-d8
Concen: 56.678 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

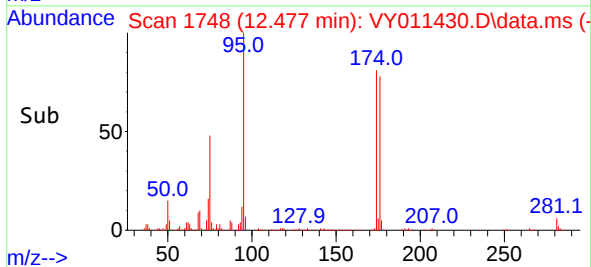
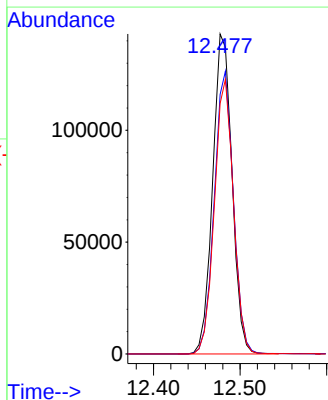
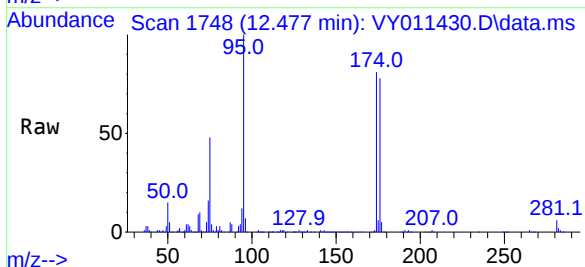
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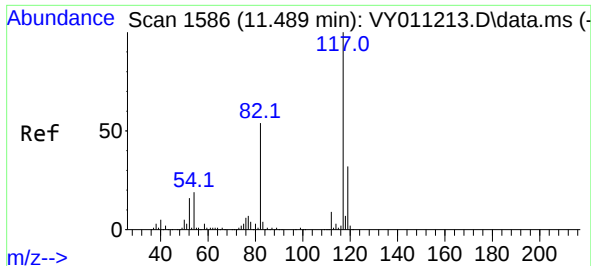
Tgt Ion: 98 Resp: 700132
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.512 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion: 95 Resp: 221941
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 84.6 0.0 175.8

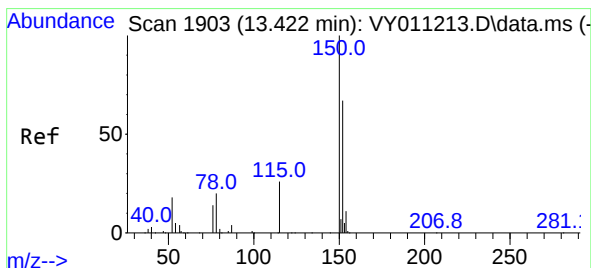
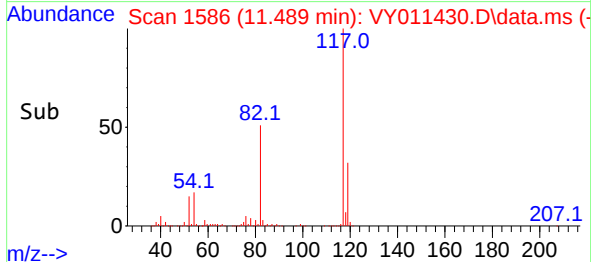
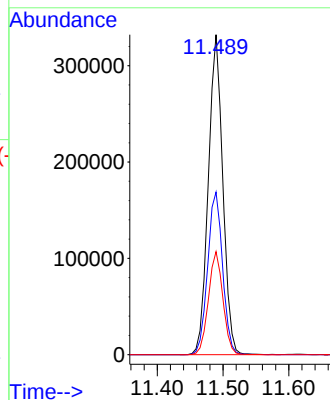
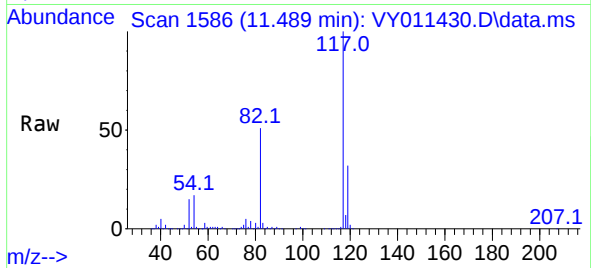




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

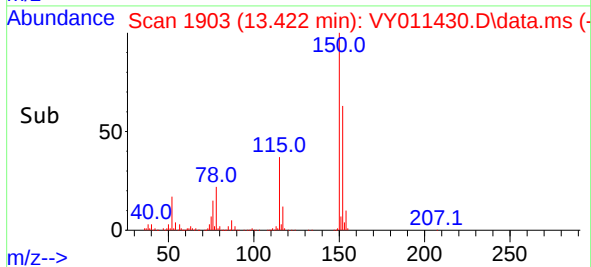
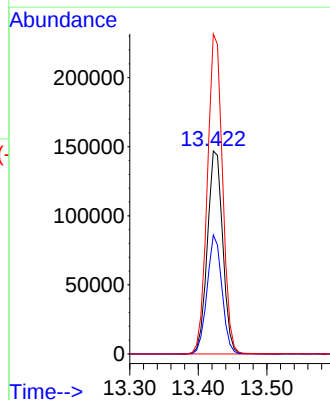
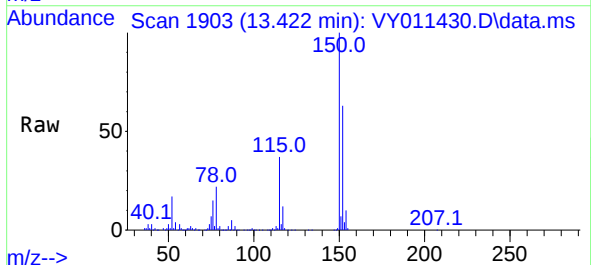
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-111022

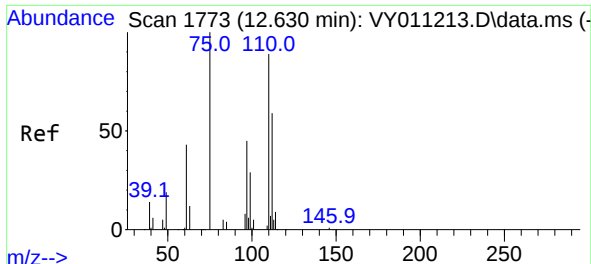
Tgt Ion:117 Resp: 509707
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion:152 Resp: 229311
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 155.7 0.0 347.6

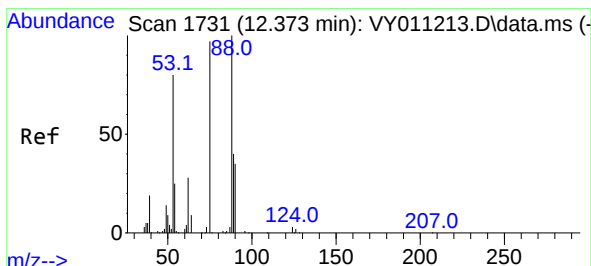
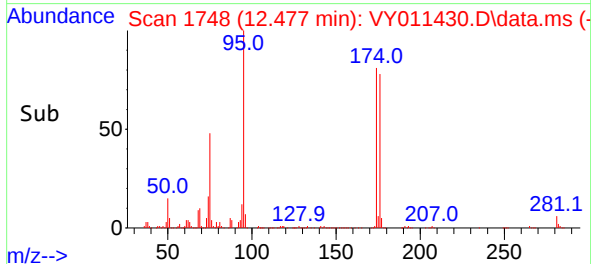
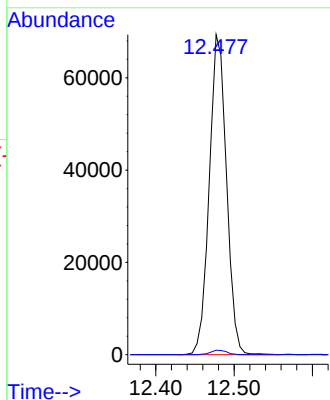
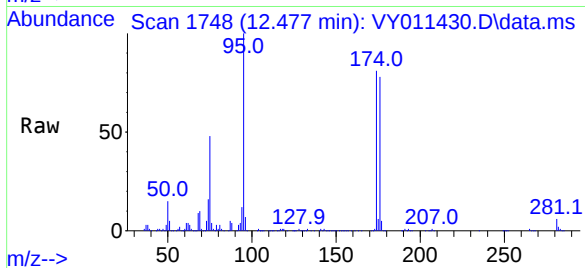




#76
1,2,3-Trichloropropane
Concen: 39.879 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

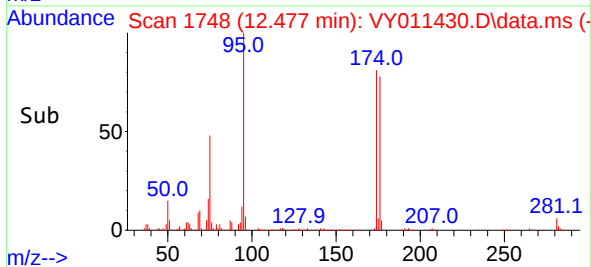
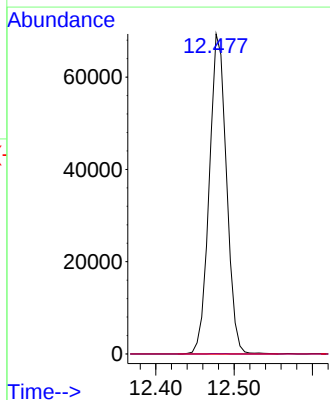
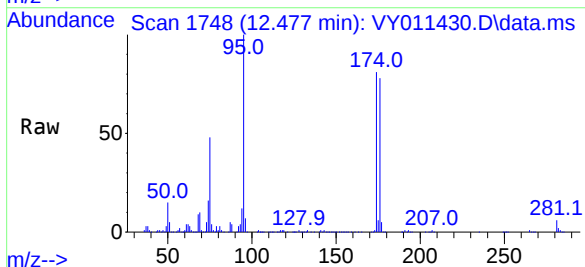
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-111022

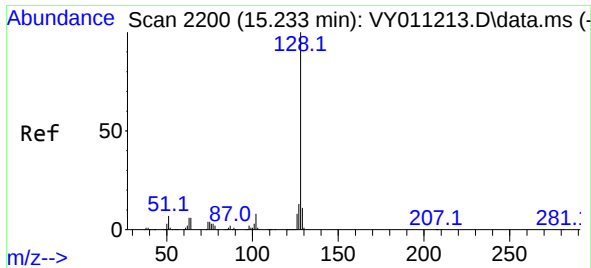
Tgt Ion: 75 Resp: 105853
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.858 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Tgt Ion: 75 Resp: 105853
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.635 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011430.D
Acq: 11 Nov 2022 19:34

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-111022

Tgt Ion:	128	Resp:	12619
Ion	Ratio	Lower	Upper
128	100		
127	12.6	11.0	16.4
129	11.7	8.4	12.6

