

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012228.D
 Acq On : 17 Jan 2023 17:13
 Operator : KP/MD
 Sample : 01180-01
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-7

Quant Time: Jan 18 00:33:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

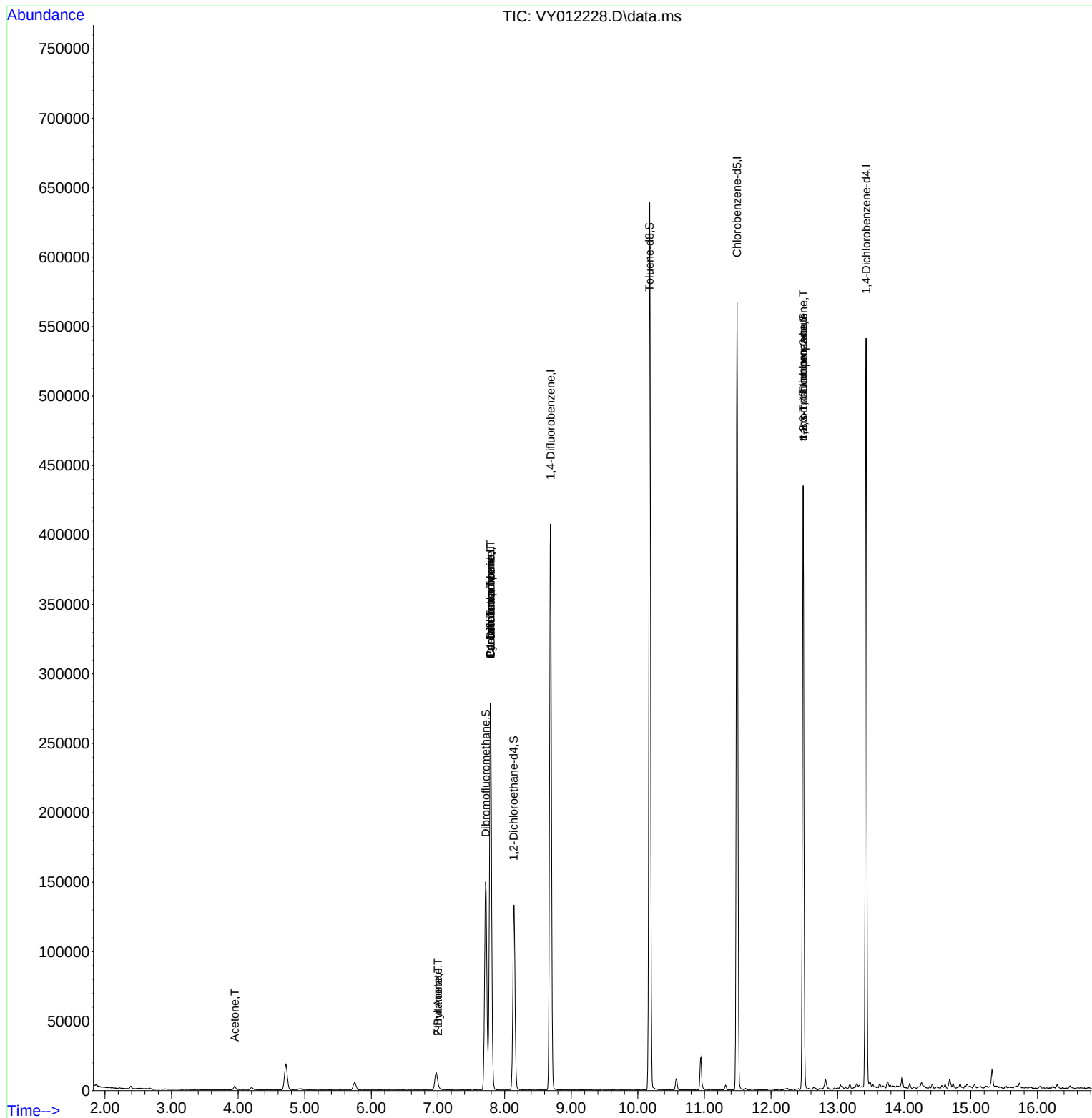
Internal Standards						
1) Pentafluorobenzene	7.789	168	222990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	364178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	319865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108083	59.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.400%	
35) Dibromofluoromethane	7.716	113	106175	55.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.120%	
50) Toluene-d8	10.179	98	423649	64.680	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.360%	
62) 4-Bromofluorobenzene	12.483	95	130882	48.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1502	Below Cal	#	74
13) Acrolein	3.747	56	19	Below Cal	#	14
16) Acetone	3.948	43	4023	6.479	ug/l #	86
20) Methylene Chloride	4.716	84	15476	Below Cal	#	86
25) 2-Butanone	6.996	43	1564	2.282	ug/l	99
31) Cyclohexane	7.789	56	4008	1.233	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15369	4.690	ug/l #	51
37) Ethyl Acetate	6.996	43	1564	1.083	ug/l #	68
38) Carbon Tetrachloride	7.789	117	21149	4.997	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	65564	50.073	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65564	103.172	ug/l #	13

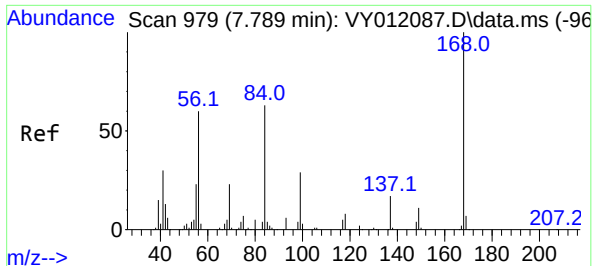
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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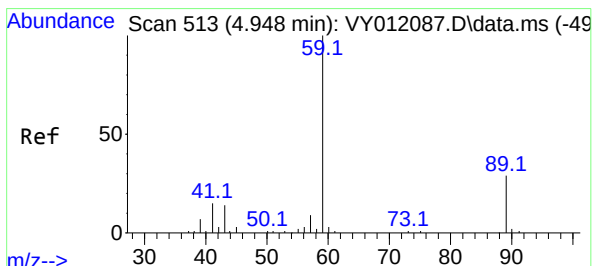
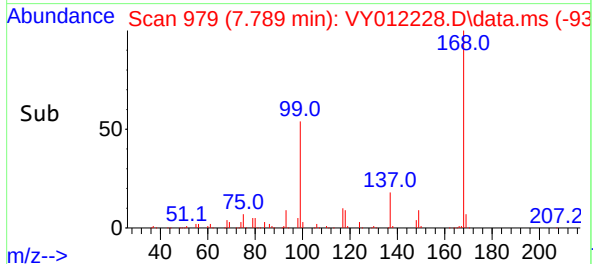
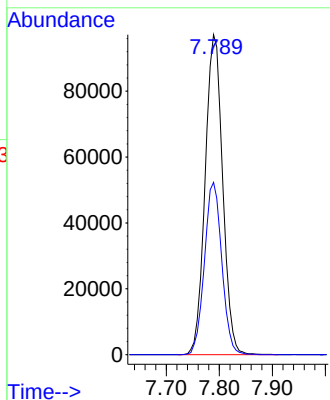
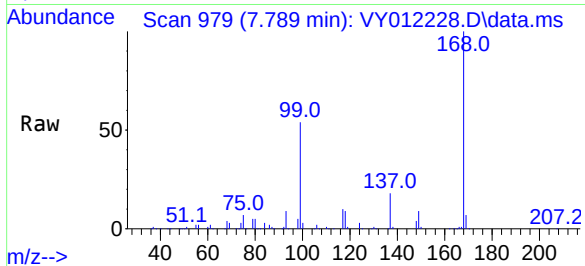




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

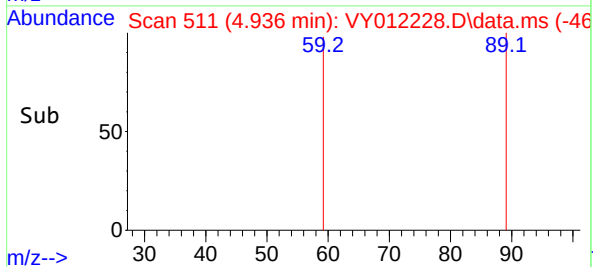
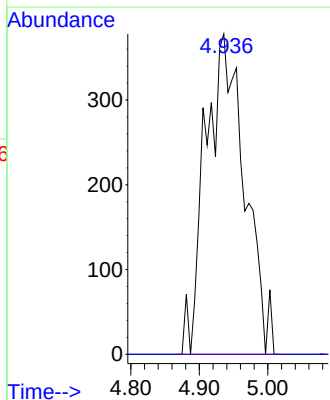
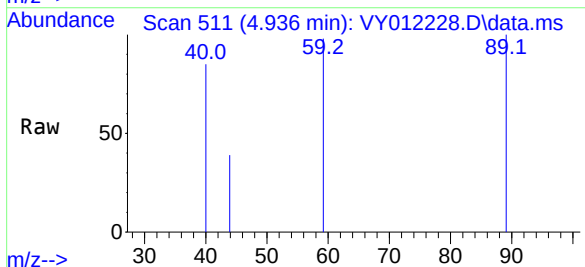
Instrument :
MSVOA_Y
ClientSampleId :
MH-7

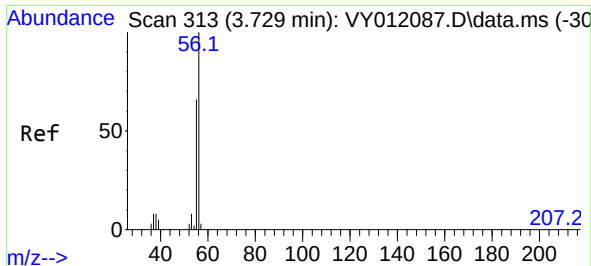
Tgt Ion:168 Resp: 222990
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

Tgt Ion: 59 Resp: 1502
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

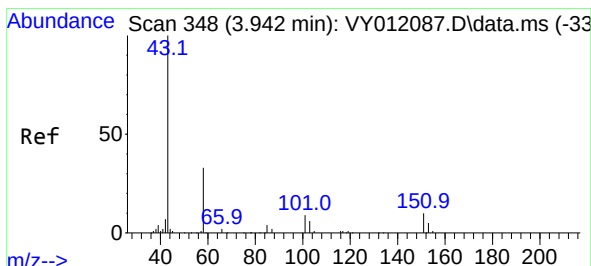
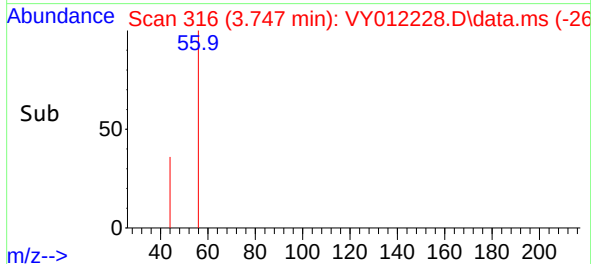
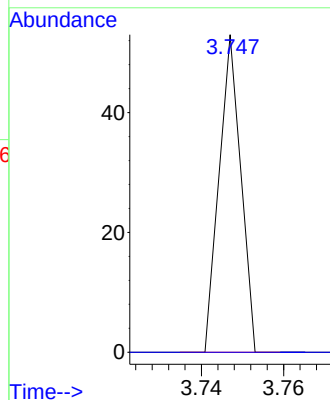
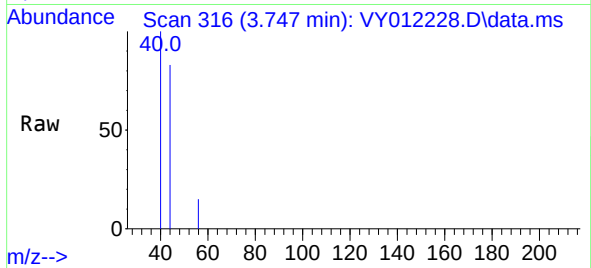




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 313
Delta R.T. 0.018 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

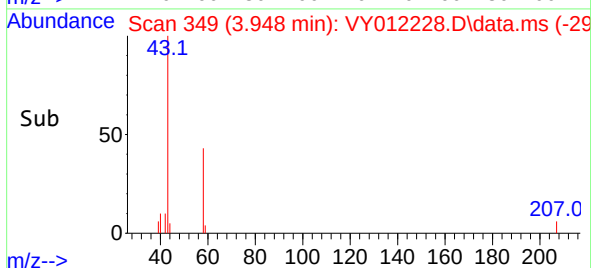
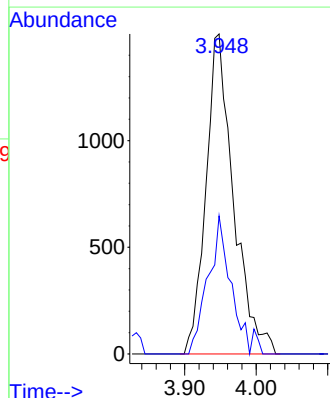
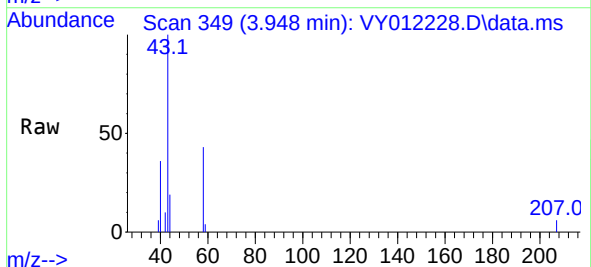
Instrument :
MSVOA_Y
ClientSampleId :
MH-7

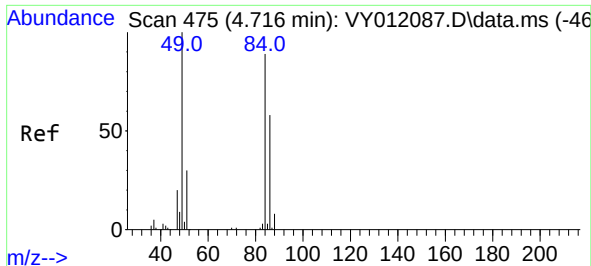
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#16
Acetone
Concen: 6.479 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

Tgt Ion: 43 Resp: 4023
Ion Ratio Lower Upper
43 100
58 43.1 27.9 41.9#

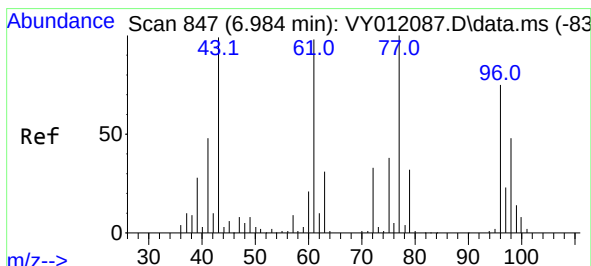
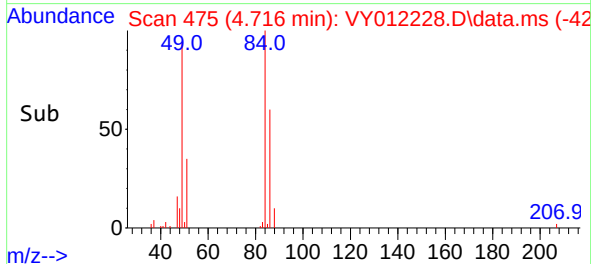
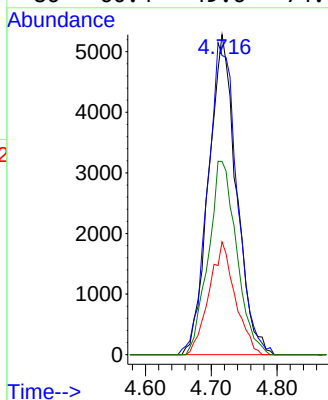
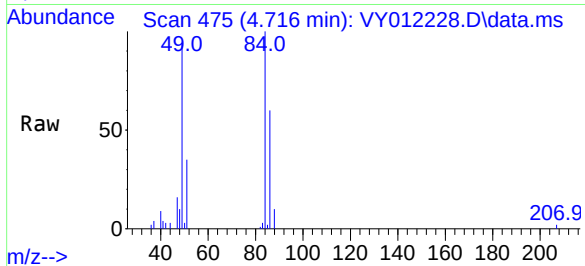




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

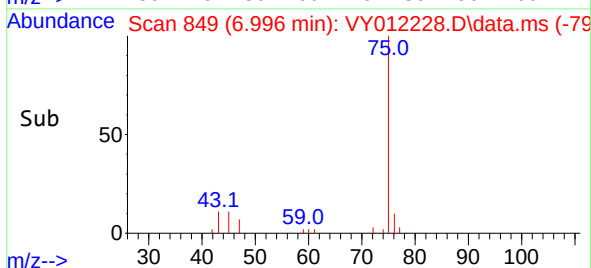
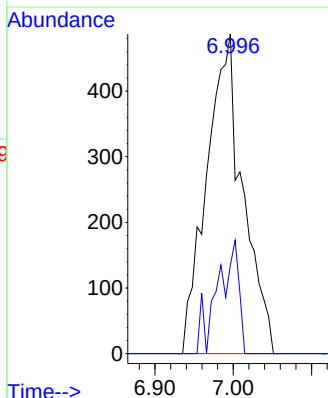
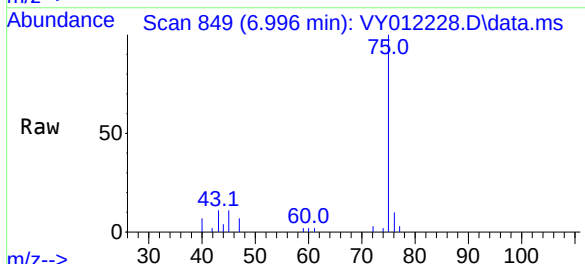
Instrument :
MSVOA_Y
ClientSampleId :
MH-7

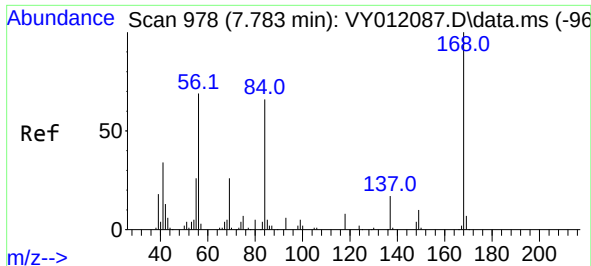
Tgt Ion:	84	Resp:	15476
Ion	Ratio	Lower	Upper
84	100		
49	93.5	95.4	143.2#
51	35.3	29.9	44.9
86	60.4	49.6	74.4



#25
2-Butanone
Concen: 2.282 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

Tgt Ion:	43	Resp:	1564
Ion	Ratio	Lower	Upper
43	100		
72	27.7	22.6	34.0

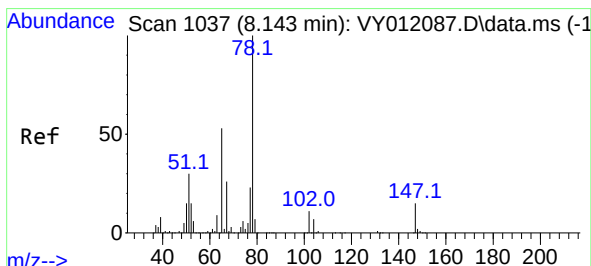
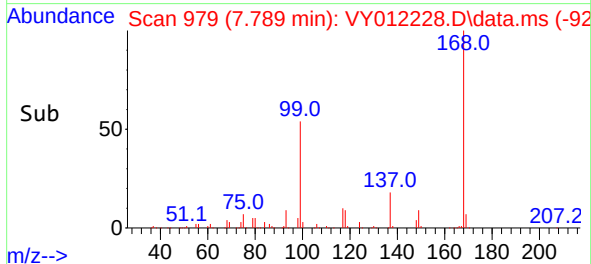
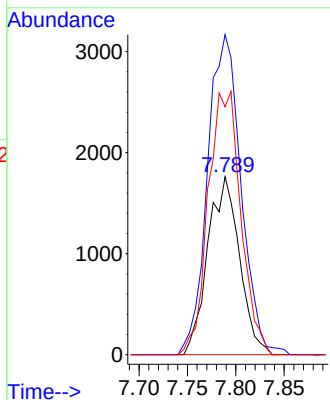
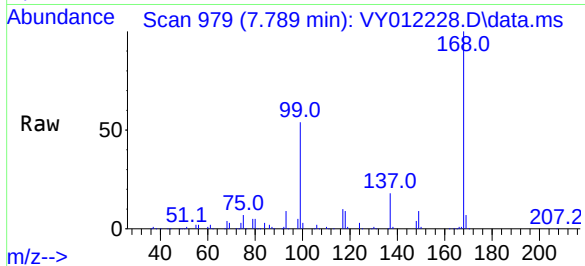




#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

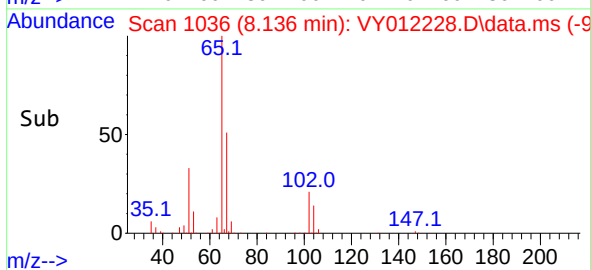
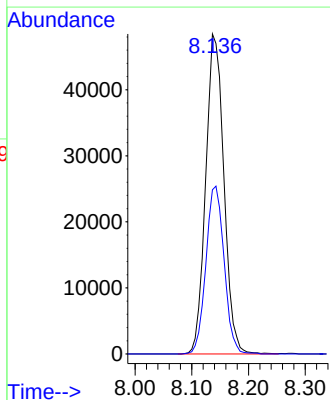
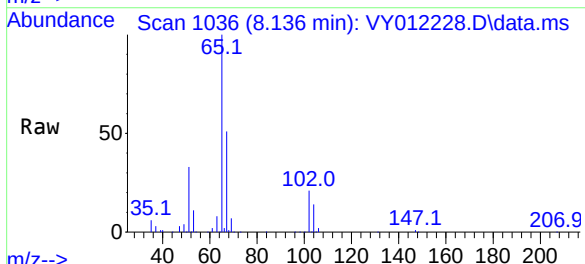
Instrument :
MSVOA_Y
ClientSampleId :
MH-7

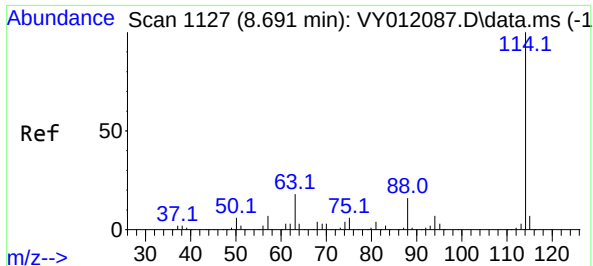
Tgt Ion: 56 Resp: 4008
Ion Ratio Lower Upper
56 100
69 179.9 29.2 43.8#
84 139.4 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 59.199 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

Tgt Ion: 65 Resp: 108083
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2

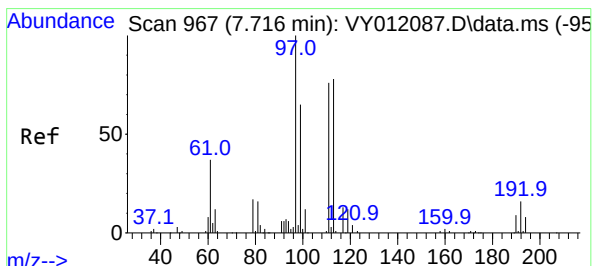
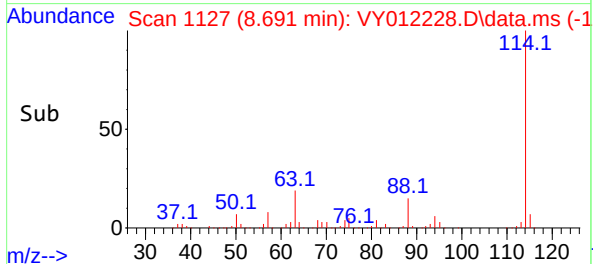
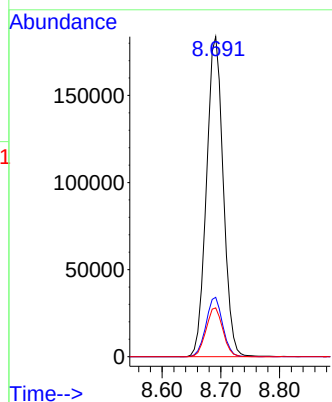
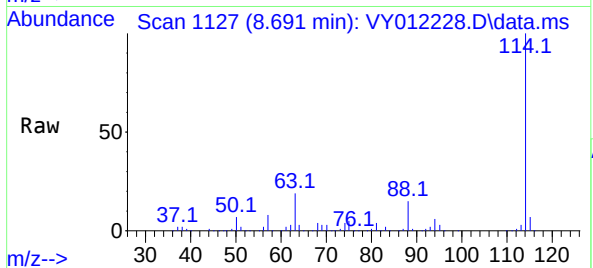




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

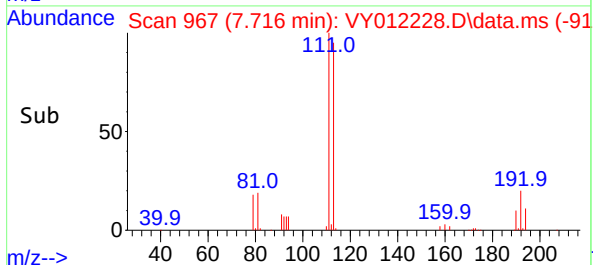
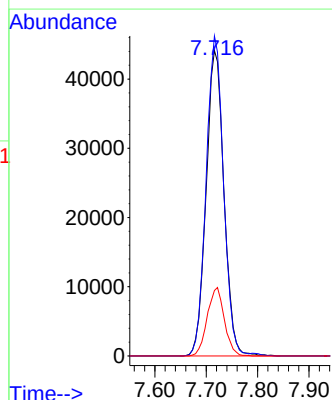
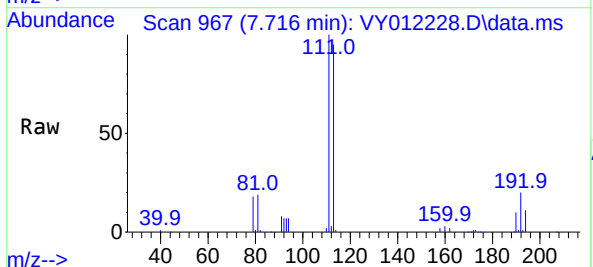
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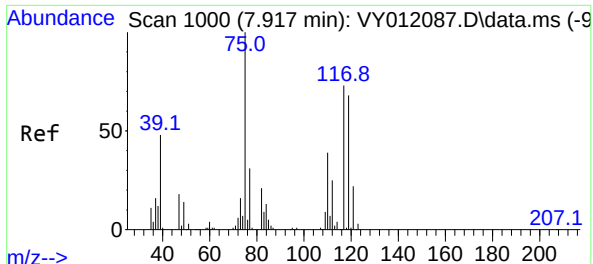
Tgt Ion:114 Resp: 364178
Ion Ratio Lower Upper
114 100
63 18.5 0.0 39.6
88 15.3 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.061 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

Tgt Ion:113 Resp: 106175
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.4
192 21.5 16.0 24.0

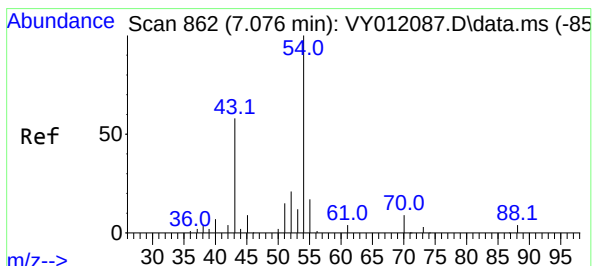
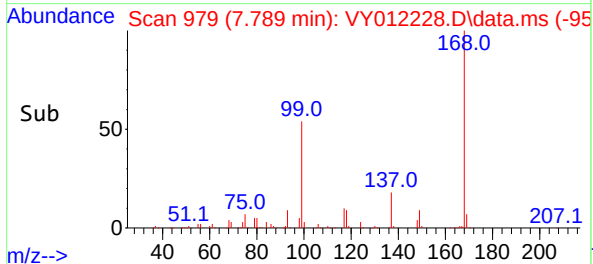
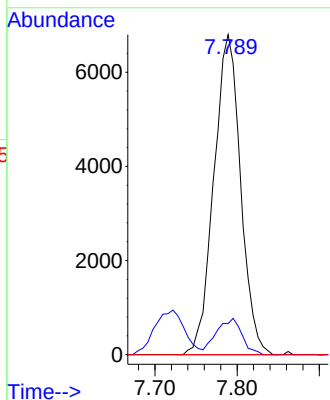
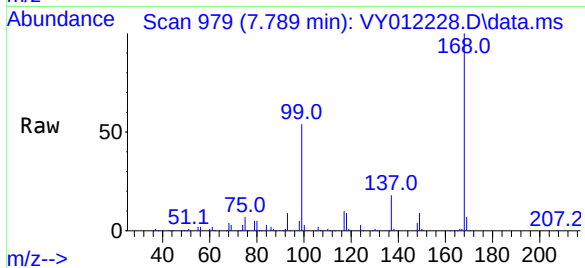




#36
1,1-Dichloropropene
Concen: 4.690 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

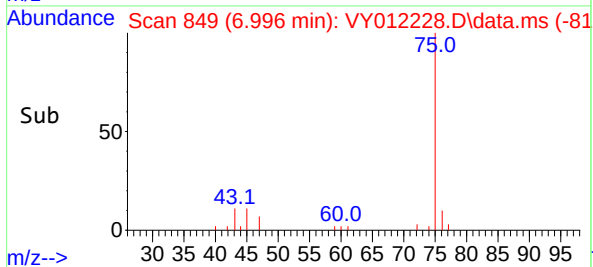
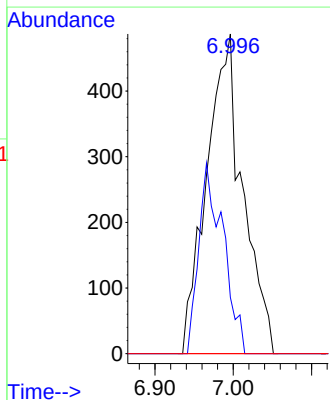
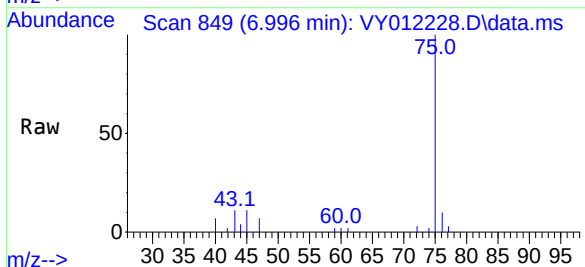
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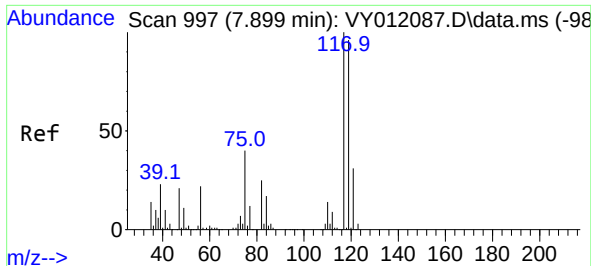
Tgt Ion: 75 Resp: 15369
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.1#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.083 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.080 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

Tgt Ion: 43 Resp: 1564
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.2 12.4#

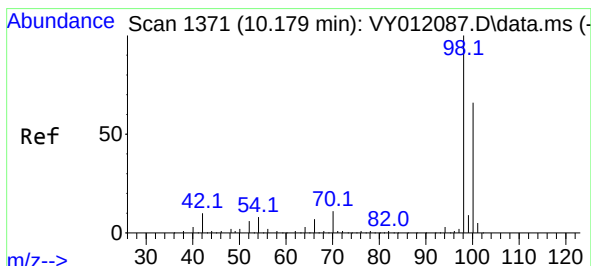
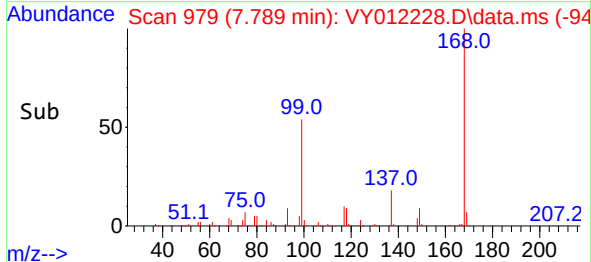
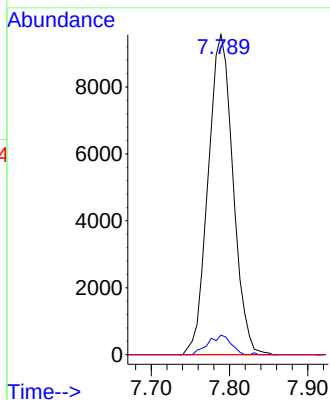
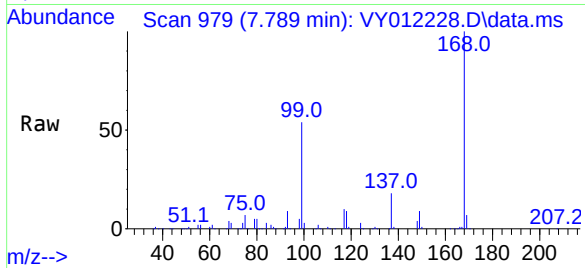




#38
Carbon Tetrachloride
Concen: 4.997 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

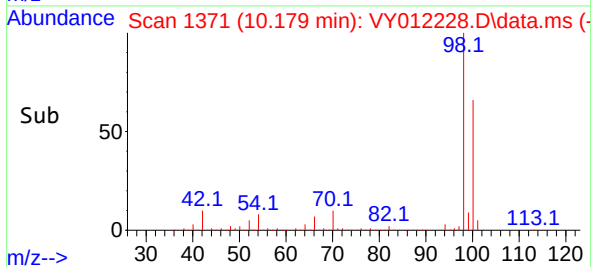
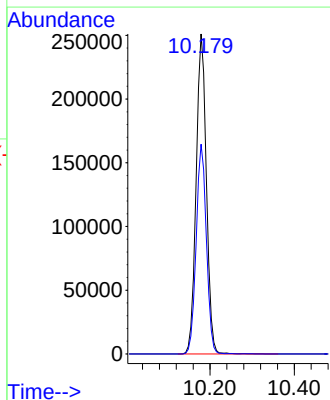
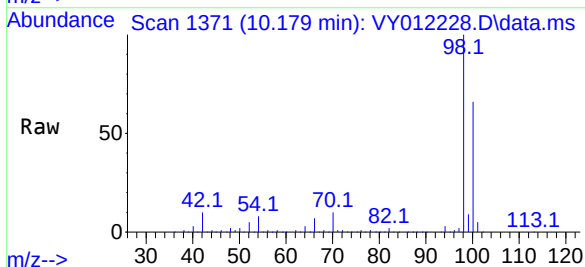
Instrument :
MSVOA_Y
ClientSampleId :
MH-7

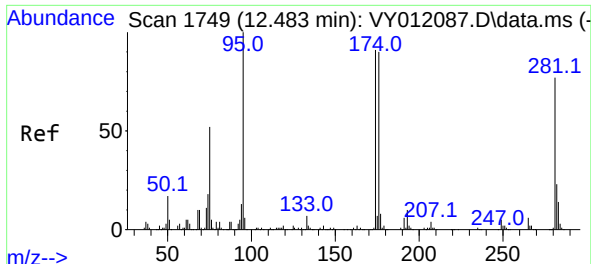
Tgt Ion:117 Resp: 21149
Ion Ratio Lower Upper
117 100
119 6.1 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 64.680 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

Tgt Ion: 98 Resp: 423649
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

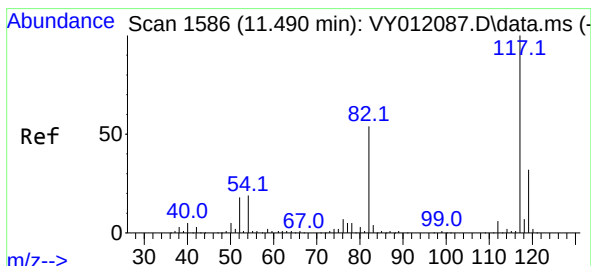
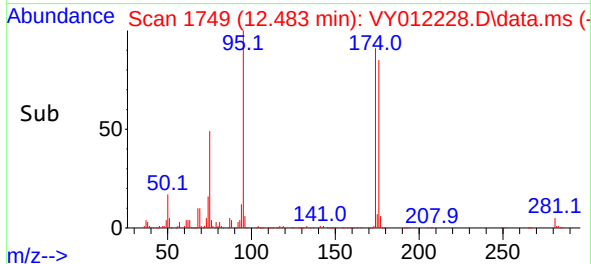
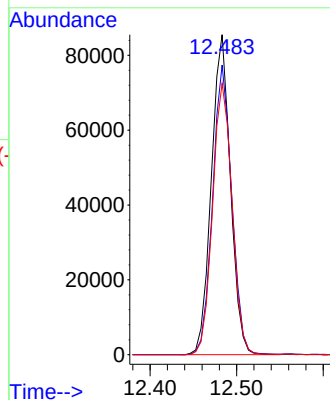
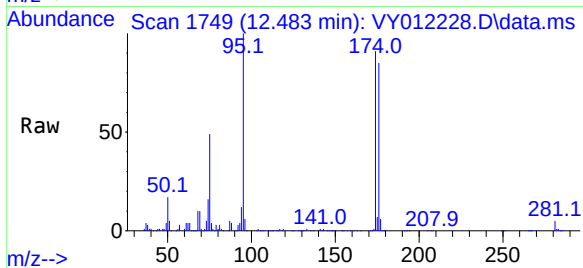




#62
4-Bromofluorobenzene
Concen: 48.148 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

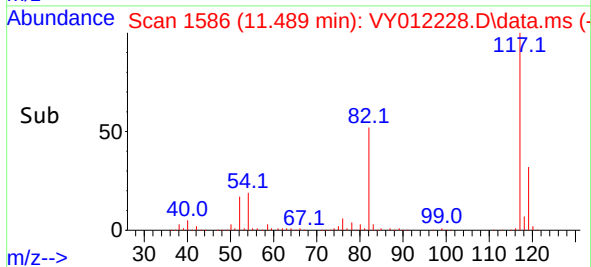
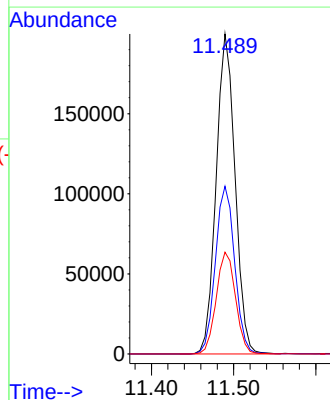
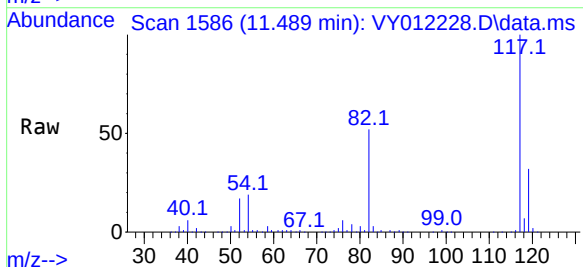
Instrument :
MSVOA_Y
ClientSampleId :
MH-7

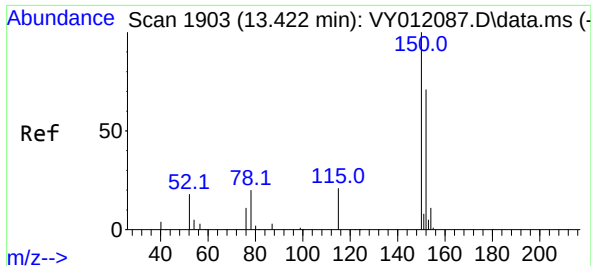
Tgt Ion: 95 Resp: 130882
Ion Ratio Lower Upper
95 100
174 90.5 0.0 172.0
176 86.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

Tgt Ion: 117 Resp: 319865
Ion Ratio Lower Upper
117 100
82 52.4 44.8 67.2
119 31.8 25.4 38.2

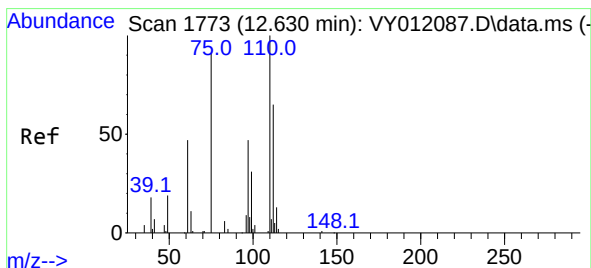
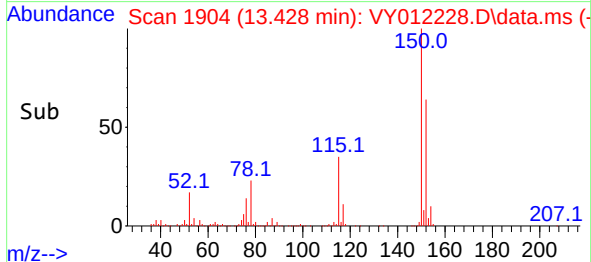
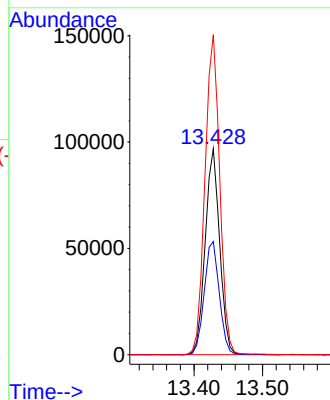
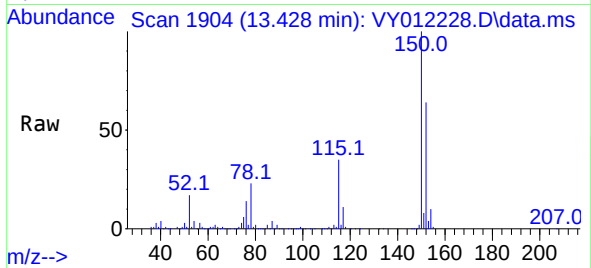




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

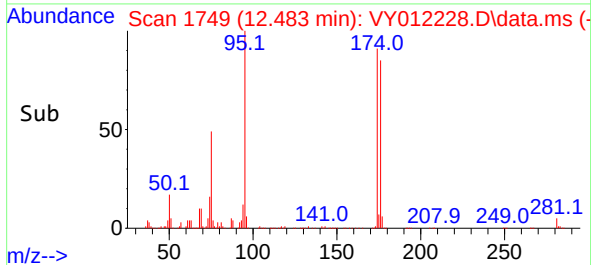
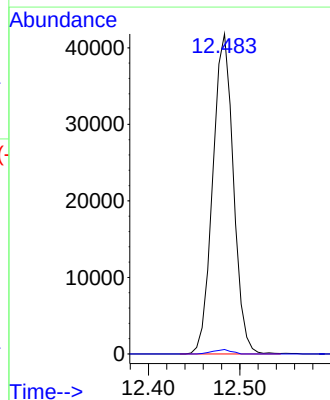
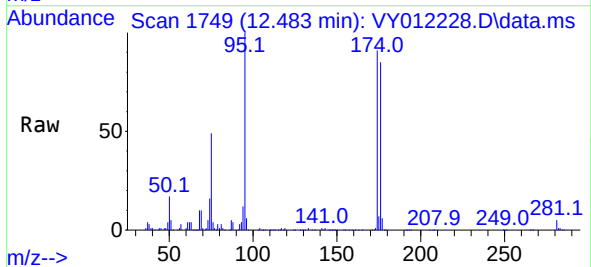
Instrument :
MSVOA_Y
ClientSampleId :
MH-7

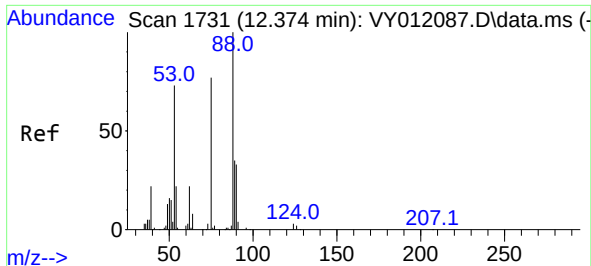
Tgt Ion:152 Resp: 142395
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 158.7 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 50.073 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012228.D
Acq: 17 Jan 2023 17:13

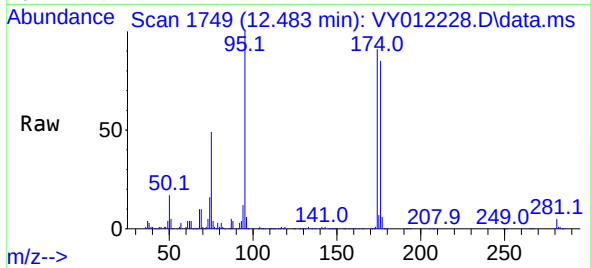
Tgt Ion: 75 Resp: 65564
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.172 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012228.D
 Acq: 17 Jan 2023 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-7



Tgt Ion: 75 Resp: 65564

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.5	108.7#
89	0.1	37.0	55.4#

