

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012263.D
 Acq On : 19 Jan 2023 14:13
 Operator : KP/MD
 Sample : 01214-07
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011723-B3-0-10-DUP

Quant Time: Jan 20 03:23:56 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)

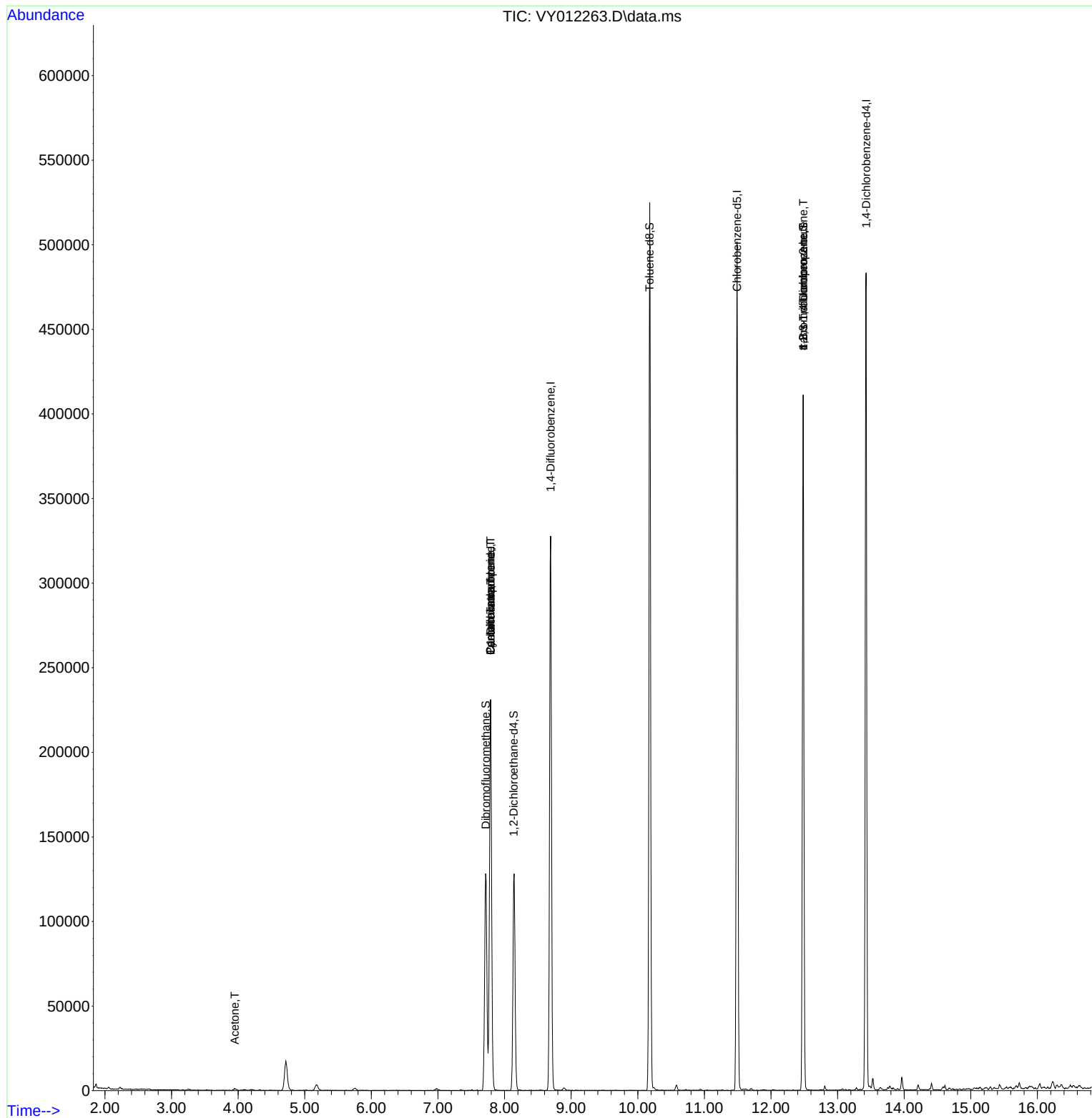
Internal Standards						
1) Pentafluorobenzene	7.789	168	178126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	296612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	107450	74.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.440%	
35) Dibromofluoromethane	7.716	113	87578	55.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.520%	
50) Toluene-d8	10.179	98	346011	64.874	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.740%	
62) 4-Bromofluorobenzene	12.483	95	115436	52.139	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	80	Below Cal	#	74
16) Acetone	3.948	43	1819	3.667	ug/l	96
20) Methylene Chloride	4.710	84	14010	Below Cal	#	84
31) Cyclohexane	7.789	56	2887	1.112	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	11842	4.437	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	17051	4.946	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	63103	52.384	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	63103	107.934	ug/l	# 13

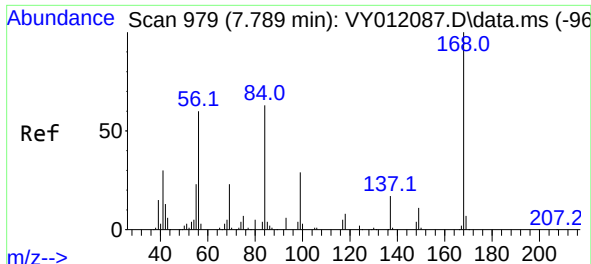
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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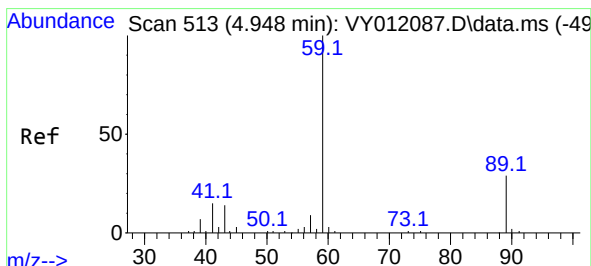
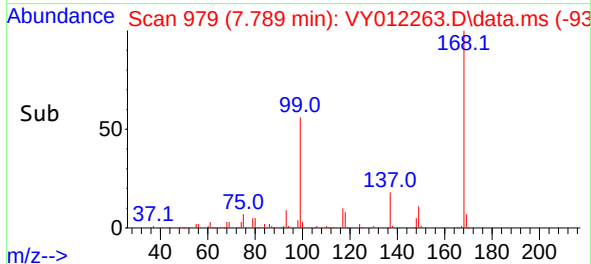
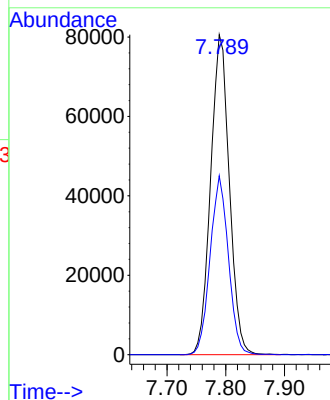
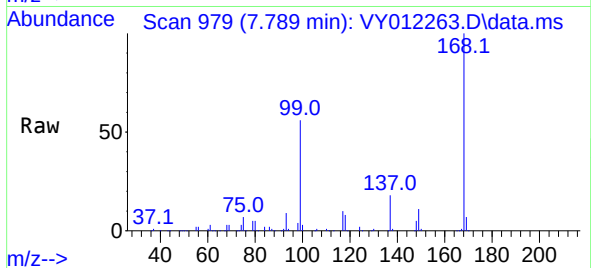




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

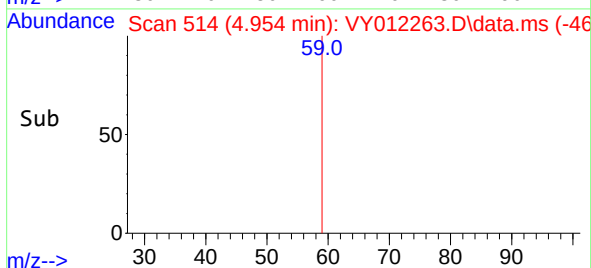
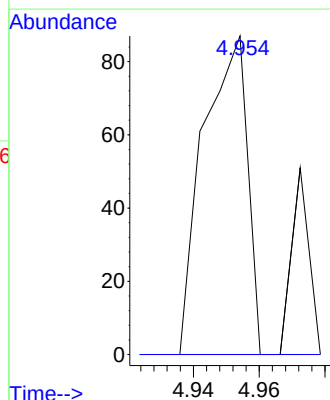
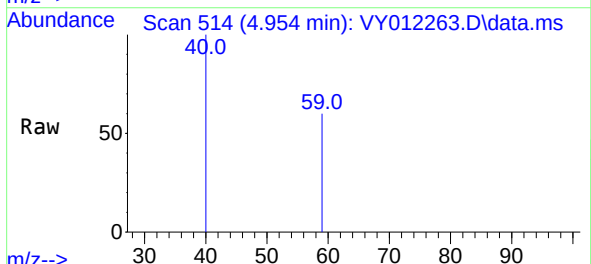
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10-DUP

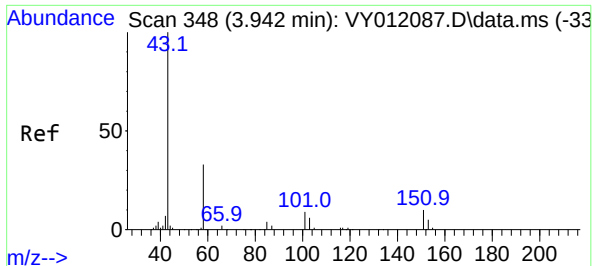
Tgt Ion:168 Resp: 178126
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

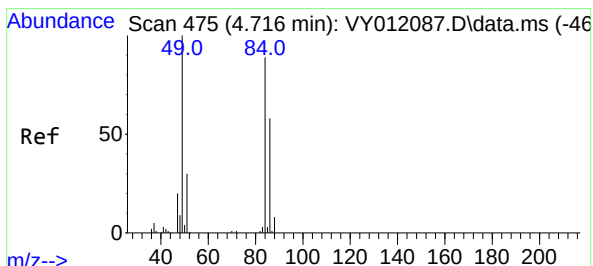
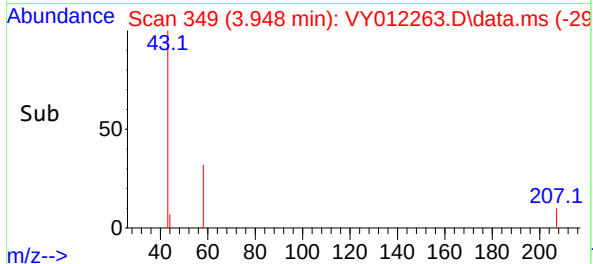
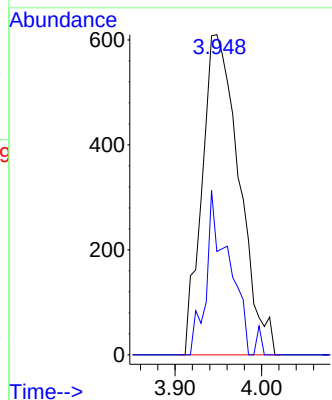
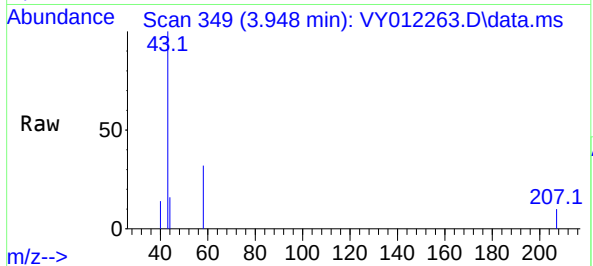




#16
Acetone
Concen: 3.667 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

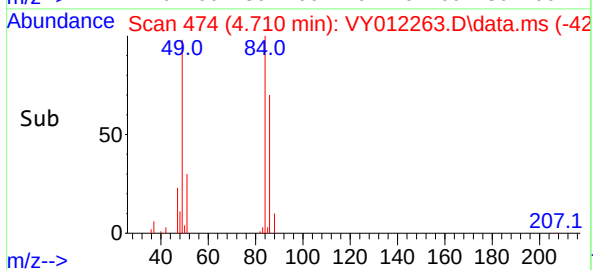
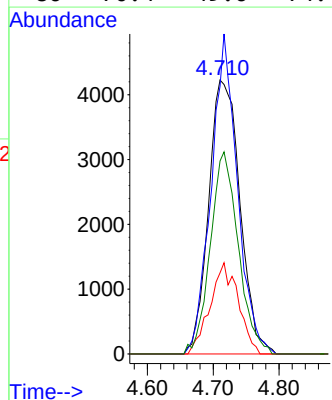
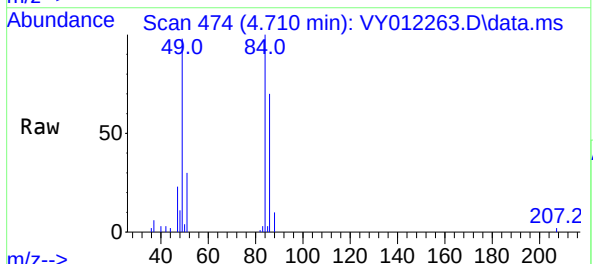
Instrument :
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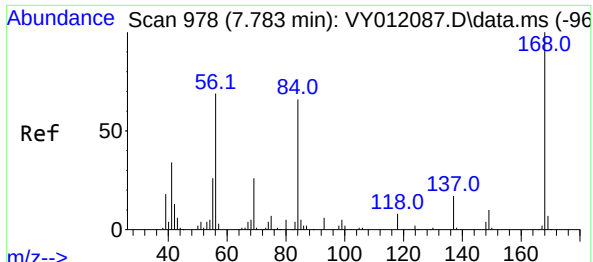
Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
58 32.3 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Tgt Ion: 84 Resp: 14010
Ion Ratio Lower Upper
84 100
49 97.7 95.4 143.2
51 29.6 29.9 44.9#
86 70.4 49.6 74.4

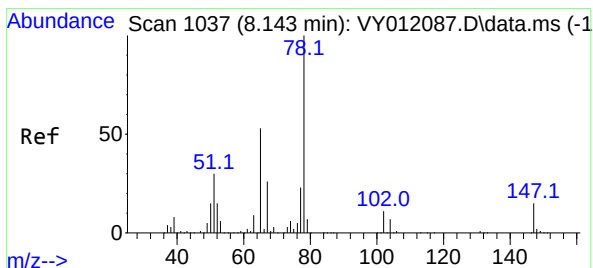
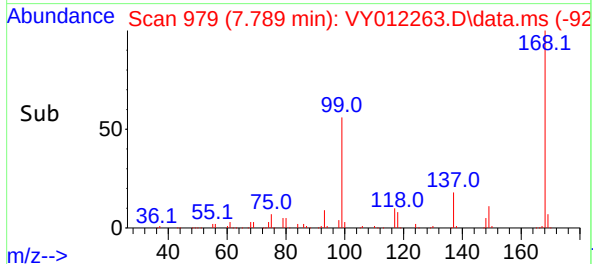
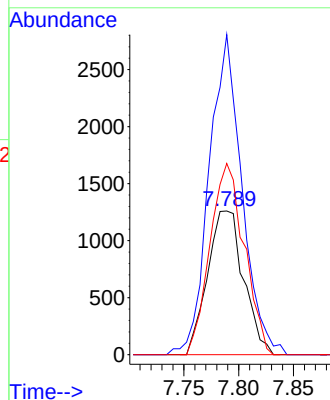
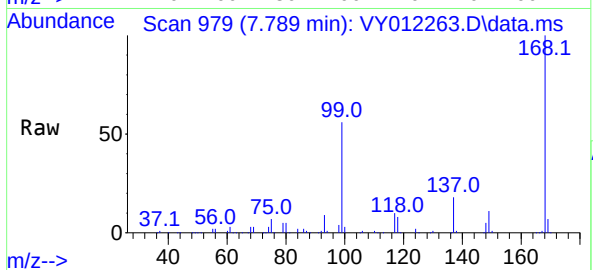




#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

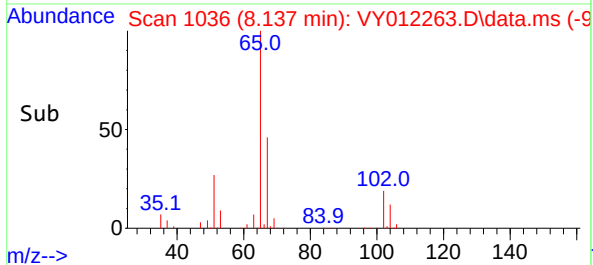
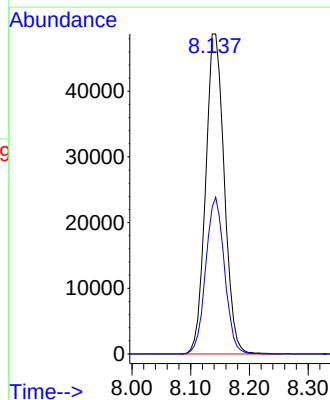
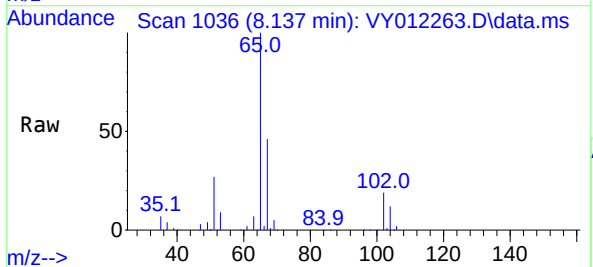
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10-DUP

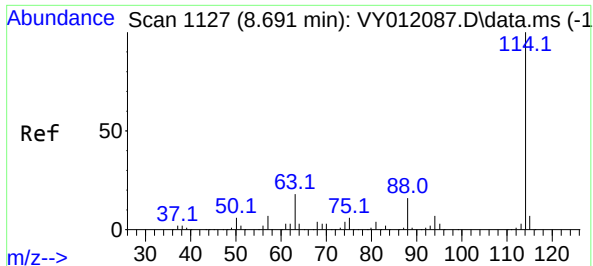
Tgt Ion: 56 Resp: 2887
Ion Ratio Lower Upper
56 100
69 218.6 29.2 43.8#
84 133.1 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 74.719 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Tgt Ion: 65 Resp: 107450
Ion Ratio Lower Upper
65 100
67 49.2 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: VY012263.D

Acq: 19 Jan 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011723-B3-0-10-DUP

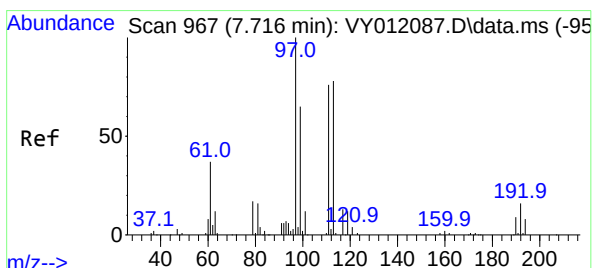
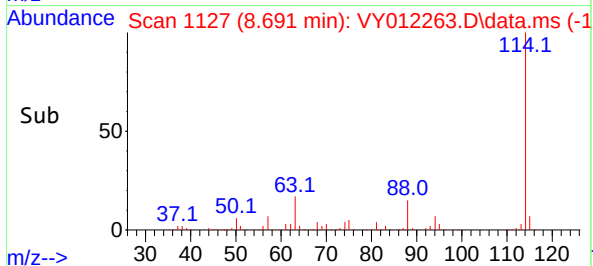
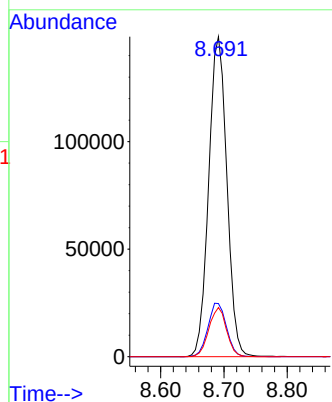
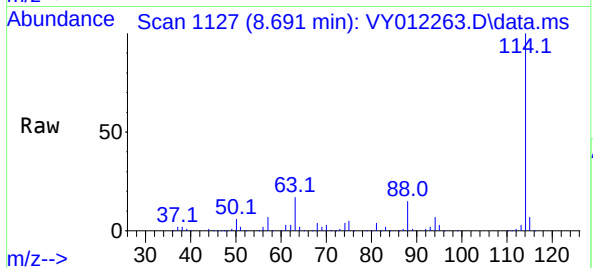
Tgt Ion:114 Resp: 296612

Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.762 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012263.D

Acq: 19 Jan 2023 14:13

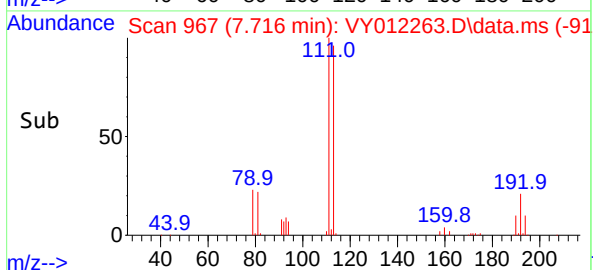
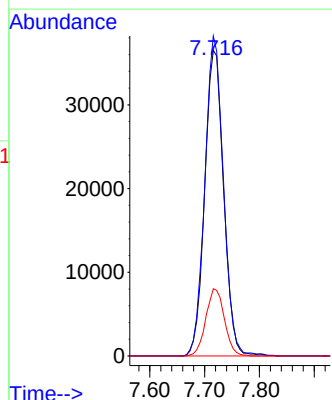
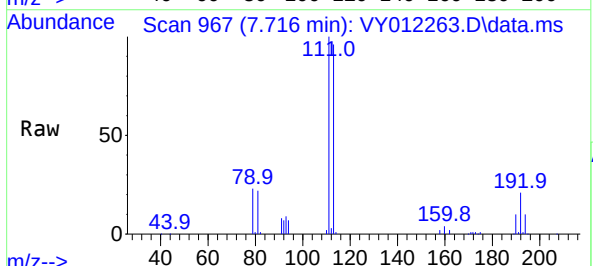
Tgt Ion:113 Resp: 87578

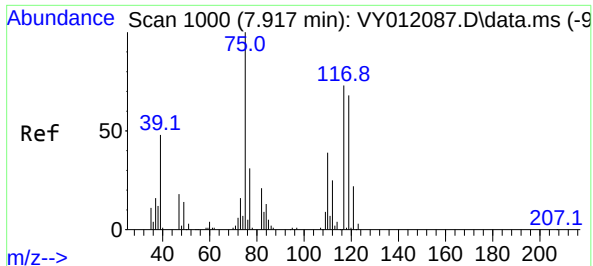
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 21.6 16.0 24.0

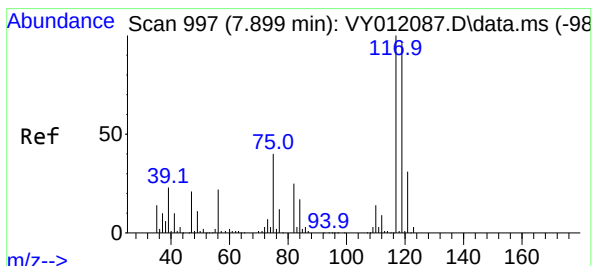
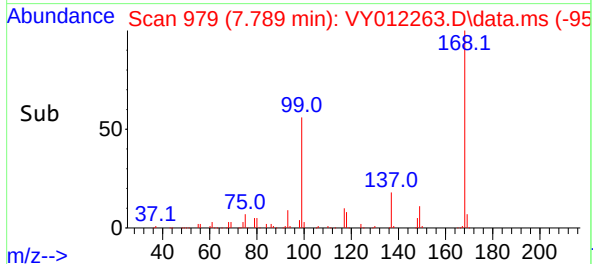
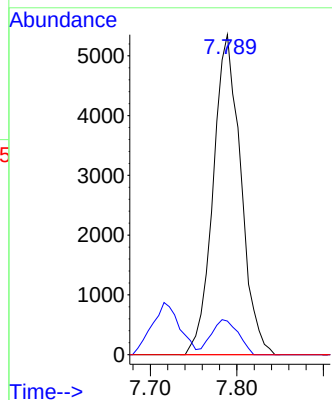
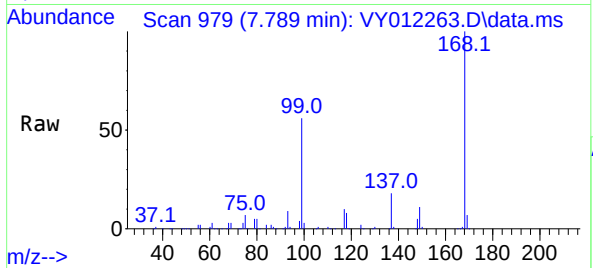




#36
1,1-Dichloropropene
Concen: 4.437 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

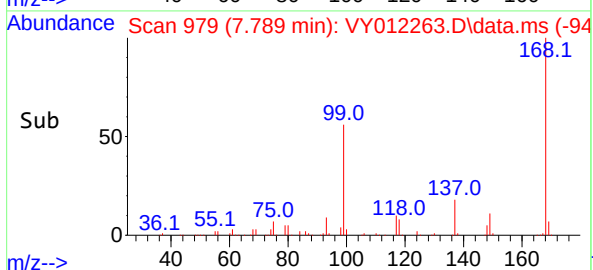
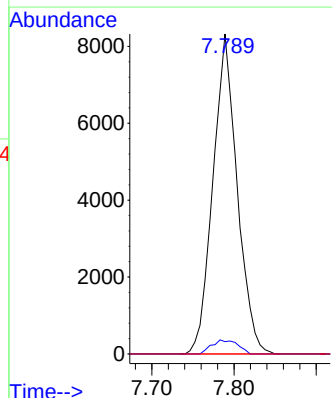
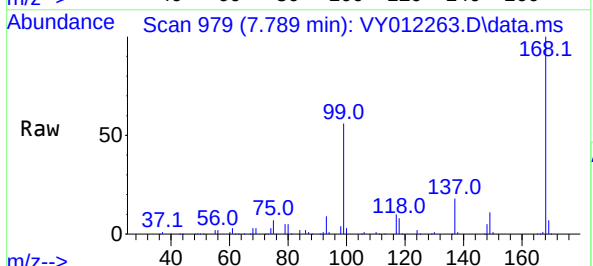
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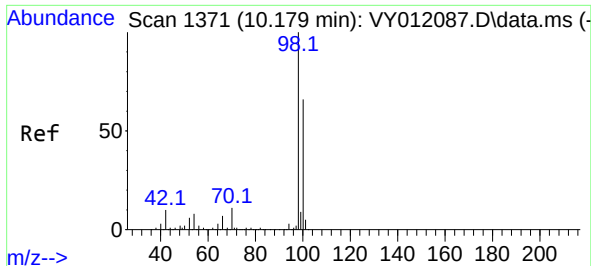
Tgt Ion: 75 Resp: 11842
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.946 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Tgt Ion: 117 Resp: 17051
Ion Ratio Lower Upper
117 100
119 3.9 73.8 110.8#
121 0.0 25.2 37.8#

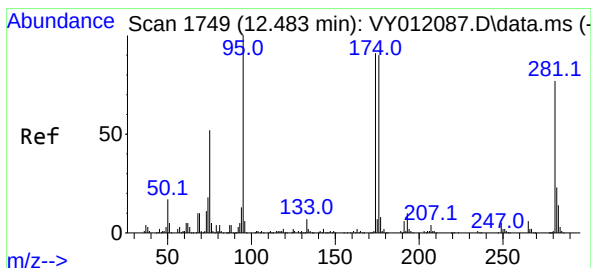
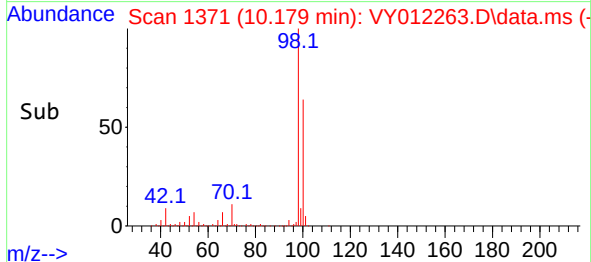
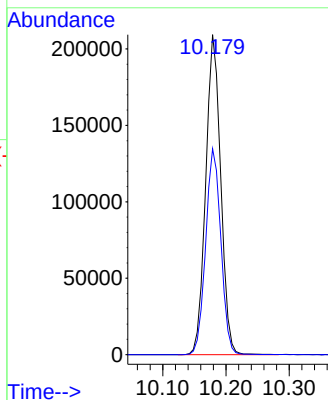
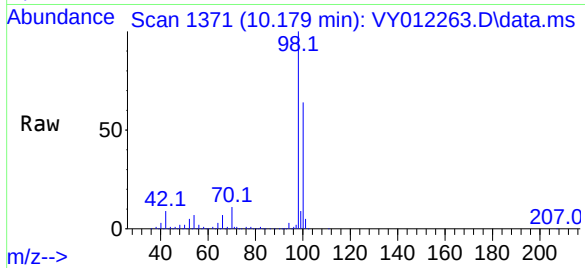




#50
Toluene-d8
Concen: 64.874 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

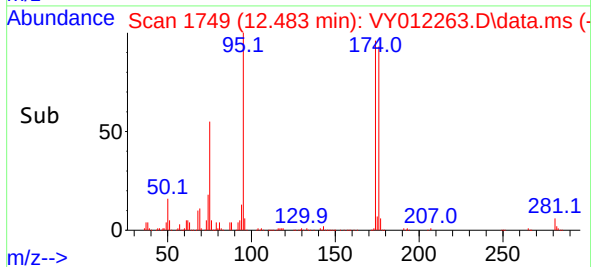
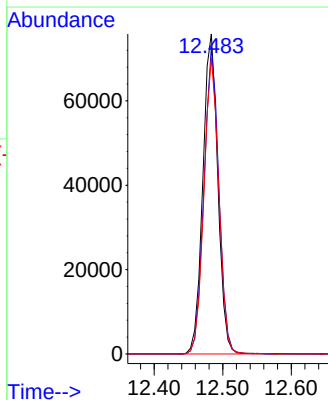
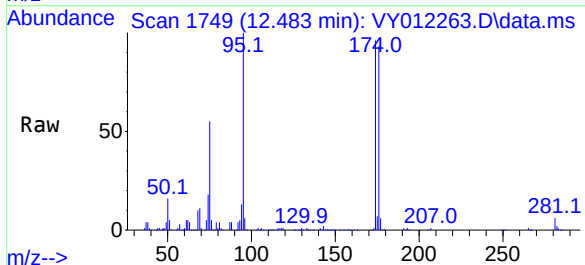
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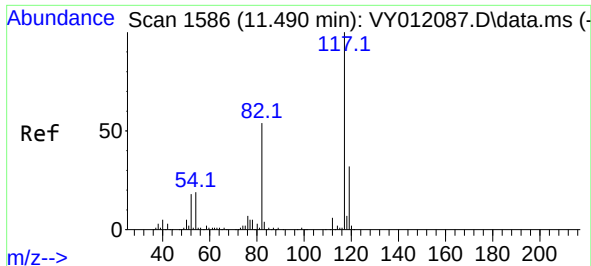
Tgt Ion: 98 Resp: 346011
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Tgt Ion: 95 Resp: 115436
Ion Ratio Lower Upper
95 100
174 95.1 0.0 172.0
176 92.0 0.0 167.6

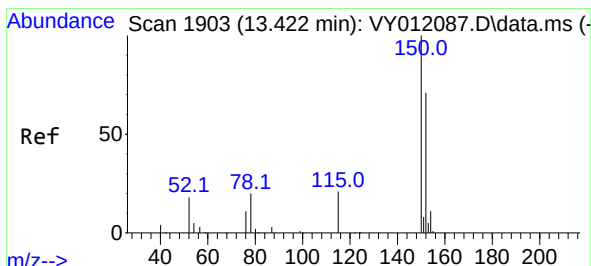
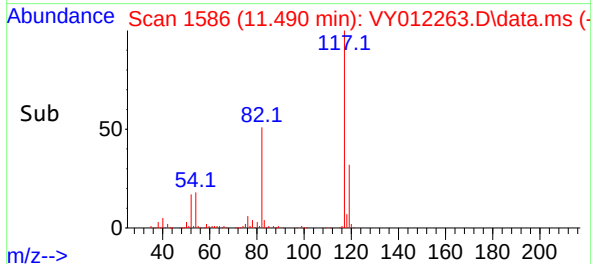
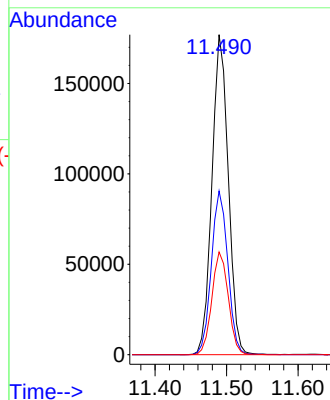
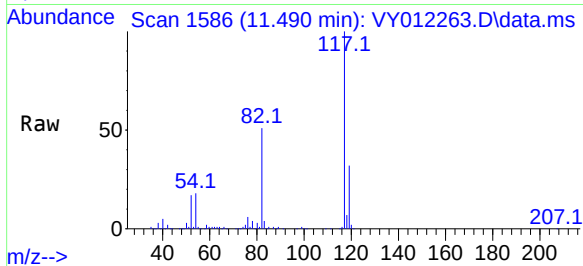




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

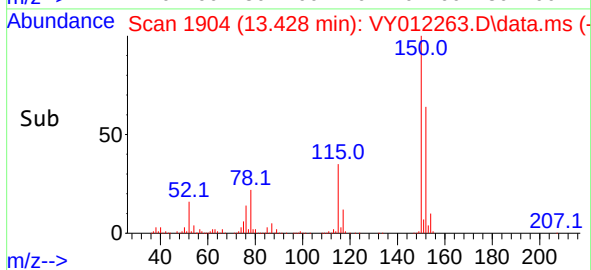
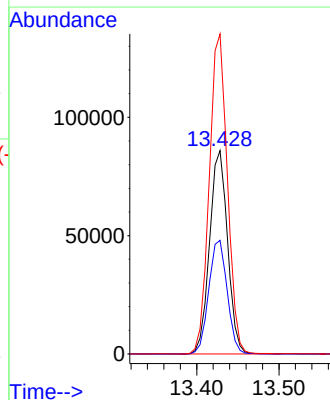
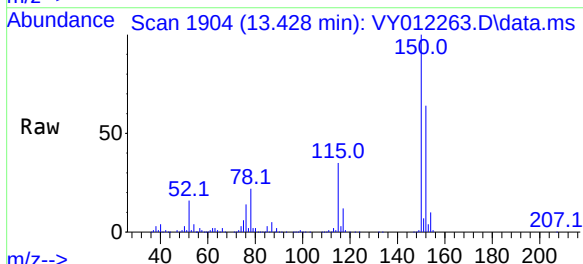
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10-DUP

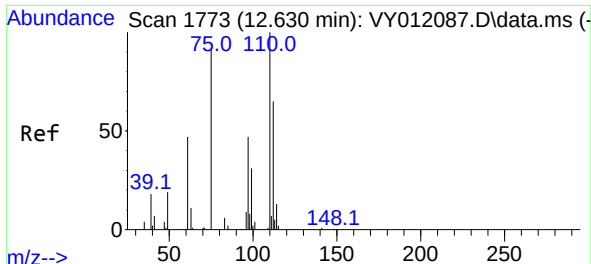
Tgt Ion:117 Resp: 280899
Ion Ratio Lower Upper
117 100
82 51.2 44.8 67.2
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Tgt Ion:152 Resp: 131004
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 158.0 0.0 342.6

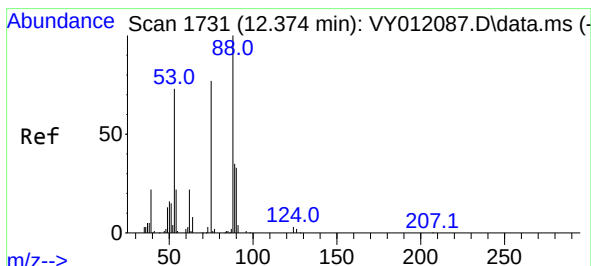
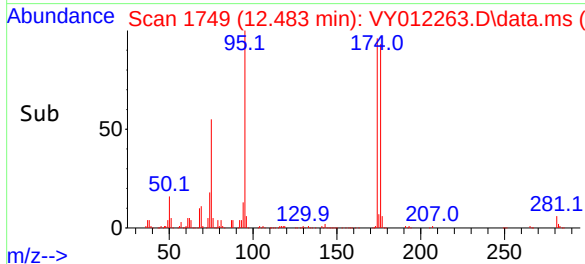
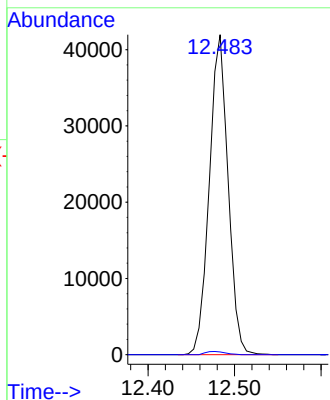
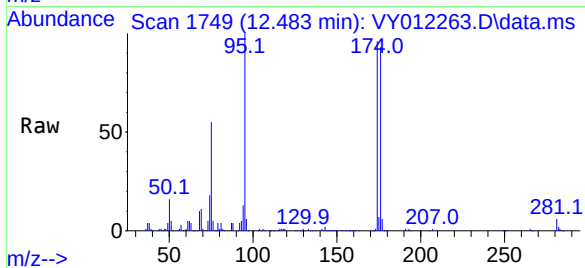




#76
1,2,3-Trichloropropane
Concen: 52.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10-DUP

Tgt Ion: 75 Resp: 63103
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.934 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Tgt Ion: 75 Resp: 63103
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

