

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012872.D
 Acq On : 08 Mar 2023 15:39
 Operator : KP/MD
 Sample : 01829-02
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-02-20230306

Quant Time: Mar 09 00:37:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

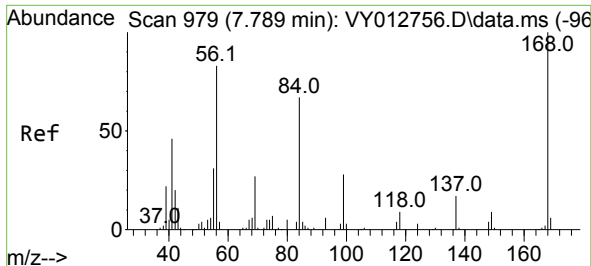
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	76456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	131131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51509	67.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.700%	
35) Dibromofluoromethane	7.716	113	45442	57.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.840%	
50) Toluene-d8	10.179	98	157249	54.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.700%	
62) 4-Bromofluorobenzene	12.483	95	45737	46.838	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	22	Below Cal	#	74
20) Methylene Chloride	4.710	84	4090	Below Cal		91
31) Cyclohexane	7.795	56	1536	1.057	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5632	4.247	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7475	5.458	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	23853	37.444	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23853	77.584	ug/l #	13

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

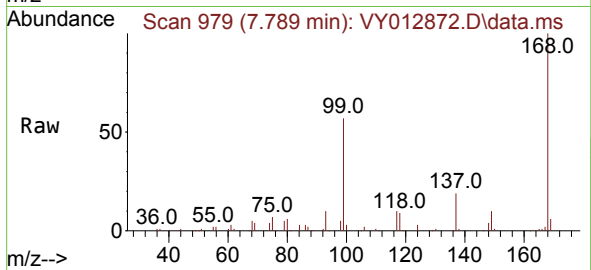
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QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



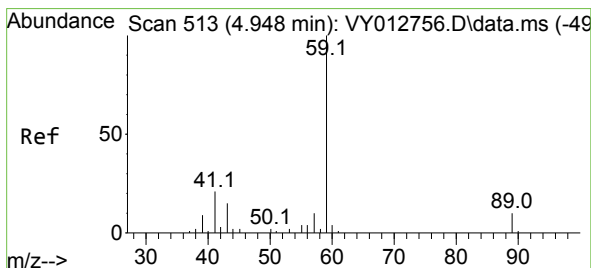
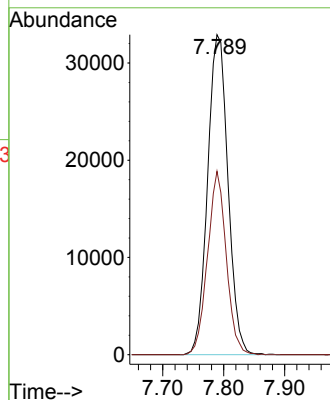
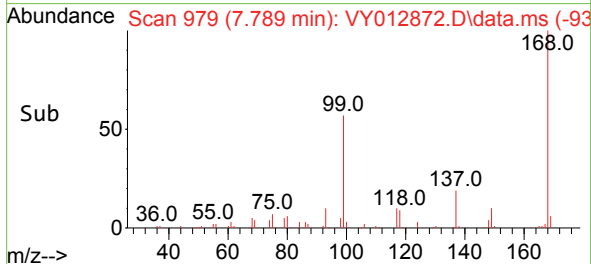


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

Instrument :
MSVOA_Y
ClientSampleId :
SS-02-20230306

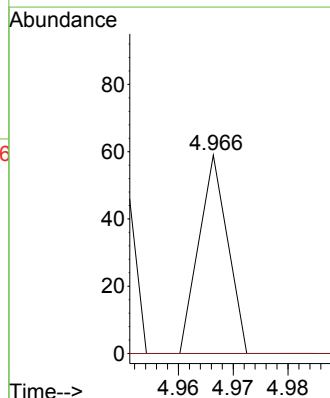
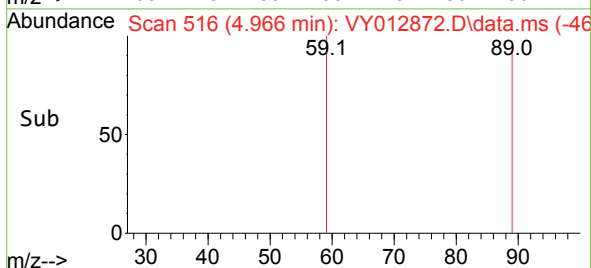
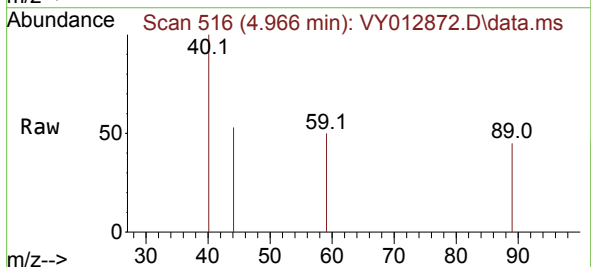


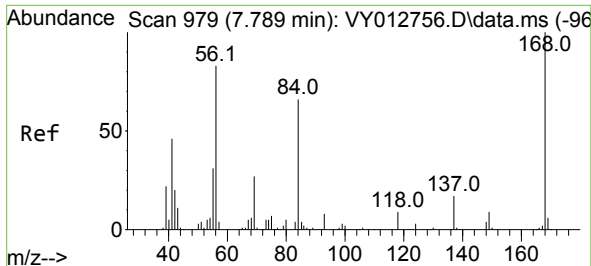
Tgt Ion:168 Resp: 76456
Ion Ratio Lower Upper
168 100
99 57.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

Tgt Ion: 59 Resp: 22
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

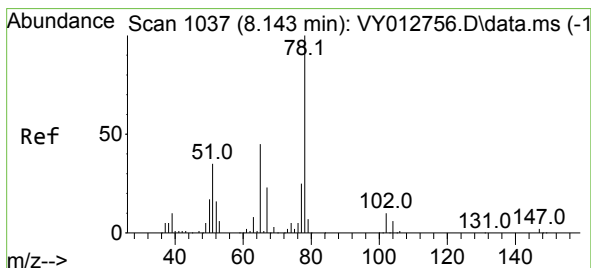
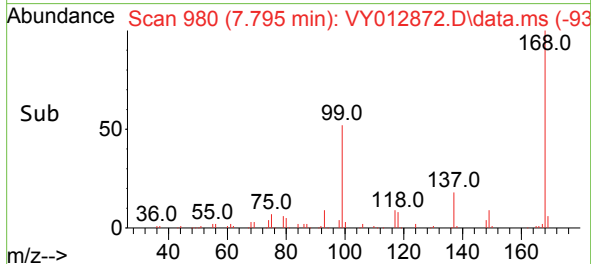
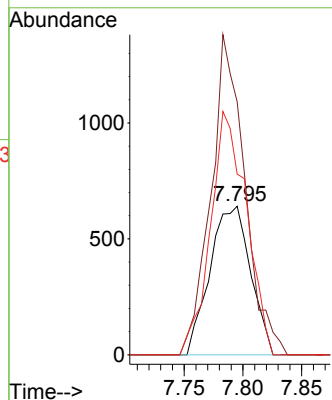
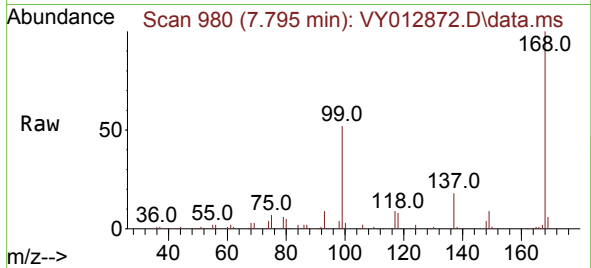




#31
Cyclohexane
Concen: 1.057 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

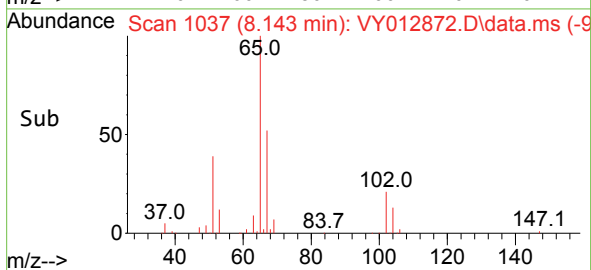
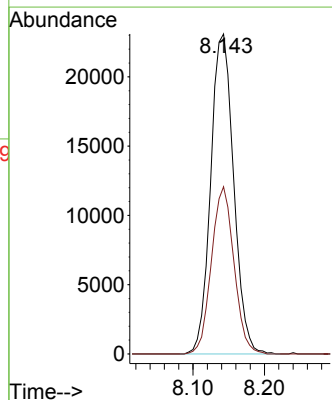
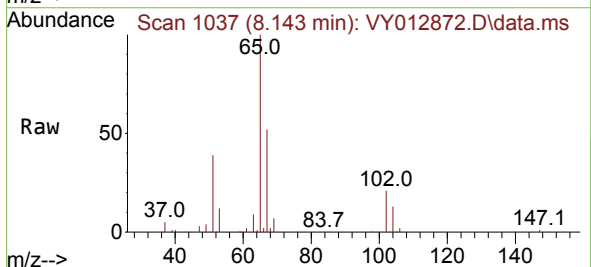
Instrument :
MSVOA_Y
ClientSampleId :
SS-02-20230306

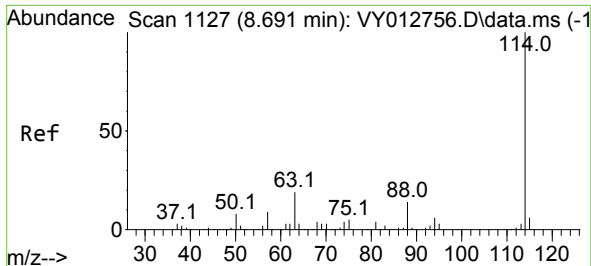
Tgt Ion: 56 Resp: 1536
Ion Ratio Lower Upper
56 100
69 170.4 25.7 38.5#
84 121.7 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 67.855 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

Tgt Ion: 65 Resp: 51509
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

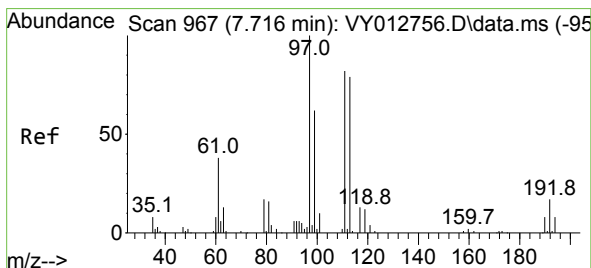
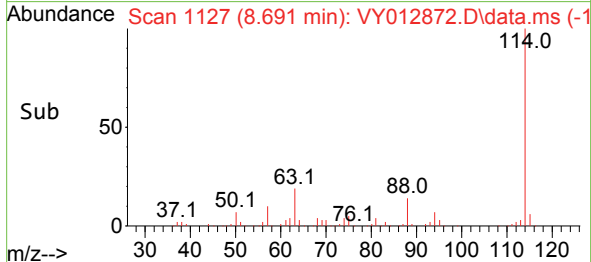
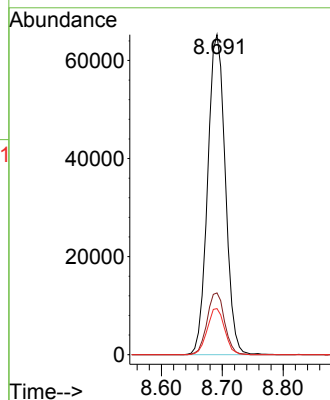
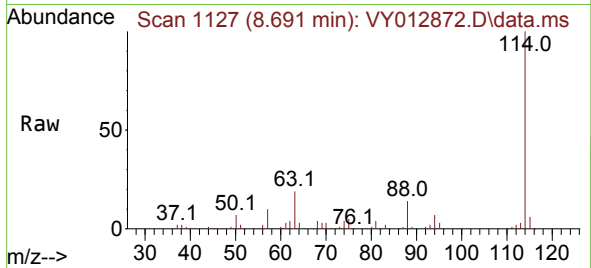




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

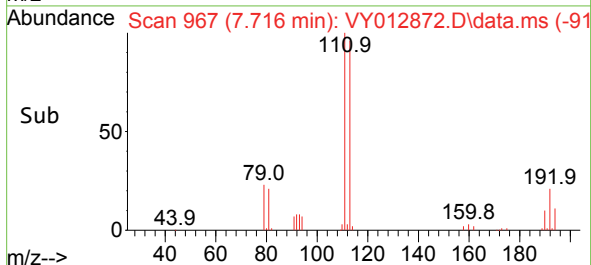
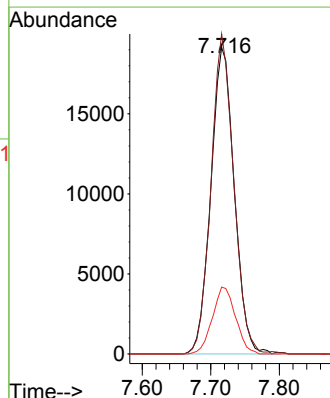
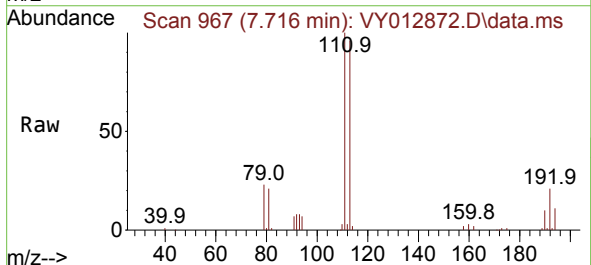
Instrument :
MSVOA_Y
ClientSampleId :
SS-02-20230306

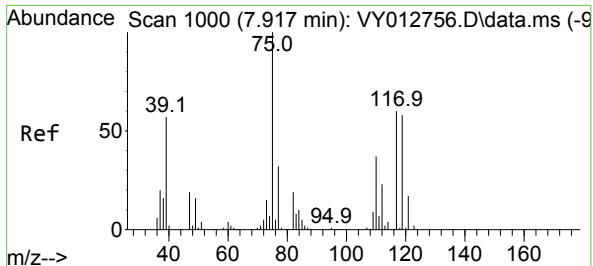
Tgt Ion:114 Resp: 131131
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.4
88 14.4 0.0 28.6



#35
Dibromofluoromethane
Concen: 57.422 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

Tgt Ion:113 Resp: 45442
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.2
192 21.6 16.8 25.2

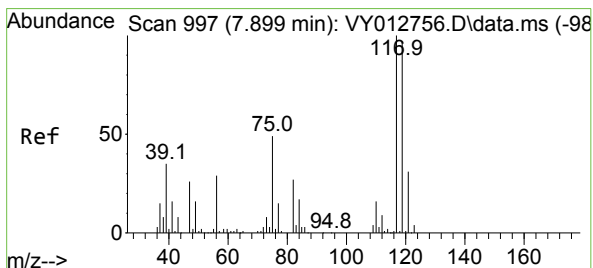
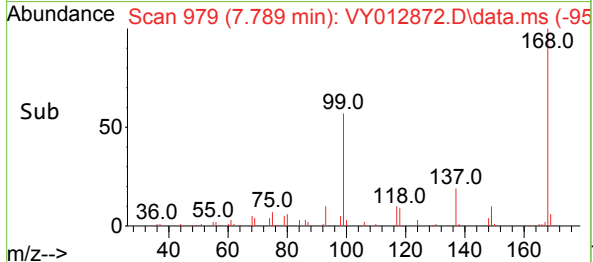
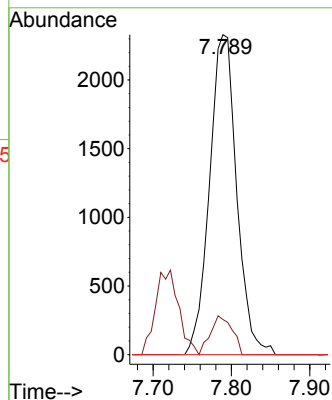
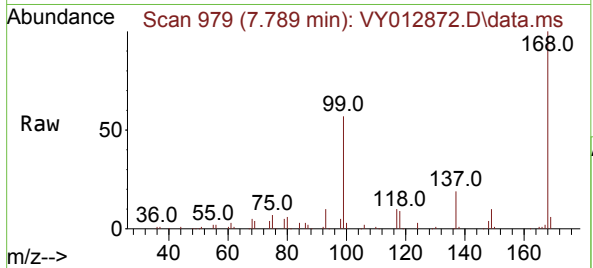




#36
1,1-Dichloropropene
Concen: 4.247 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

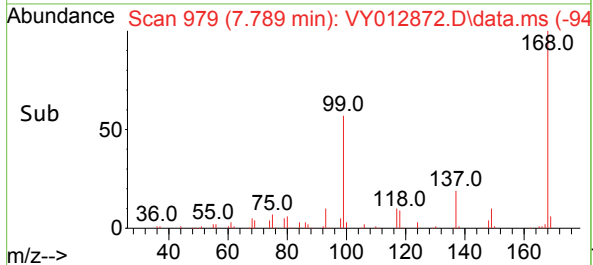
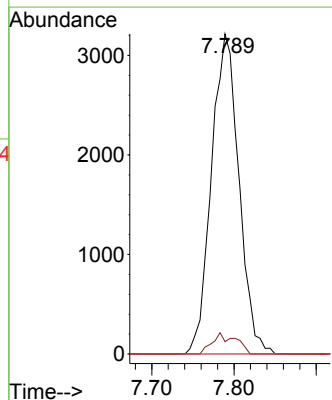
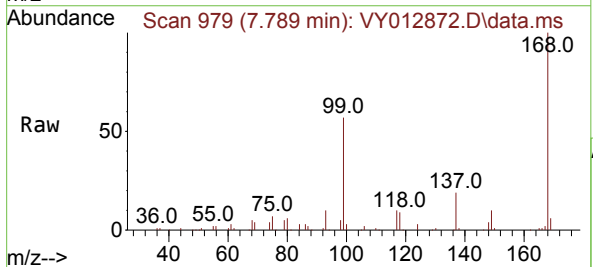
Instrument :
MSVOA_Y
ClientSampleId :
SS-02-20230306

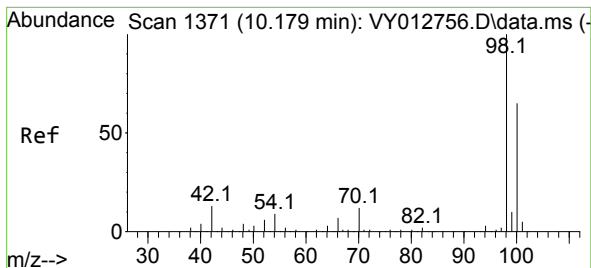
Tgt Ion: 75 Resp: 5632
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.458 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

Tgt Ion: 117 Resp: 7475
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 24.7 37.1#

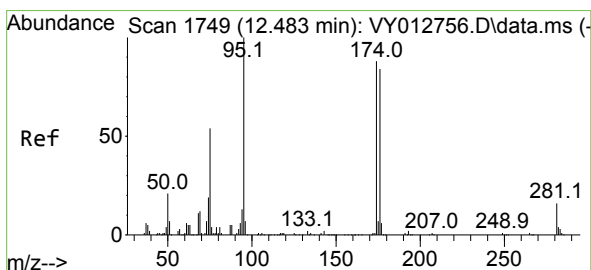
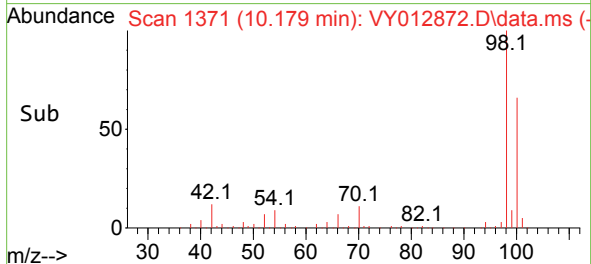
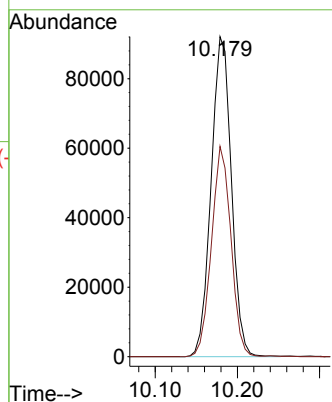
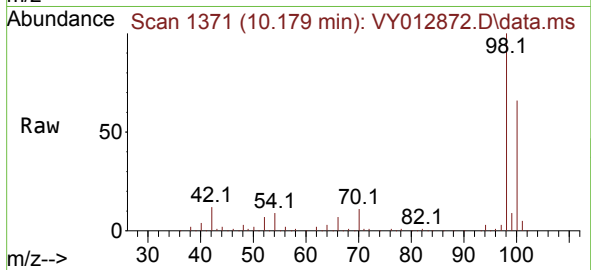




#50
Toluene-d8
Concen: 54.353 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

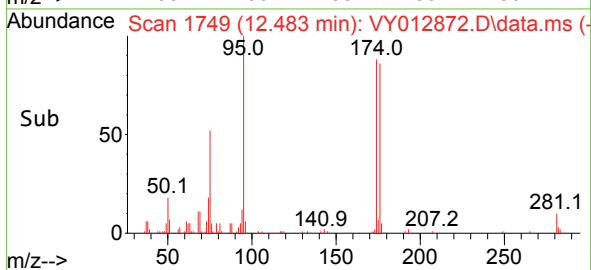
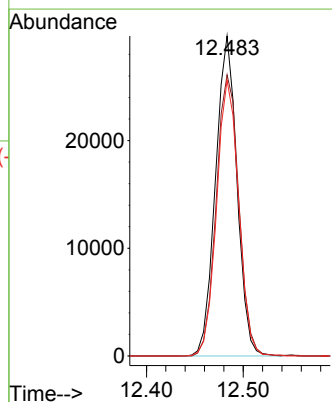
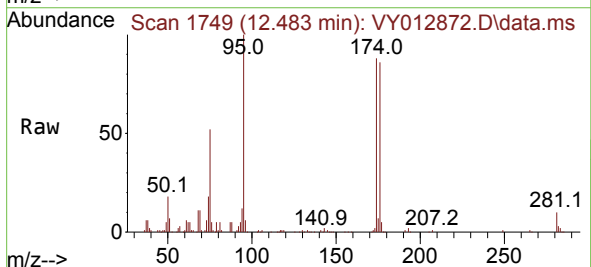
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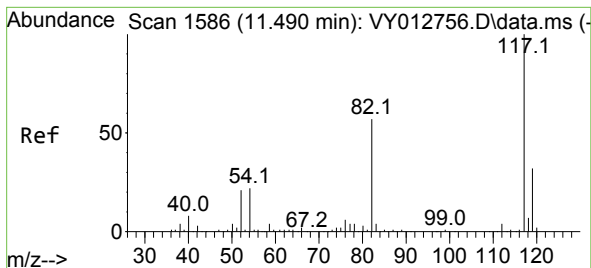
Tgt Ion: 98 Resp: 157249
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.838 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

Tgt Ion: 95 Resp: 45737
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.6
176 88.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012872.D

Acq: 08 Mar 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

SS-02-20230306

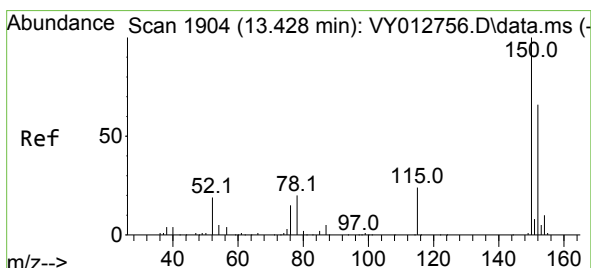
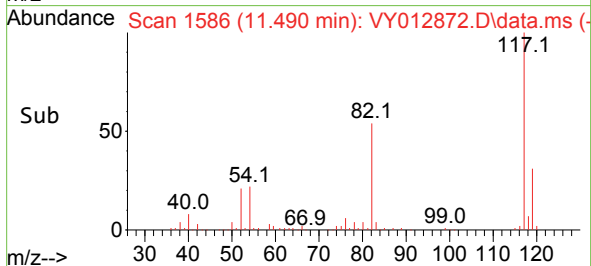
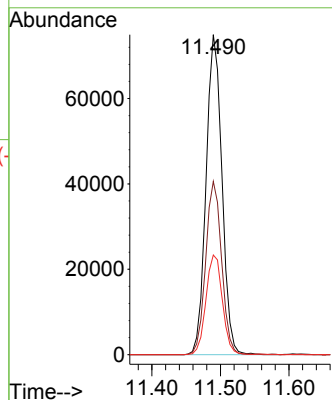
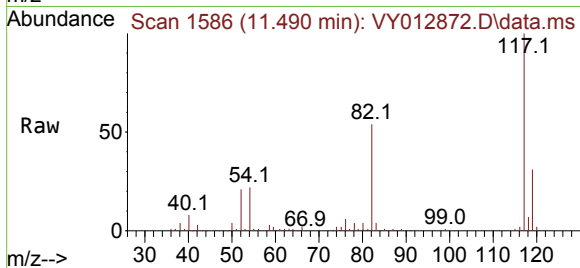
Tgt Ion:117 Resp: 120952

Ion Ratio Lower Upper

117 100

82 54.2 45.4 68.0

119 31.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012872.D

Acq: 08 Mar 2023 15:39

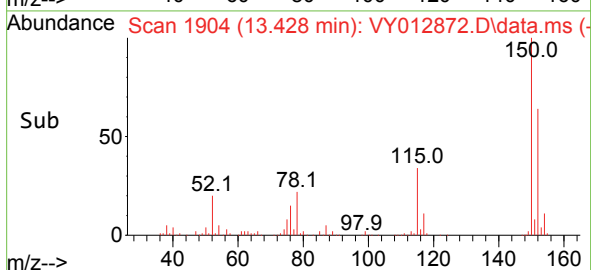
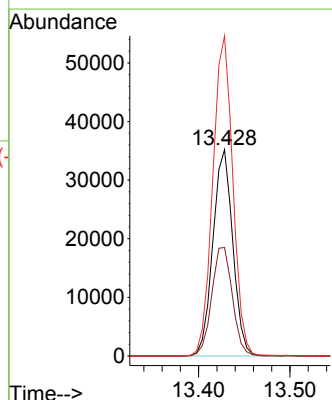
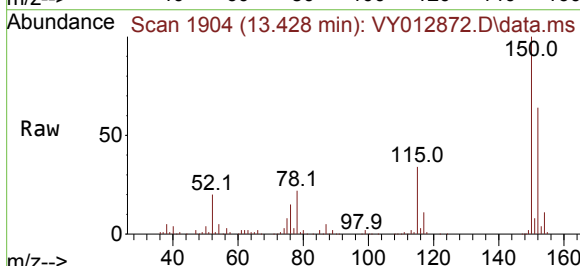
Tgt Ion:152 Resp: 53346

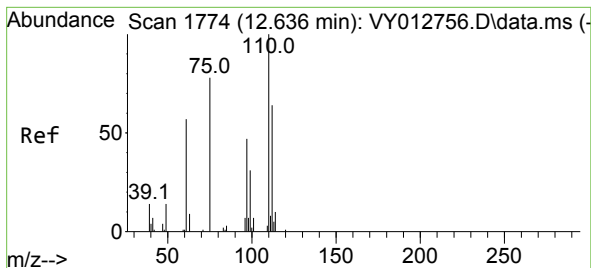
Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 156.5 0.0 347.8

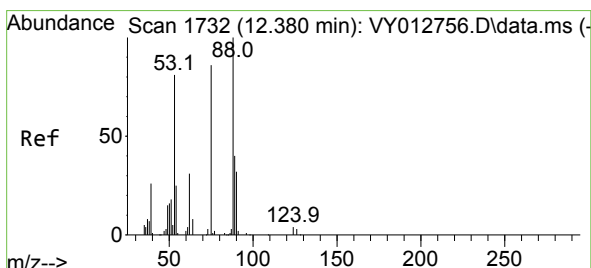
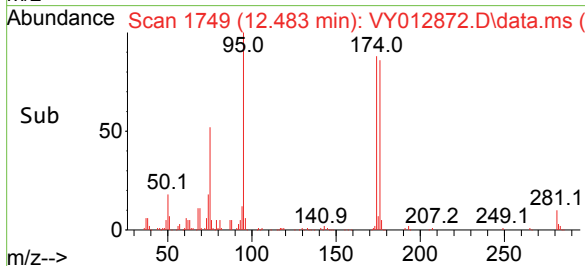
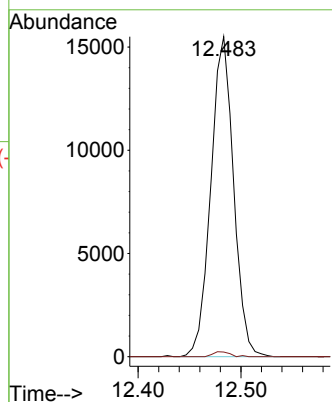
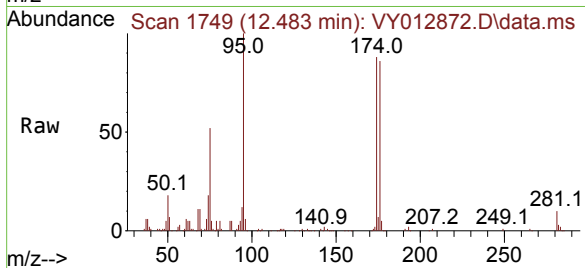




#76
1,2,3-Trichloropropane
Concen: 37.444 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

Instrument :
MSVOA_Y
ClientSampleId :
SS-02-20230306

Tgt Ion: 75 Resp: 23853
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012872.D
Acq: 08 Mar 2023 15:39

Tgt Ion: 75 Resp: 23853
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

