

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012654.D
 Acq On : 17 Feb 2023 16:29
 Operator : KP/MD
 Sample : 01586-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

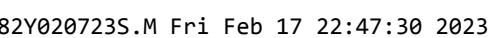
Quant Time: Feb 17 22:47:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

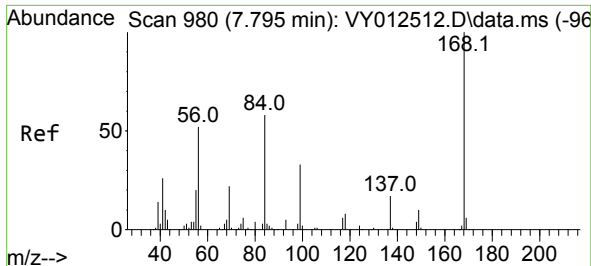
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	146731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87005	46.630	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.260%
35) Dibromofluoromethane	7.716	113	56850	31.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	63.660%
50) Toluene-d8	10.179	98	292040	39.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.580%
62) 4-Bromofluorobenzene	12.477	95	103766	40.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.040%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	50	Below Cal	#	3
11) Tert butyl alcohol	4.960	59	179	Below Cal	#	75
16) Acetone	3.942	43	14918	33.219	ug/l	96
20) Methylene Chloride	4.710	84	4845	Below Cal		97
25) 2-Butanone	6.984	43	2186	4.387	ug/l	92
31) Cyclohexane	7.783	56	2412	1.118	ug/l	# 24
36) 1,1-Dichloropropene	7.783	75	9192	3.803	ug/l	# 51
37) Ethyl Acetate	6.984	43	2186	2.004	ug/l	# 55
38) Carbon Tetrachloride	7.789	117	14099	4.345	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	56129	40.470	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	56129	91.263	ug/l	# 12

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

Quant Time: Feb 17 22:47:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 18:08:19 2023
Response via : Initial Calibration

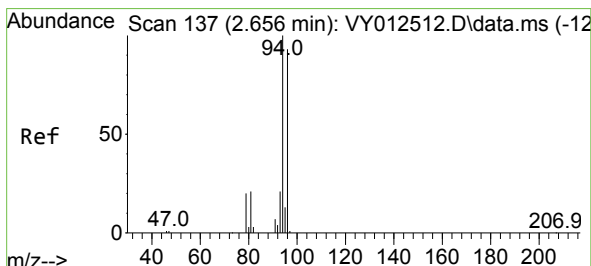
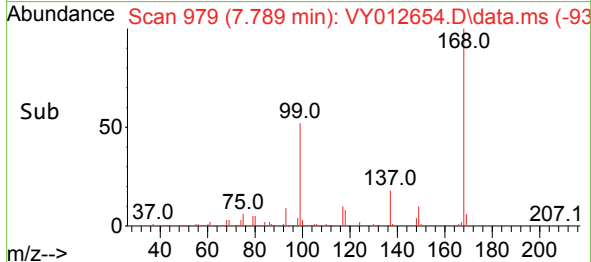
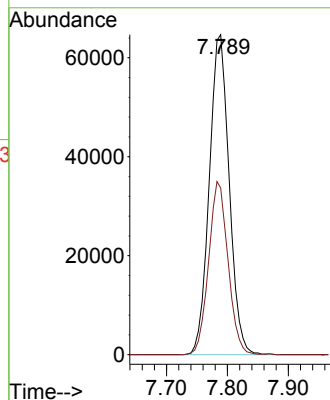
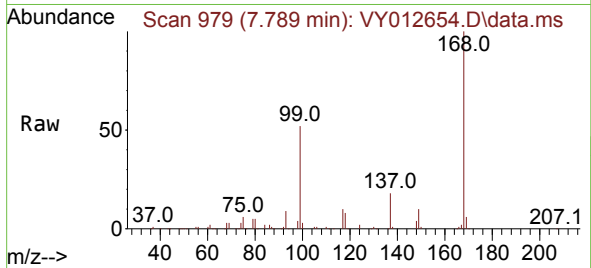




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

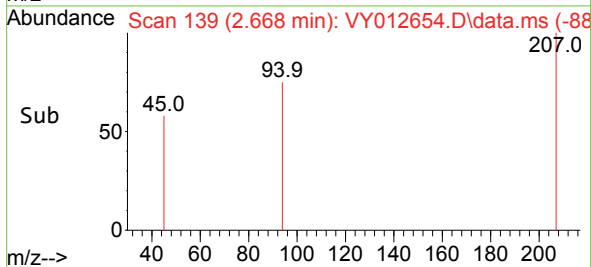
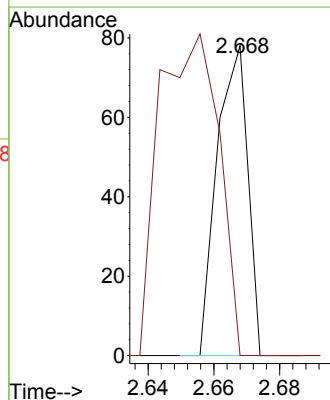
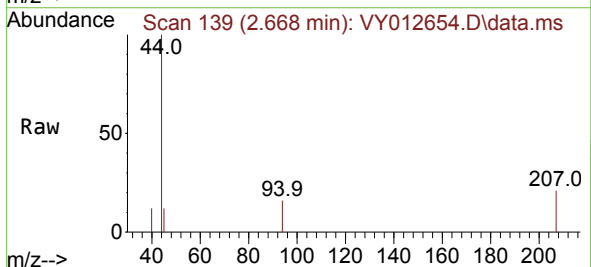
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

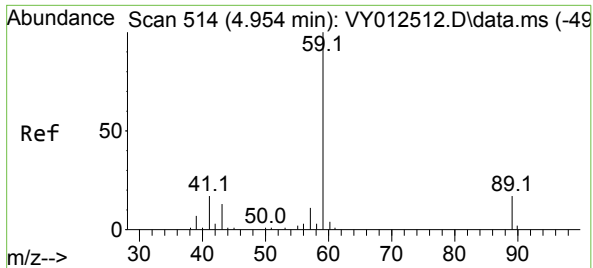
Tgt Ion:168 Resp: 146731
Ion Ratio Lower Upper
168 100
99 52.1 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion: 94 Resp: 50
Ion Ratio Lower Upper
94 100
96 0.0 74.7 112.1#

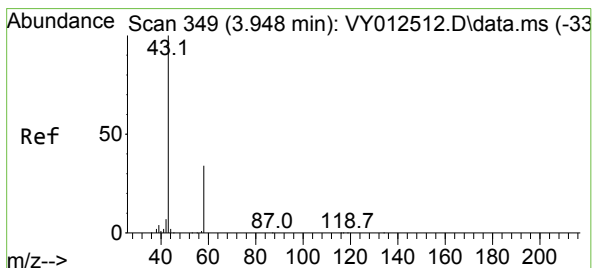
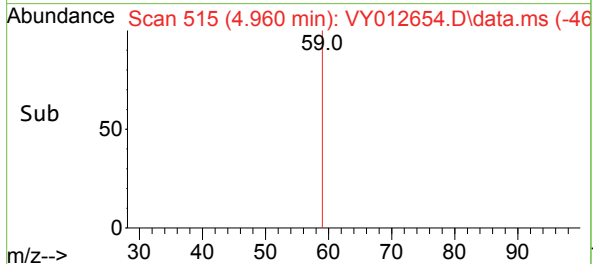
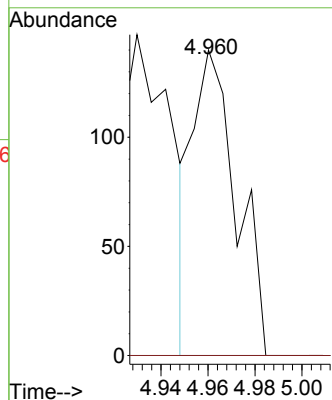
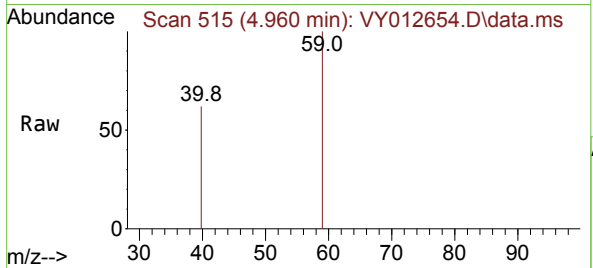




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

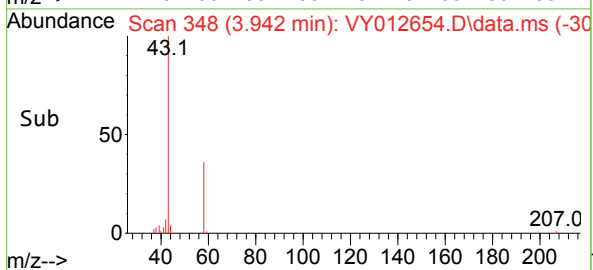
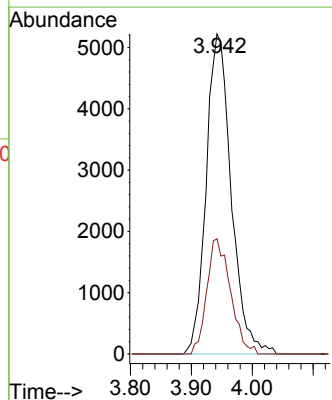
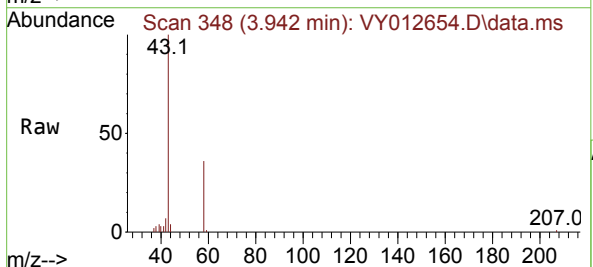
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

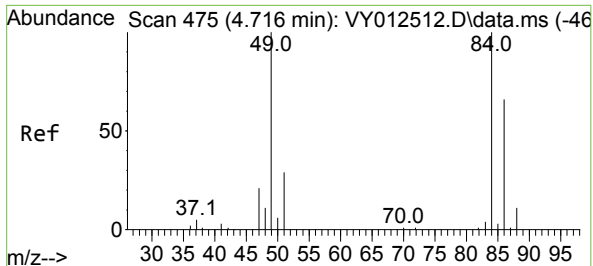
Tgt Ion: 59 Resp: 179
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 33.219 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion: 43 Resp: 14918
Ion Ratio Lower Upper
43 100
58 36.0 27.1 40.7

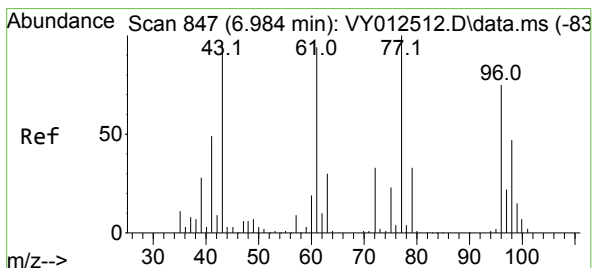
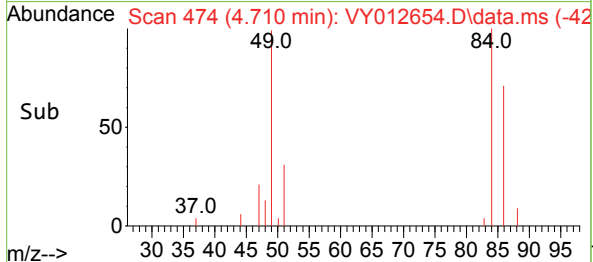
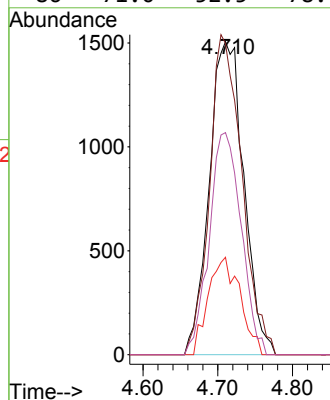
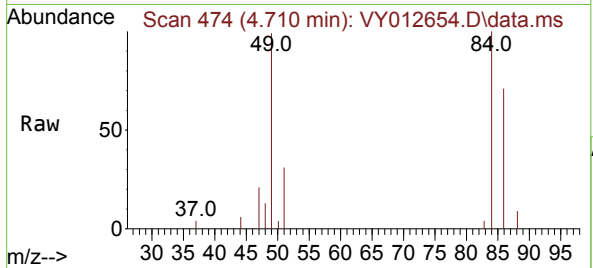




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

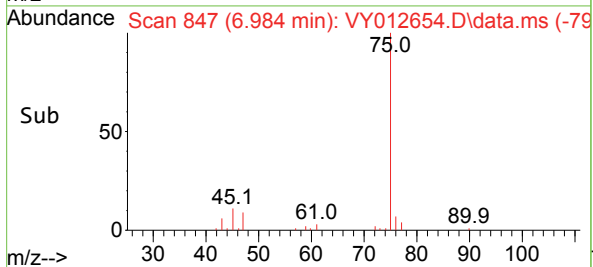
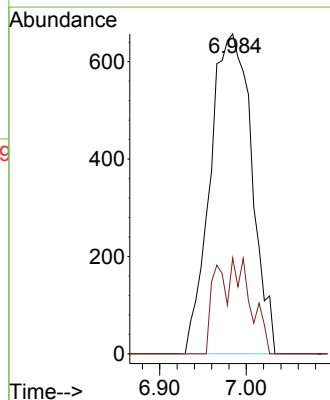
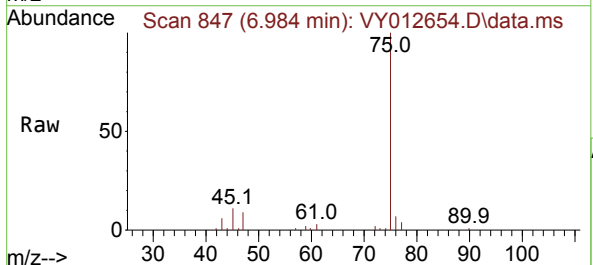
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

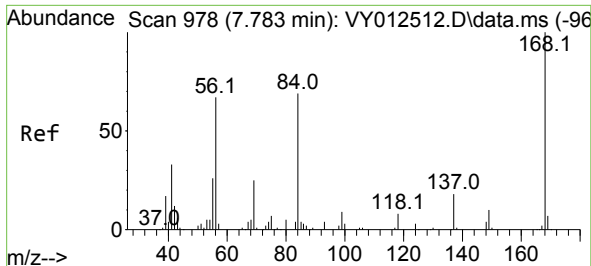
Tgt Ion: 84	Resp: 4845
Ion Ratio	Lower Upper
84 100	
49 99.5	79.8 119.6
51 31.1	23.4 35.2
86 71.0	52.5 78.7



#25
2-Butanone
Concen: 4.387 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion: 43	Resp: 2186
Ion Ratio	Lower Upper
43 100	
72 30.0	27.4 41.2

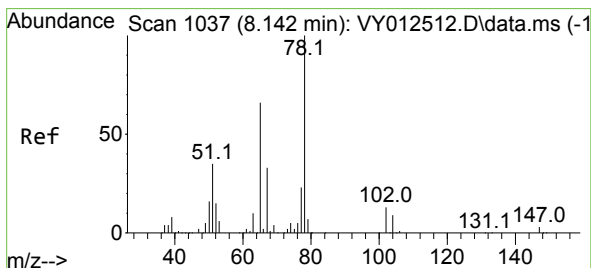
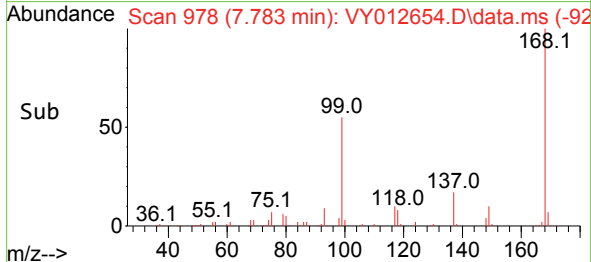
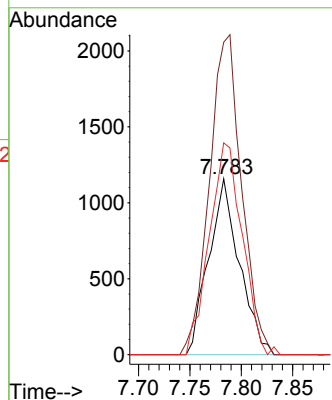
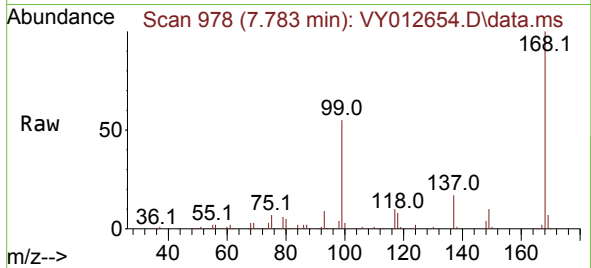




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

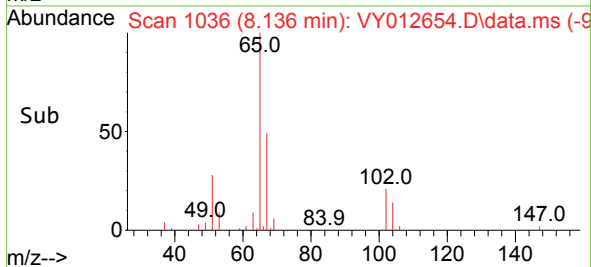
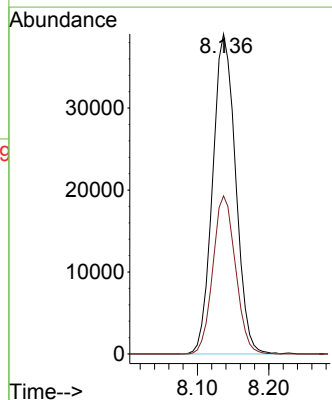
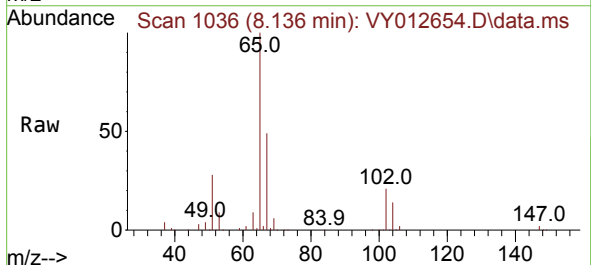
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

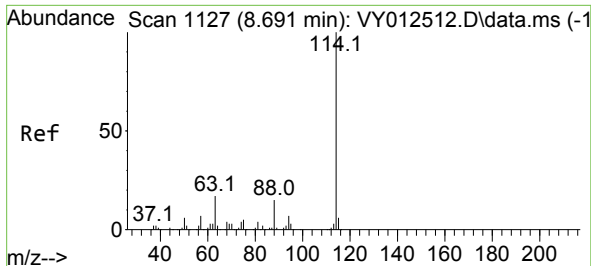
Tgt Ion: 56 Resp: 2412
Ion Ratio Lower Upper
56 100
69 177.7 29.5 44.3#
84 120.5 81.9 122.9



#33
1,2-Dichloroethane-d4
Concen: 46.630 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion: 65 Resp: 87005
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.6

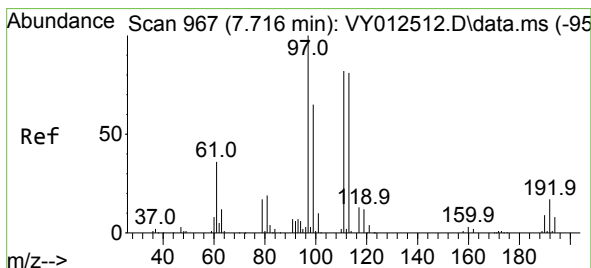
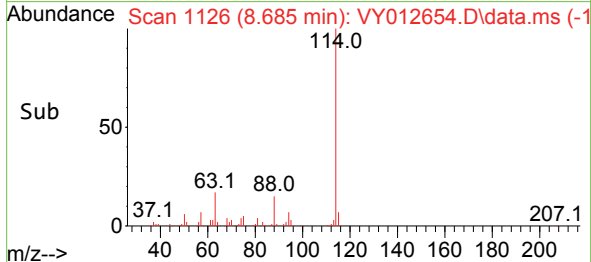
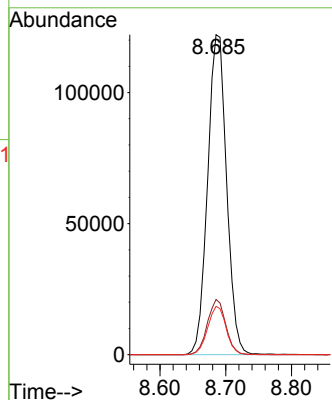
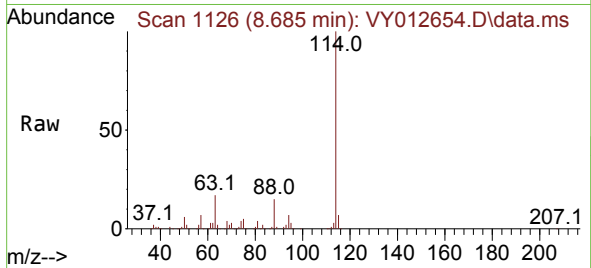




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

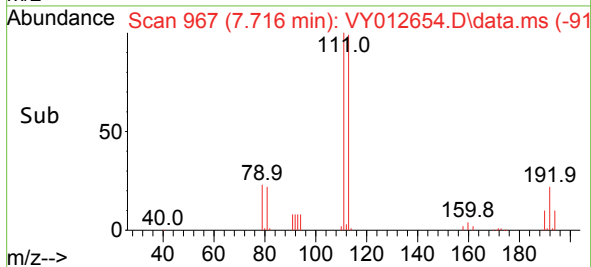
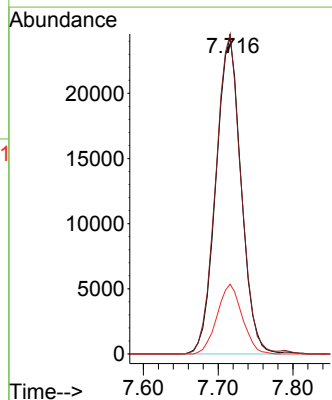
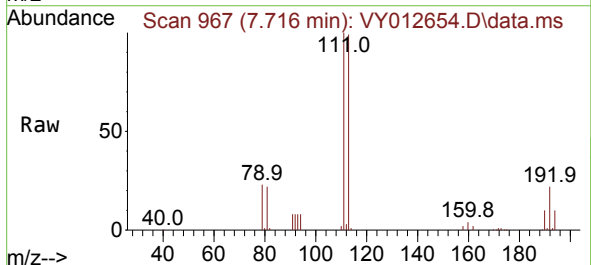
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

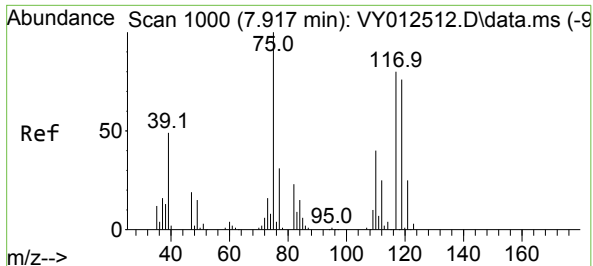
Tgt Ion:114 Resp: 245241
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.6
88 15.1 0.0 29.8



#35
Dibromofluoromethane
Concen: 31.831 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion:113 Resp: 56850
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 21.9 17.5 26.3

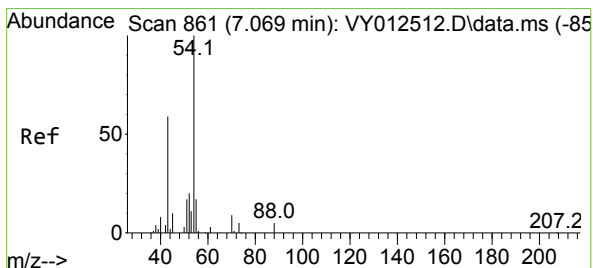
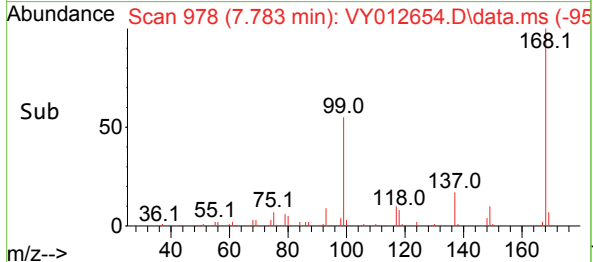
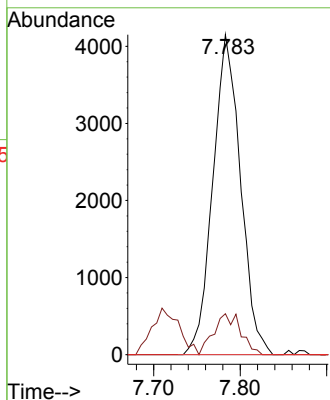
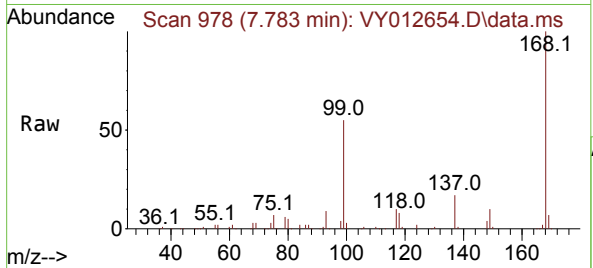




#36
1,1-Dichloropropene
Concen: 3.803 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

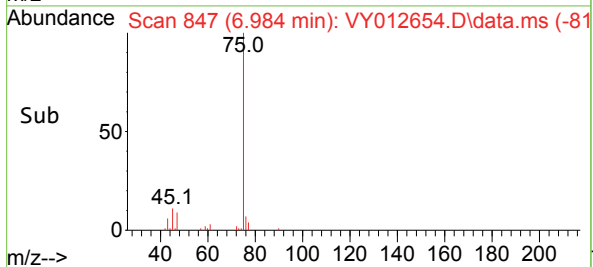
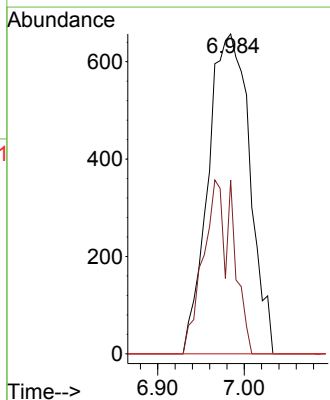
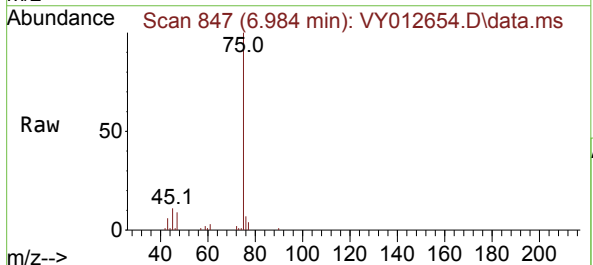
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

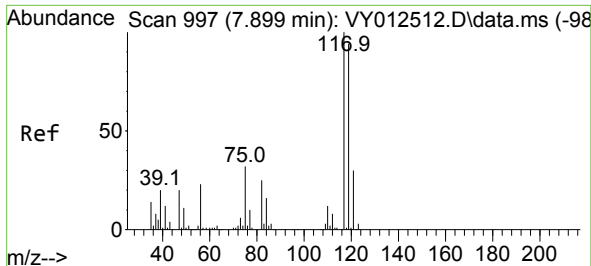
Tgt Ion: 75 Resp: 9192
Ion Ratio Lower Upper
75 100
110 12.6 19.5 58.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 2.004 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion: 43 Resp: 2186
Ion Ratio Lower Upper
43 100
61 38.9 12.5 18.7#
70 0.0 11.0 16.4#

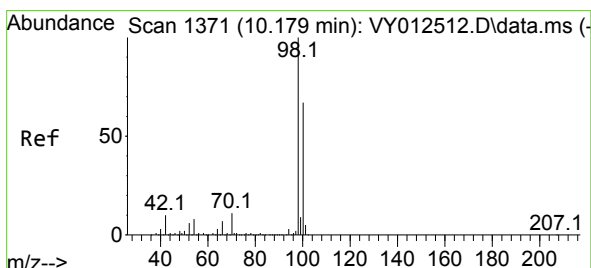
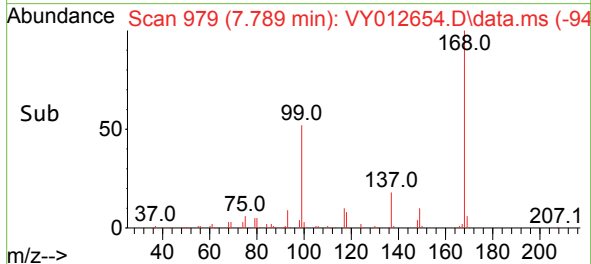
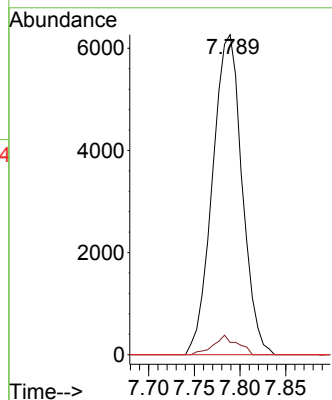
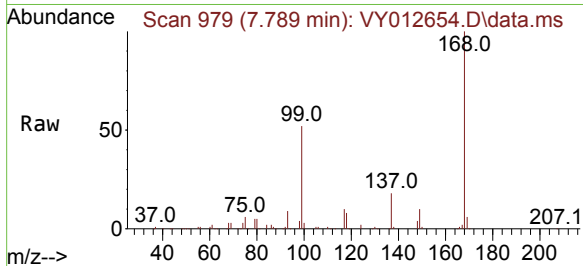




#38
Carbon Tetrachloride
Concen: 4.345 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

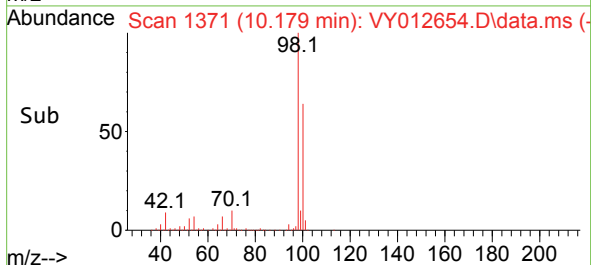
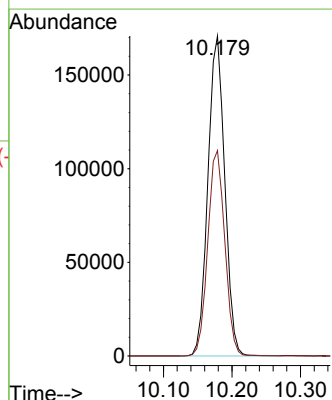
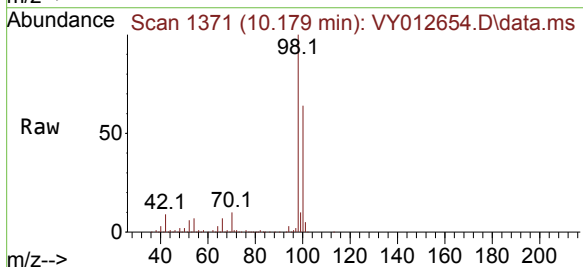
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

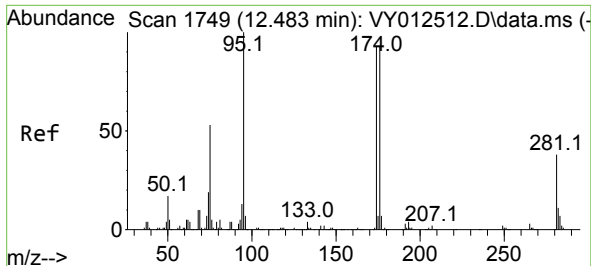
Tgt Ion:117 Resp: 14099
Ion Ratio Lower Upper
117 100
119 3.8 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 39.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion: 98 Resp: 292040
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

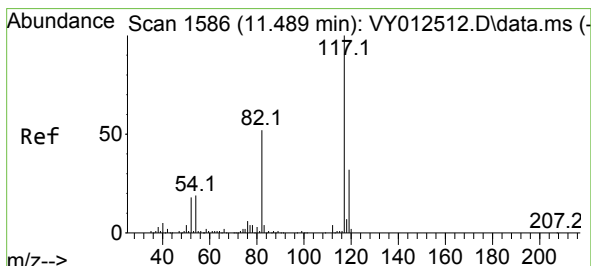
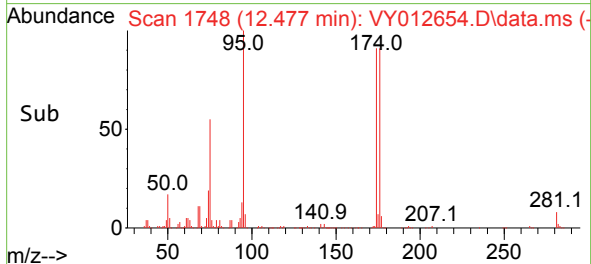
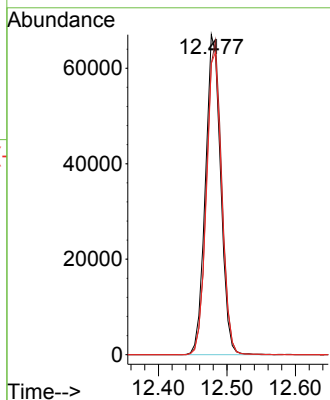
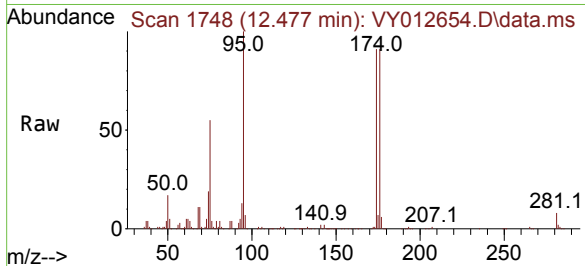




#62
4-Bromofluorobenzene
Concen: 40.019 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

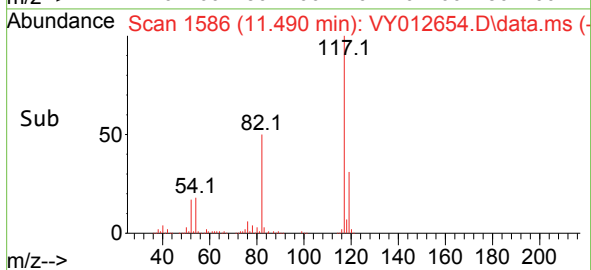
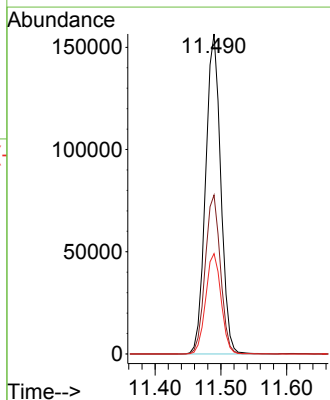
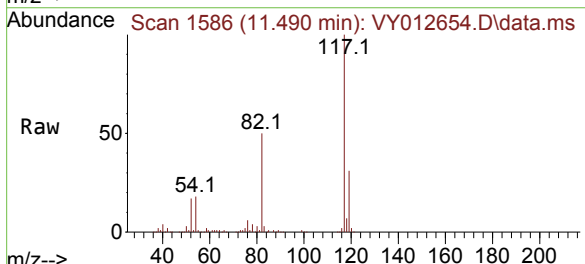
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

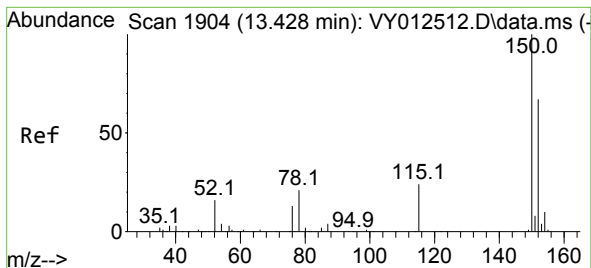
Tgt Ion: 95 Resp: 103766
Ion Ratio Lower Upper
95 100
174 98.1 0.0 188.0
176 94.9 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012654.D
Acq: 17 Feb 2023 16:29

Tgt Ion: 117 Resp: 251071
Ion Ratio Lower Upper
117 100
82 49.7 41.7 62.5
119 31.4 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY012654.D

Acq: 17 Feb 2023 16:29

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

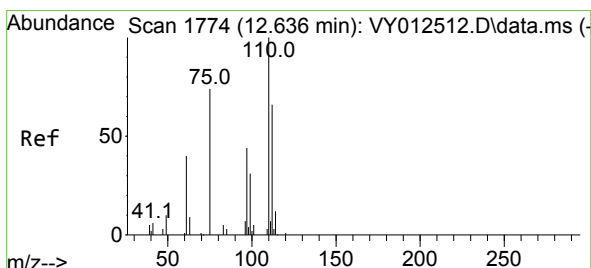
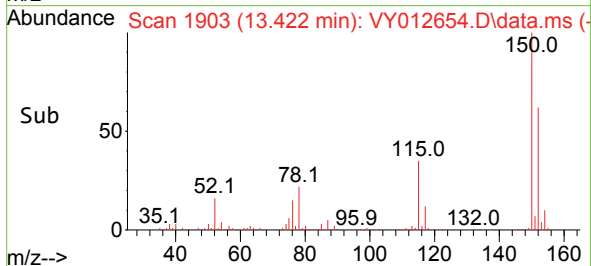
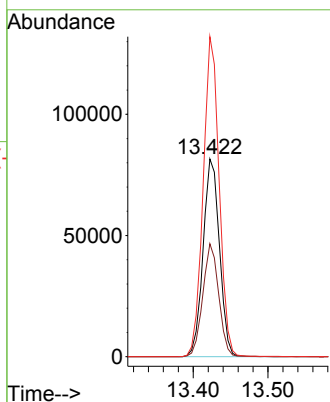
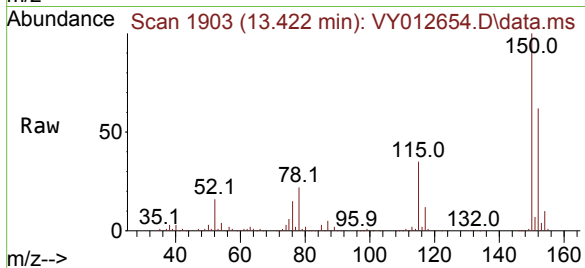
Tgt Ion:152 Resp: 124138

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 158.0 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 40.470 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY012654.D

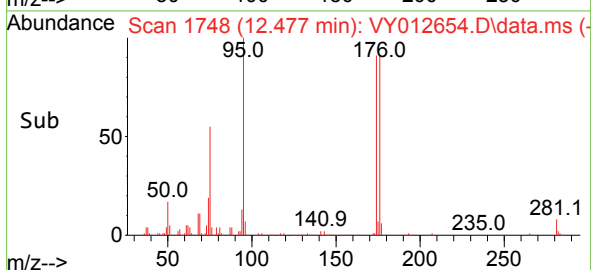
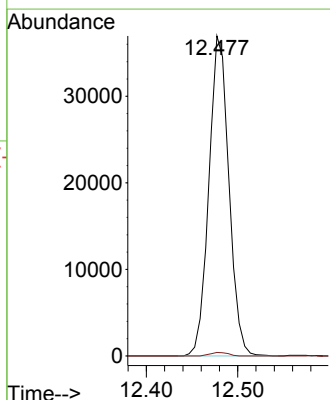
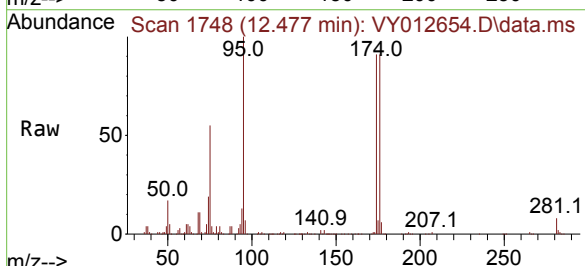
Acq: 17 Feb 2023 16:29

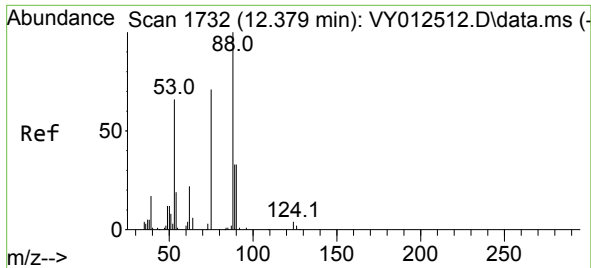
Tgt Ion: 75 Resp: 56129

Ion Ratio Lower Upper

75 100

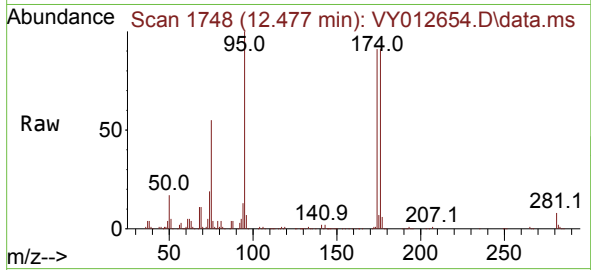
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.263 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY012654.D
 Acq: 17 Feb 2023 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1



Tgt Ion: 75 Resp: 56129
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.1 109.7#
 89 0.0 39.9 59.9#

