

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012652.D
 Acq On : 17 Feb 2023 15:42
 Operator : KP/MD
 Sample : 01595-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-655-2

Quant Time: Feb 17 22:46:21 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)

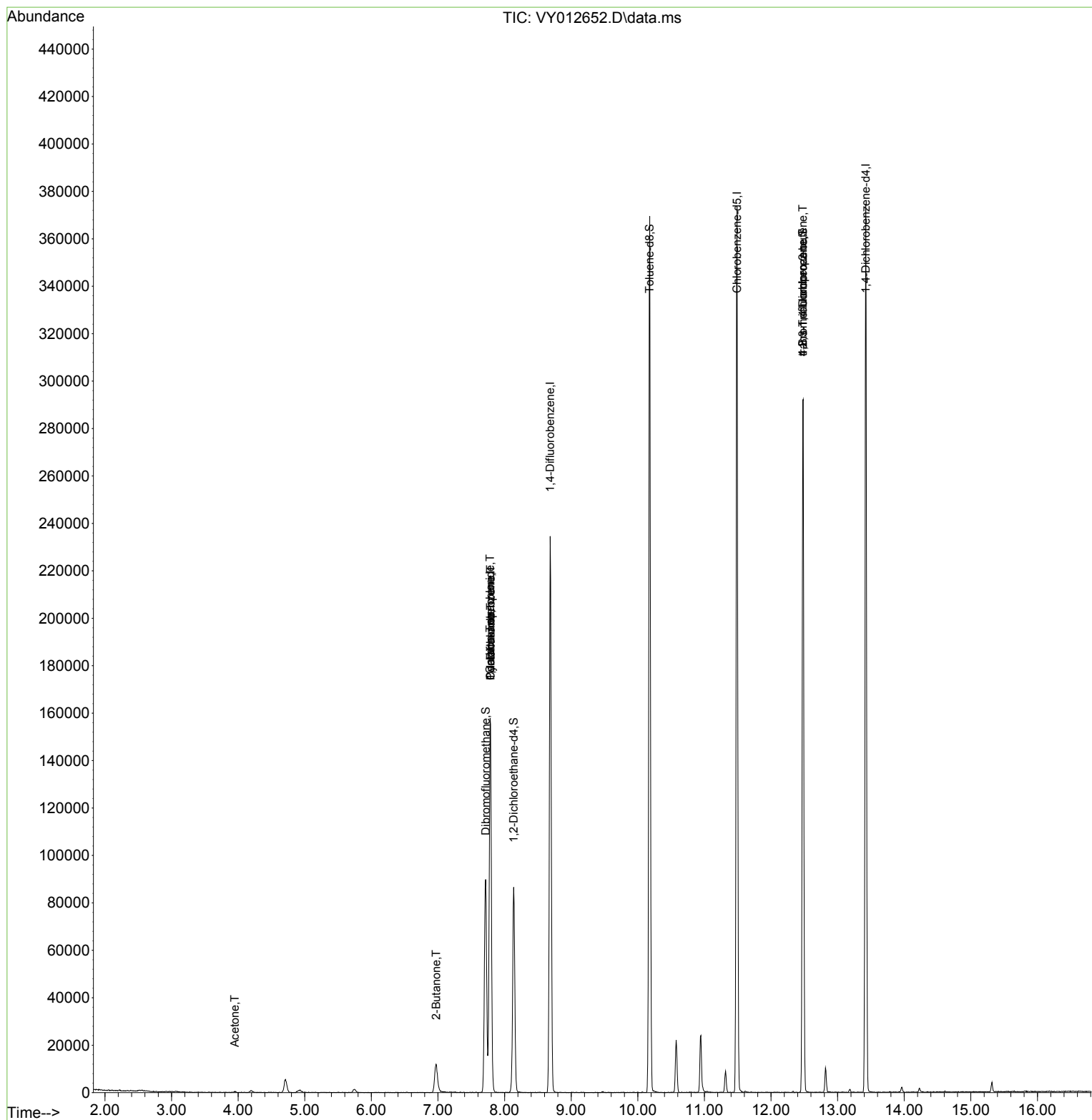
Internal Standards						
1) Pentafluorobenzene	7.789	168	128604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	209972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71505	43.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.440%
35) Dibromofluoromethane	7.716	113	61245	40.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.960%
50) Toluene-d8	10.179	98	246716	39.182	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.360%
62) 4-Bromofluorobenzene	12.477	95	82503	37.564	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	1329	Below Cal	#	75
16) Acetone	3.948	43	499	1.268	ug/l	98
20) Methylene Chloride	4.710	84	4470	Below Cal		95
25) 2-Butanone	6.972	43	551	1.262	ug/l #	40
31) Cyclohexane	7.789	56	2047	1.083	ug/l #	28
36) 1,1-Dichloropropene	7.789	75	8086	3.949	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12287	4.471	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	44973	39.456	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44973	88.975	ug/l #	12

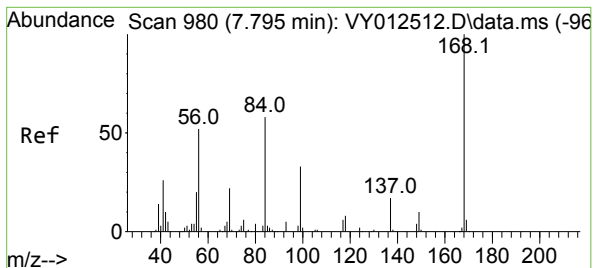
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
Data File : VY012652.D
Acq On : 17 Feb 2023 15:42
Operator : KP/MD
Sample : 01595-05
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-655-2

Quant Time: Feb 17 22:46:21 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: VY012652.D

Acq: 17 Feb 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

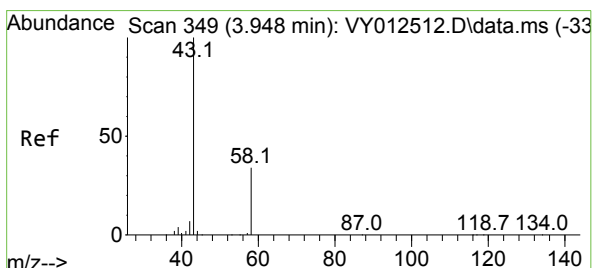
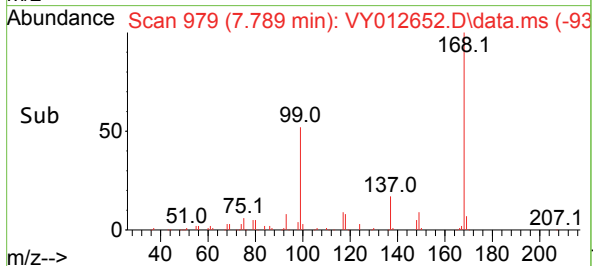
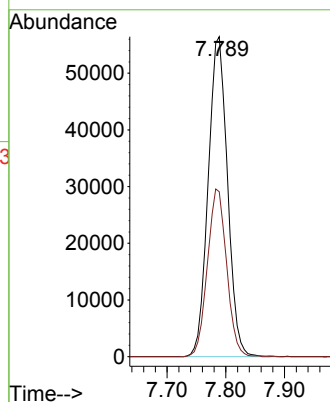
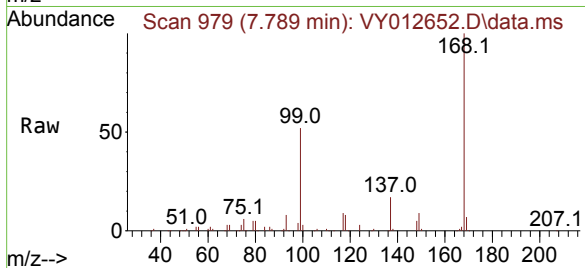
S-655-2

Tgt Ion:168 Resp: 128604

Ion Ratio Lower Upper

168 100

99 51.5 40.8 61.2



#16

Acetone

Concen: 1.268 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY012652.D

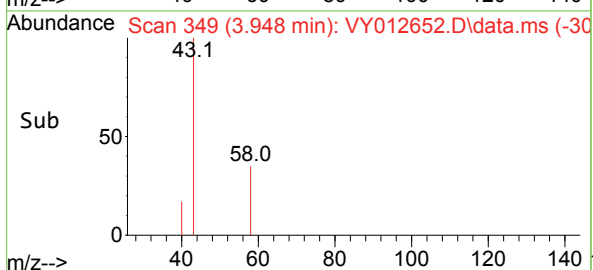
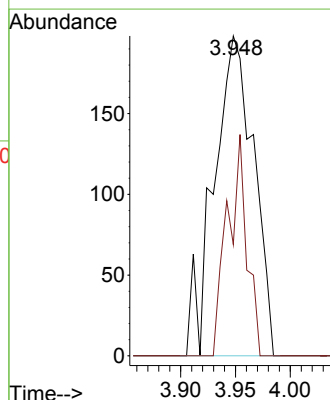
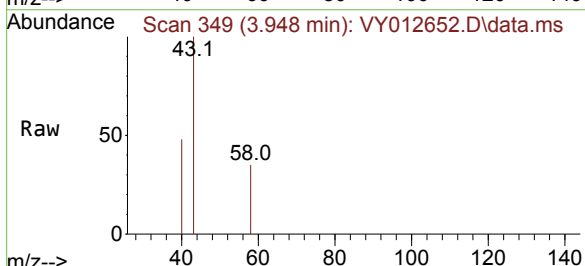
Acq: 17 Feb 2023 15:42

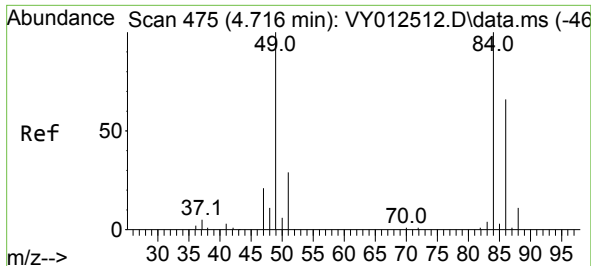
Tgt Ion: 43 Resp: 499

Ion Ratio Lower Upper

43 100

58 34.8 27.1 40.7



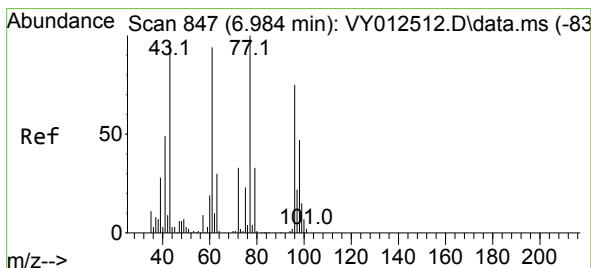
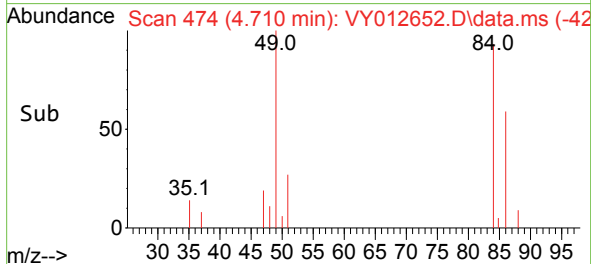
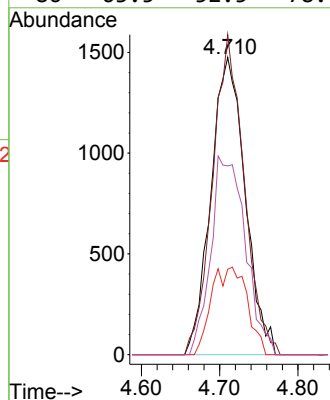
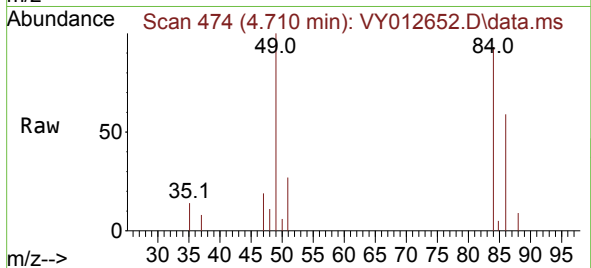


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :
S-655-2

Tgt Ion: 84 Resp: 4470

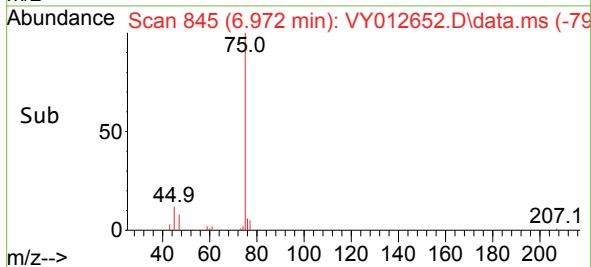
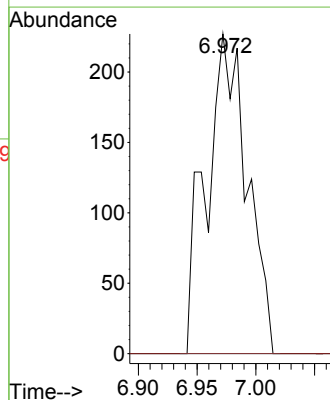
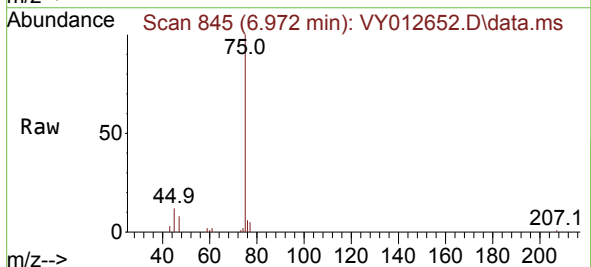
Ion	Ratio	Lower	Upper
84	100		
49	107.7	79.8	119.6
51	28.7	23.4	35.2
86	63.5	52.5	78.7

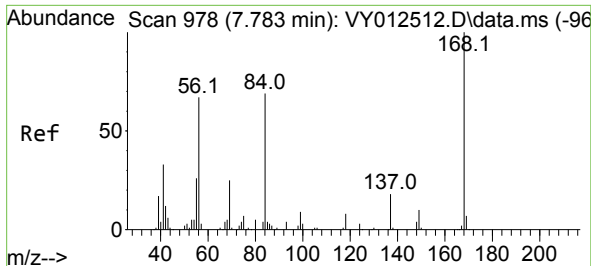


#25
2-Butanone
Concen: 1.262 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

Tgt Ion: 43 Resp: 551

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.4	41.2#

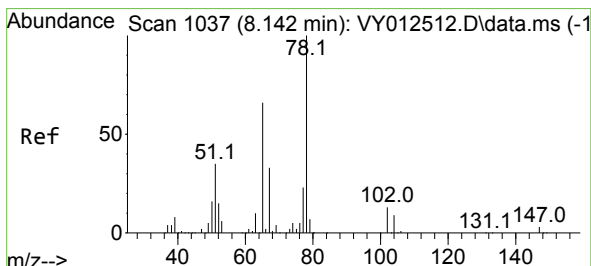
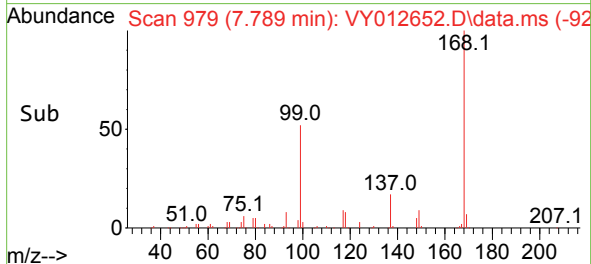
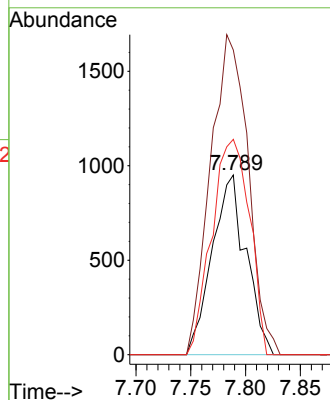
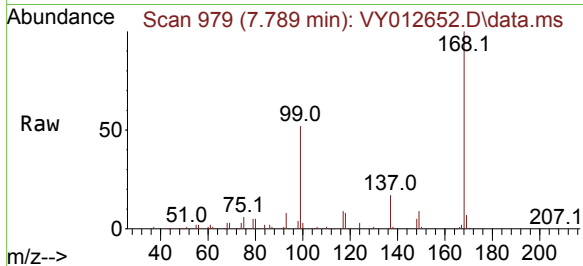




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

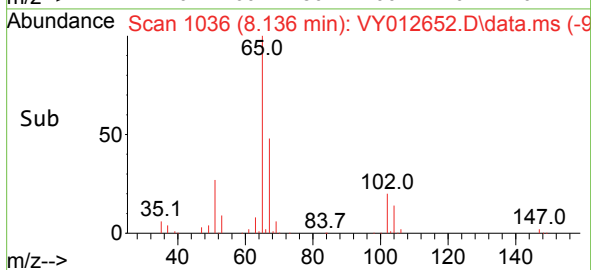
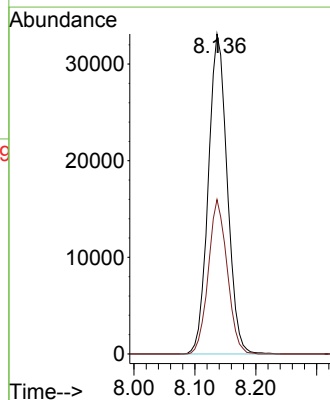
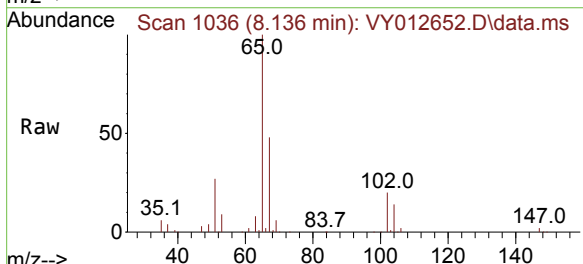
Instrument :
MSVOA_Y
ClientSampleId :
S-655-2

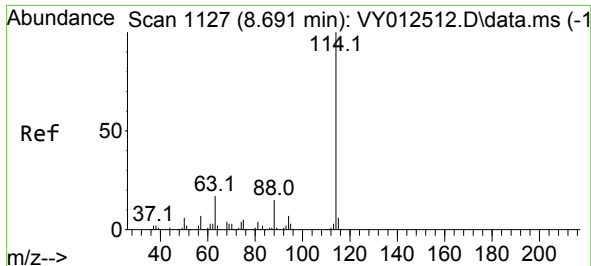
Tgt Ion: 56 Resp: 2047
Ion Ratio Lower Upper
56 100
69 169.6 29.5 44.3#
84 119.9 81.9 122.9



#33
1,2-Dichloroethane-d4
Concen: 43.724 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

Tgt Ion: 65 Resp: 71505
Ion Ratio Lower Upper
65 100
67 48.1 0.0 98.6

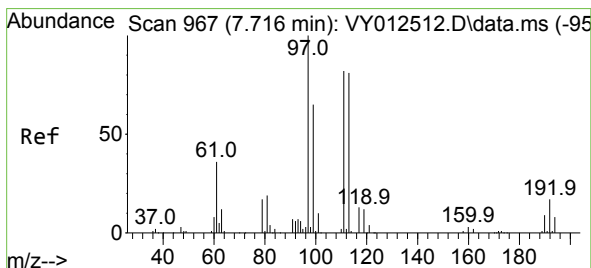
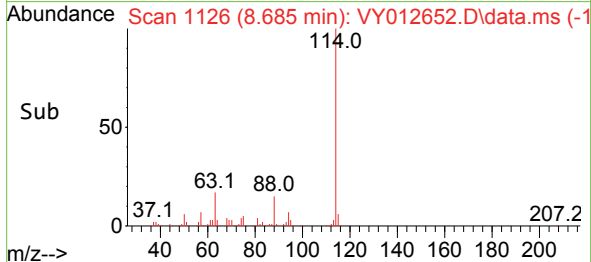
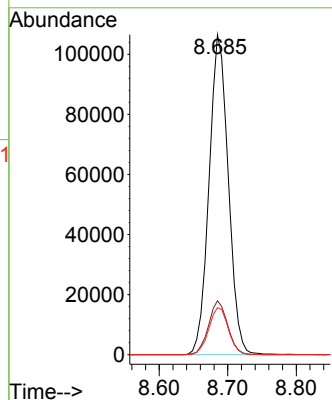
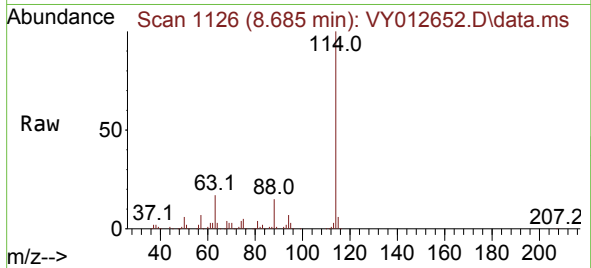




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

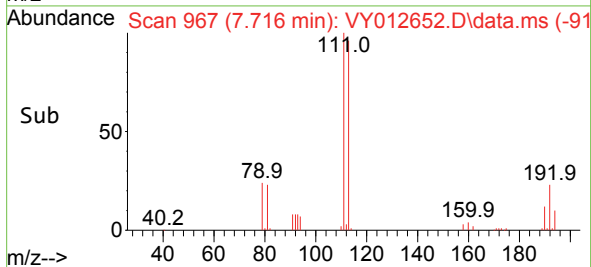
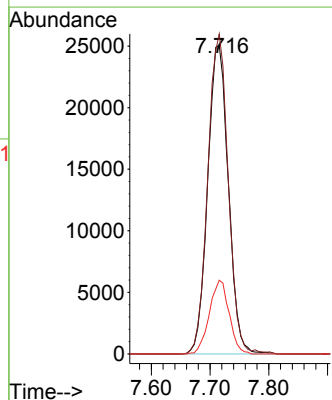
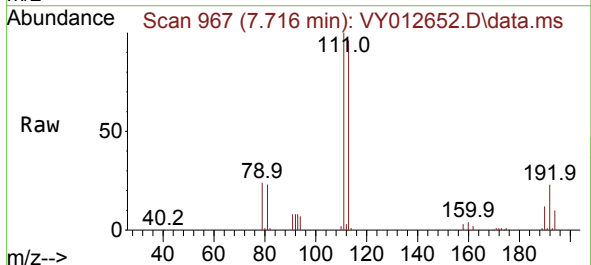
Instrument :
MSVOA_Y
ClientSampleId :
S-655-2

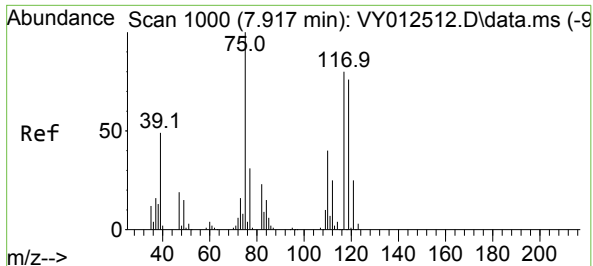
Tgt Ion:114 Resp: 207728
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.6
88 14.7 0.0 29.8



#35
Dibromofluoromethane
Concen: 40.485 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

Tgt Ion:113 Resp: 61245
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 22.8 17.5 26.3

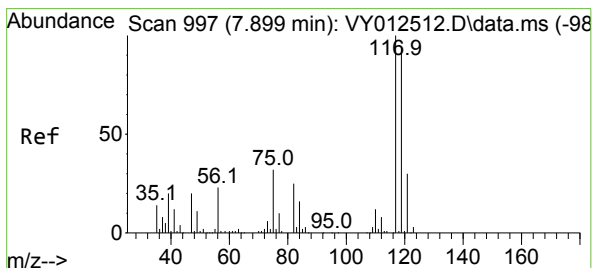
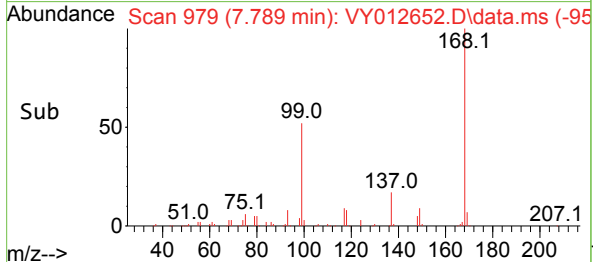
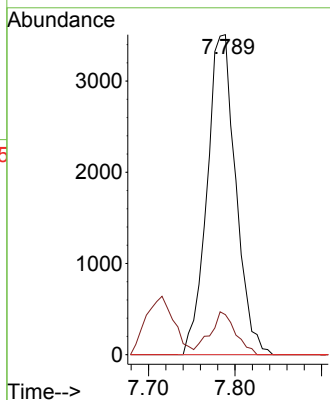
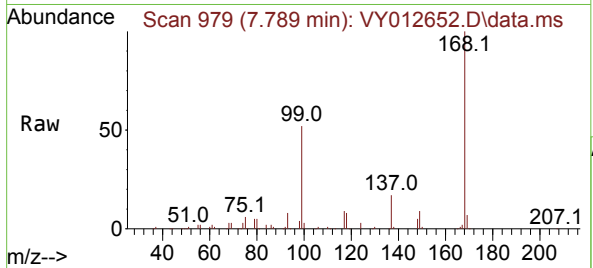




#36
 1,1-Dichloropropene
 Concen: 3.949 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY012652.D
 Acq: 17 Feb 2023 15:42

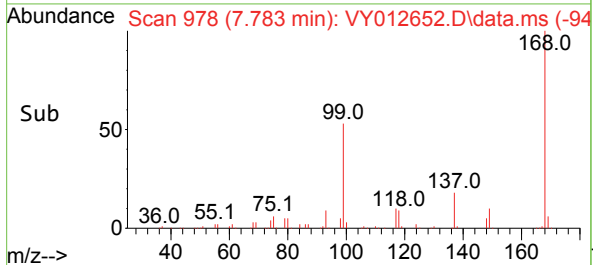
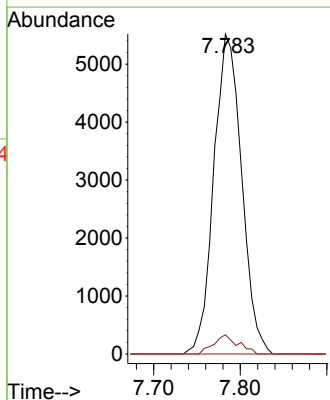
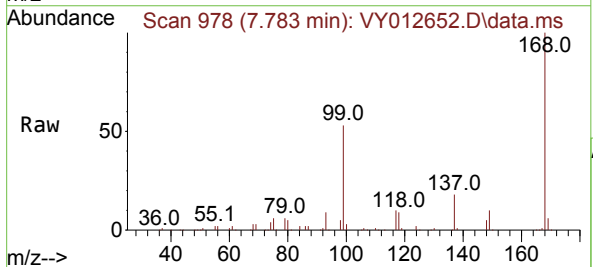
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-655-2

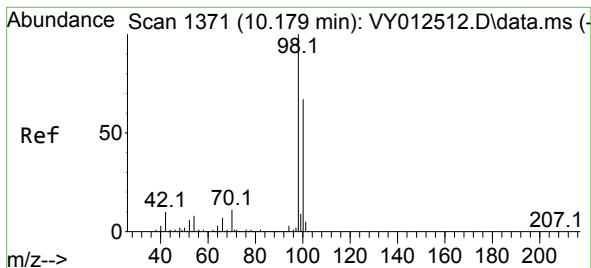
Tgt Ion: 75 Resp: 8086
 Ion Ratio Lower Upper
 75 100
 110 11.8 19.5 58.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.471 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY012652.D
 Acq: 17 Feb 2023 15:42

Tgt Ion: 117 Resp: 12287
 Ion Ratio Lower Upper
 117 100
 119 6.0 75.1 112.7#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 39.182 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012652.D

Acq: 17 Feb 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

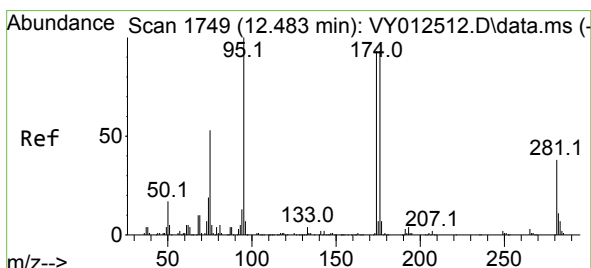
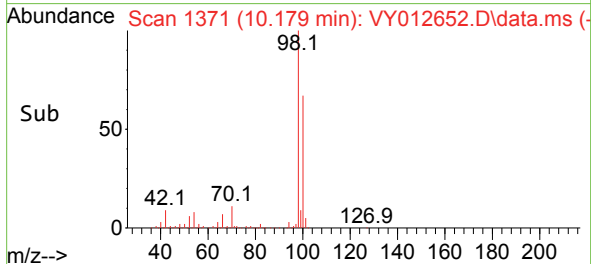
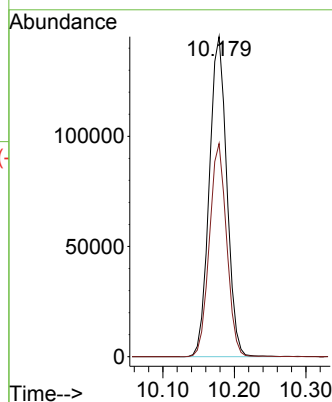
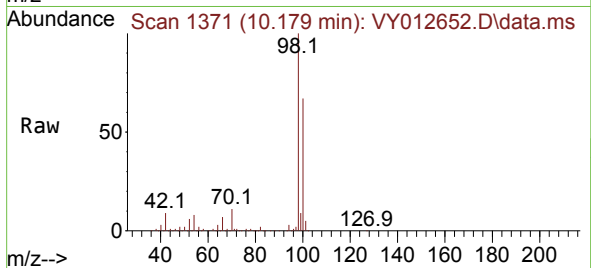
S-655-2

Tgt Ion: 98 Resp: 246716

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 37.564 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY012652.D

Acq: 17 Feb 2023 15:42

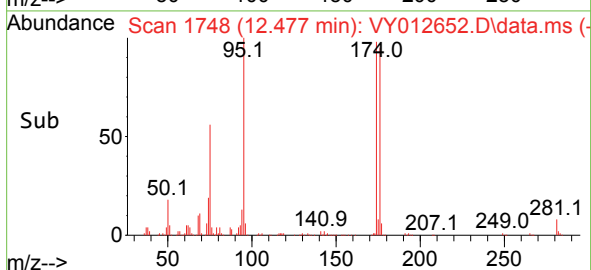
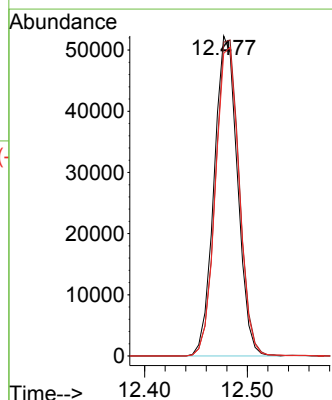
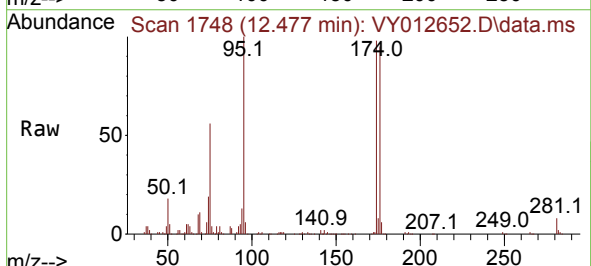
Tgt Ion: 95 Resp: 82503

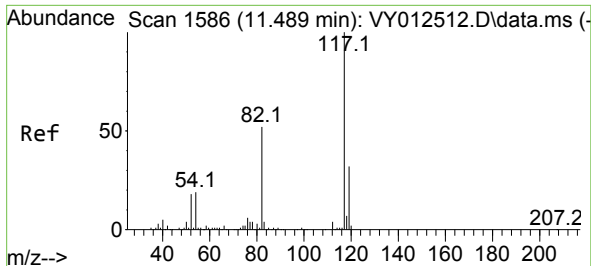
Ion Ratio Lower Upper

95 100

174 100.7 0.0 188.0

176 97.6 0.0 183.6

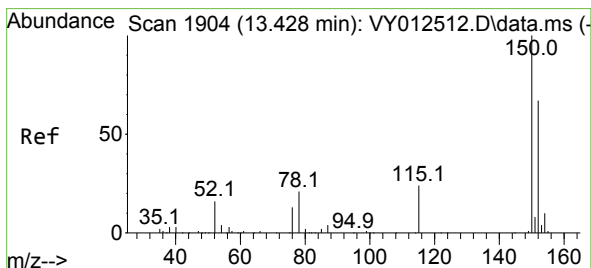
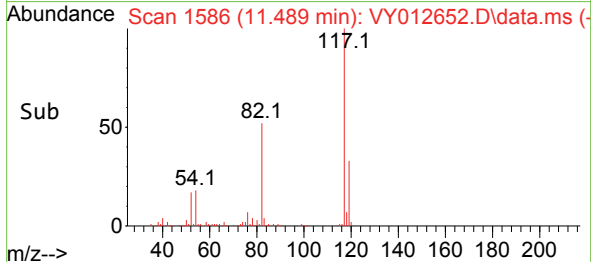
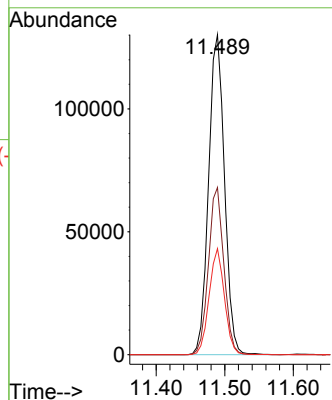
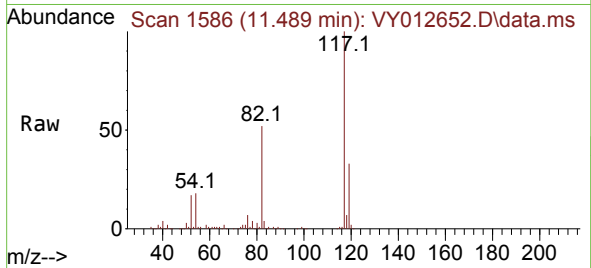




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

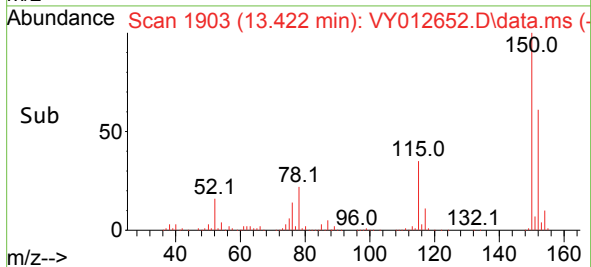
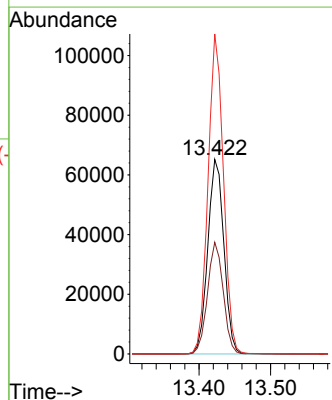
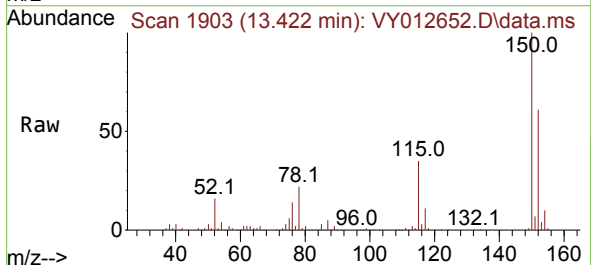
Instrument :
MSVOA_Y
ClientSampleId :
S-655-2

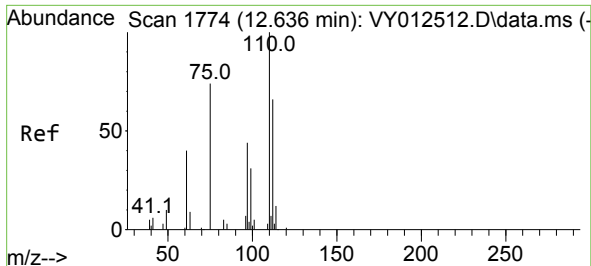
Tgt Ion:117 Resp: 209972
Ion Ratio Lower Upper
117 100
82 52.3 41.7 62.5
119 33.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

Tgt Ion:152 Resp: 102023
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.3
150 157.3 0.0 351.0

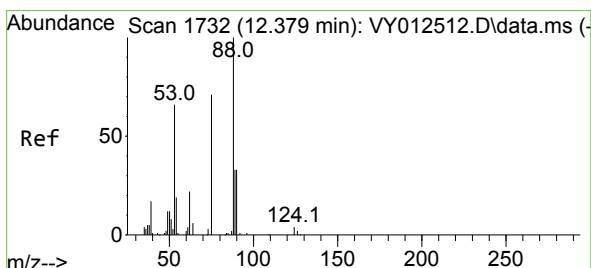
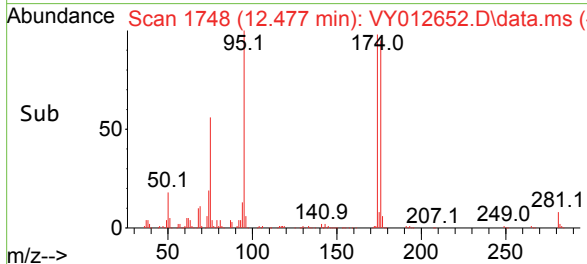
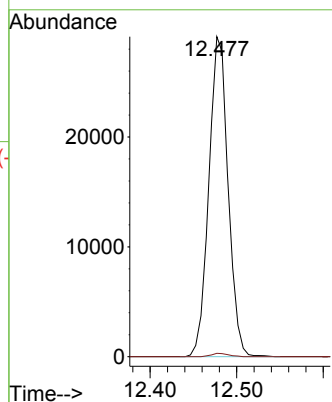
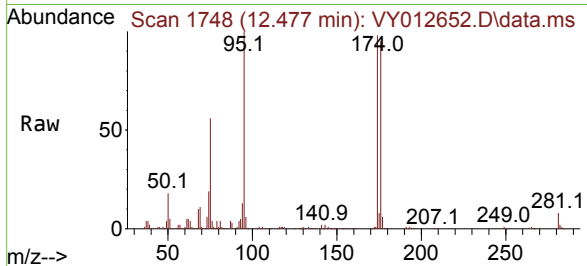




#76
1,2,3-Trichloropropane
Concen: 39.456 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :
S-655-2

Tgt Ion: 75 Resp: 44973
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.975 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY012652.D
Acq: 17 Feb 2023 15:42

Tgt Ion: 75 Resp: 44973
Ion Ratio Lower Upper
75 100
53 0.0 73.1 109.7#
89 0.0 39.9 59.9#

