

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012651.D
 Acq On : 17 Feb 2023 15:19
 Operator : KP/MD
 Sample : 01595-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-655-1

Quant Time: Feb 17 22:45:56 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)

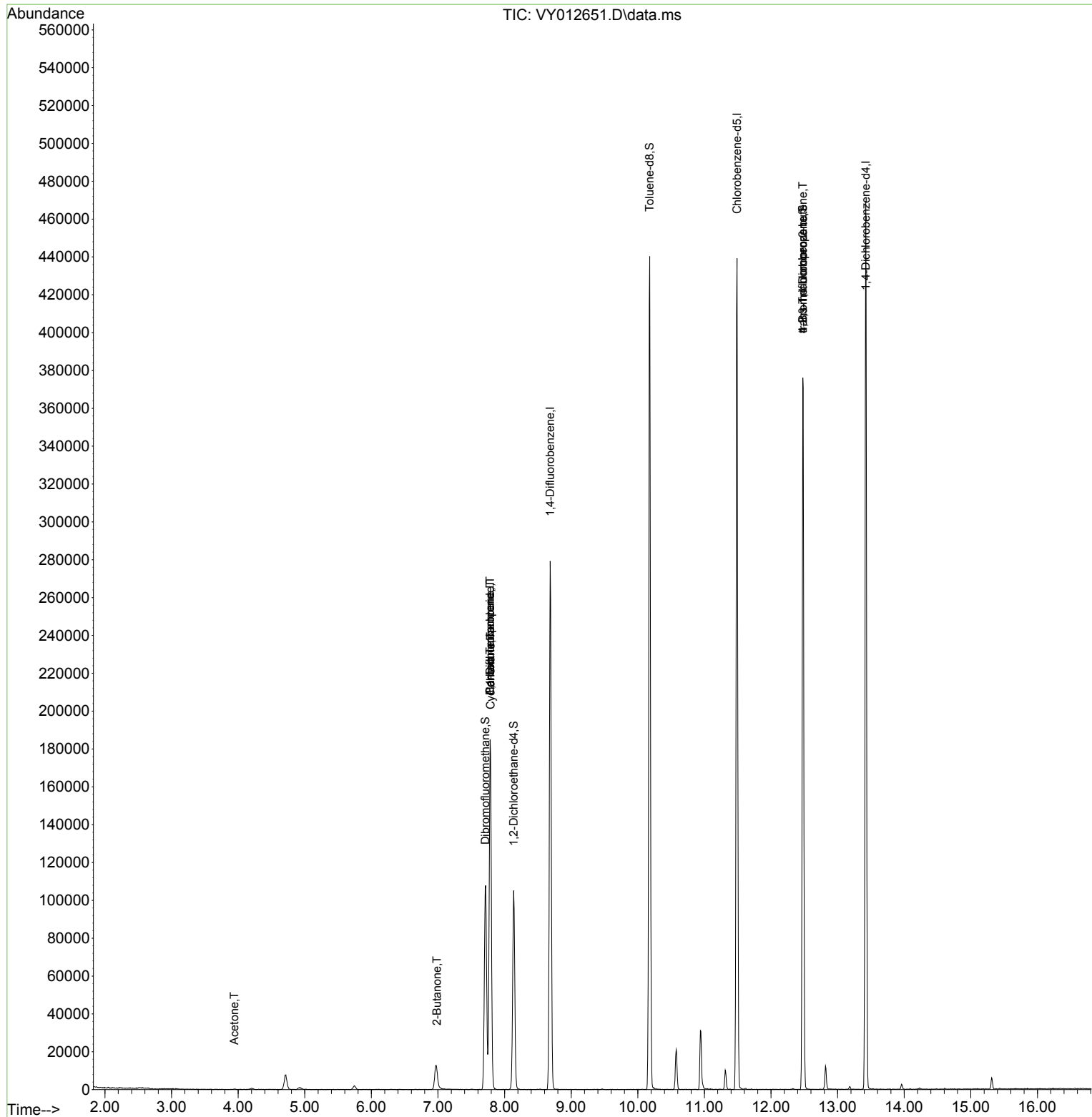
Internal Standards						
1) Pentafluorobenzene	7.783	168	149187	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	249121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	255568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88343	46.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.140%
35) Dibromofluoromethane	7.710	113	73410	40.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.920%
50) Toluene-d8	10.179	98	298410	39.517	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.040%
62) 4-Bromofluorobenzene	12.477	95	104652	39.732	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.460%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	19	Below Cal	#	20
11) Tert butyl alcohol	4.917	59	1341	Below Cal	#	75
16) Acetone	3.942	43	570	1.248	ug/l #	41
20) Methylene Chloride	4.716	84	6268	Below Cal		93
25) 2-Butanone	6.984	43	648	1.279	ug/l #	40
31) Cyclohexane	7.789	56	2509	1.144	ug/l #	33
36) 1,1-Dichloropropene	7.783	75	9780	3.983	ug/l #	49
38) Carbon Tetrachloride	7.783	117	14092	4.275	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	56074	39.246	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56074	88.502	ug/l #	12

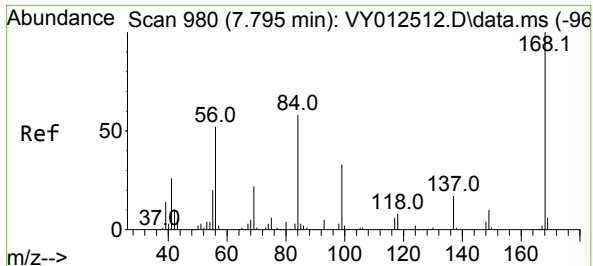
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
Data File : VY012651.D
Acq On : 17 Feb 2023 15:19
Operator : KP/MD
Sample : 01595-04
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-655-1

Quant Time: Feb 17 22:45:56 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

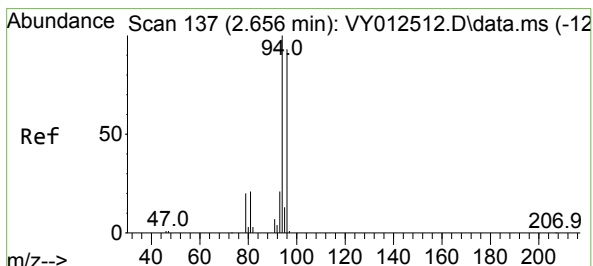
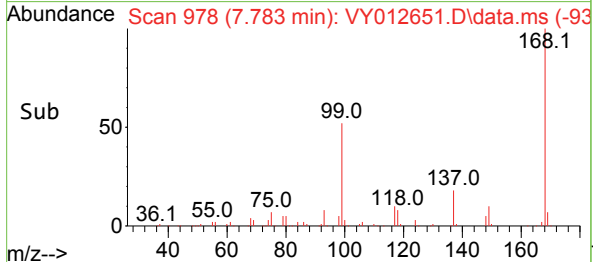
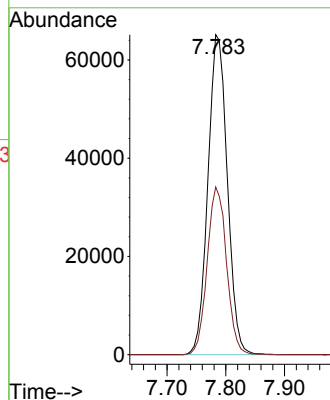
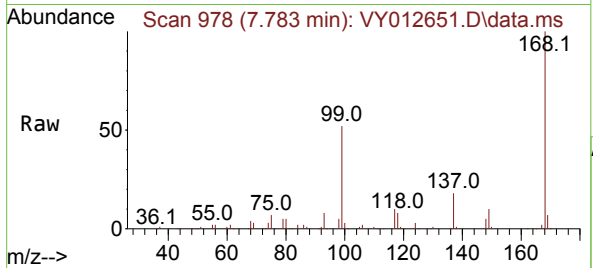




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

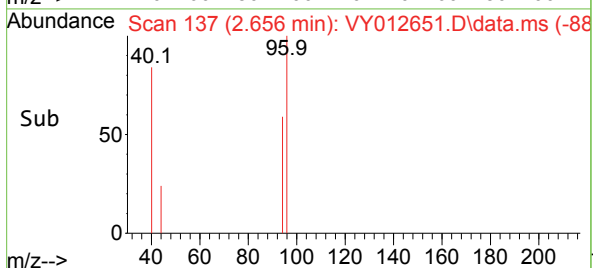
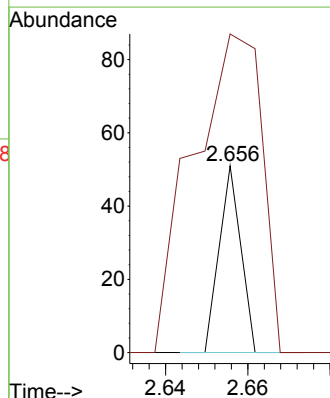
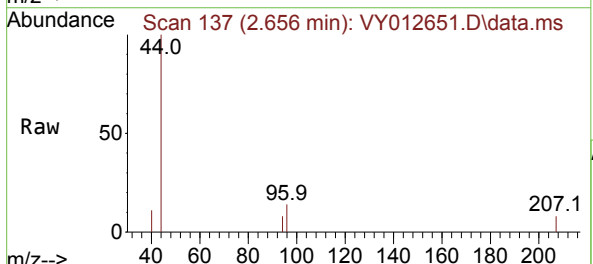
Instrument :
MSVOA_Y
ClientSampleId :
S-655-1

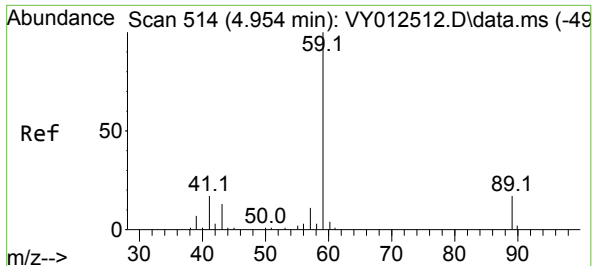
Tgt Ion:168 Resp: 149187
Ion Ratio Lower Upper
168 100
99 52.4 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 170.6 74.7 112.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.917 min Scan# 50

Delta R.T. -0.037 min

Lab File: VY012651.D

Acq: 17 Feb 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

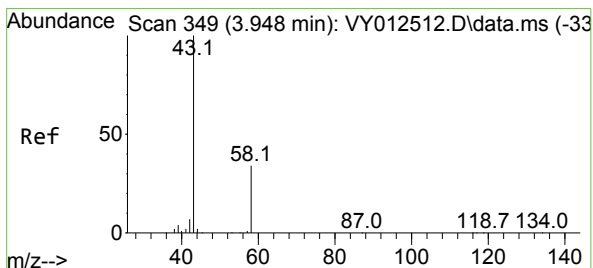
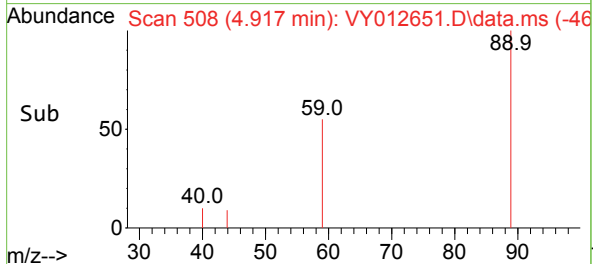
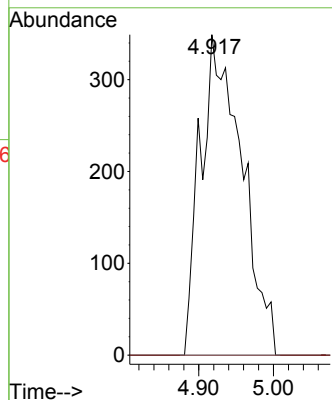
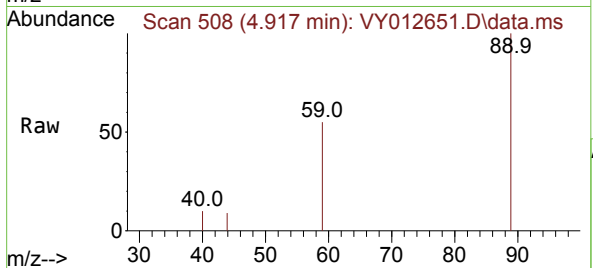
S-655-1

Tgt Ion: 59 Resp: 1341

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 1.248 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012651.D

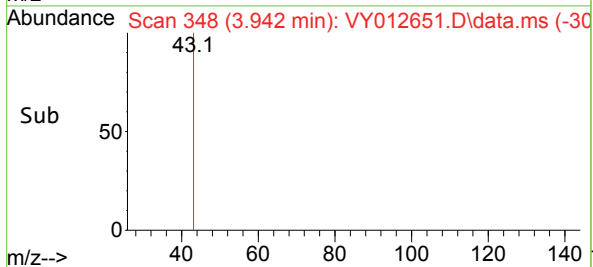
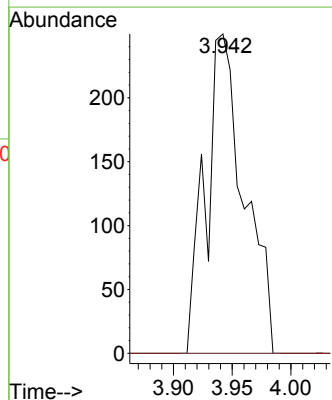
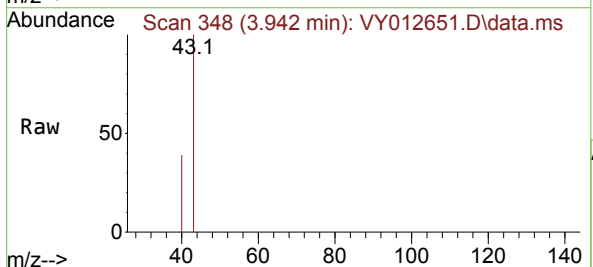
Acq: 17 Feb 2023 15:19

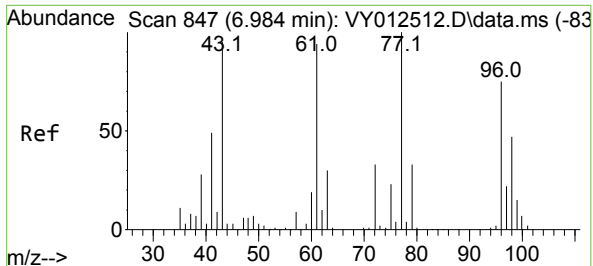
Tgt Ion: 43 Resp: 570

Ion Ratio Lower Upper

43 100

58 0.0 27.1 40.7#





#25

2-Butanone

Concen: 1.279 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012651.D

Acq: 17 Feb 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

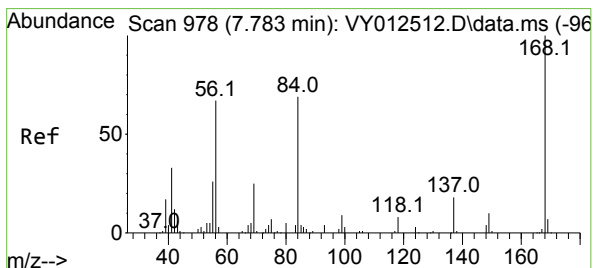
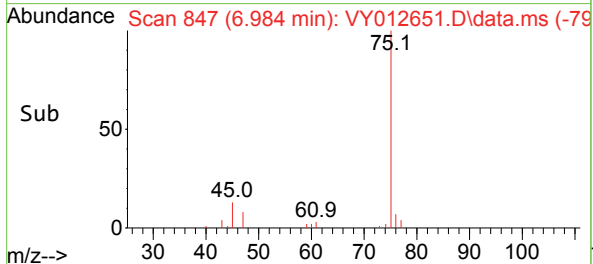
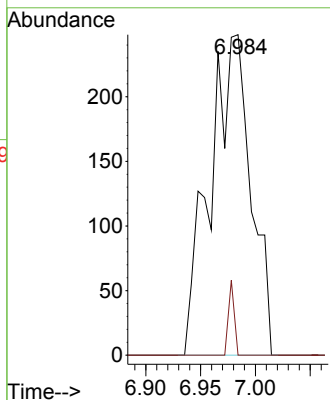
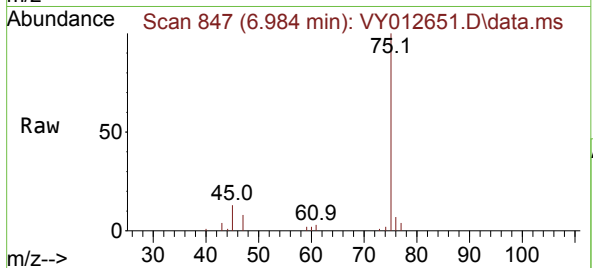
S-655-1

Tgt Ion: 43 Resp: 648

Ion Ratio Lower Upper

43 100

72 0.0 27.4 41.2#



#31

Cyclohexane

Concen: 1.144 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012651.D

Acq: 17 Feb 2023 15:19

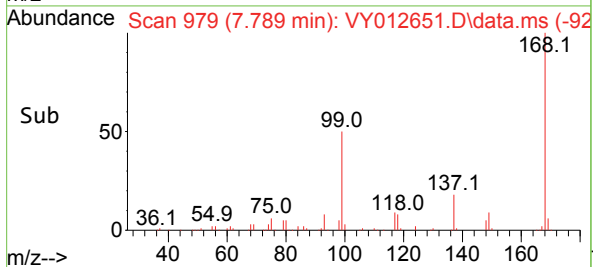
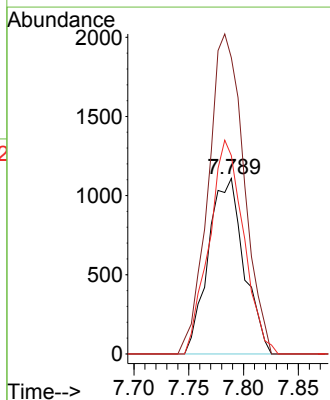
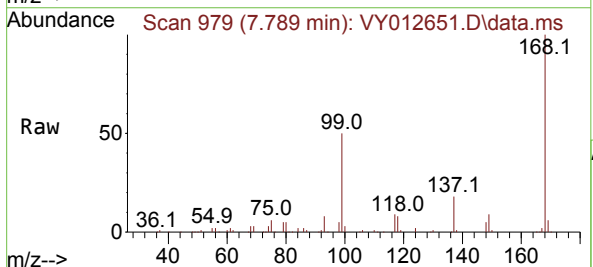
Tgt Ion: 56 Resp: 2509

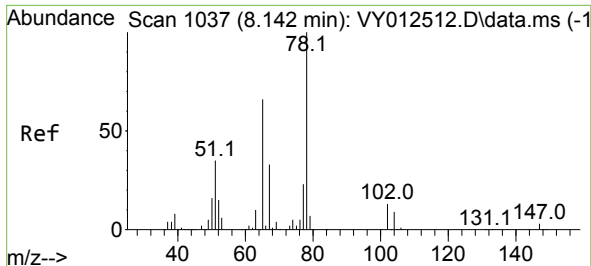
Ion Ratio Lower Upper

56 100

69 168.9 29.5 44.3#

84 113.1 81.9 122.9





#33

1,2-Dichloroethane-d4

Concen: 46.567 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012651.D

Acq: 17 Feb 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

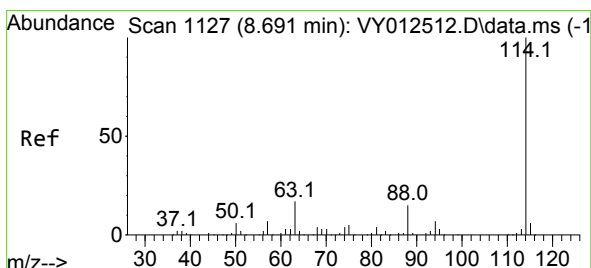
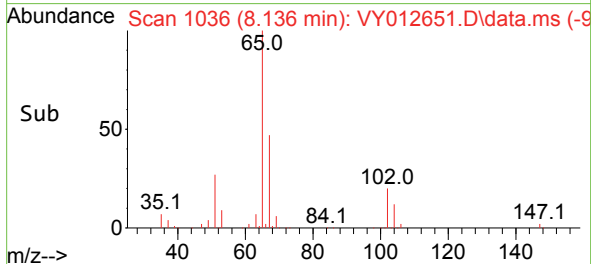
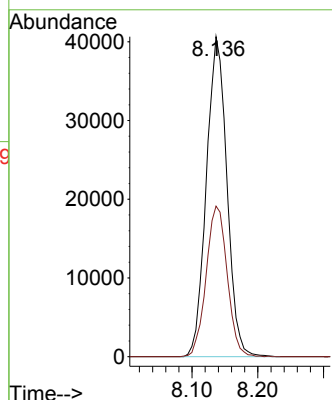
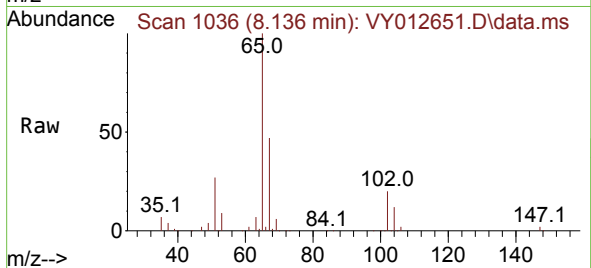
S-655-1

Tgt Ion: 65 Resp: 88343

Ion Ratio Lower Upper

65 100

67 48.2 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012651.D

Acq: 17 Feb 2023 15:19

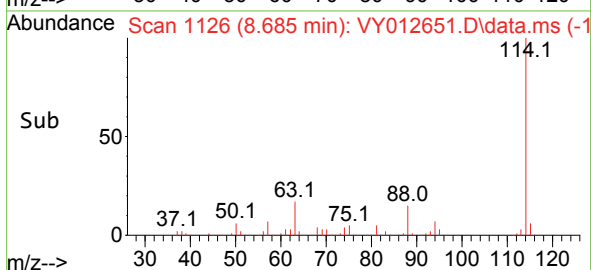
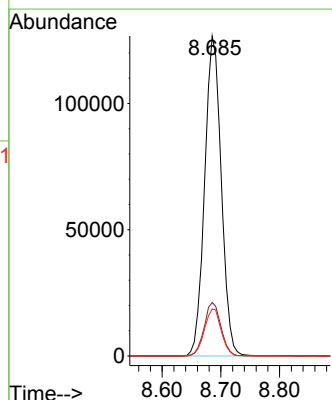
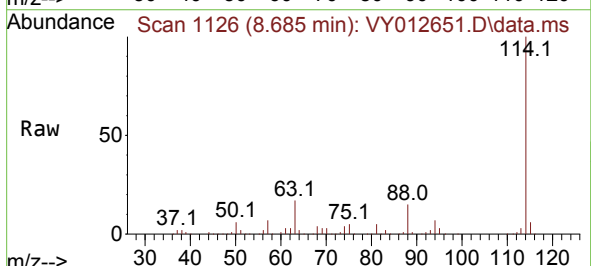
Tgt Ion: 114 Resp: 249121

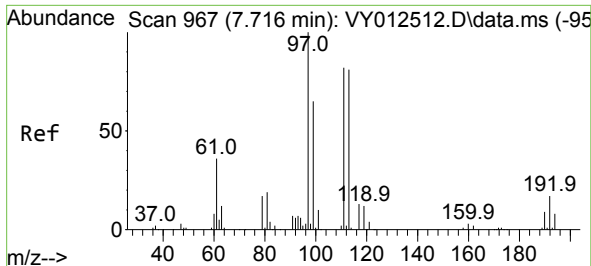
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.6

88 14.7 0.0 29.8

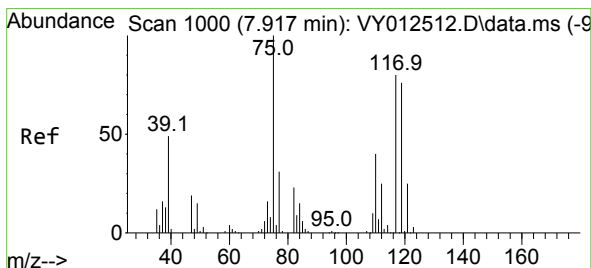
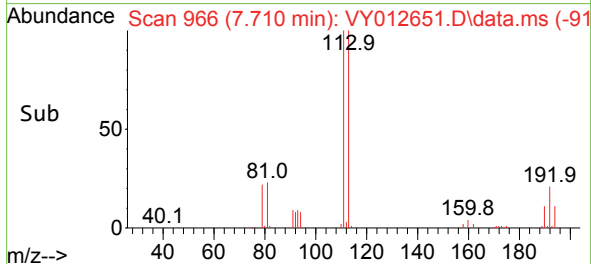
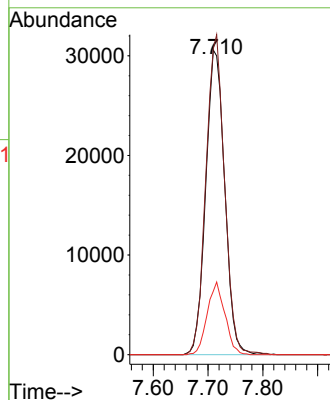
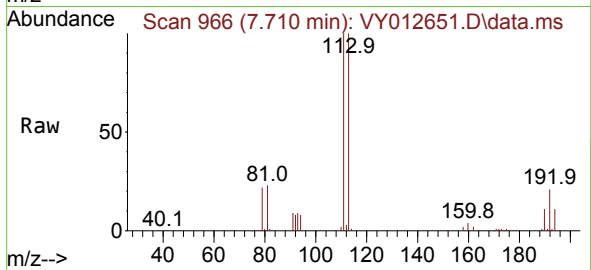




#35
Dibromofluoromethane
Concen: 40.463 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

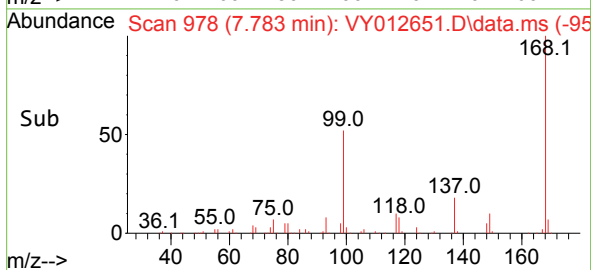
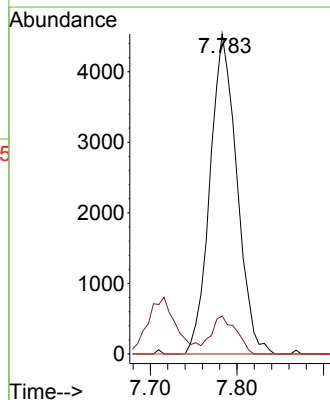
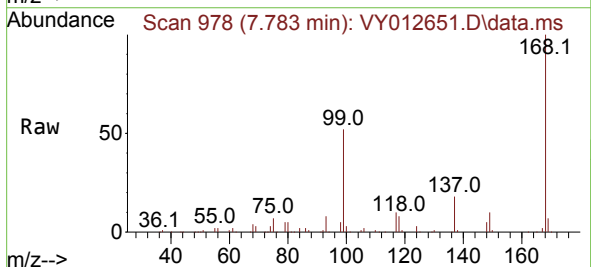
Instrument :
MSVOA_Y
ClientSampleId :
S-655-1

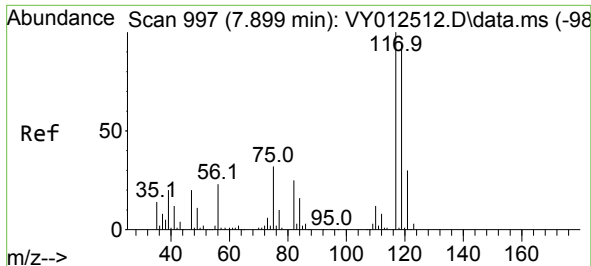
Tgt Ion:113 Resp: 73410
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 22.3 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.983 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

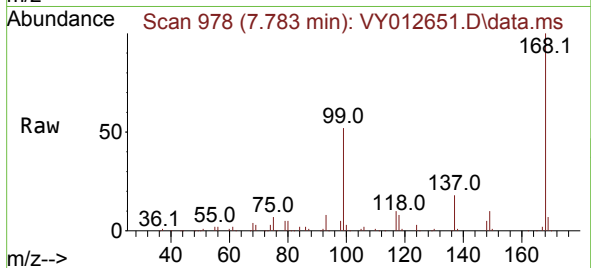
Tgt Ion: 75 Resp: 9780
Ion Ratio Lower Upper
75 100
110 10.8 19.5 58.5#
77 0.0 24.9 37.3#



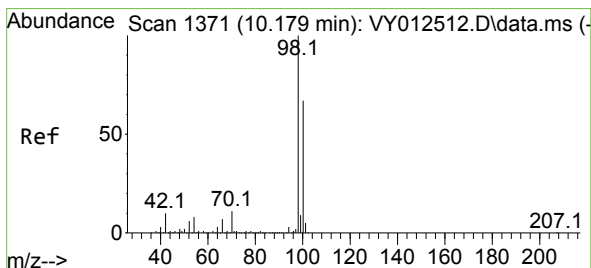
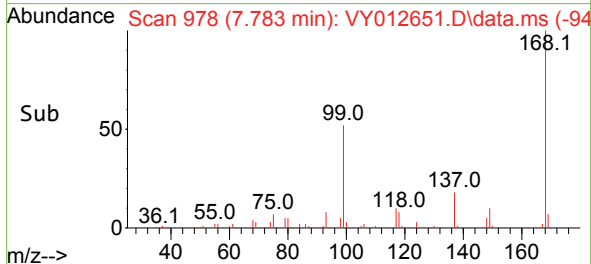
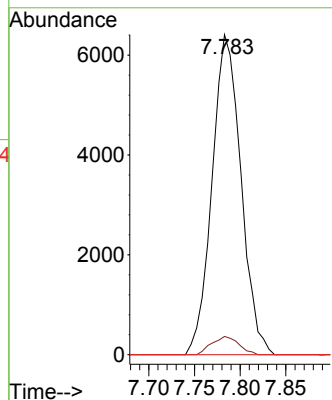


#38
Carbon Tetrachloride
Concen: 4.275 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

Instrument :
MSVOA_Y
ClientSampleId :
S-655-1

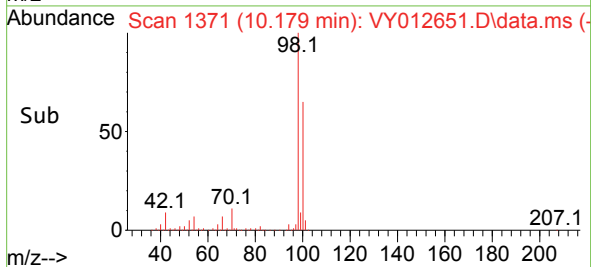
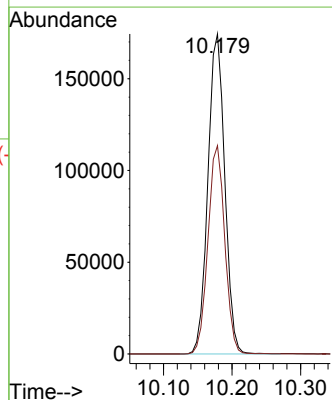
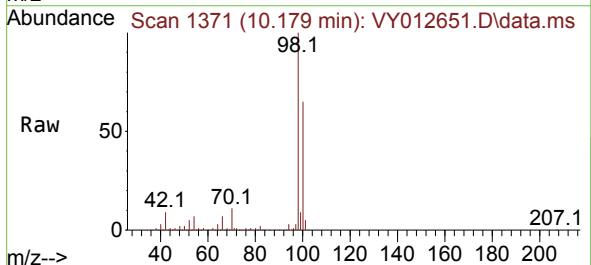


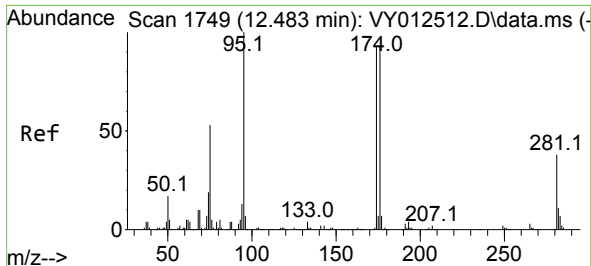
Tgt Ion:117 Resp: 14092
Ion Ratio Lower Upper
117 100
119 5.7 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 39.517 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

Tgt Ion: 98 Resp: 298410
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

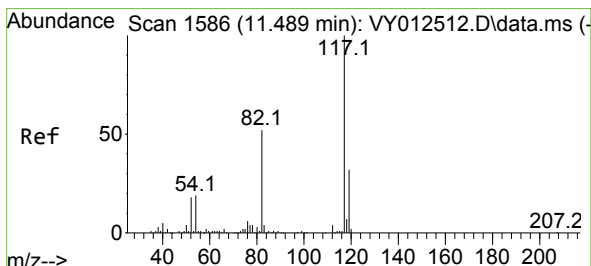
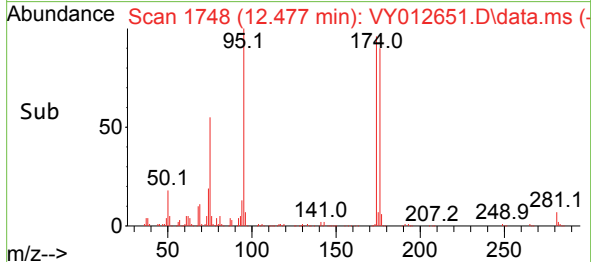
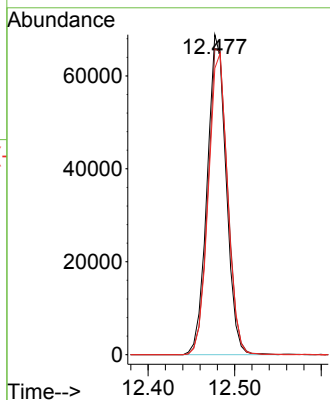
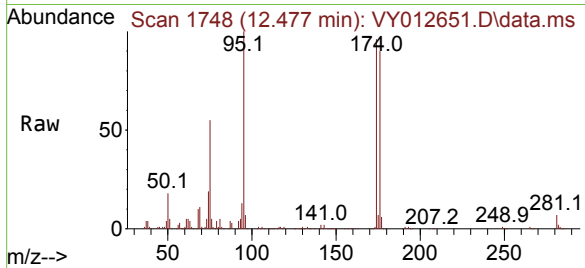




#62
4-Bromofluorobenzene
Concen: 39.732 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

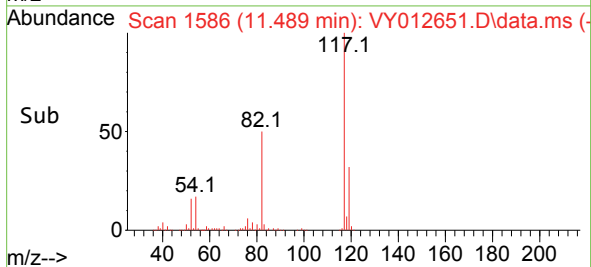
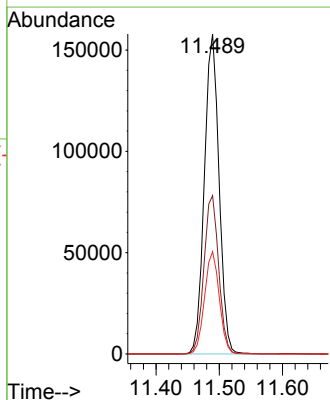
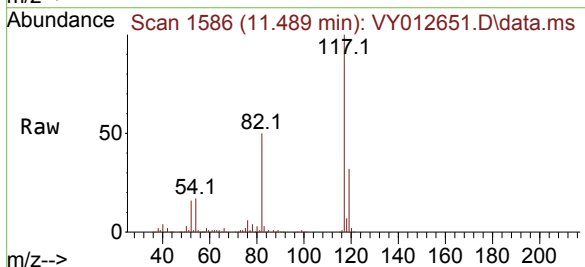
Instrument :
MSVOA_Y
ClientSampleId :
S-655-1

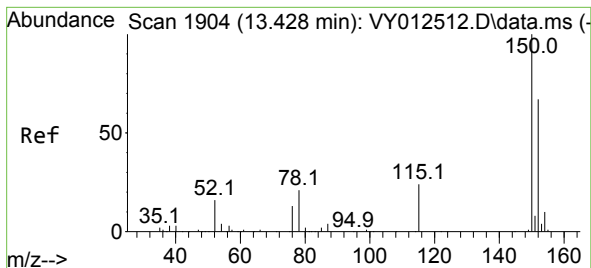
Tgt Ion: 95 Resp: 104652
Ion Ratio Lower Upper
95 100
174 98.8 0.0 188.0
176 95.5 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

Tgt Ion: 117 Resp: 255568
Ion Ratio Lower Upper
117 100
82 49.5 41.7 62.5
119 31.9 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: VY012651.D

Acq: 17 Feb 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

S-655-1

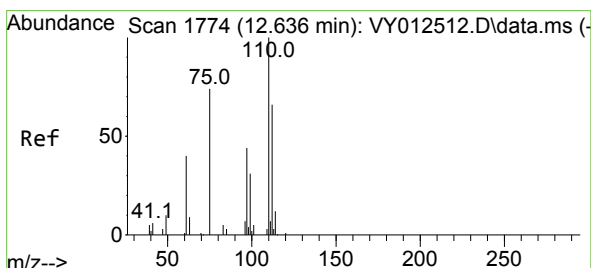
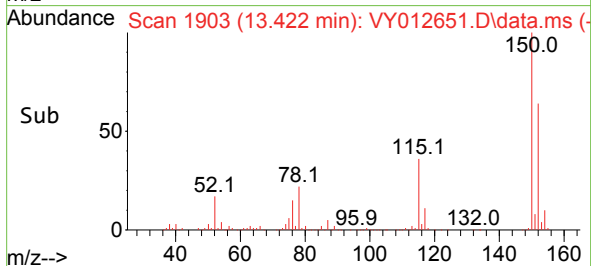
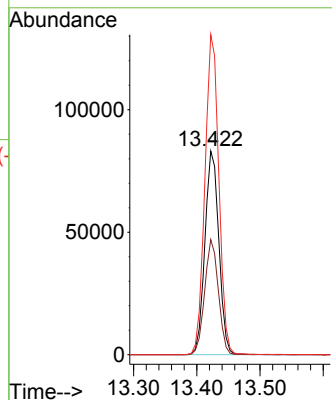
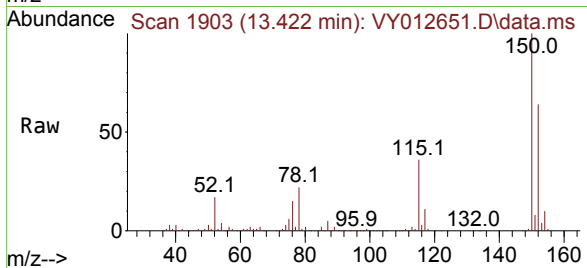
Tgt Ion:152 Resp: 127886

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 156.9 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 39.246 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY012651.D

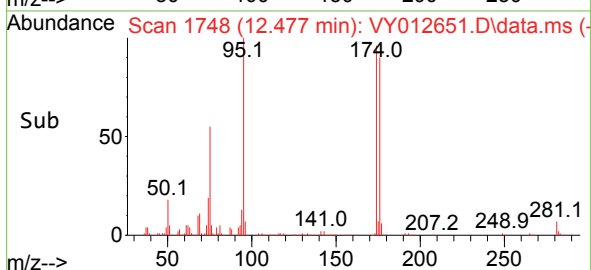
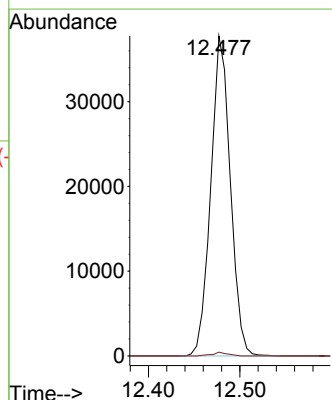
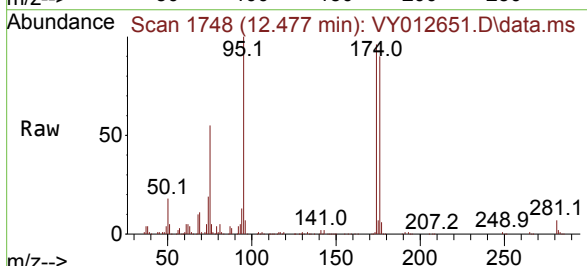
Acq: 17 Feb 2023 15:19

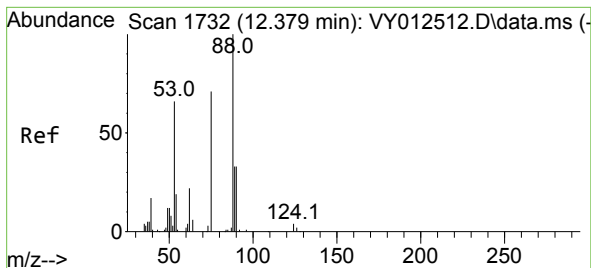
Tgt Ion: 75 Resp: 56074

Ion Ratio Lower Upper

75 100

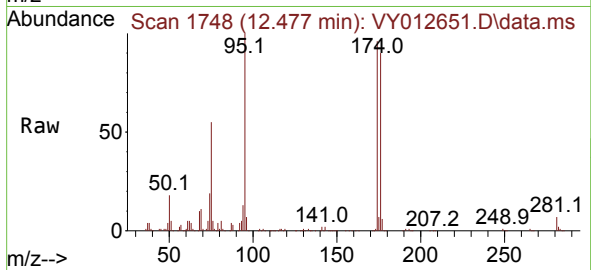
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.502 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY012651.D
 Acq: 17 Feb 2023 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-655-1



Tgt Ion: 75 Resp: 56074
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.1 109.7#
 89 0.0 39.9 59.9#

