

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014655.D
 Acq On : 14 Jul 2023 18:15
 Operator : SY/MD
 Sample : 03632-05
 Misc : 7.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-(6-8)

Quant Time: Jul 14 23:14:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

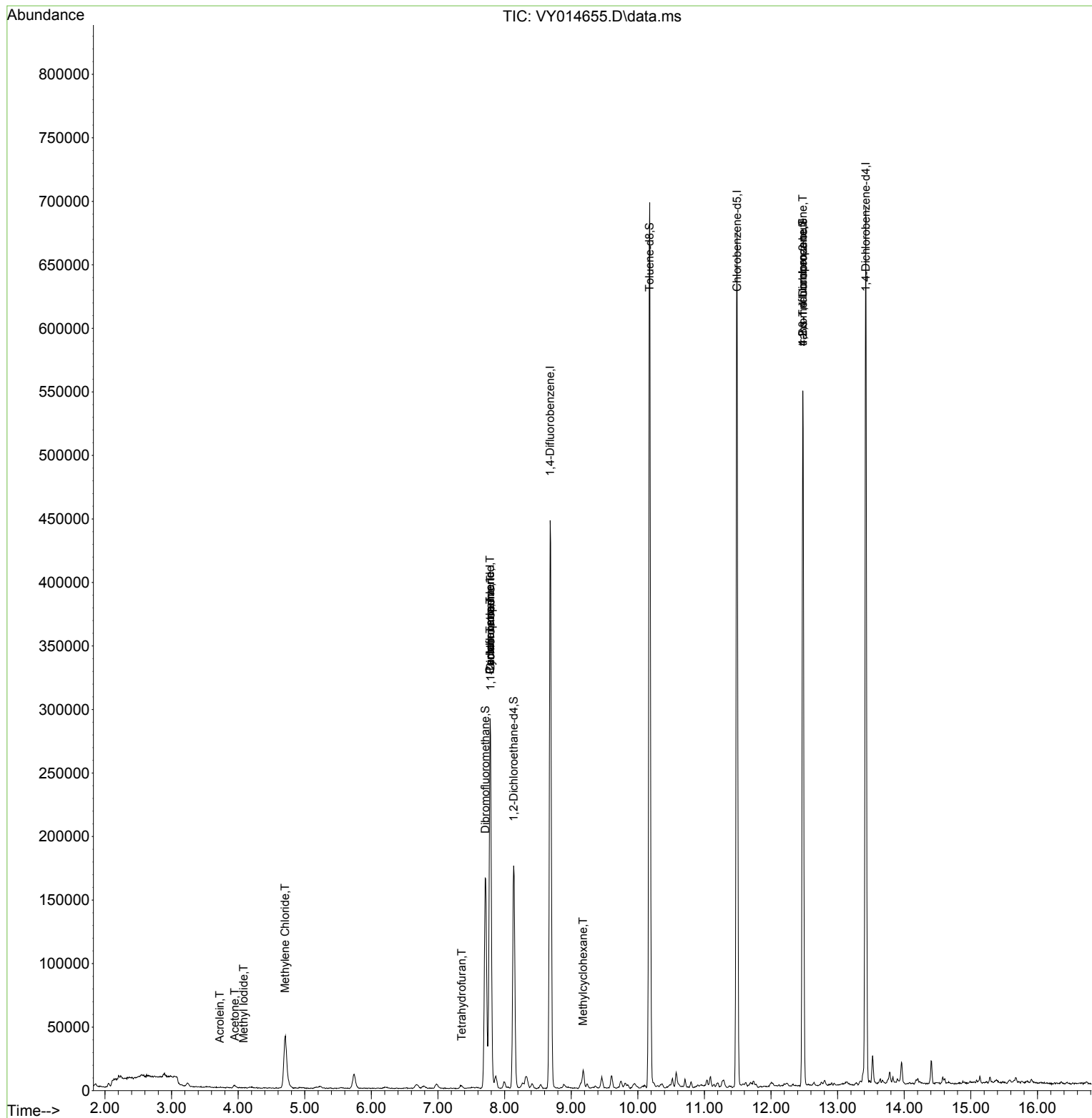
Internal Standards						
1) Pentafluorobenzene	7.783	168	223173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	385871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	359598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138556	54.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.960%	
35) Dibromofluoromethane	7.710	113	120631	49.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.220%	
50) Toluene-d8	10.179	98	456230	50.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.477	95	174859	50.356	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.720%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	139	2.423	ug/l #	38
11) Tert butyl alcohol	4.942	59	633	Below Cal	#	51
13) Acrolein	3.723	56	303	1.140	ug/l #	65
16) Acetone	3.948	43	3345	4.151	ug/l #	84
20) Methylene Chloride	4.704	84	29809	7.824	ug/l	90
29) Tetrahydrofuran	7.356	42	2455	3.382	ug/l	95
31) Cyclohexane	7.783	56	6162	1.460	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	16909	4.603	ug/l #	51
38) Carbon Tetrachloride	7.783	117	22206	5.719	ug/l #	16
39) Methylcyclohexane	9.179	83	5164	1.079	ug/l #	91
76) 1,2,3-Trichloropropane	12.477	75	90318	41.102	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	90318	79.581	ug/l #	11

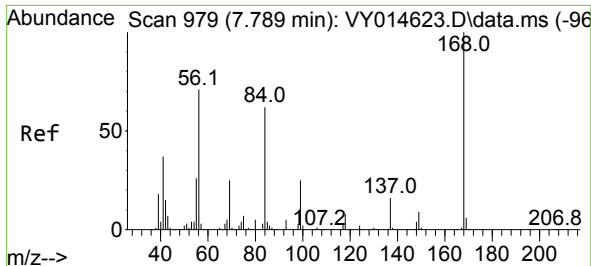
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
Data File : VY014655.D
Acq On : 14 Jul 2023 18:15
Operator : SY/MD
Sample : 03632-05
Misc : 7.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-(6-8)

Quant Time: Jul 14 23:14:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

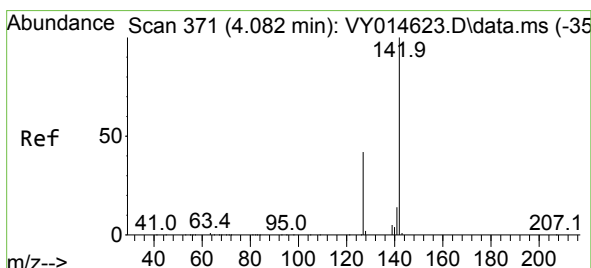
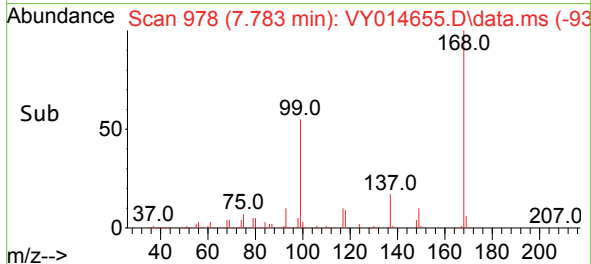
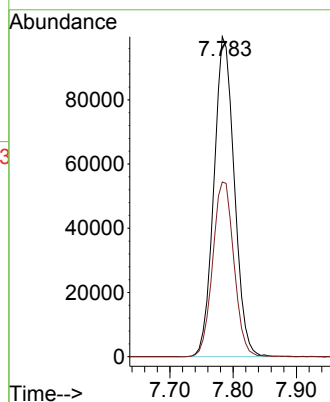
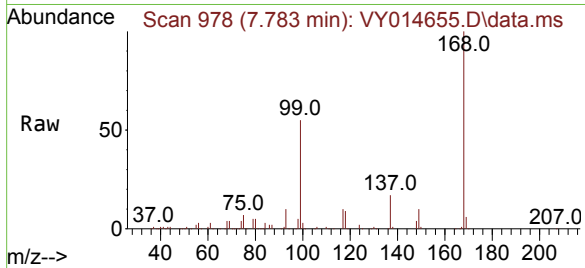




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

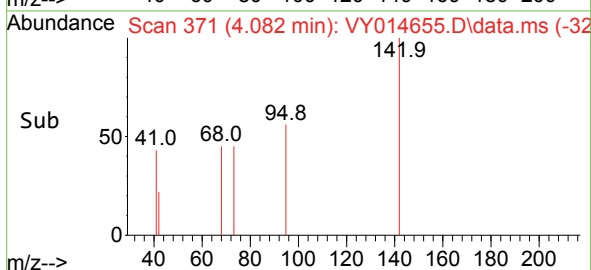
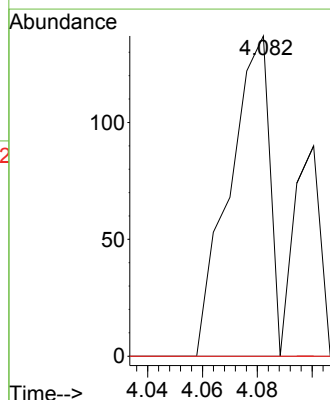
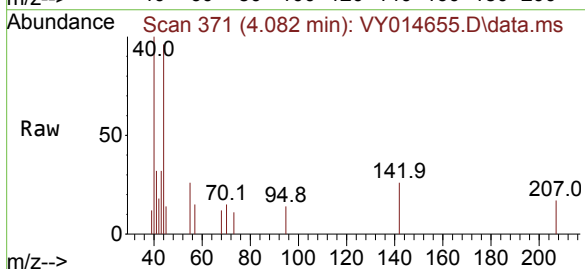
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-(6-8)

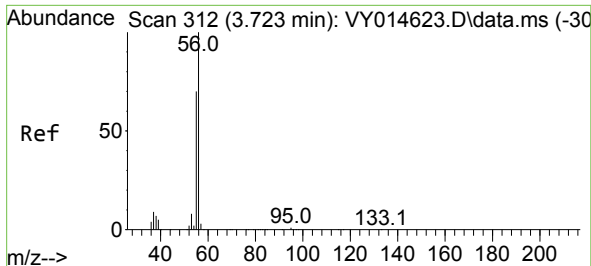
Tgt Ion:168 Resp: 223173
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.423 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

Tgt Ion:142 Resp: 139
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#13

Acrolein

Concen: 1.140 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY014655.D

Acq: 14 Jul 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

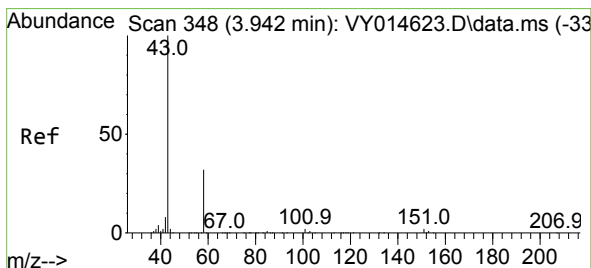
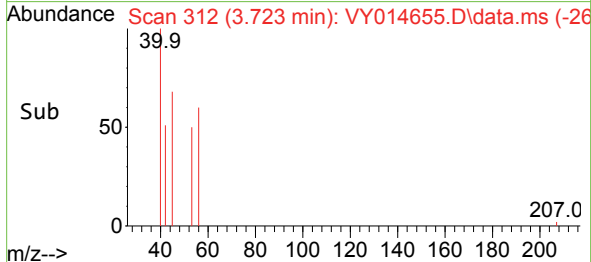
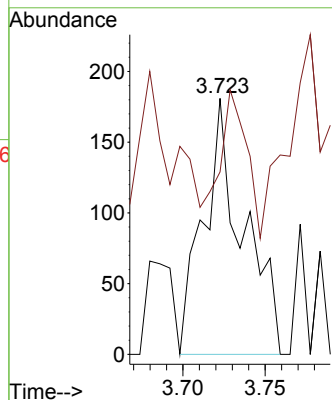
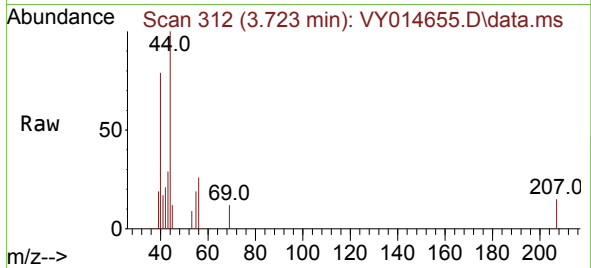
SB-05-(6-8)

Tgt Ion: 56 Resp: 303

Ion Ratio Lower Upper

56 100

55 42.6 57.0 85.4#



#16

Acetone

Concen: 4.151 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY014655.D

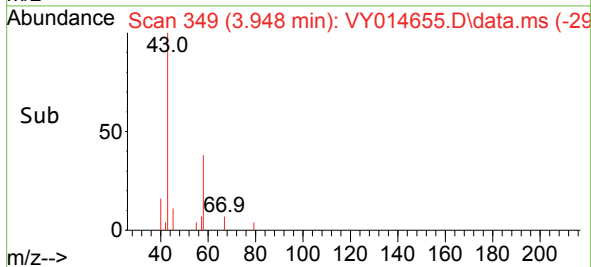
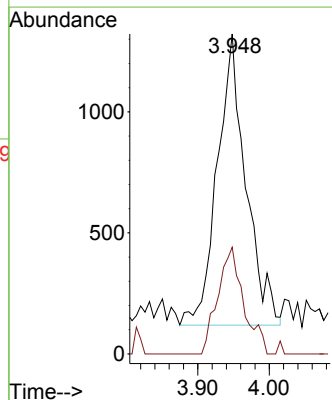
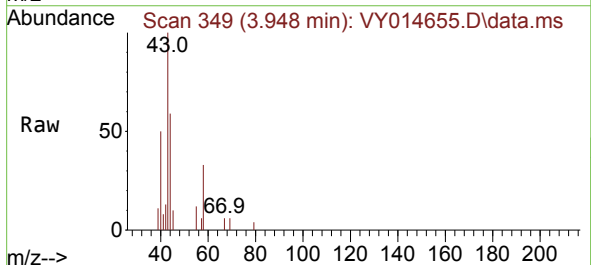
Acq: 14 Jul 2023 18:15

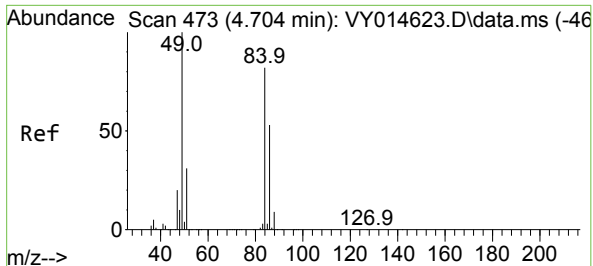
Tgt Ion: 43 Resp: 3345

Ion Ratio Lower Upper

43 100

58 36.7 22.7 34.1#

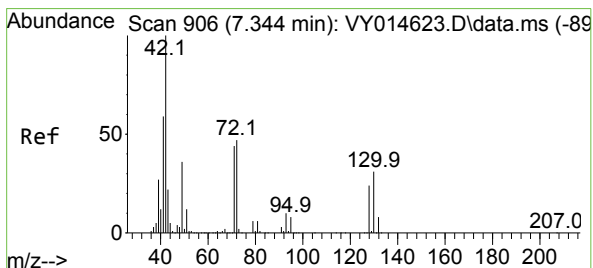
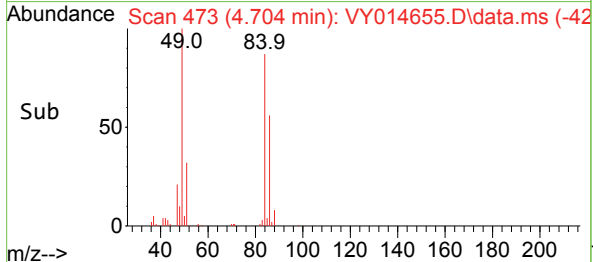
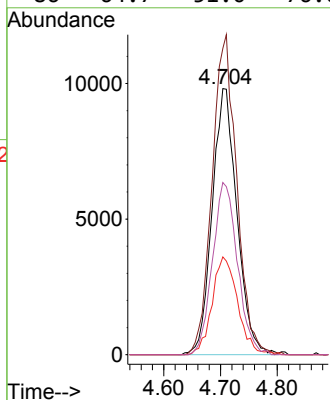
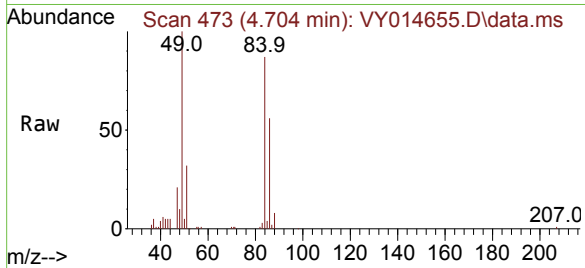




#20
Methylene Chloride
Concen: 7.824 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

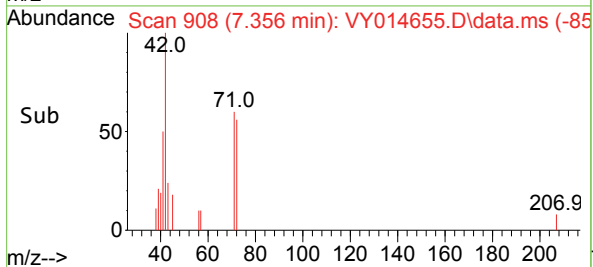
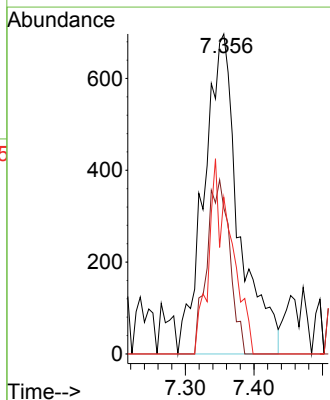
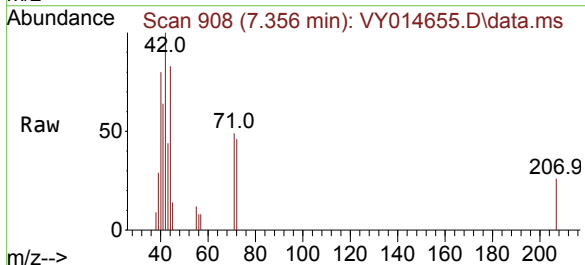
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-(6-8)

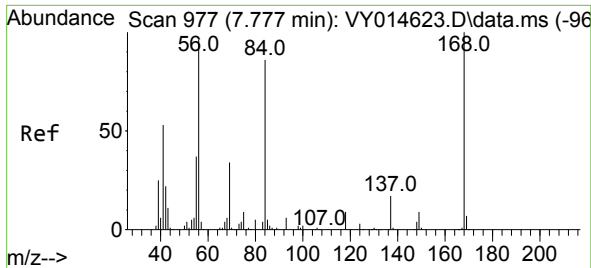
Tgt Ion:	84	Resp:	29809
Ion	Ratio	Lower	Upper
84	100		
49	115.1	106.9	160.3
51	36.7	33.2	49.8
86	64.7	51.0	76.6



#29
Tetrahydrofuran
Concen: 3.382 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

Tgt Ion:	42	Resp:	2455
Ion	Ratio	Lower	Upper
42	100		
72	35.8	32.8	49.2
71	39.6	31.0	46.4

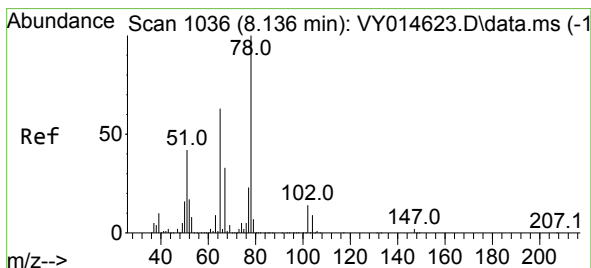
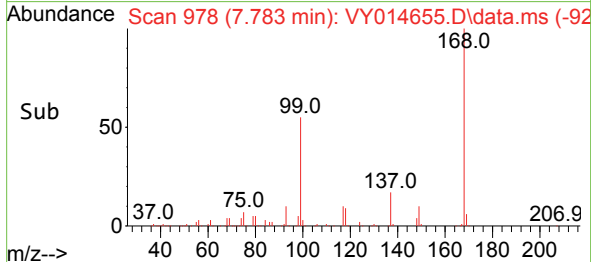
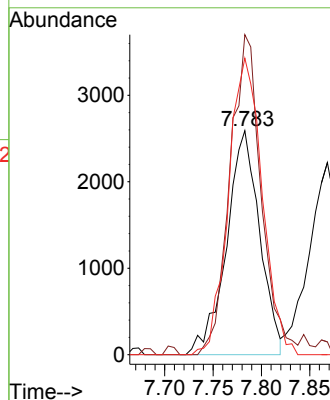
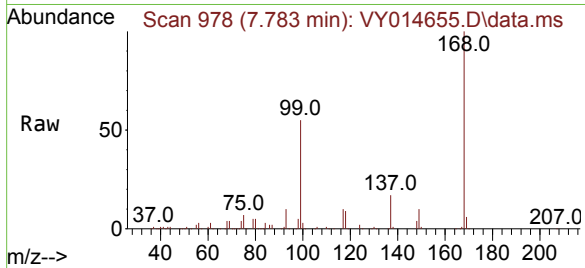




#31
Cyclohexane
Concen: 1.460 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

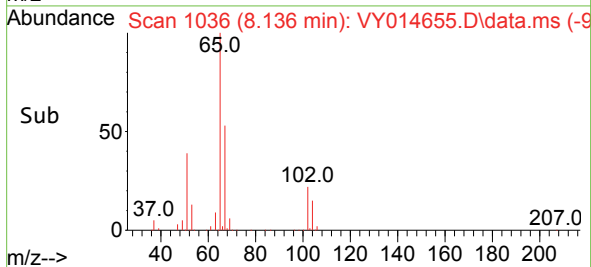
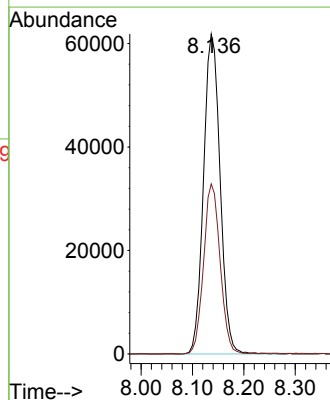
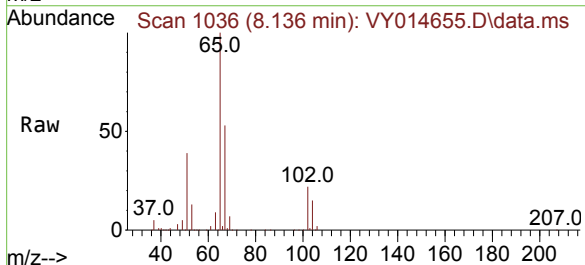
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-(6-8)

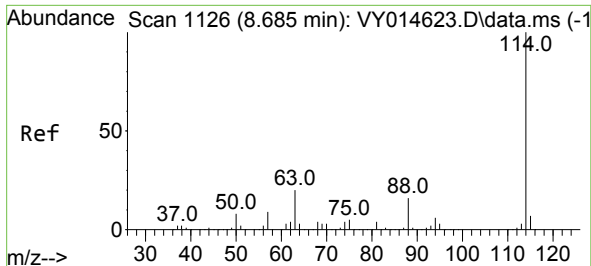
Tgt Ion: 56 Resp: 6162
Ion Ratio Lower Upper
56 100
69 142.8 27.8 41.6#
84 132.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.482 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

Tgt Ion: 65 Resp: 138556
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8

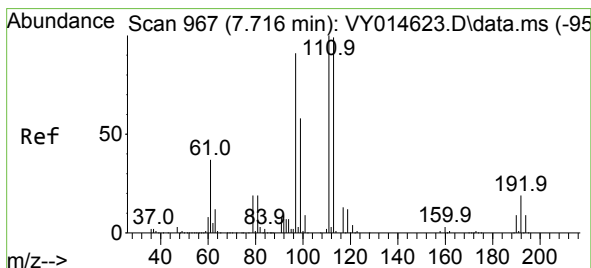
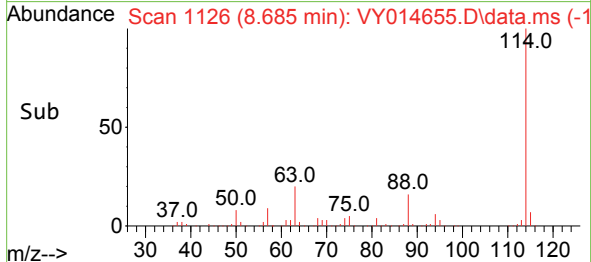
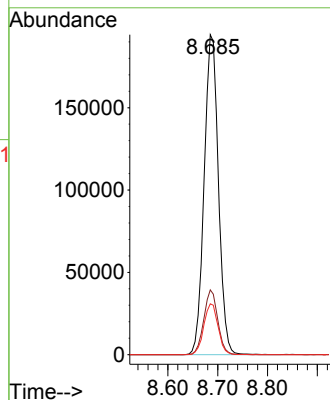
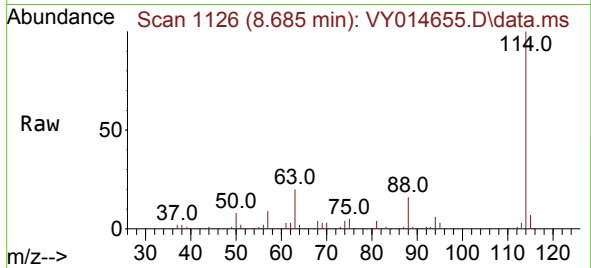




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

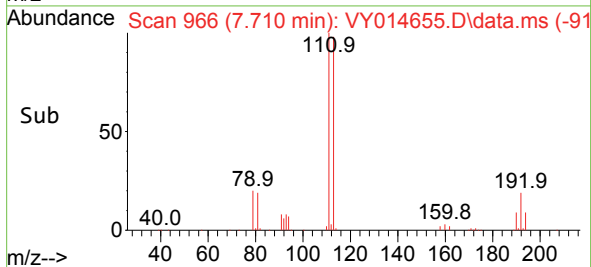
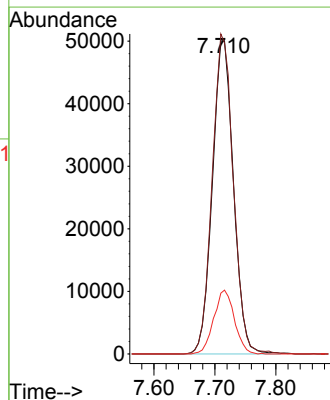
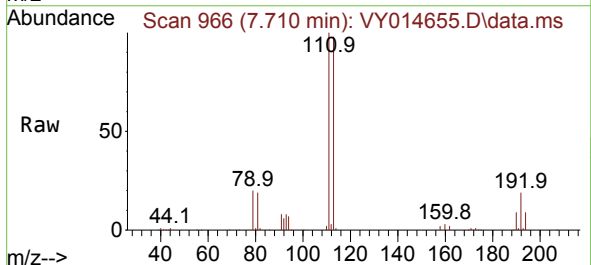
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-(6-8)

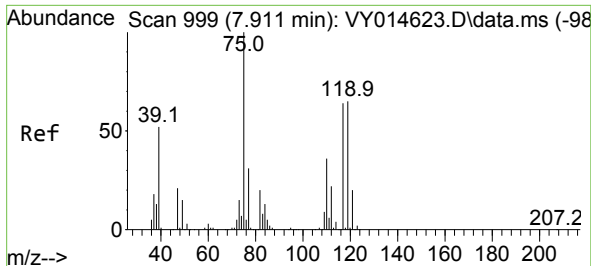
Tgt Ion:	114	Resp:	385871
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.4
88	15.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.110 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

Tgt Ion:	113	Resp:	120631
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	19.9	16.9	25.3

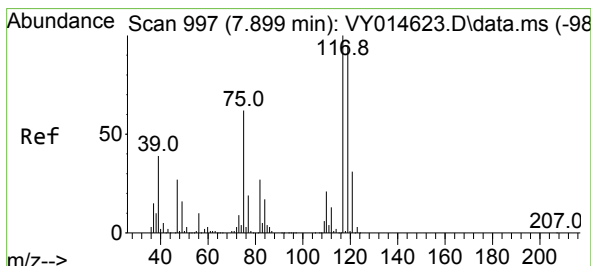
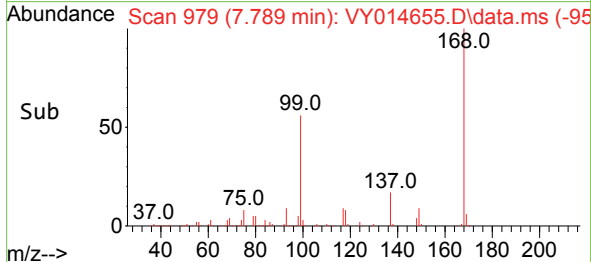
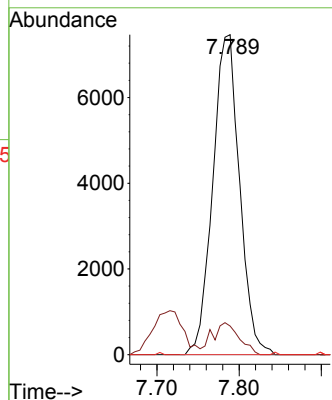
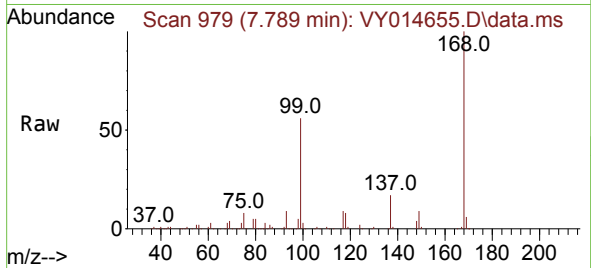




#36
 1,1-Dichloropropene
 Concen: 4.603 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY014655.D
 Acq: 14 Jul 2023 18:15

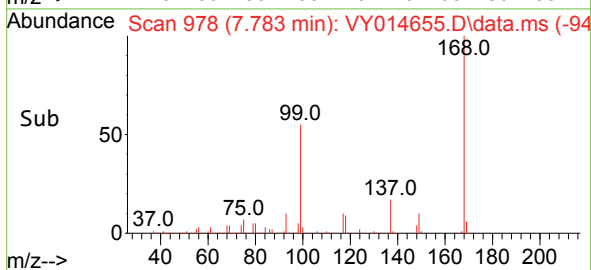
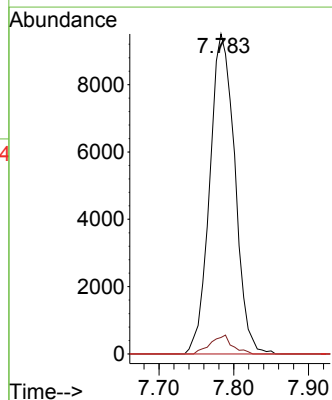
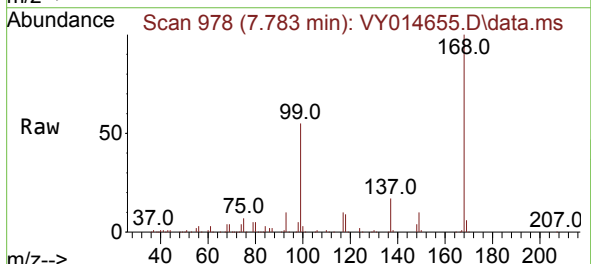
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-(6-8)

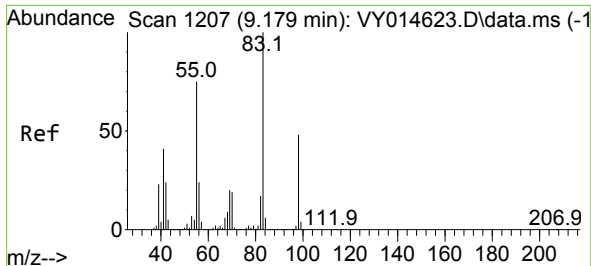
Tgt Ion: 75 Resp: 16909
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.719 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY014655.D
 Acq: 14 Jul 2023 18:15

Tgt Ion: 117 Resp: 22206
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.4 114.6#
 121 0.0 25.8 38.6#

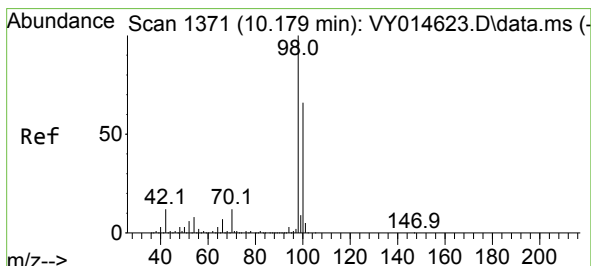
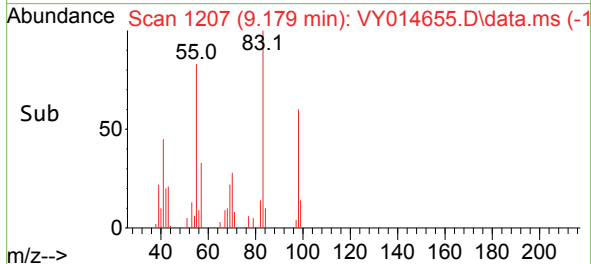
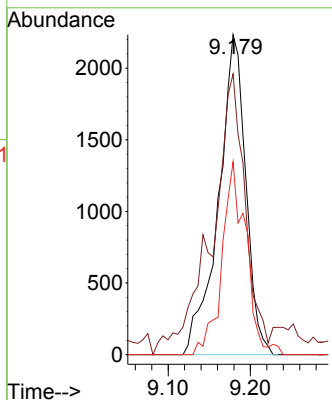
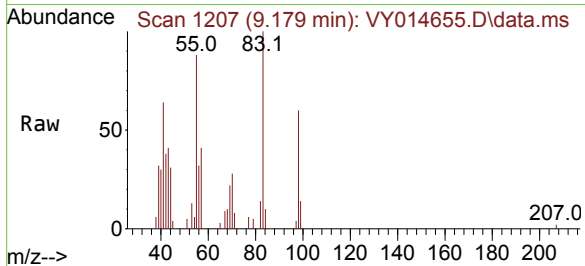




#39
Methylcyclohexane
Concen: 1.079 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

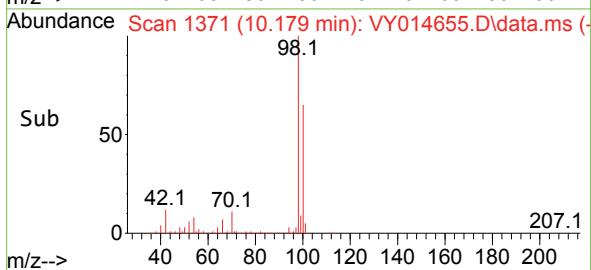
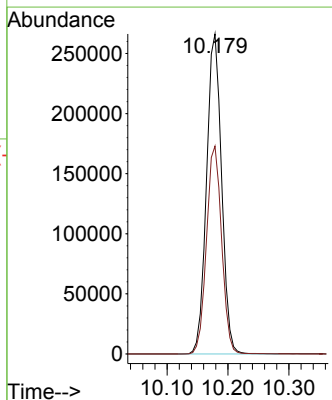
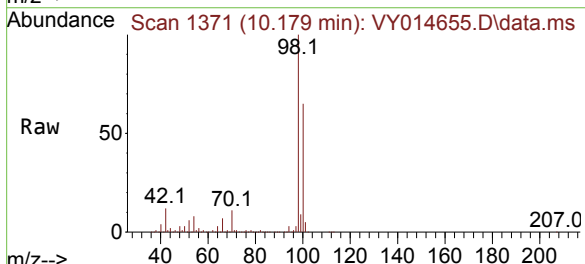
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-(6-8)

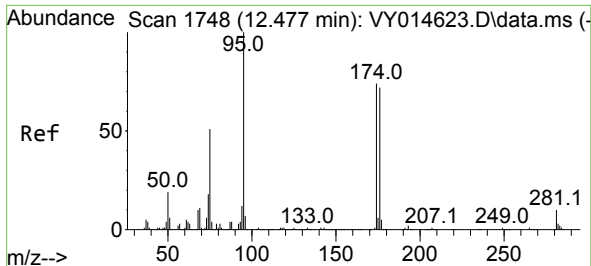
Tgt Ion: 83 Resp: 5164
Ion Ratio Lower Upper
83 100
55 81.3 63.0 94.4
98 60.3 37.4 56.2#



#50
Toluene-d8
Concen: 50.378 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

Tgt Ion: 98 Resp: 456230
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

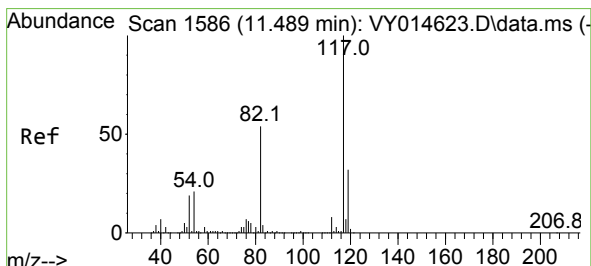
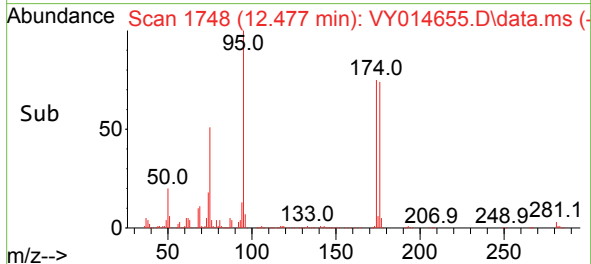
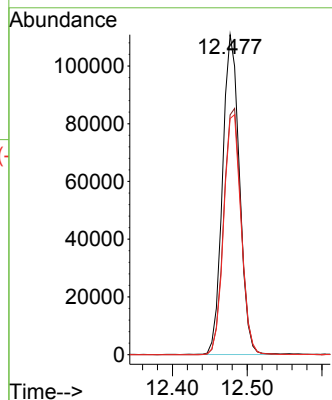
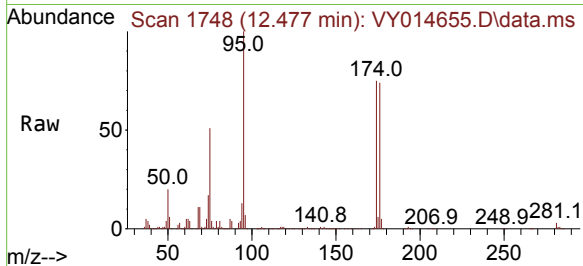




#62
4-Bromofluorobenzene
Concen: 50.356 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

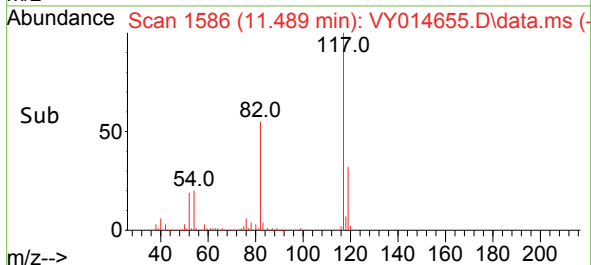
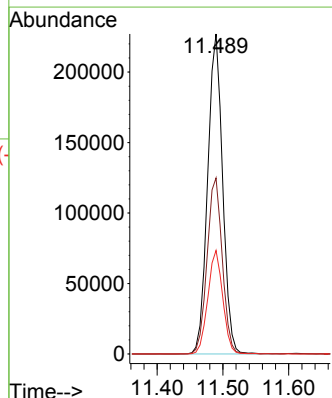
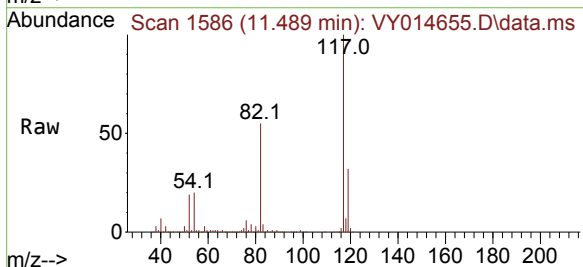
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-(6-8)

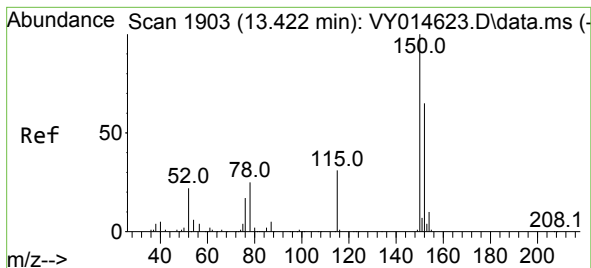
Tgt Ion: 95 Resp: 174859
Ion Ratio Lower Upper
95 100
174 79.3 0.0 178.2
176 77.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014655.D
Acq: 14 Jul 2023 18:15

Tgt Ion: 117 Resp: 359598
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014655.D

Acq: 14 Jul 2023 18:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-(6-8)

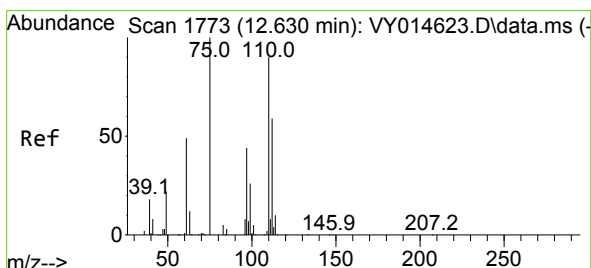
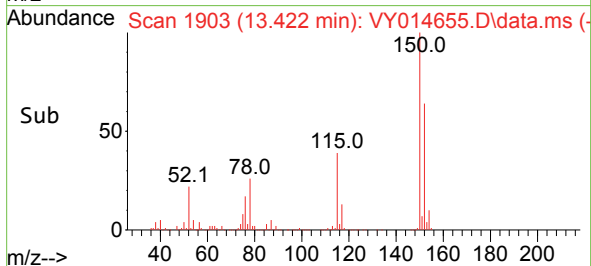
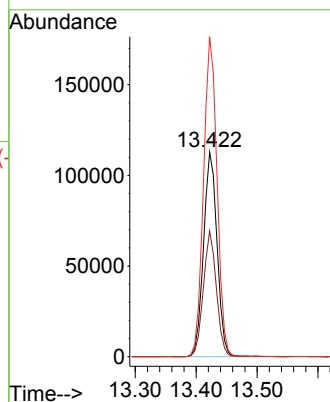
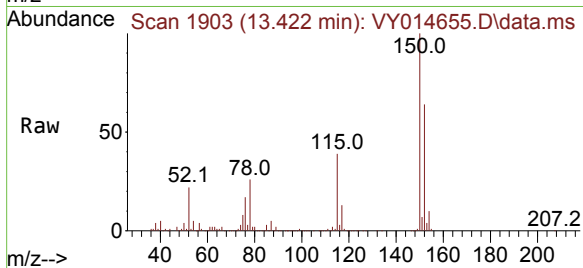
Tgt Ion:152 Resp: 173987

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 156.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.102 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014655.D

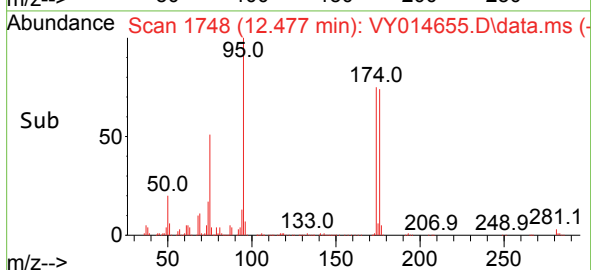
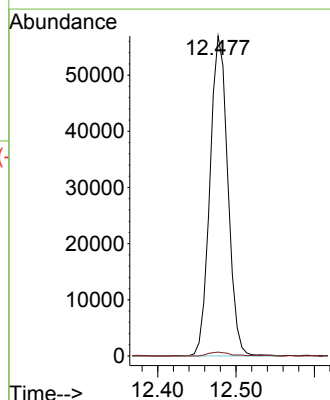
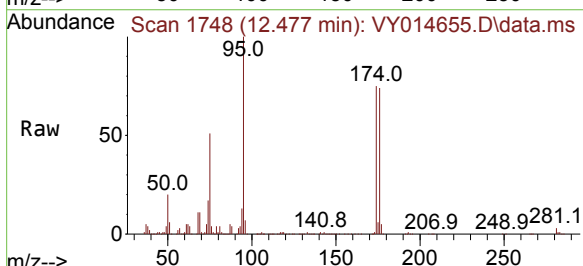
Acq: 14 Jul 2023 18:15

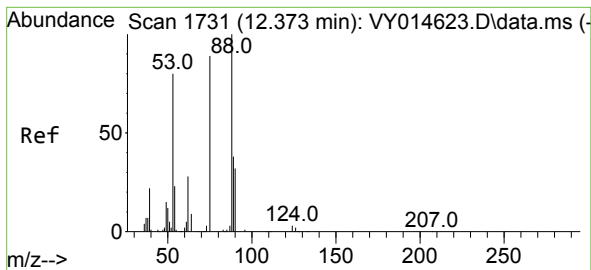
Tgt Ion: 75 Resp: 90318

Ion Ratio Lower Upper

75 100

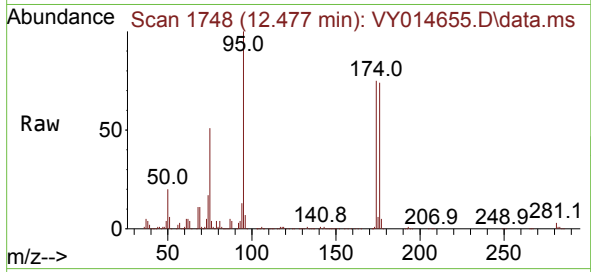
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.581 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014655.D
 Acq: 14 Jul 2023 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-(6-8)



Tgt Ion: 75 Resp: 90318
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

