

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013457.D
 Acq On : 25 Apr 2023 19:23
 Operator : KP/MD
 Sample : 02470-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-9.5-10.0

Quant Time: Apr 26 02:54:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

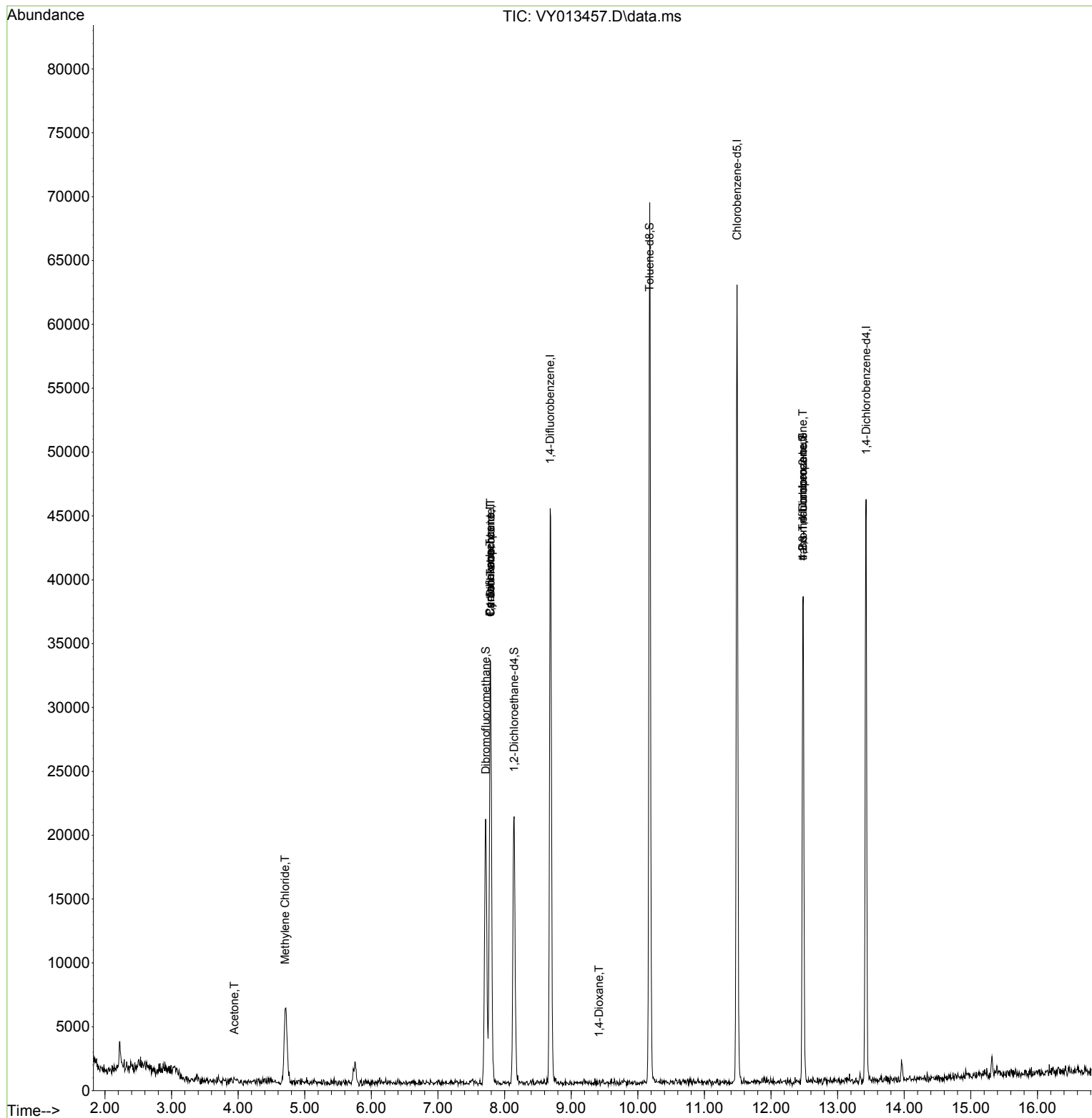
Internal Standards						
1) Pentafluorobenzene	7.783	168	25146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	37412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	16789	60.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.820%	
35) Dibromofluoromethane	7.716	113	14385	61.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.260%	
50) Toluene-d8	10.179	98	43703	52.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.477	95	11192	39.660	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.320%	
Target Compounds						
					Qvalue	
13) Acrolein	3.680	56	23	Below Cal	#	16
16) Acetone	3.942	43	368	3.390	ug/l	99
20) Methylene Chloride	4.704	84	4678	6.760	ug/l #	83
31) Cyclohexane	7.783	56	725	1.469	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	2023	5.180	ug/l #	45
38) Carbon Tetrachloride	7.789	117	2804	6.851	ug/l #	16
49) 1,4-Dioxane	9.417	88	23	9.358	ug/l #	25
76) 1,2,3-Trichloropropane	12.477	75	5515	34.794	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5515	71.173	ug/l #	12

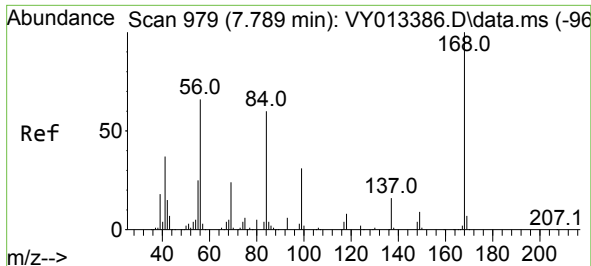
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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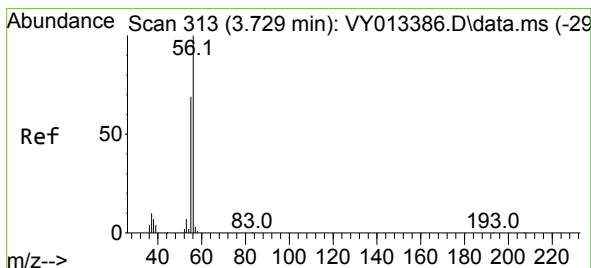
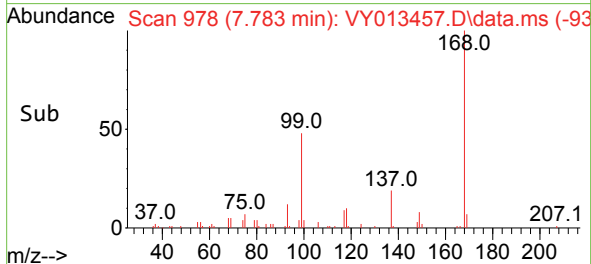
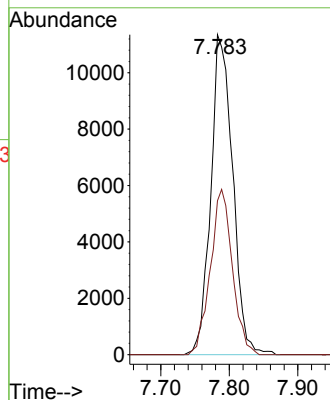
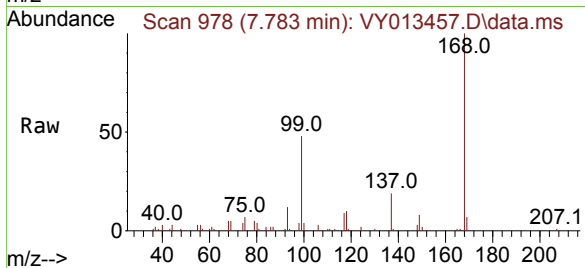




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

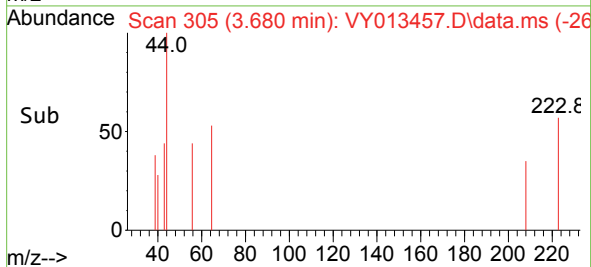
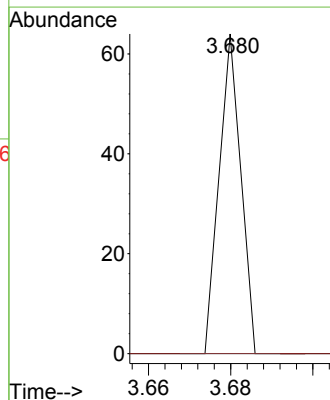
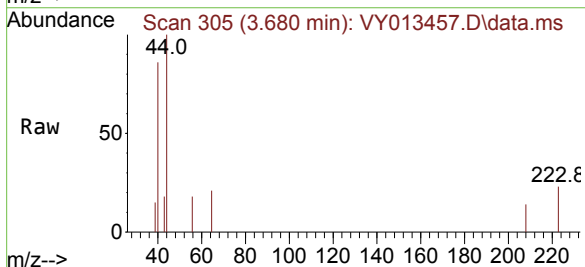
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-10.0

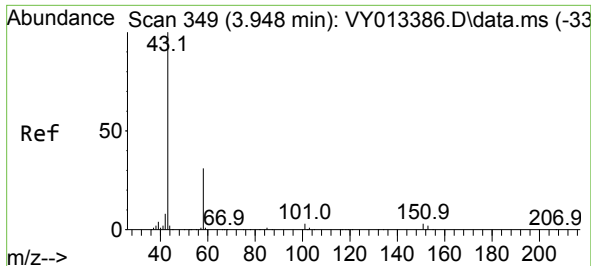
Tgt Ion:168 Resp: 25146
Ion Ratio Lower Upper
168 100
99 48.1 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.680 min Scan# 305
Delta R.T. -0.049 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#





#16

Acetone

Concen: 3.390 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY013457.D

Acq: 25 Apr 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

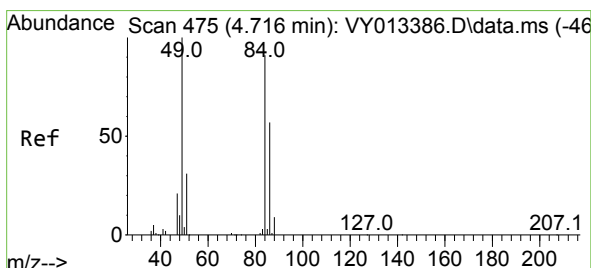
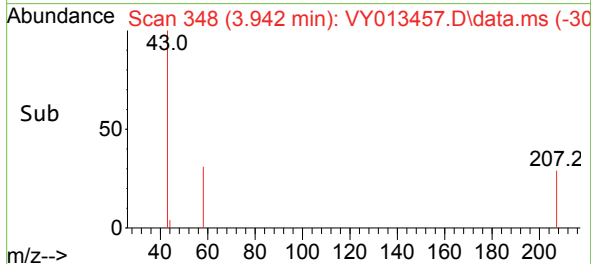
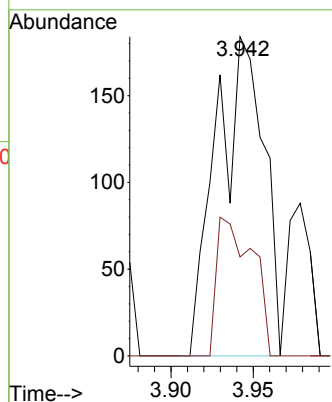
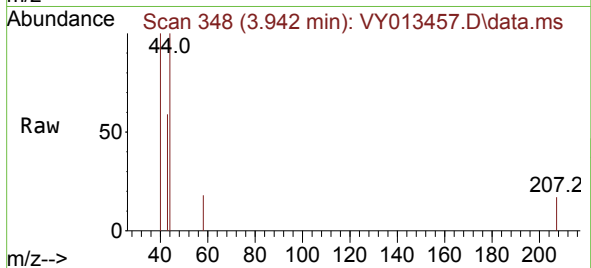
SB-06-9.5-10.0

Tgt Ion: 43 Resp: 368

Ion Ratio Lower Upper

43 100

58 31.0 25.4 38.0



#20

Methylene Chloride

Concen: 6.760 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY013457.D

Acq: 25 Apr 2023 19:23

Tgt Ion: 84 Resp: 4678

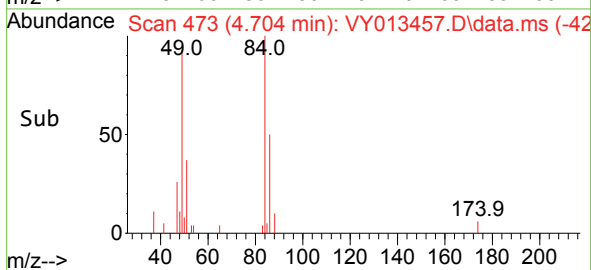
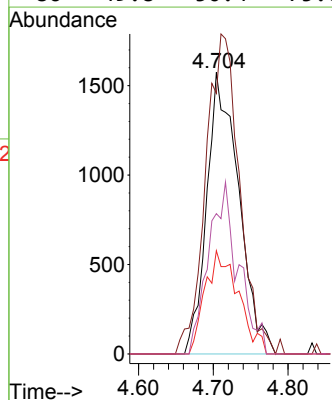
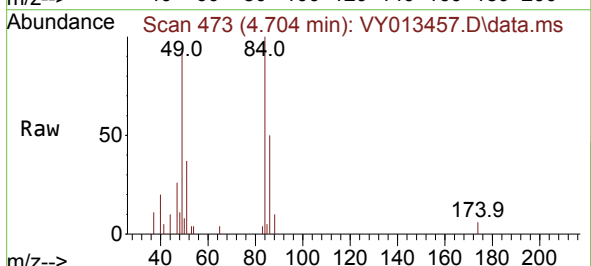
Ion Ratio Lower Upper

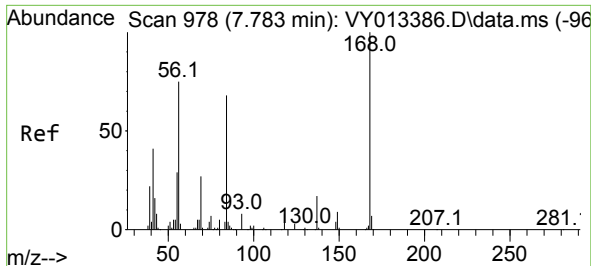
84 100

49 87.5 88.0 132.0#

51 36.7 27.4 41.0

86 49.8 50.4 75.6#

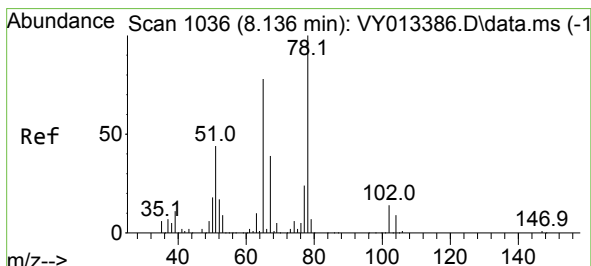
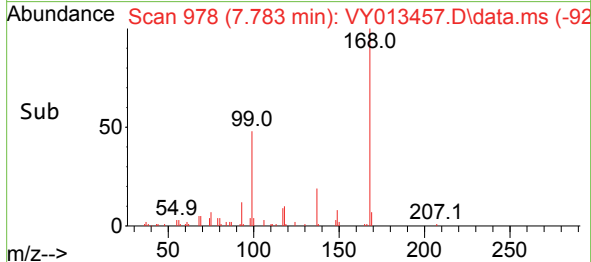
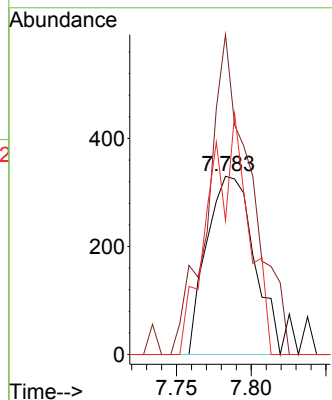
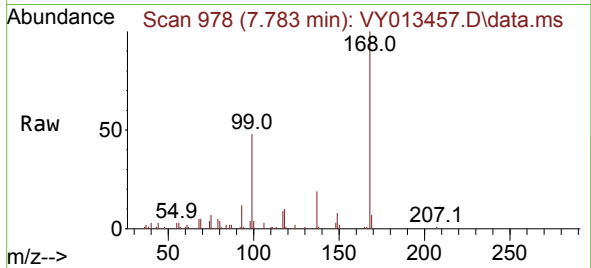




#31
Cyclohexane
Concen: 1.469 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

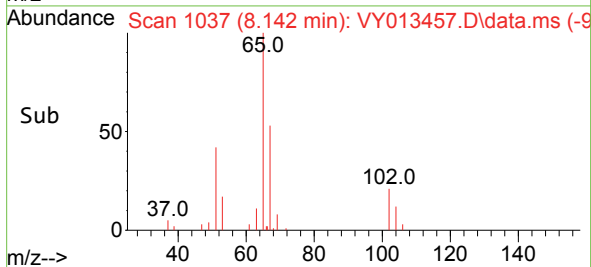
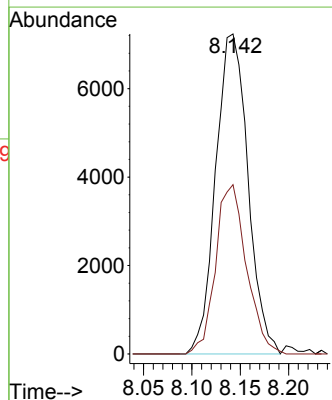
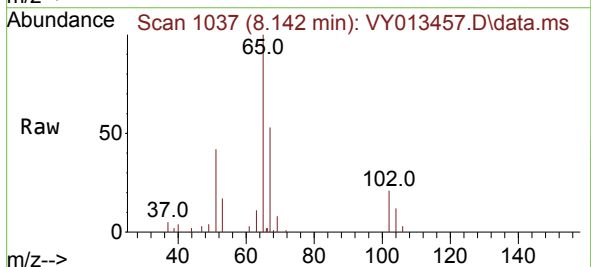
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-10.0

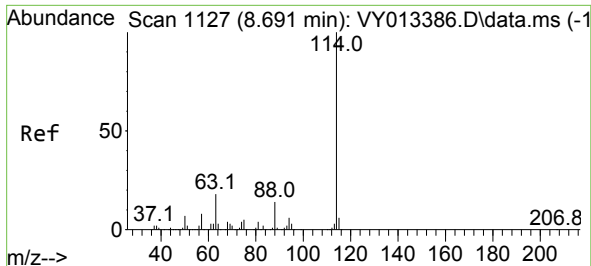
Tgt Ion: 56 Resp: 725
Ion Ratio Lower Upper
56 100
69 161.8 29.2 43.8#
84 75.2 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 60.906 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

Tgt Ion: 65 Resp: 16789
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4

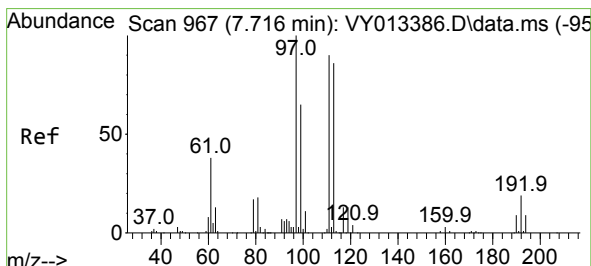
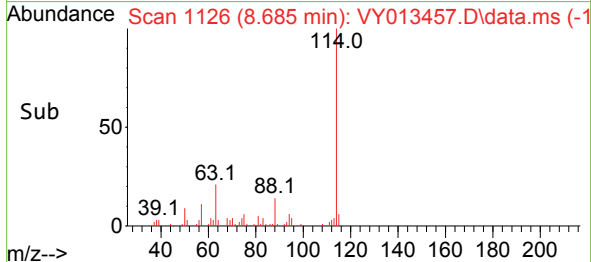
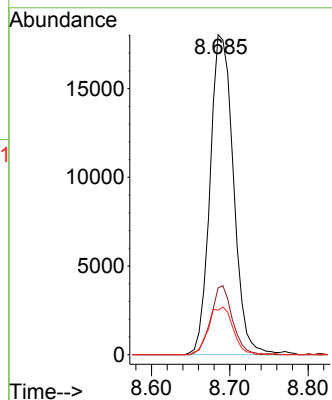
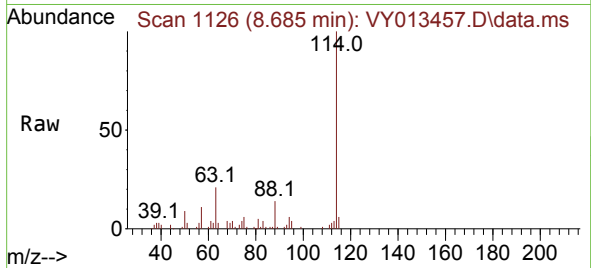




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

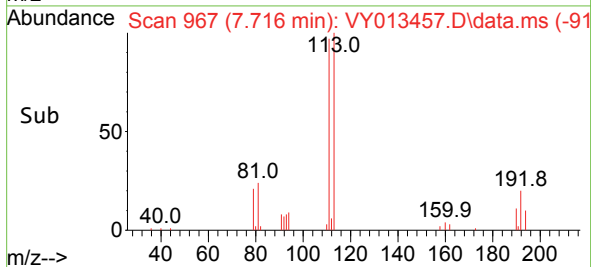
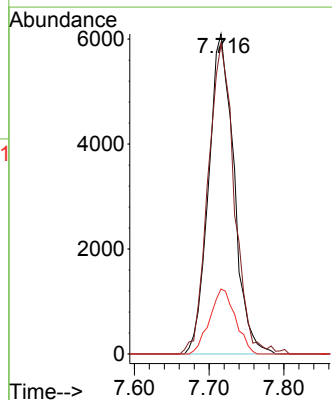
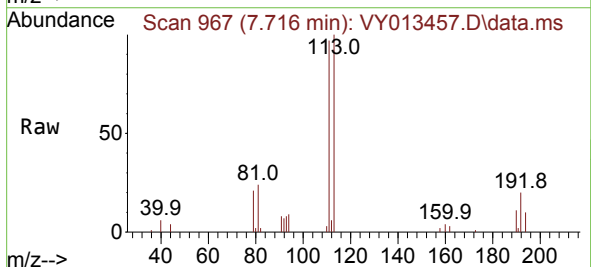
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-10.0

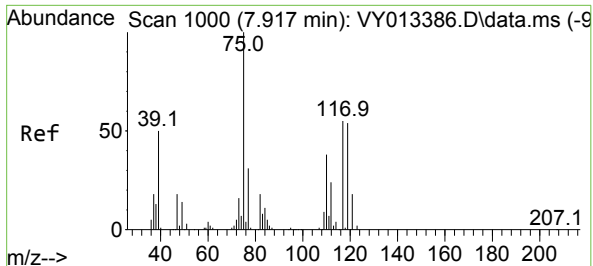
Tgt Ion:114 Resp: 37412
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.6
88 13.9 0.0 28.8



#35
Dibromofluoromethane
Concen: 61.134 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

Tgt Ion:113 Resp: 14385
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.2
192 20.6 16.7 25.1

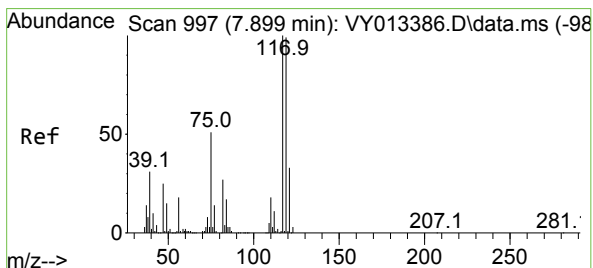
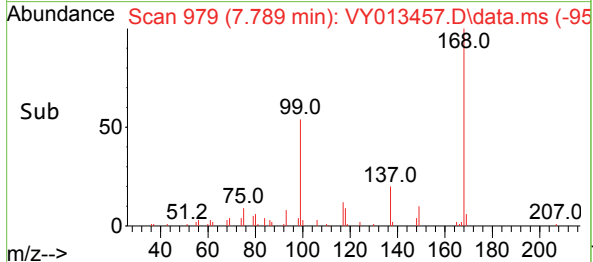
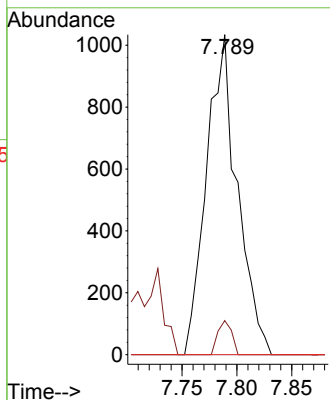
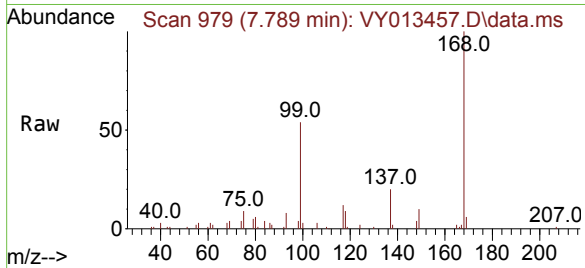




#36
 1,1-Dichloropropene
 Concen: 5.180 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY013457.D
 Acq: 25 Apr 2023 19:23

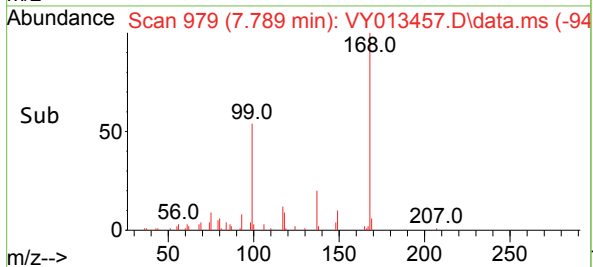
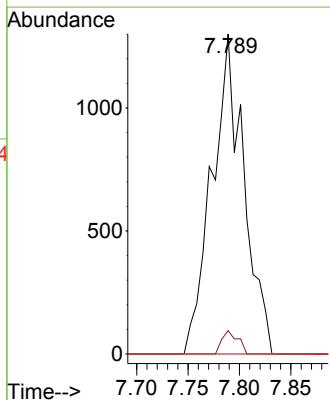
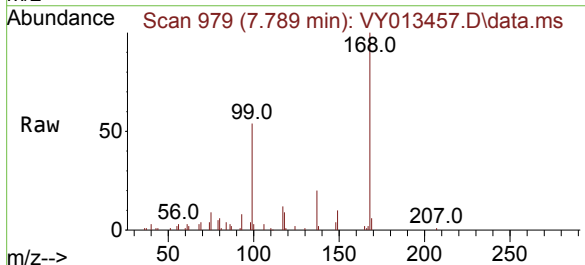
Instrument :
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 ClientSampleId :
 SB-06-9.5-10.0

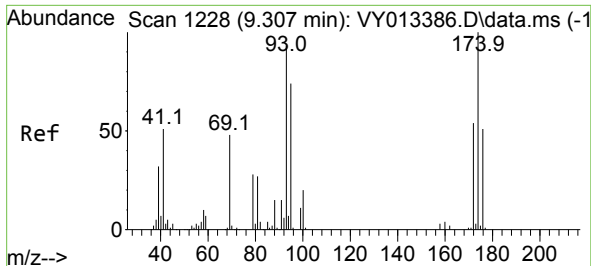
Tgt Ion: 75 Resp: 2023
 Ion Ratio Lower Upper
 75 100
 110 4.8 18.7 56.1#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.851 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY013457.D
 Acq: 25 Apr 2023 19:23

Tgt Ion: 117 Resp: 2804
 Ion Ratio Lower Upper
 117 100
 119 7.3 79.0 118.6#
 121 0.0 26.6 40.0#





#49

1,4-Dioxane

Concen: 9.358 ug/l

RT: 9.417 min Scan# 1246

Delta R.T. 0.110 min

Lab File: VY013457.D

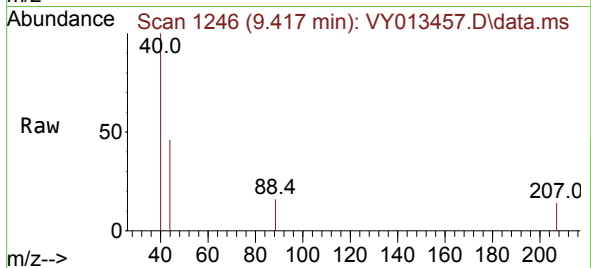
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Instrument :

MSVOA_Y

ClientSampleId :

SB-06-9.5-10.0



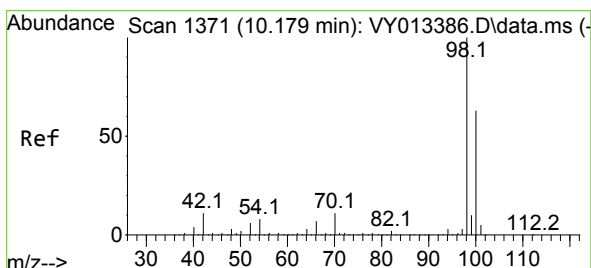
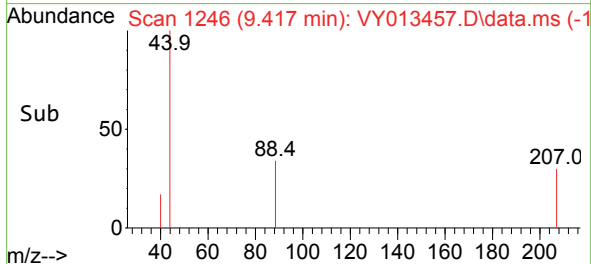
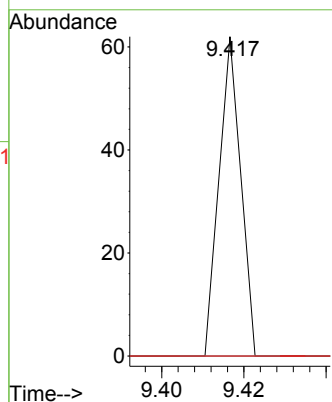
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 0.0 54.3 81.5#



#50

Toluene-d8

Concen: 52.209 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013457.D

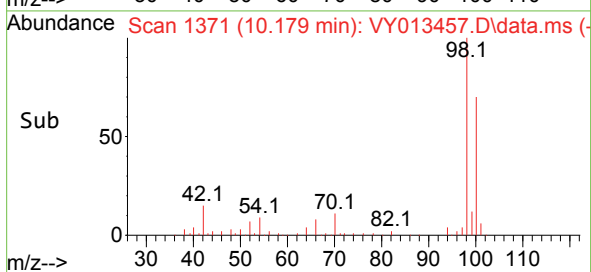
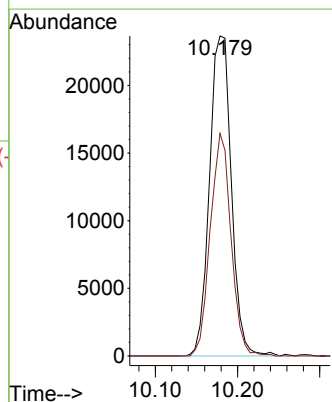
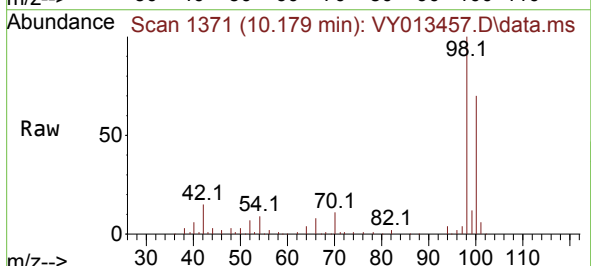
Acq: 25 Apr 2023 19:23

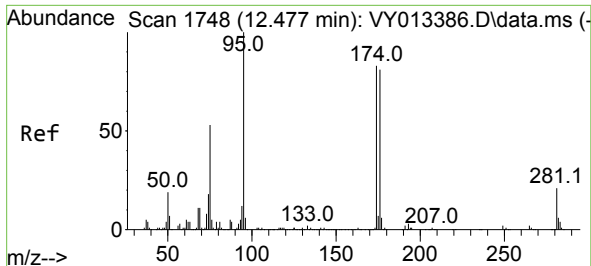
Tgt Ion: 98 Resp: 43703

Ion Ratio Lower Upper

98 100

100 65.9 50.5 75.7

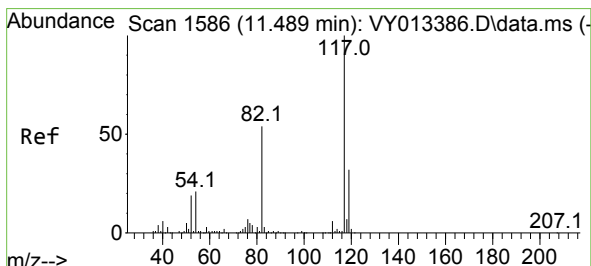
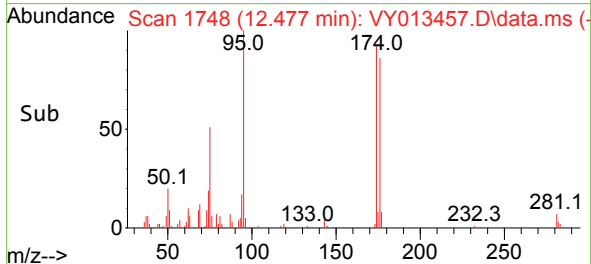
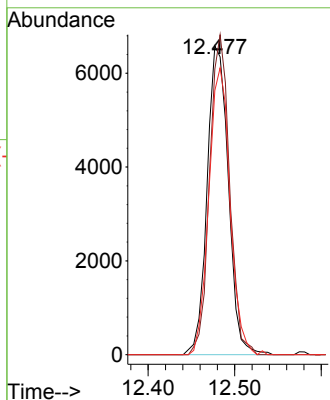
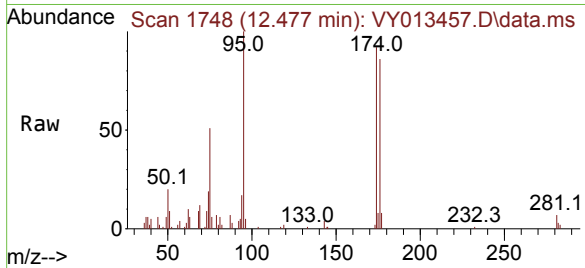




#62
4-Bromofluorobenzene
Concen: 39.660 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

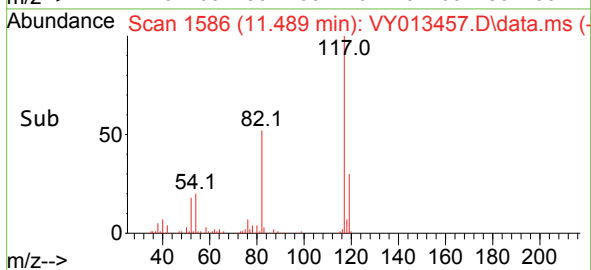
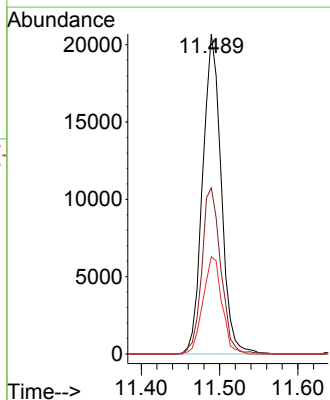
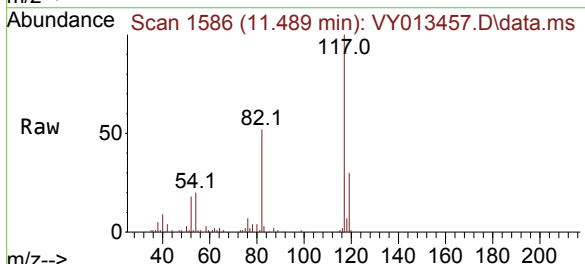
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-10.0

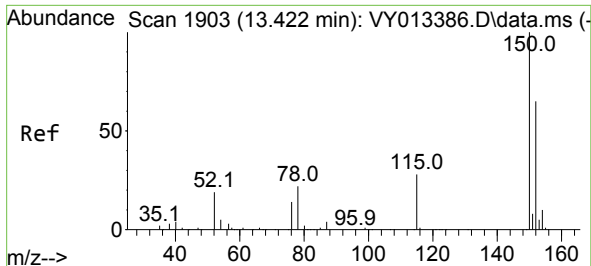
Tgt Ion: 95 Resp: 11192
Ion Ratio Lower Upper
95 100
174 97.7 0.0 182.0
176 93.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

Tgt Ion: 117 Resp: 33906
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.6
119 30.4 25.5 38.3

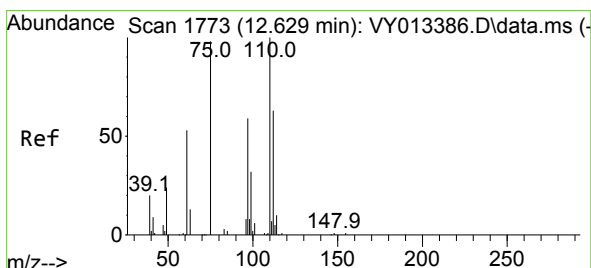
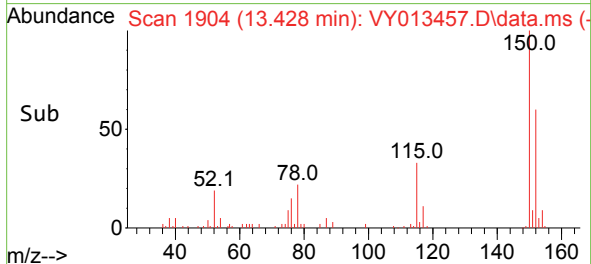
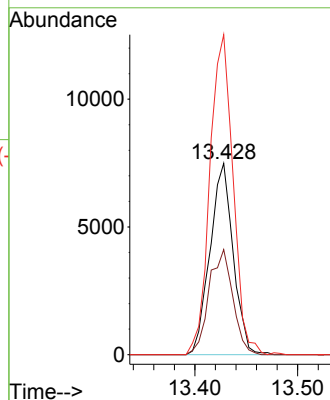
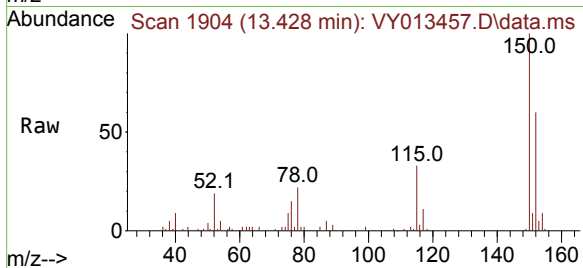




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY013457.D
 Acq: 25 Apr 2023 19:23

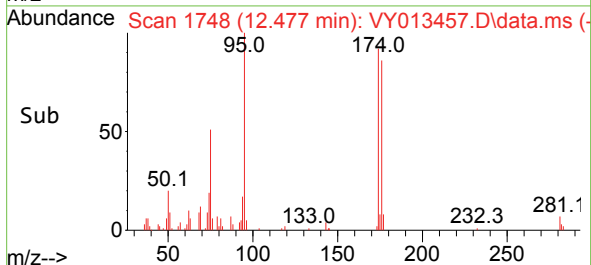
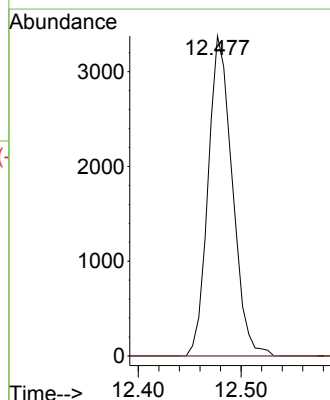
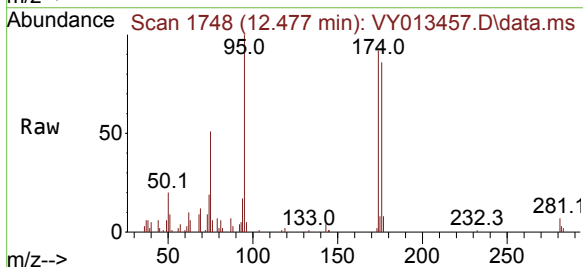
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-9.5-10.0

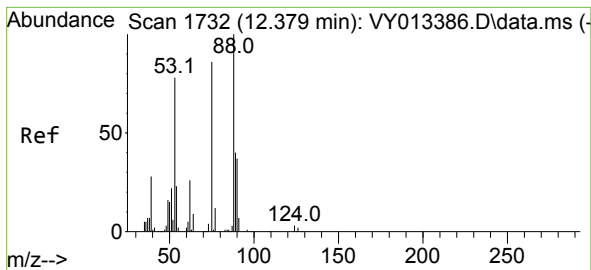
Tgt Ion:152 Resp: 11753
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.1 84.2
 150 166.6 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 34.794 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013457.D
 Acq: 25 Apr 2023 19:23

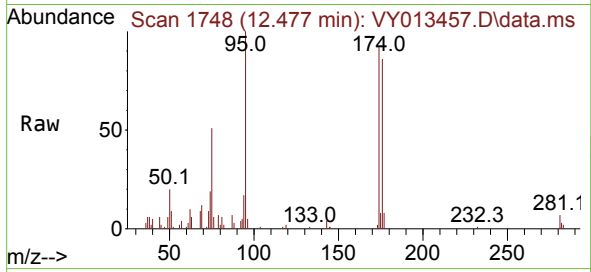
Tgt Ion: 75 Resp: 5515
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.173 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013457.D
 Acq: 25 Apr 2023 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-9.5-10.0



Tgt Ion:	75	Resp:	5515
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.2	109.8#
89	0.0	38.0	57.0#

