

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014561.D
 Acq On : 05 Jul 2023 16:20
 Operator : KP/MD
 Sample : 03492-01
 Misc : 4.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TB-TP1

Quant Time: Jul 06 01:34:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

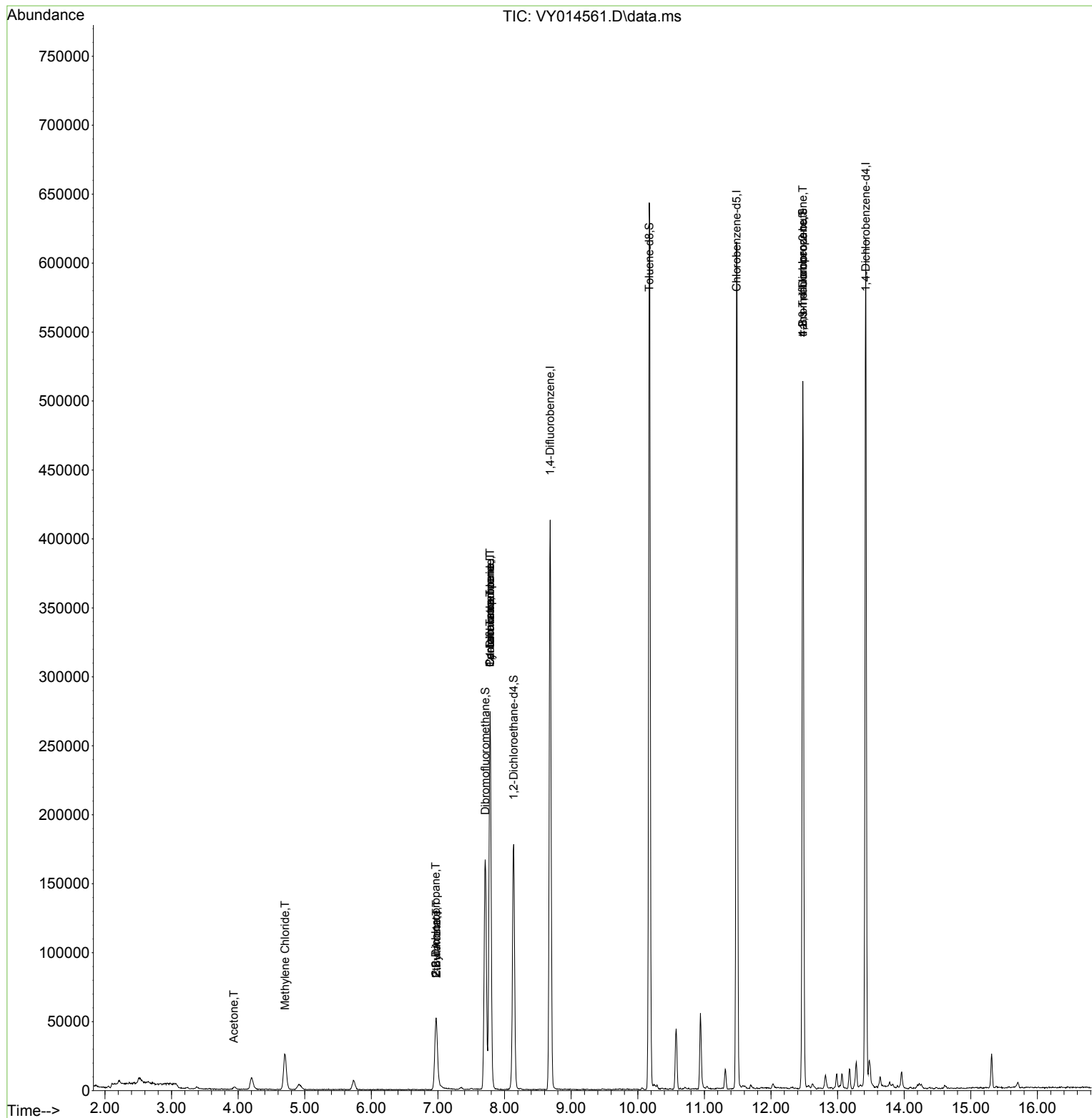
Internal Standards						
1) Pentafluorobenzene	7.783	168	226732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	364118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	352914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	140879	62.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.920%	
35) Dibromofluoromethane	7.710	113	122492	54.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.260%	
50) Toluene-d8	10.173	98	443136	49.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.980%	
62) 4-Bromofluorobenzene	12.477	95	144986	47.105	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	5122	Below Cal	#	89
13) Acrolein	3.729	56	24	Below Cal	#	14
16) Acetone	3.936	43	3284	4.662	ug/l	95
20) Methylene Chloride	4.704	84	19620	2.830	ug/l	93
25) 2-Butanone	6.978	43	2947	2.826	ug/l #	72
26) 2,2-Dichloropropane	6.966	77	3990	1.129	ug/l #	54
31) Cyclohexane	7.783	56	4121	1.165	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16286	4.743	ug/l #	48
37) Ethyl Acetate	6.978	43	2947	1.251	ug/l #	1
38) Carbon Tetrachloride	7.783	117	19635	5.478	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	70124	36.999	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70124	72.015	ug/l #	11

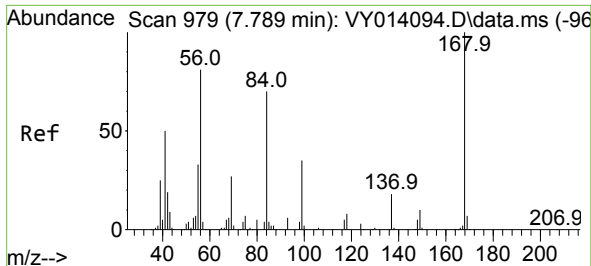
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
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Quant Title : SW846 8260
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Response via : Initial Calibration

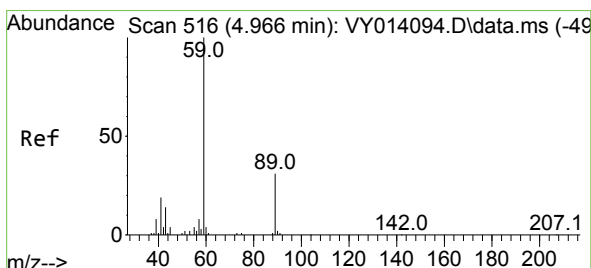
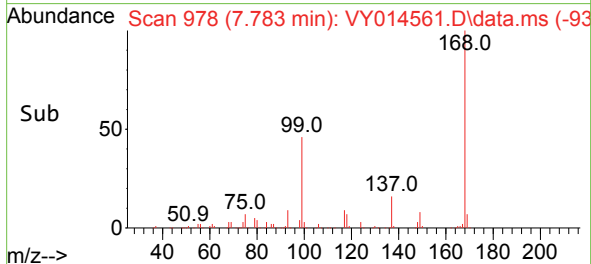
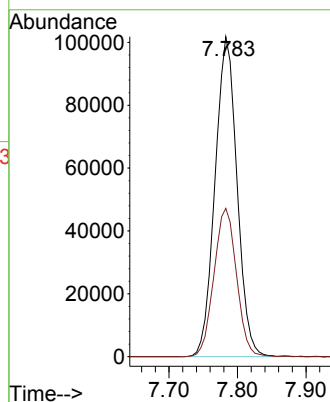
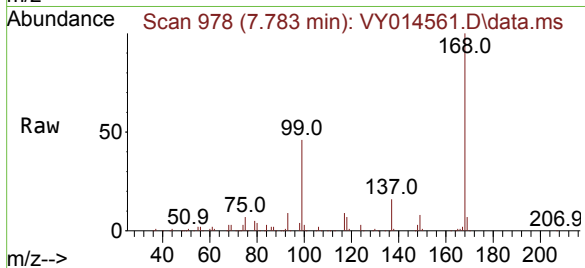




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

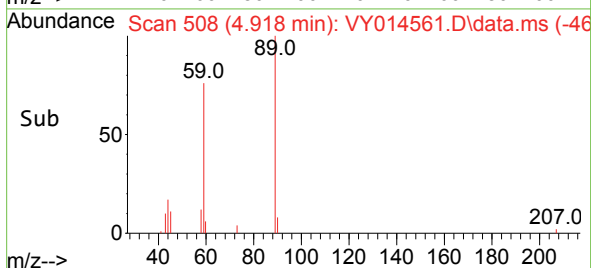
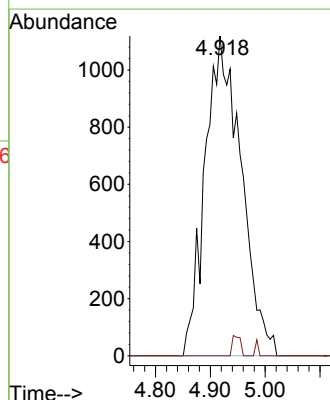
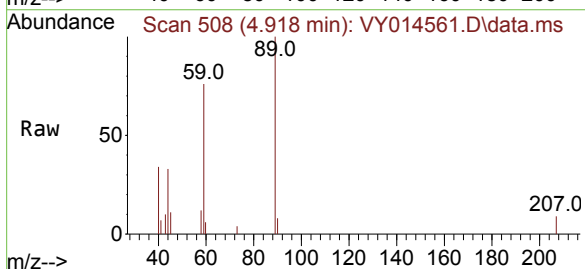
Instrument :
MSVOA_Y
ClientSampleId :
TB-TP1

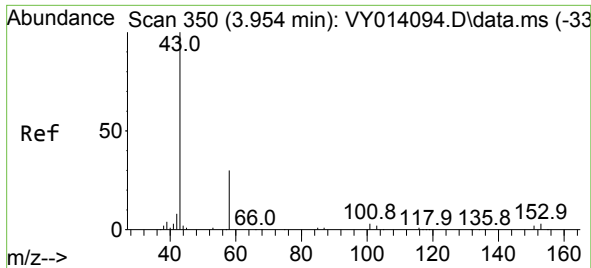
Tgt Ion:168 Resp: 226732
Ion Ratio Lower Upper
168 100
99 46.4 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.048 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

Tgt Ion: 59 Resp: 5122
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 4.662 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.018 min

Lab File: VY014561.D

Acq: 05 Jul 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

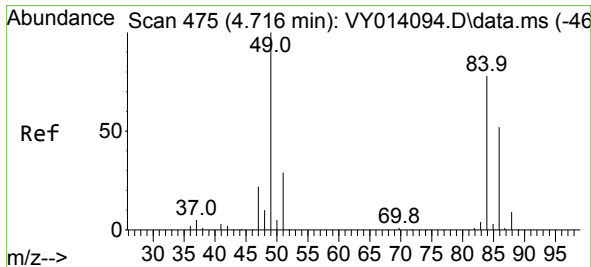
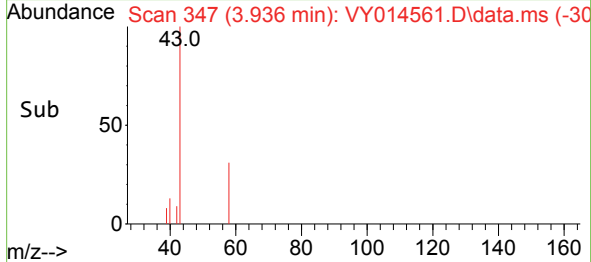
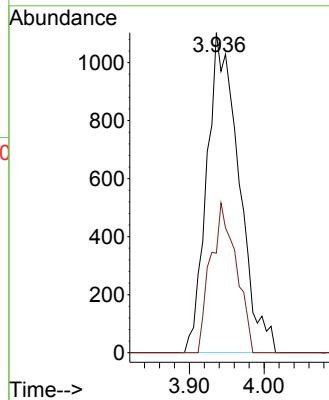
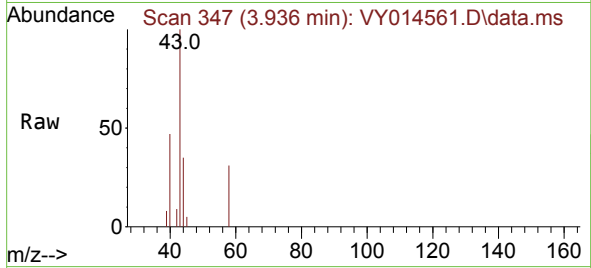
TB-TP1

Tgt Ion: 43 Resp: 3284

Ion Ratio Lower Upper

43 100

58 31.1 22.7 34.1



#20

Methylene Chloride

Concen: 2.830 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY014561.D

Acq: 05 Jul 2023 16:20

Tgt Ion: 84 Resp: 19620

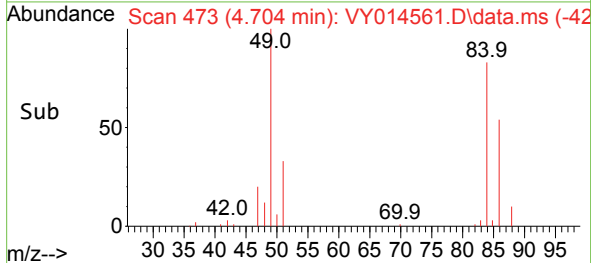
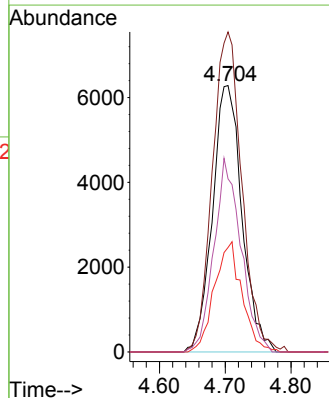
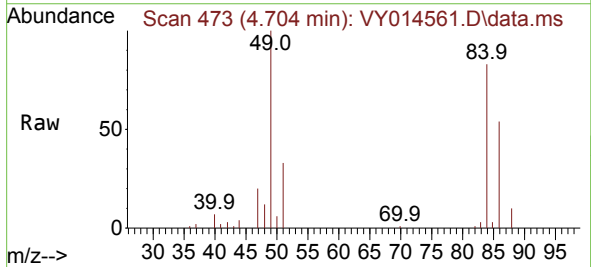
Ion Ratio Lower Upper

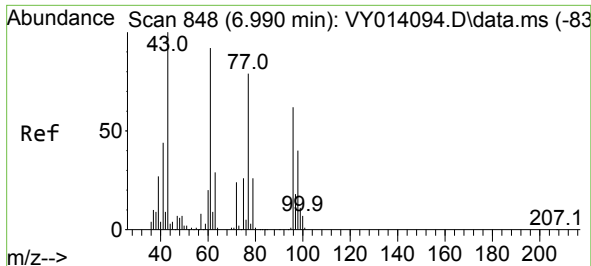
84 100

49 120.1 106.9 160.3

51 39.2 33.2 49.8

86 65.0 51.0 76.6

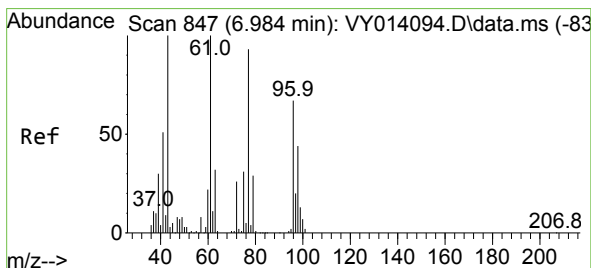
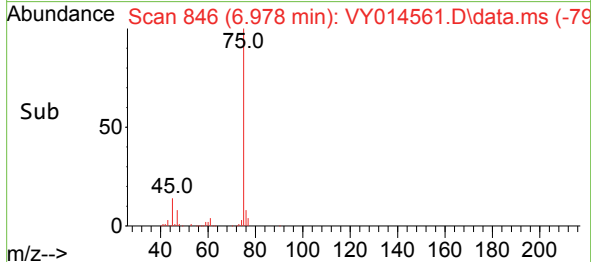
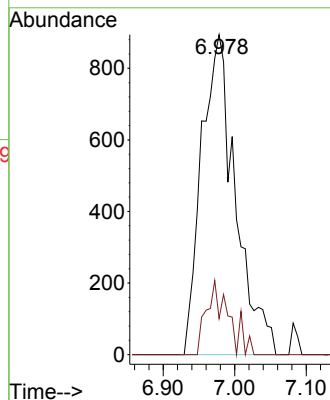
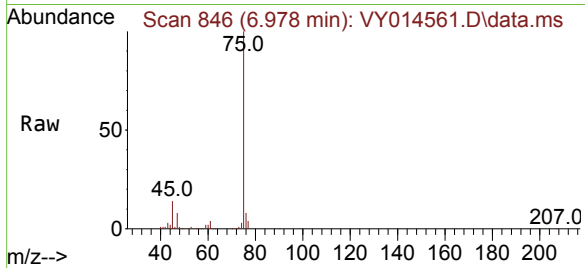




#25
2-Butanone
Concen: 2.826 ug/l
RT: 6.978 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

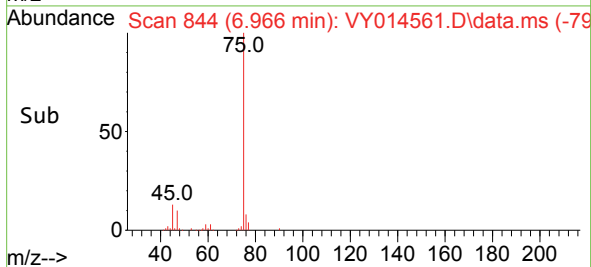
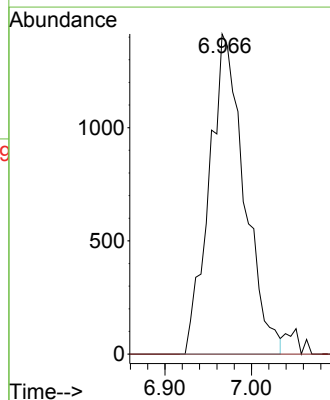
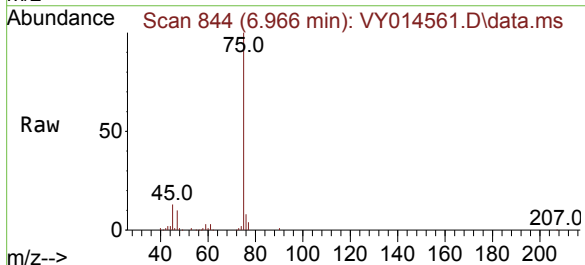
Instrument :
MSVOA_Y
ClientSampleId :
TB-TP1

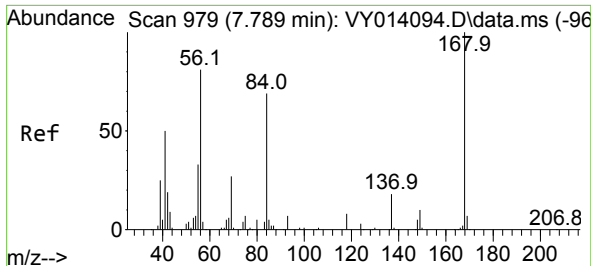
Tgt Ion: 43 Resp: 2947
Ion Ratio Lower Upper
43 100
72 11.3 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.129 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

Tgt Ion: 77 Resp: 3990
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

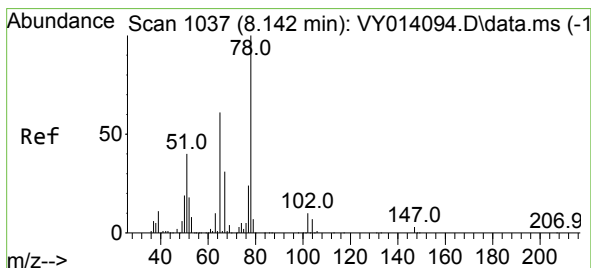
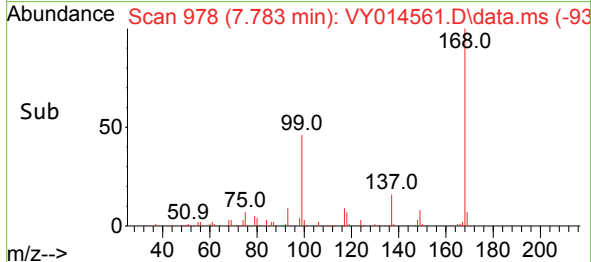
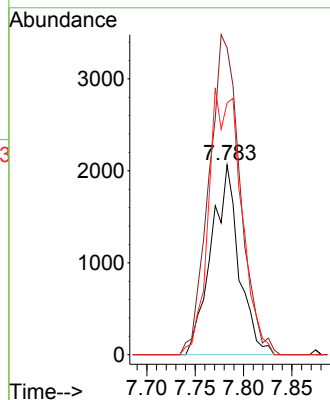
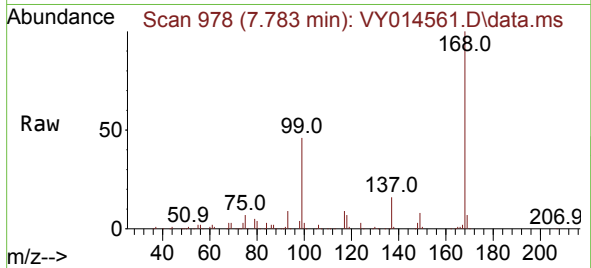




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

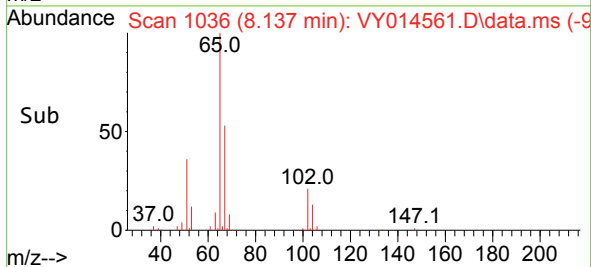
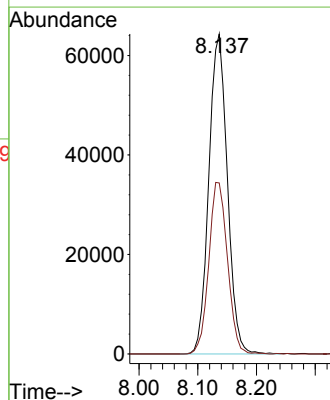
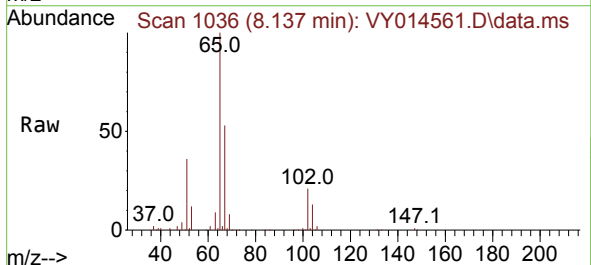
Instrument :
MSVOA_Y
ClientSampleId :
TB-TP1

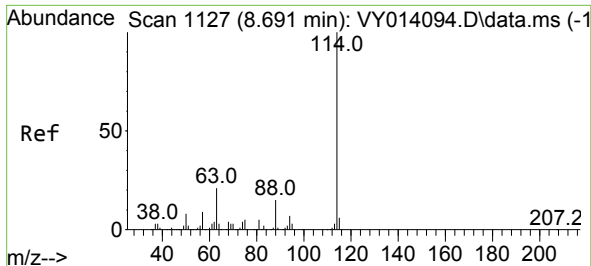
Tgt Ion: 56 Resp: 4121
Ion Ratio Lower Upper
56 100
69 161.8 27.8 41.6#
84 132.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.460 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

Tgt Ion: 65 Resp: 140879
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8

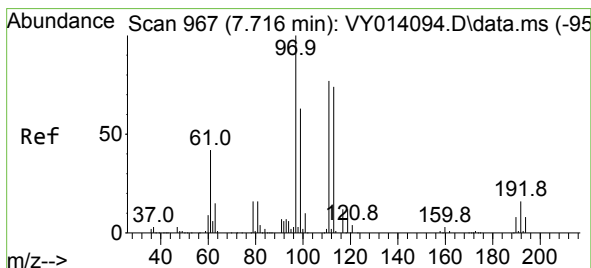
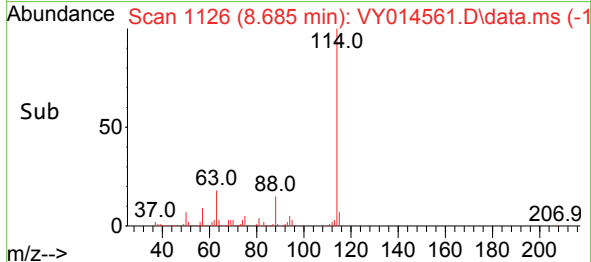
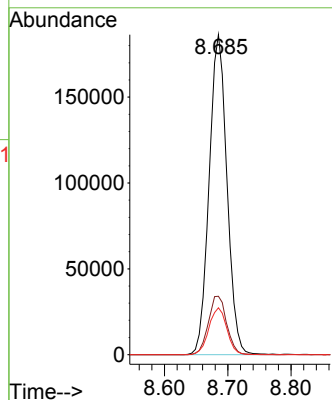
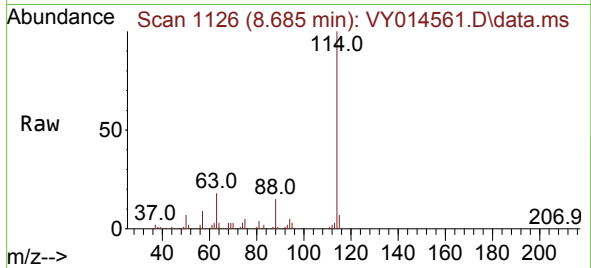




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

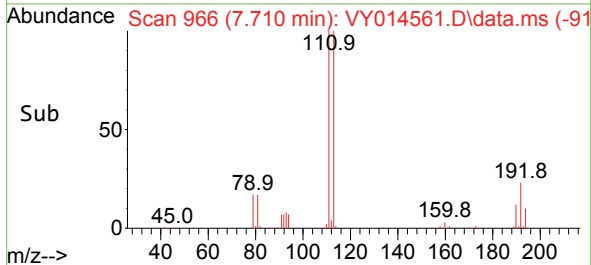
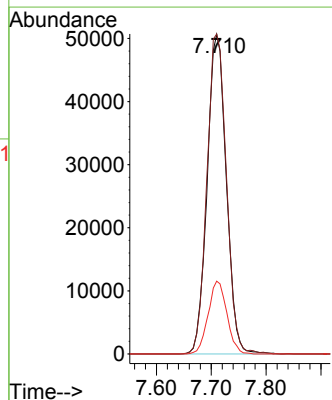
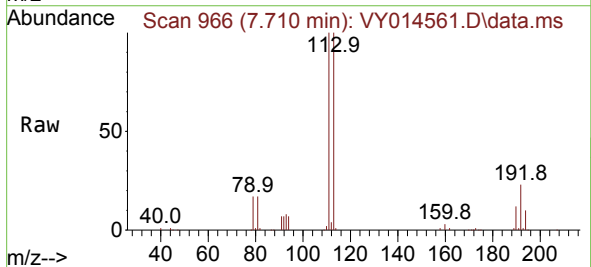
Instrument :
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ClientSampleId :
TB-TP1

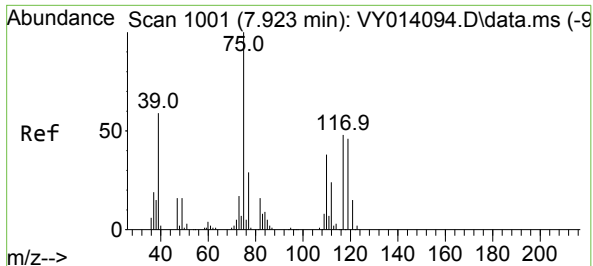
Tgt Ion:114 Resp: 364118
Ion Ratio Lower Upper
114 100
63 18.3 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.629 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

Tgt Ion:113 Resp: 122492
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 22.3 16.9 25.3

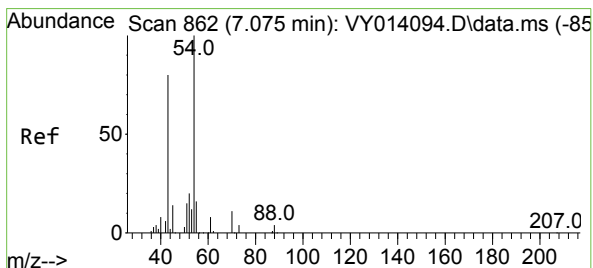
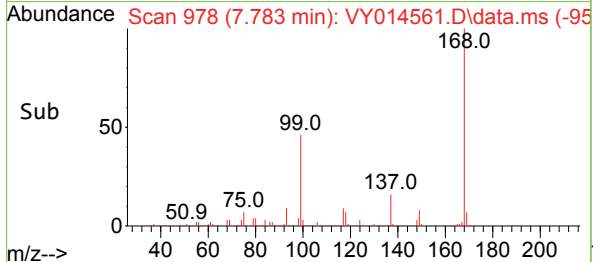
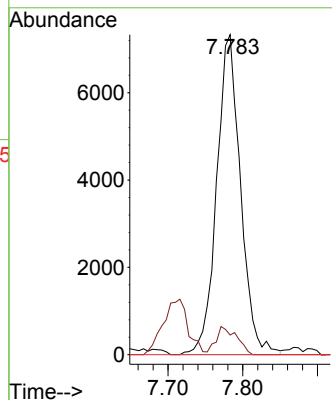
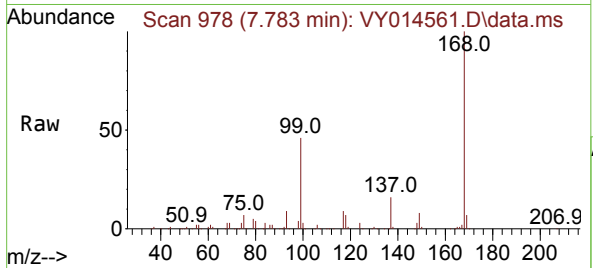




#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

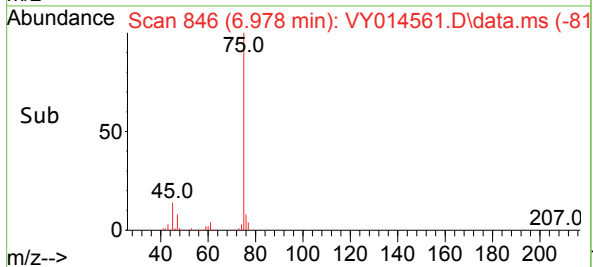
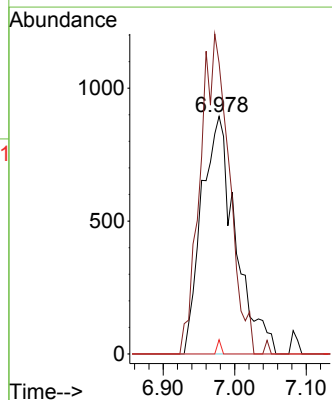
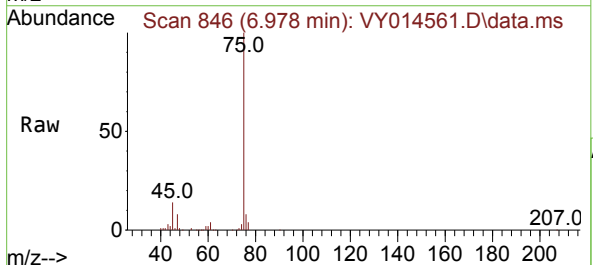
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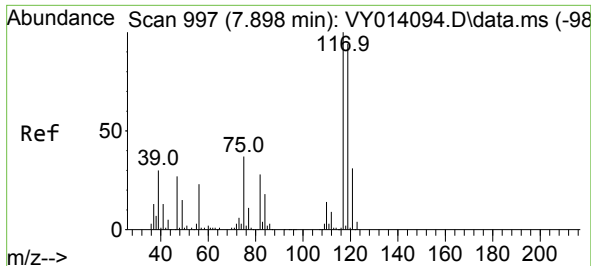
Tgt Ion: 75 Resp: 16286
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.251 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.097 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

Tgt Ion: 43 Resp: 2947
Ion Ratio Lower Upper
43 100
61 115.5 10.1 15.1#
70 0.7 7.1 10.7#

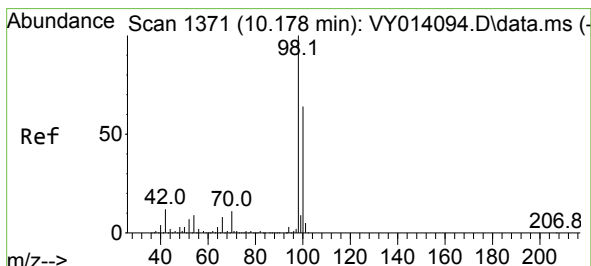
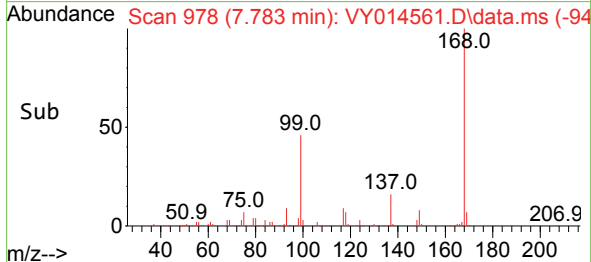
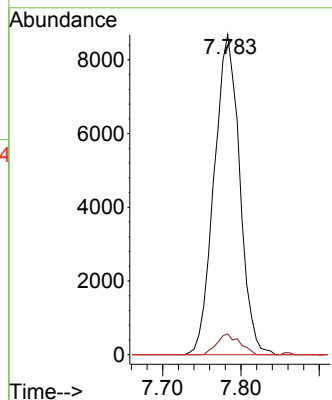
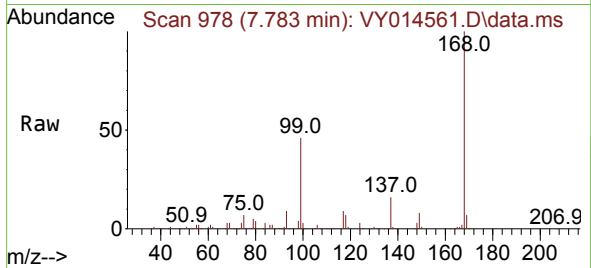




#38
Carbon Tetrachloride
Concen: 5.478 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

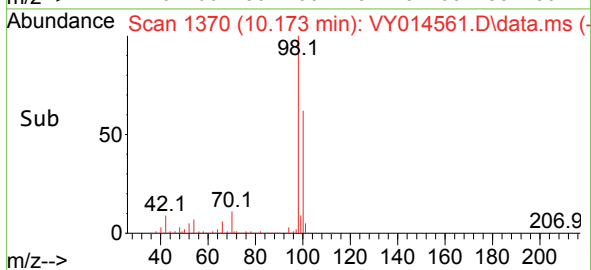
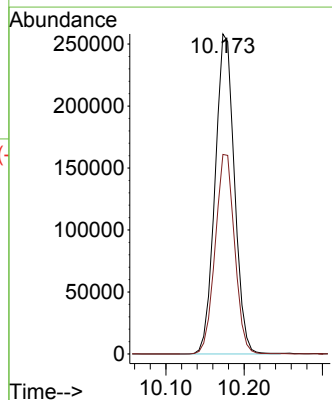
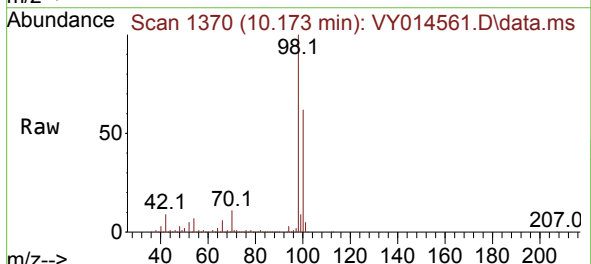
Instrument :
MSVOA_Y
ClientSampleId :
TB-TP1

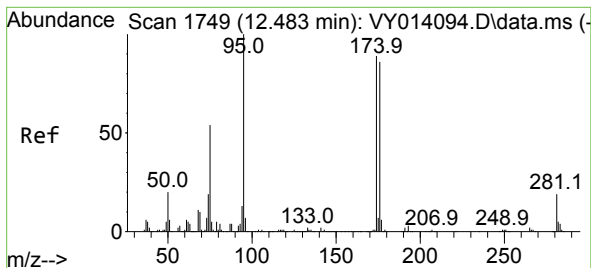
Tgt Ion:117 Resp: 19635
Ion Ratio Lower Upper
117 100
119 6.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.993 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

Tgt Ion: 98 Resp: 443136
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

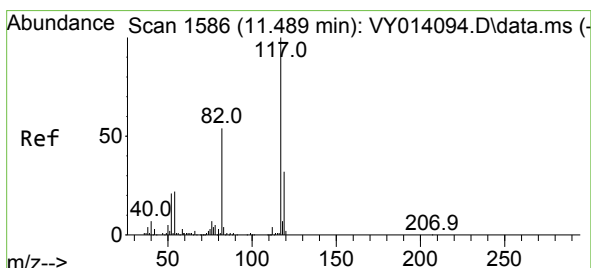
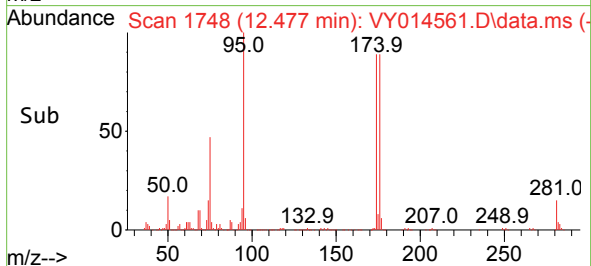
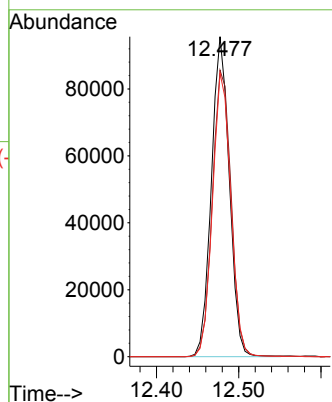
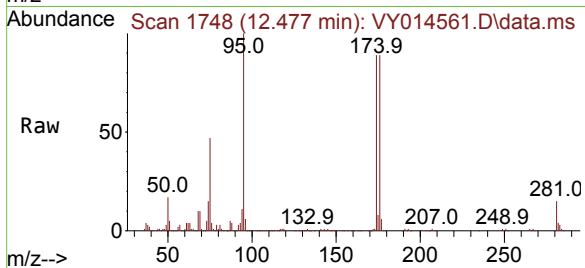




#62
4-Bromofluorobenzene
Concen: 47.105 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

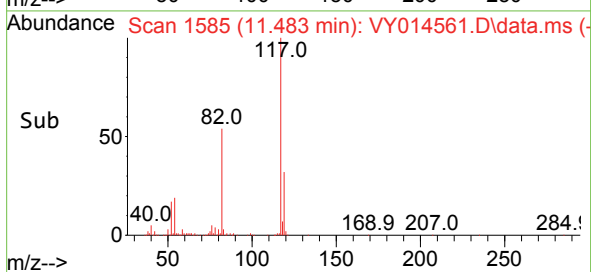
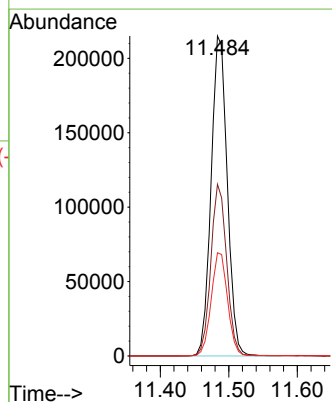
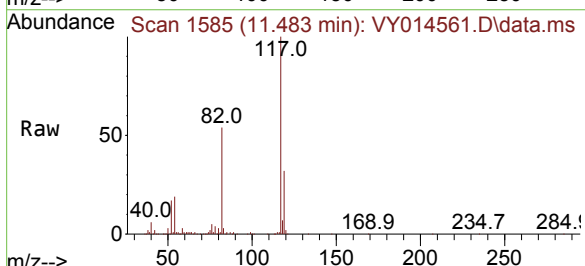
Instrument :
MSVOA_Y
ClientSampleId :
TB-TP1

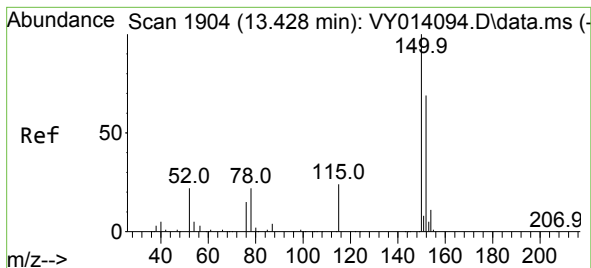
Tgt Ion: 95 Resp: 144986
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 90.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

Tgt Ion: 117 Resp: 352914
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.2 26.3 39.5

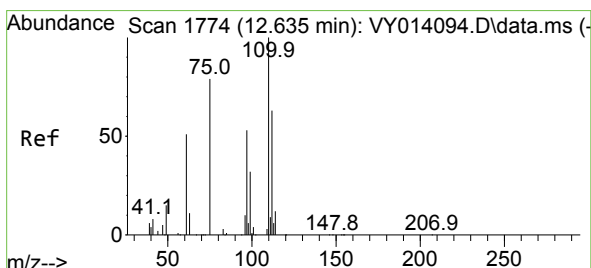
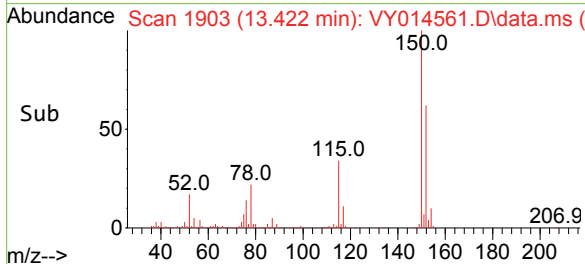
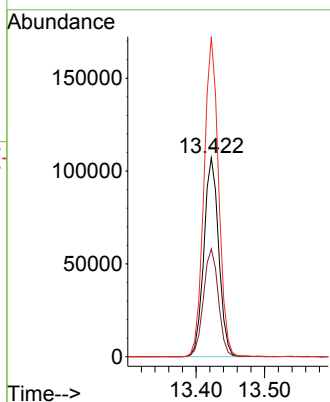
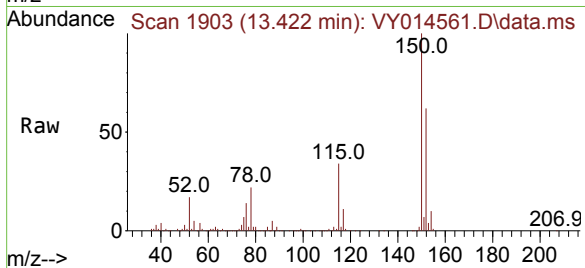




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014561.D
 Acq: 05 Jul 2023 16:20

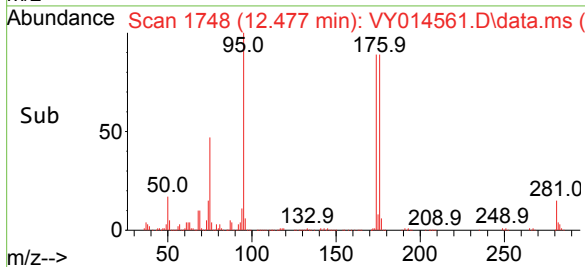
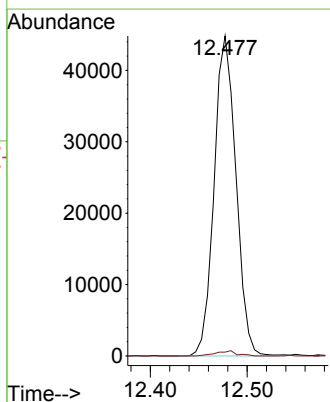
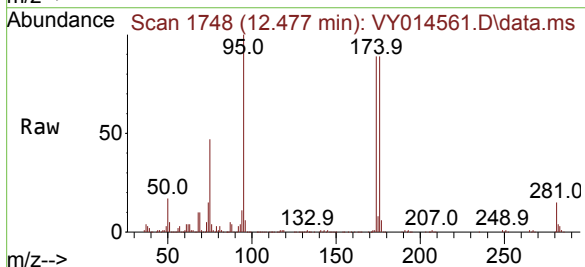
Instrument :
 MSVOA_Y
 ClientSampleId :
 TB-TP1

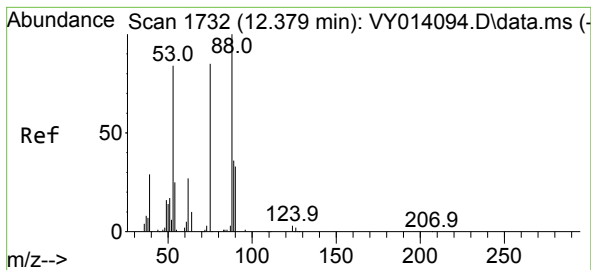
Tgt Ion:152 Resp: 161513
 Ion Ratio Lower Upper
 152 100
 115 54.4 28.8 86.5
 150 158.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 36.999 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014561.D
 Acq: 05 Jul 2023 16:20

Tgt Ion: 75 Resp: 70124
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.015 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014561.D
 Acq: 05 Jul 2023 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 TB-TP1

Tgt Ion: 75 Resp: 70124
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.3 37.4 56.0#

