

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014444.D
 Acq On : 26 Jun 2023 19:11
 Operator : KP/MD
 Sample : 03375-07
 Misc : 3.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(0-2)

Quant Time: Jun 27 01:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

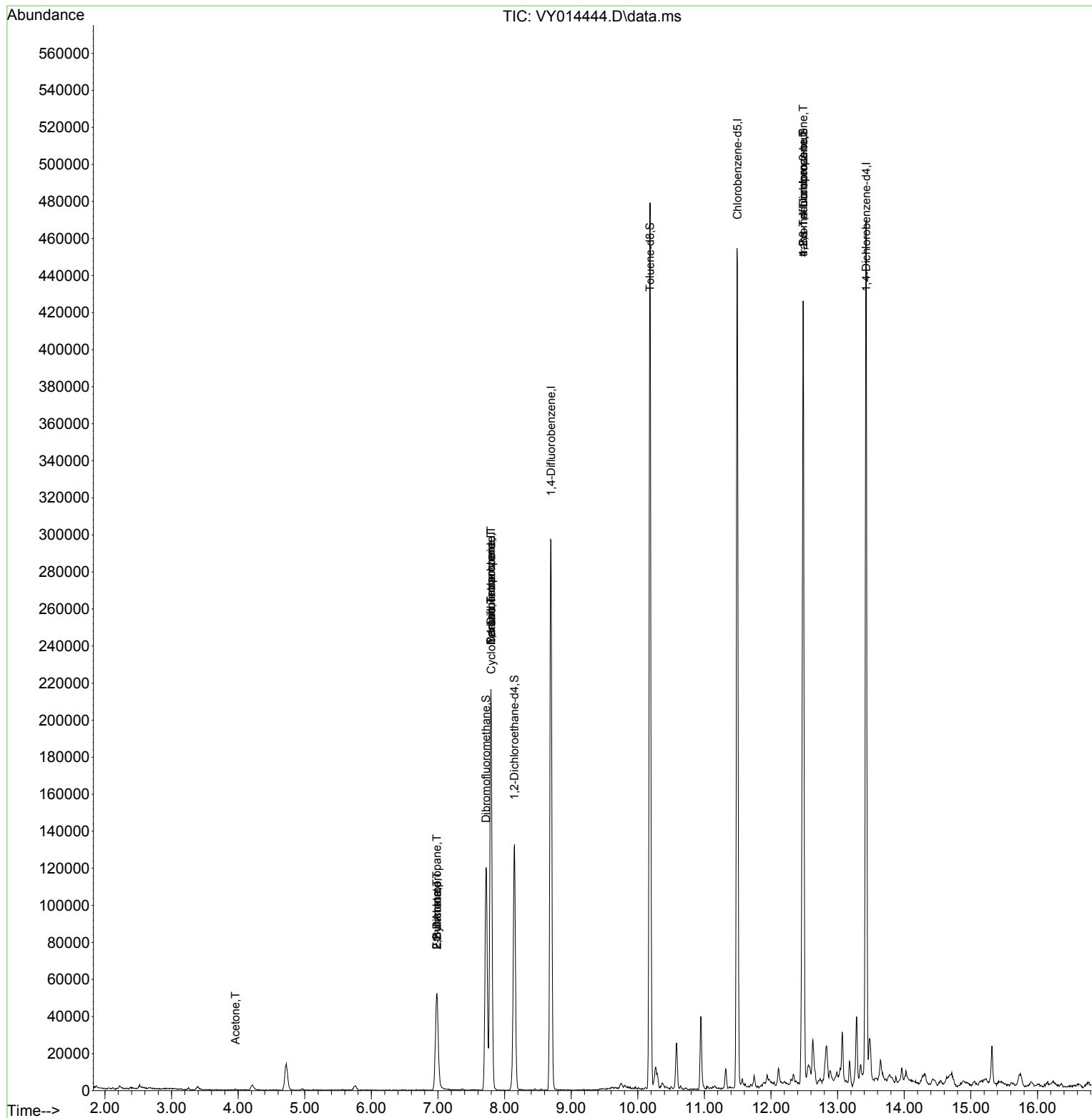
Internal Standards						
1) Pentafluorobenzene	7.795	168	174376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	260228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	248978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114740	52.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.000%	
35) Dibromofluoromethane	7.722	113	80737	50.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.440%	
50) Toluene-d8	10.185	98	311365	48.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.440%	
62) 4-Bromofluorobenzene	12.483	95	108315	47.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1162	Below Cal	#	81
16) Acetone	3.960	43	799	1.173	ug/l	98
20) Methylene Chloride	4.722	84	10718	Below Cal		96
25) 2-Butanone	6.984	43	2863	3.374	ug/l #	69
26) 2,2-Dichloropropane	6.984	77	4230	1.321	ug/l #	54
31) Cyclohexane	7.801	56	3559	1.331	ug/l #	42
36) 1,1-Dichloropropene	7.795	75	12444	5.023	ug/l #	52
37) Ethyl Acetate	6.984	43	2863	1.677	ug/l #	1
38) Carbon Tetrachloride	7.795	117	16736	5.368	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	62819	41.330	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62819	94.094	ug/l #	11

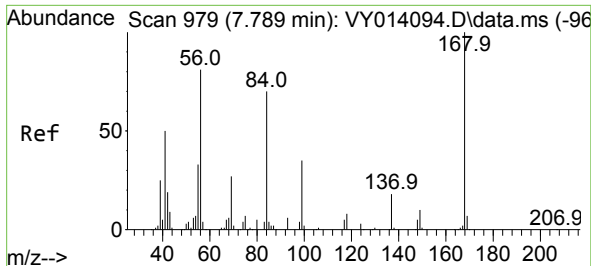
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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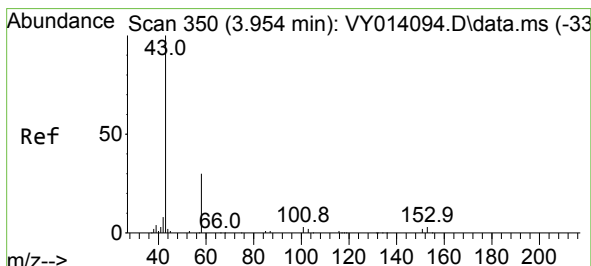
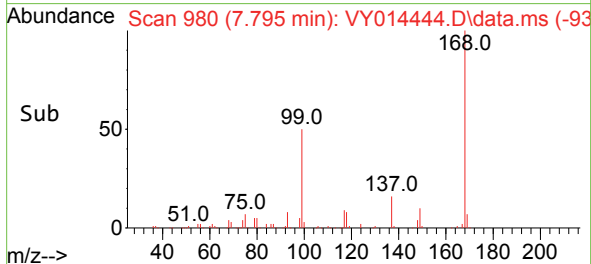
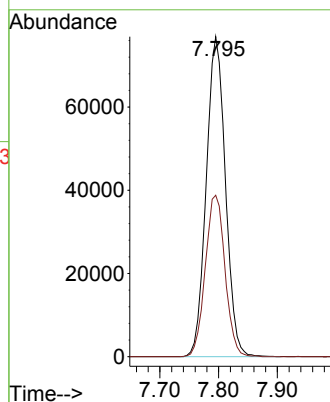
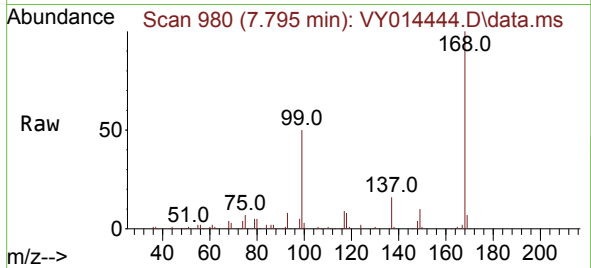




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

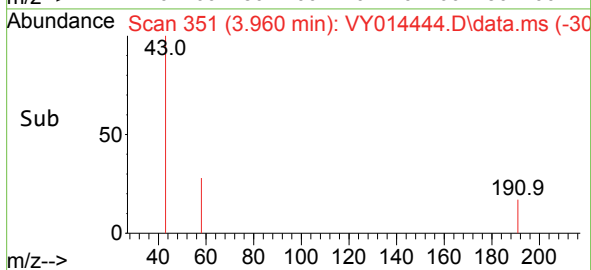
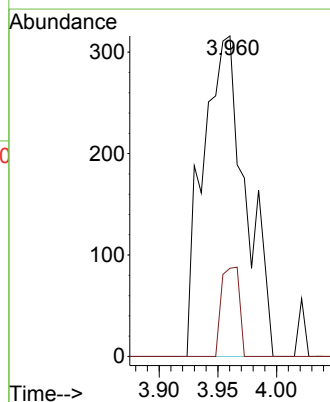
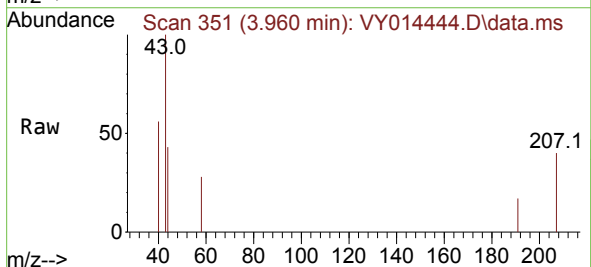
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(0-2)

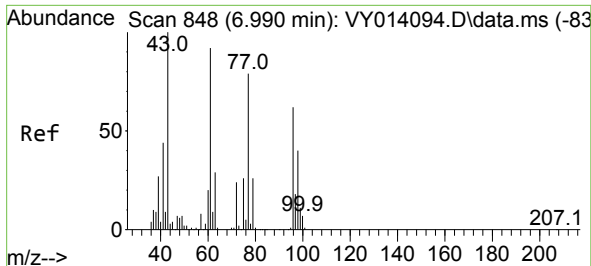
Tgt Ion:168 Resp: 174376
Ion Ratio Lower Upper
168 100
99 50.5 43.4 65.0



#16
Acetone
Concen: 1.173 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
58 27.5 22.7 34.1





#25

2-Butanone

Concen: 3.374 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY014444.D

Acq: 26 Jun 2023 19:11

Instrument :

MSVOA_Y

ClientSampleId :

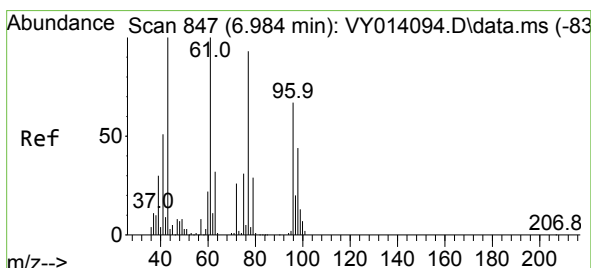
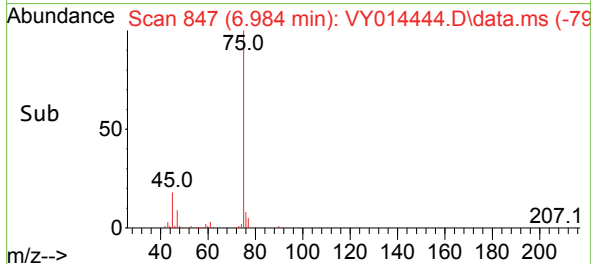
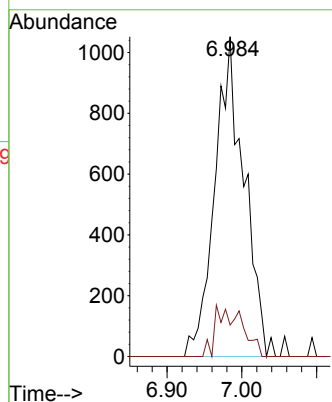
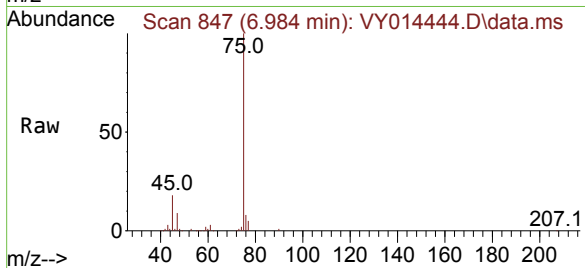
SB-3(0-2)

Tgt Ion: 43 Resp: 2863

Ion Ratio Lower Upper

43 100

72 9.9 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.321 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014444.D

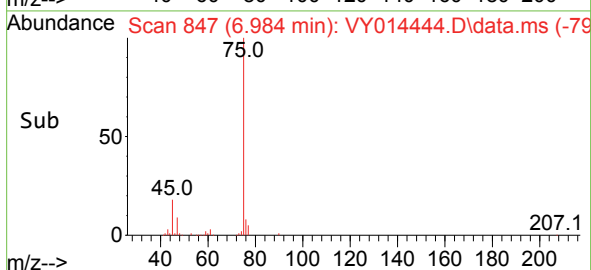
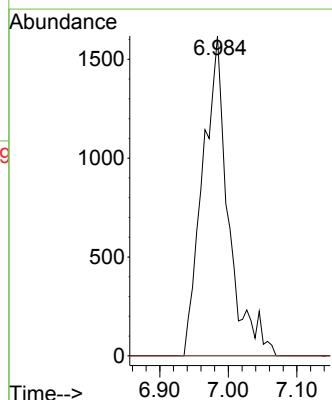
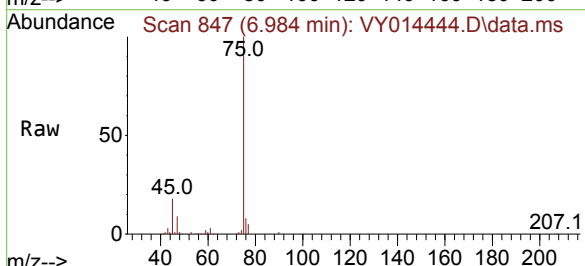
Acq: 26 Jun 2023 19:11

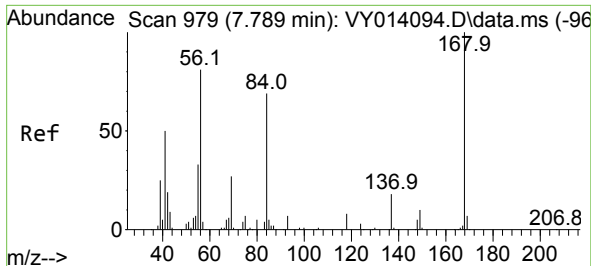
Tgt Ion: 77 Resp: 4230

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

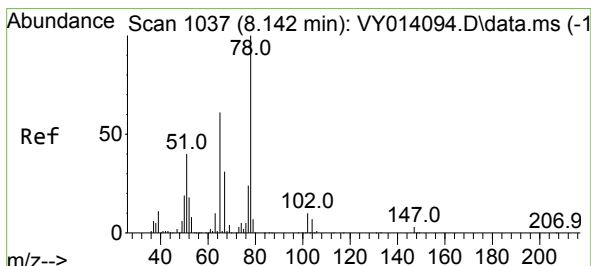
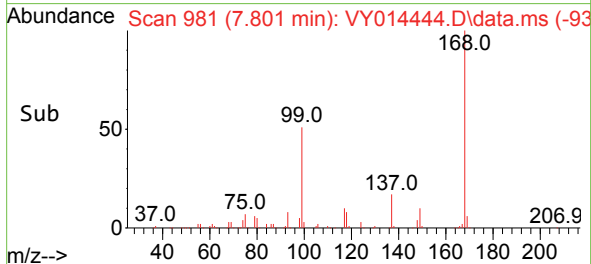
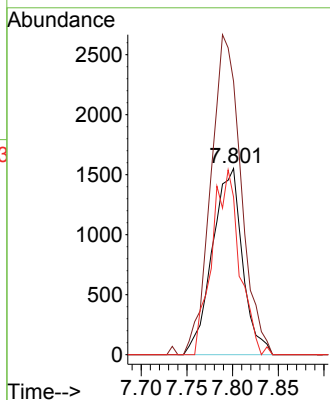
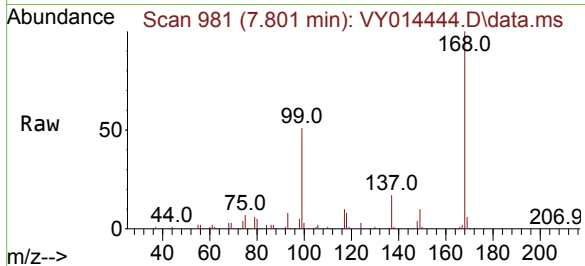




#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

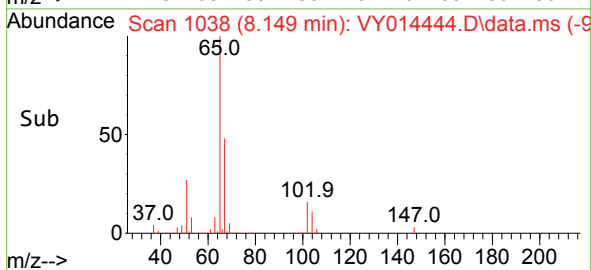
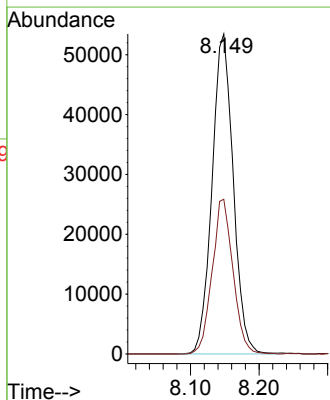
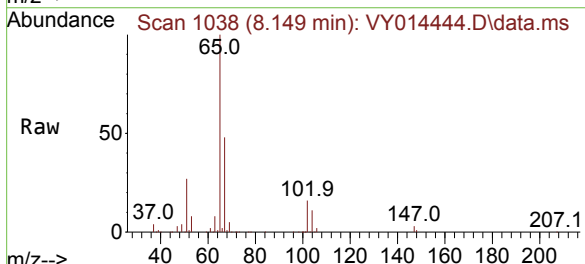
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(0-2)

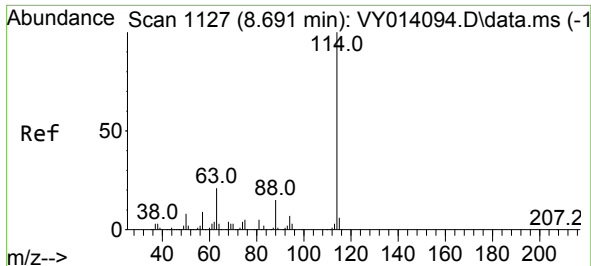
Tgt Ion: 56 Resp: 3559
Ion Ratio Lower Upper
56 100
69 146.7 27.8 41.6#
84 84.6 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 52.997 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

Tgt Ion: 65 Resp: 114740
Ion Ratio Lower Upper
65 100
67 47.6 0.0 101.8

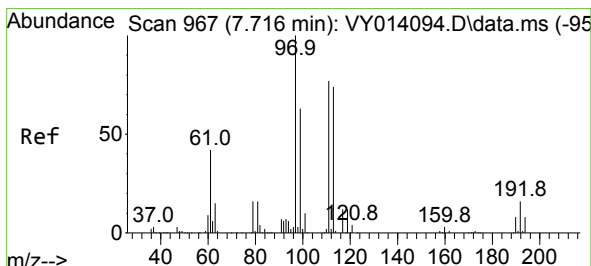
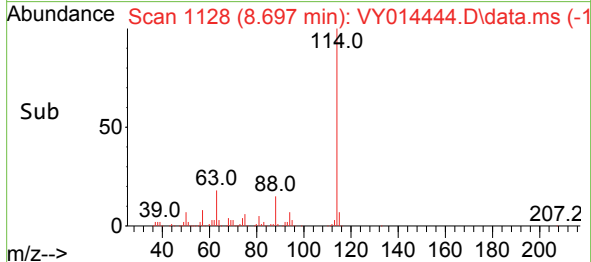
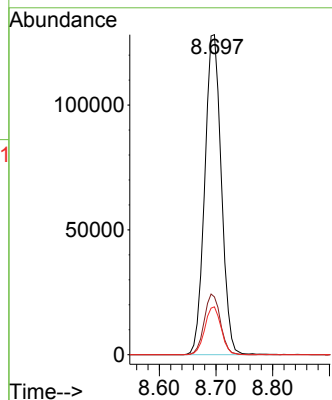
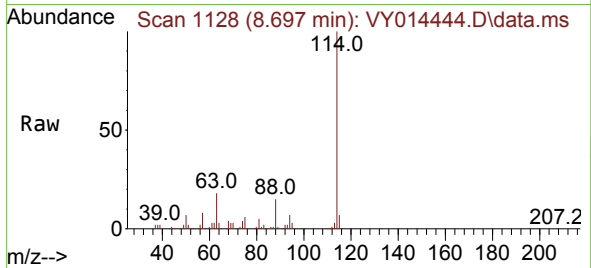




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

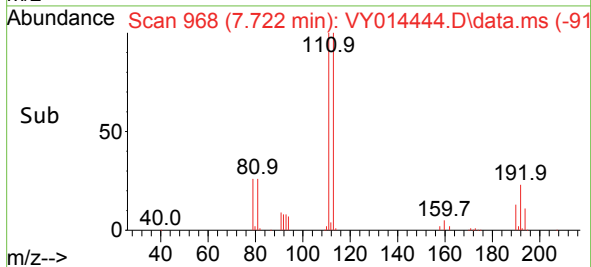
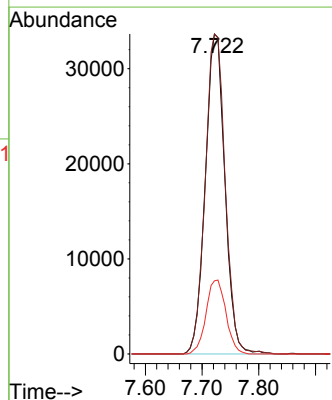
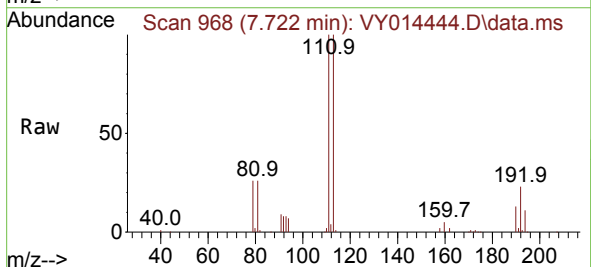
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(0-2)

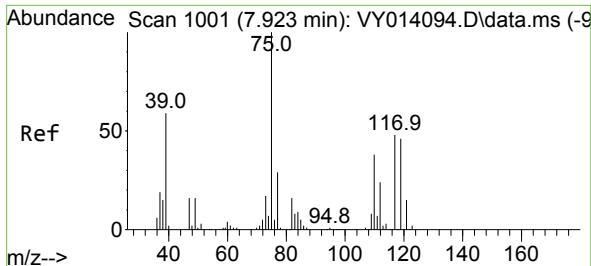
Tgt Ion:114 Resp: 260228
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.218 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

Tgt Ion:113 Resp: 80737
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 23.5 16.9 25.3

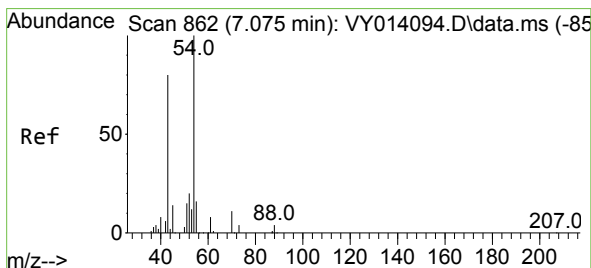
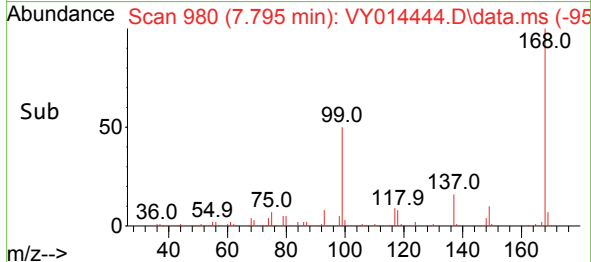
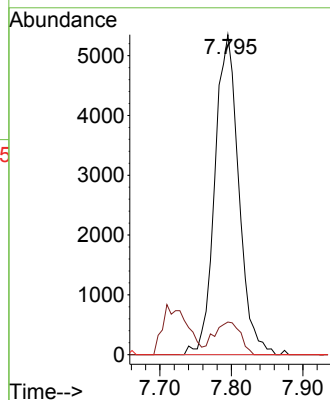
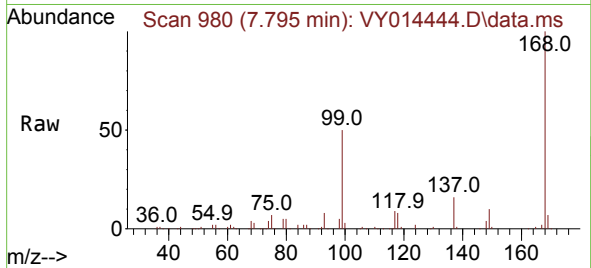




#36
 1,1-Dichloropropene
 Concen: 5.023 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY014444.D
 Acq: 26 Jun 2023 19:11

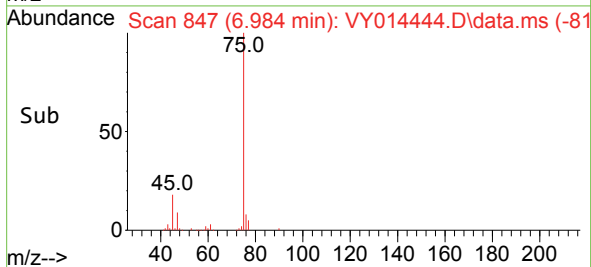
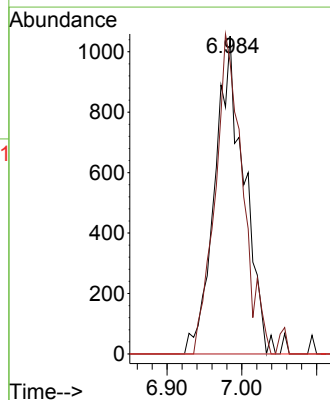
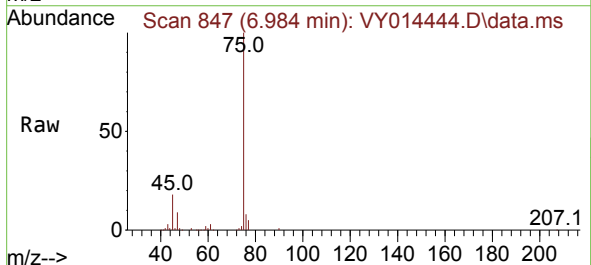
Instrument :
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 ClientSampleId :
 SB-3(0-2)

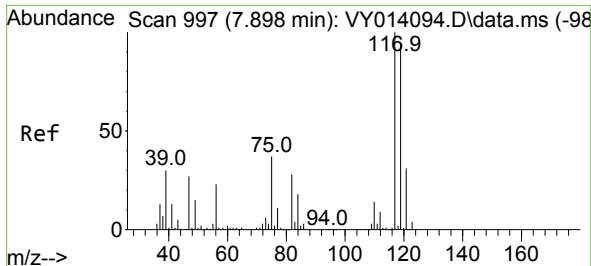
Tgt Ion: 75 Resp: 12444
 Ion Ratio Lower Upper
 75 100
 110 11.3 17.8 53.5#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.677 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.091 min
 Lab File: VY014444.D
 Acq: 26 Jun 2023 19:11

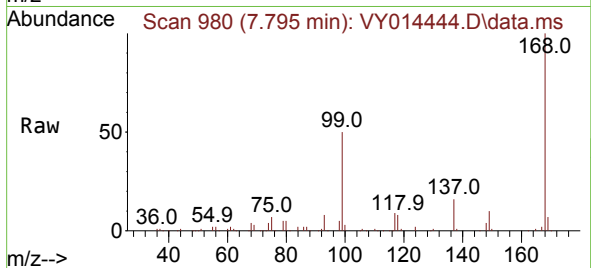
Tgt Ion: 43 Resp: 2863
 Ion Ratio Lower Upper
 43 100
 61 94.9 10.1 15.1#
 70 0.0 7.1 10.7#



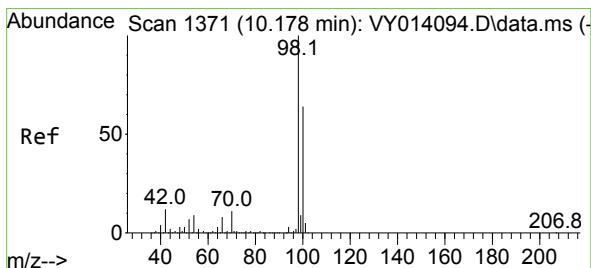
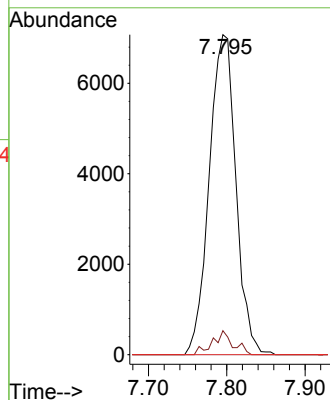
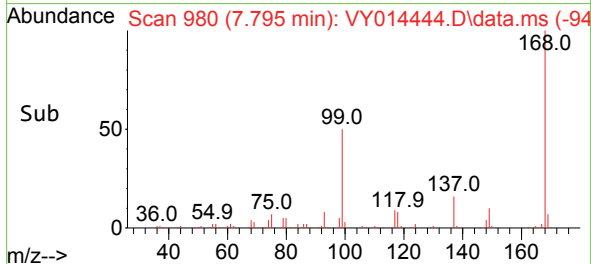


#38
Carbon Tetrachloride
Concen: 5.368 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-3(0-2)

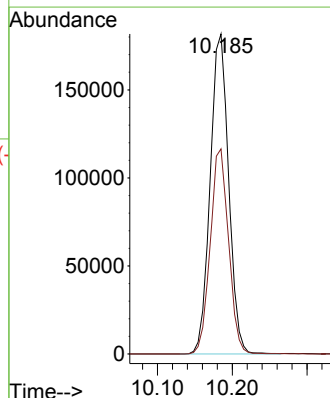
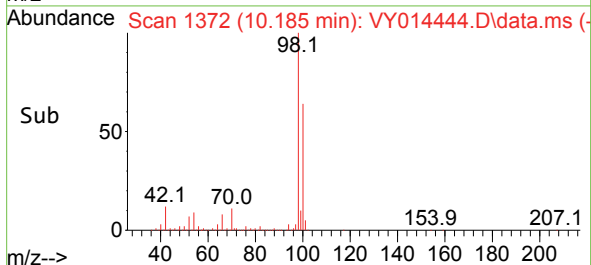
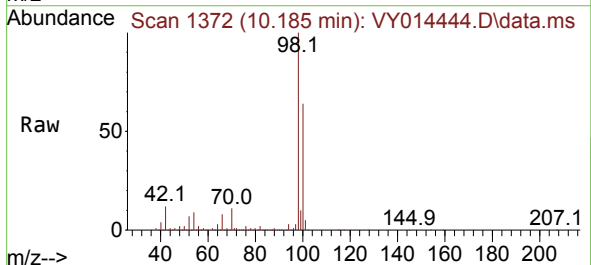


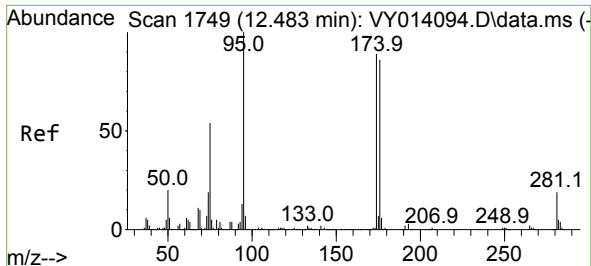
Tgt Ion:117 Resp: 16736
Ion Ratio Lower Upper
117 100
119 7.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.719 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

Tgt Ion: 98 Resp: 311365
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

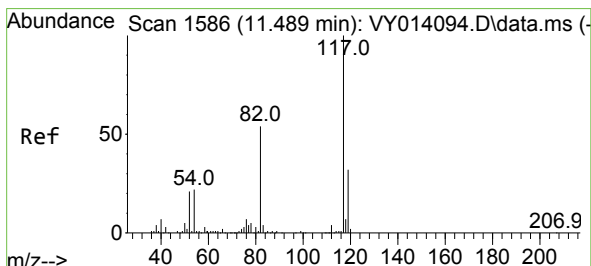
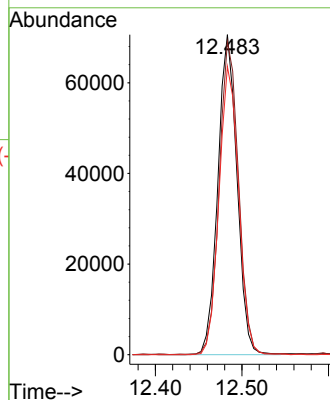
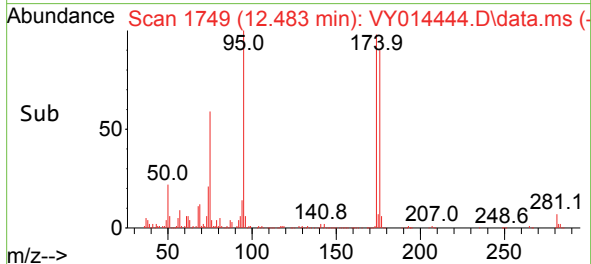
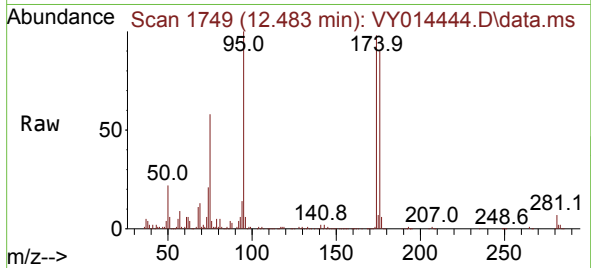




#62
4-Bromofluorobenzene
Concen: 47.473 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

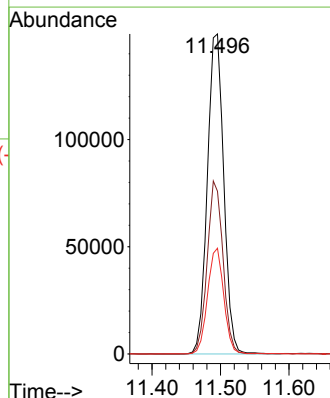
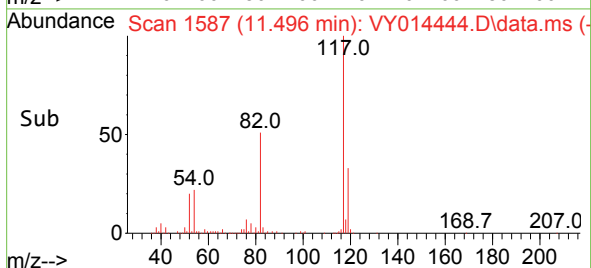
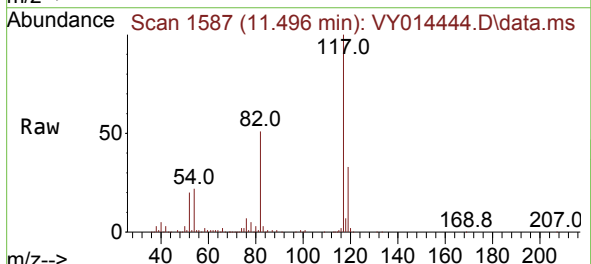
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(0-2)

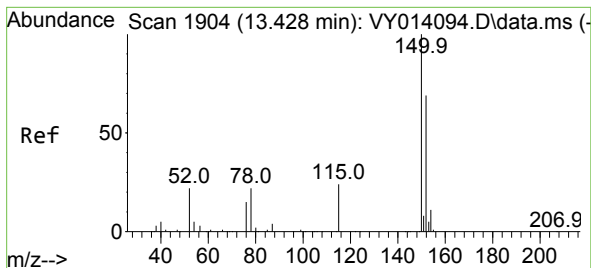
Tgt Ion: 95 Resp: 108315
Ion Ratio Lower Upper
95 100
174 99.0 0.0 178.2
176 92.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014444.D
Acq: 26 Jun 2023 19:11

Tgt Ion: 117 Resp: 248978
Ion Ratio Lower Upper
117 100
82 50.8 43.4 65.0
119 33.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014444.D

Acq: 26 Jun 2023 19:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-3(0-2)

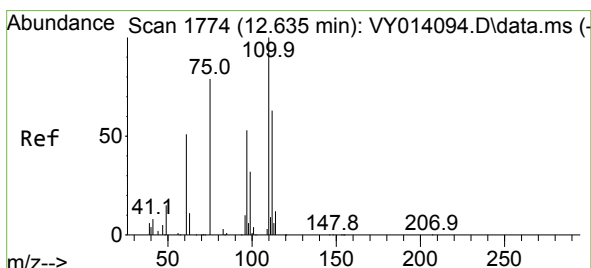
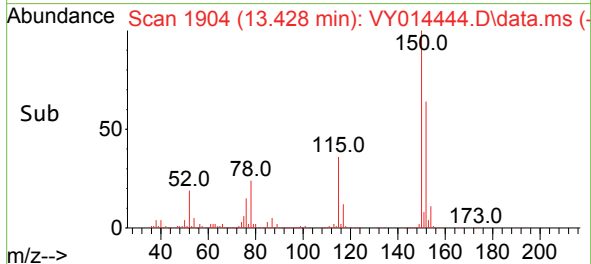
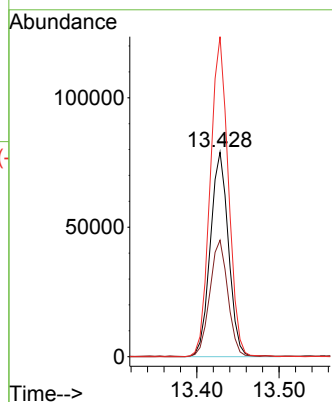
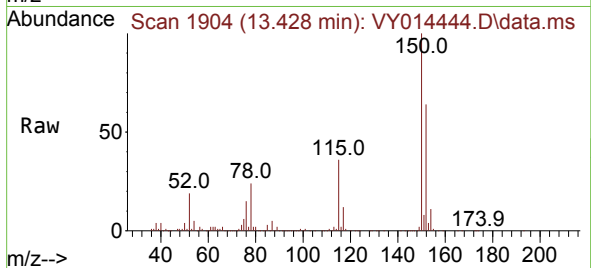
Tgt Ion:152 Resp: 121167

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 156.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 41.330 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014444.D

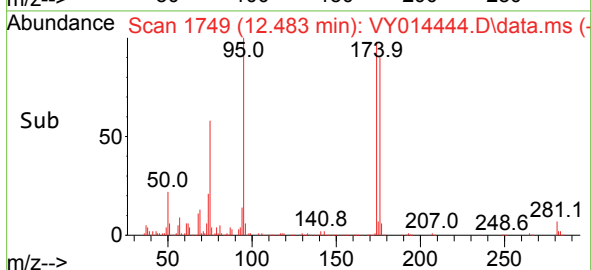
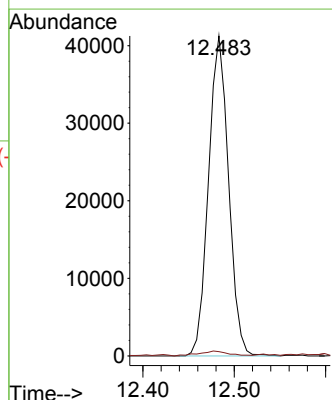
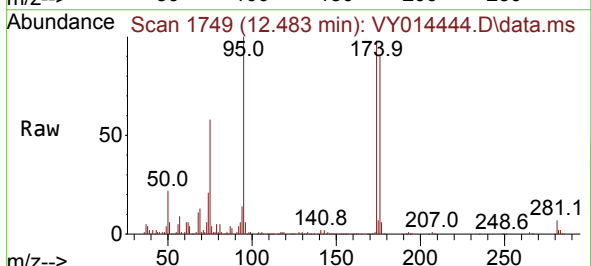
Acq: 26 Jun 2023 19:11

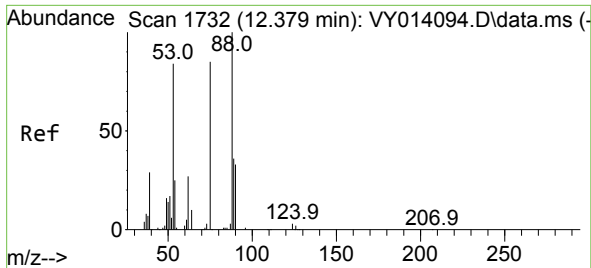
Tgt Ion: 75 Resp: 62819

Ion Ratio Lower Upper

75 100

77 2.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.094 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014444.D
 Acq: 26 Jun 2023 19:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(0-2)

Tgt Ion: 75 Resp: 62819
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.2 37.4 56.0#

