

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014445.D
 Acq On : 26 Jun 2023 19:34
 Operator : KP/MD
 Sample : 03375-08
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(8-10)

Quant Time: Jun 27 01:51:39 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)

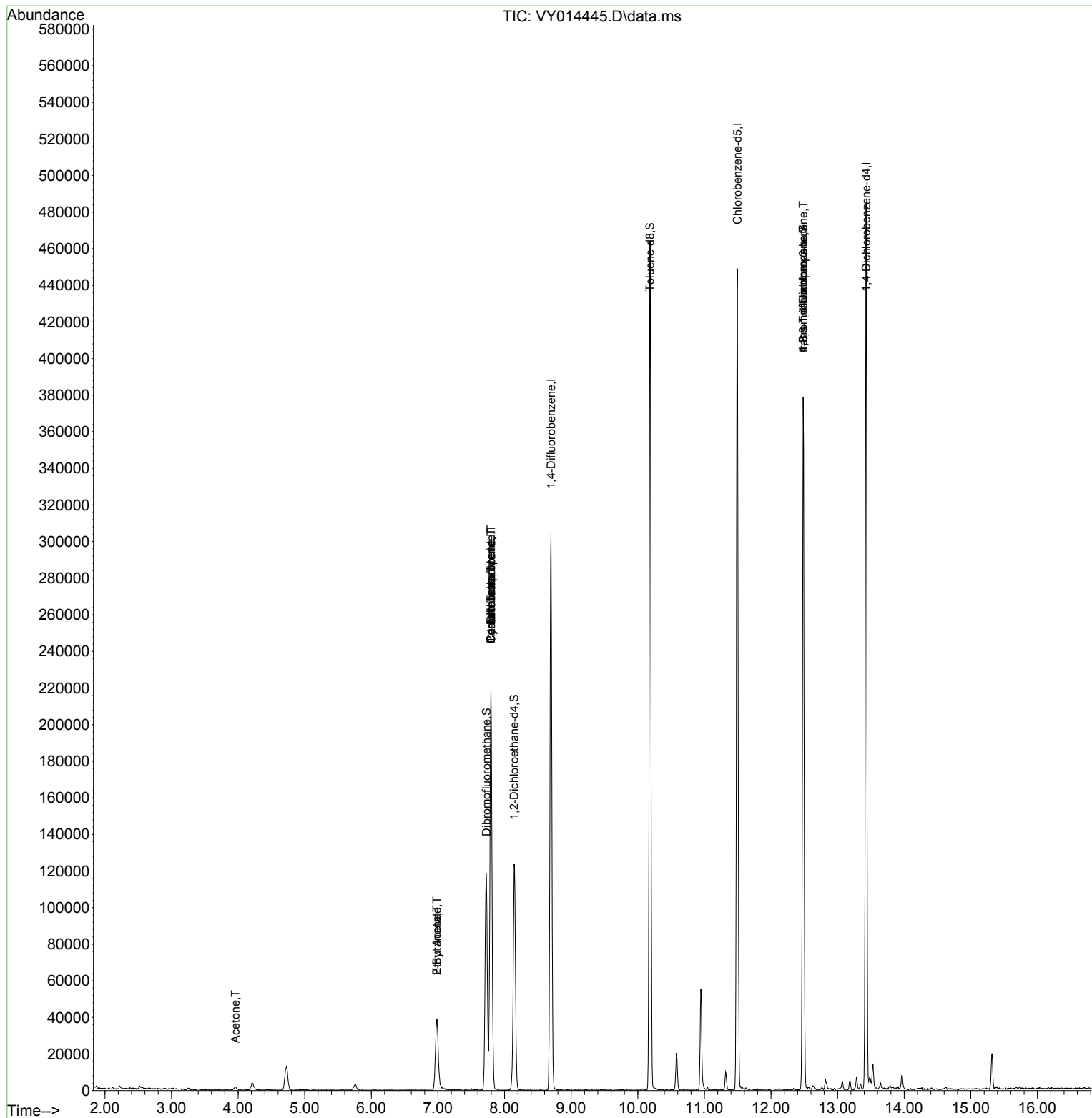
Internal Standards						
1) Pentafluorobenzene	7.795	168	169116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	257840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	246670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109458	52.130	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.260%			
35) Dibromofluoromethane	7.728	113	78755	49.438	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.880%			
50) Toluene-d8	10.185	98	303229	47.886	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.780%			
62) 4-Bromofluorobenzene	12.483	95	102046	45.140	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.280%			
Target Compounds						
11) Tert butyl alcohol	4.960	59	686	Below Cal	#	89
16) Acetone	3.960	43	3081	4.663	ug/l	94
20) Methylene Chloride	4.723	84	10317	Below Cal	#	72
25) 2-Butanone	6.984	43	3001	3.647	ug/l	95
31) Cyclohexane	7.795	56	3388	1.306	ug/l	# 4
36) 1,1-Dichloropropene	7.795	75	11712	4.771	ug/l	# 53
37) Ethyl Acetate	6.984	43	3001	1.774	ug/l	# 7
38) Carbon Tetrachloride	7.795	117	16881	5.465	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	58604	37.834	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	58604	86.135	ug/l	# 11

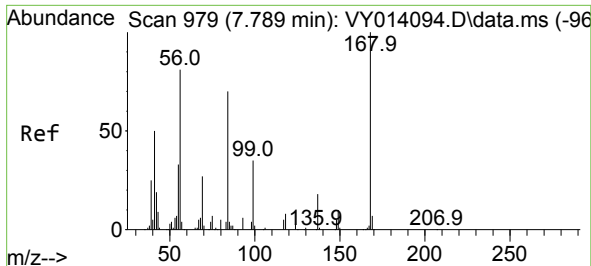
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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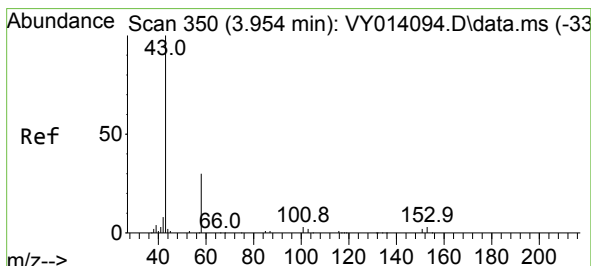
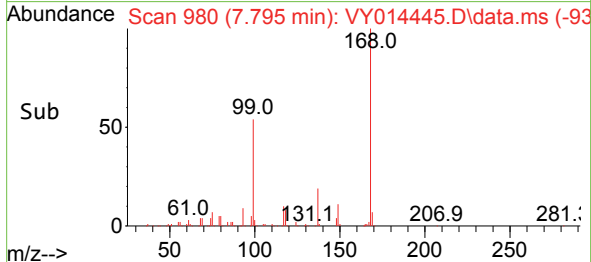
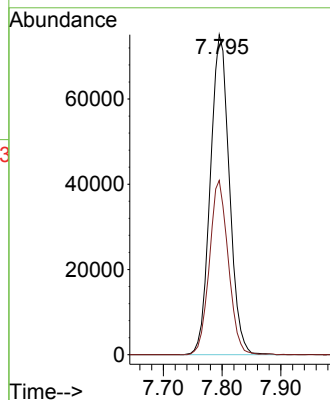
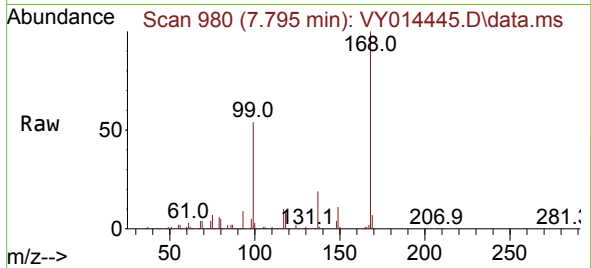




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

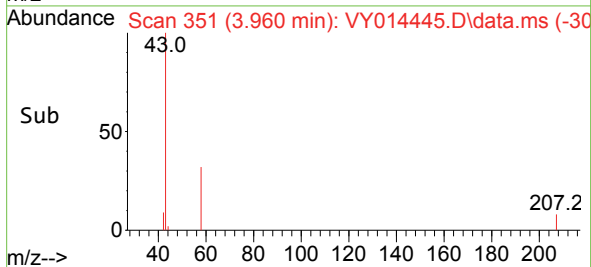
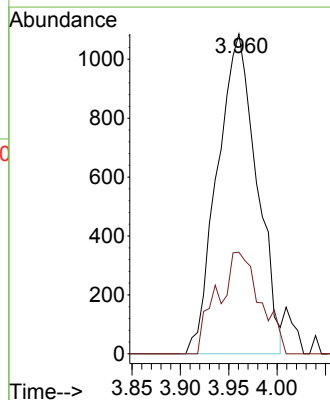
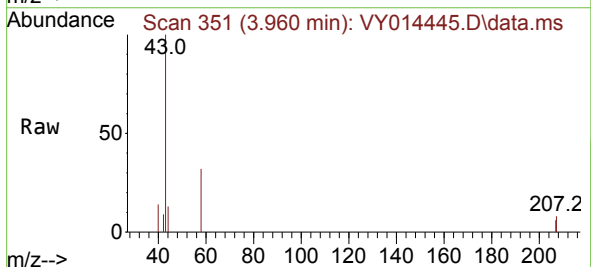
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(8-10)

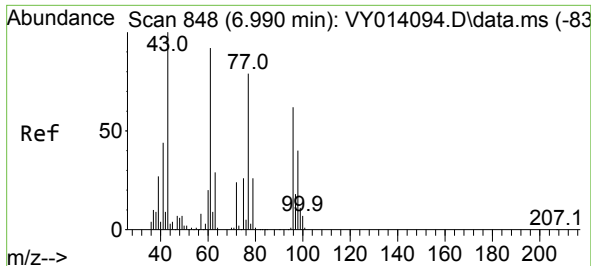
Tgt Ion:168 Resp: 169116
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#16
Acetone
Concen: 4.663 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

Tgt Ion: 43 Resp: 3081
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1

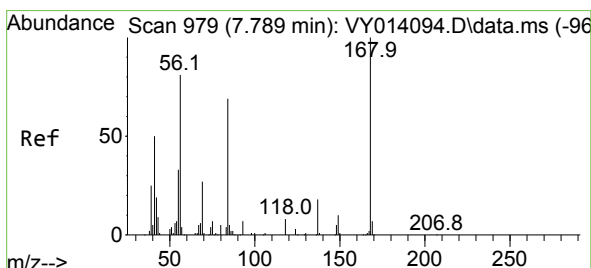
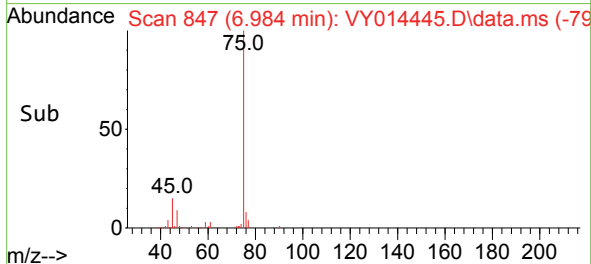
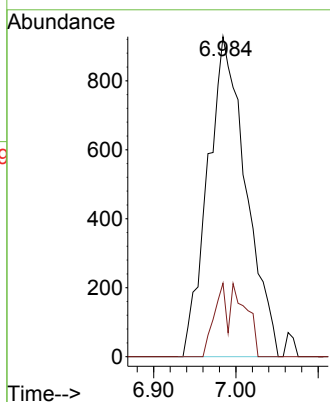
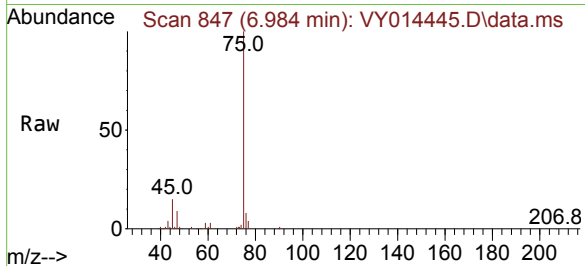




#25
2-Butanone
Concen: 3.647 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

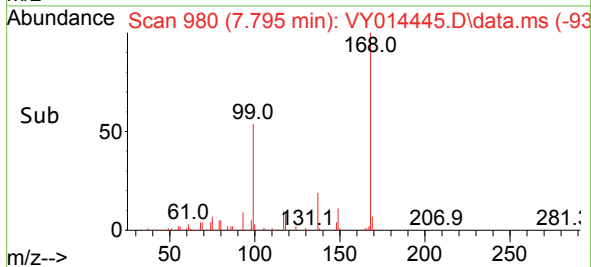
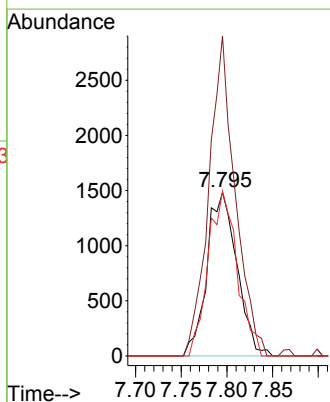
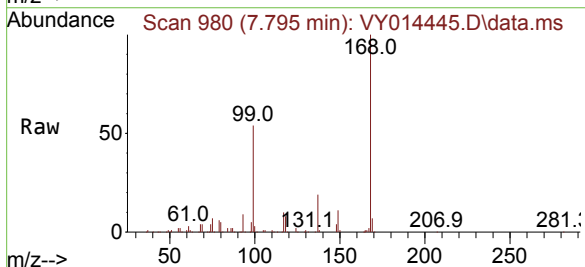
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(8-10)

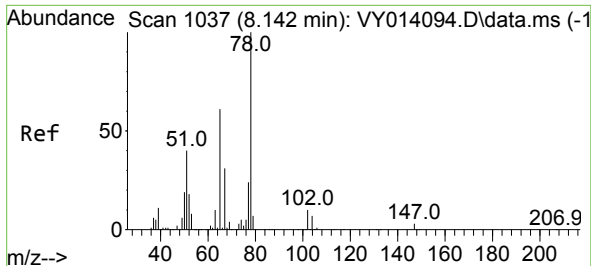
Tgt Ion: 43 Resp: 3001
Ion Ratio Lower Upper
43 100
72 23.0 20.5 30.7



#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

Tgt Ion: 56 Resp: 3388
Ion Ratio Lower Upper
56 100
69 195.7 27.8 41.6#
84 100.9 66.4 99.6#



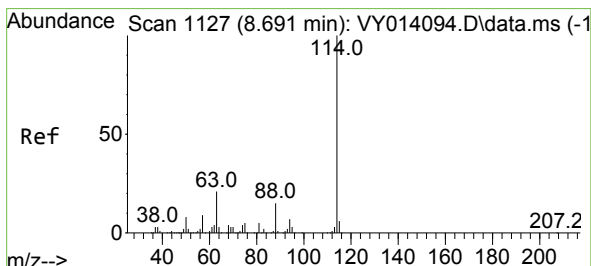
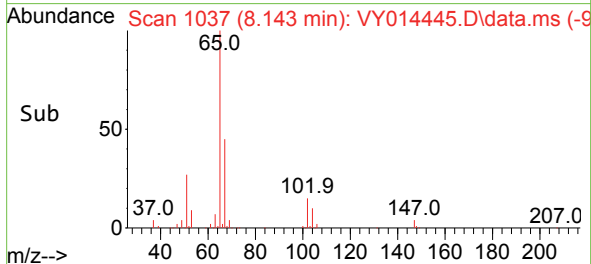
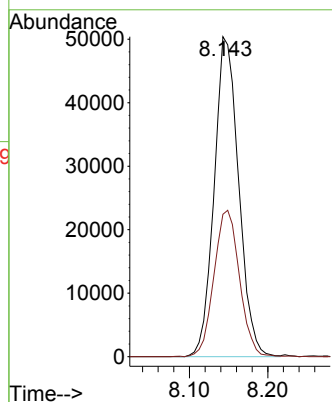
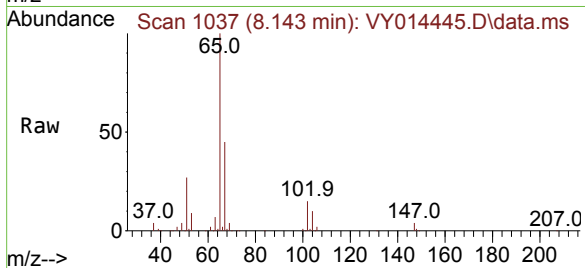


#33
 1,2-Dichloroethane-d4
 Concen: 52.130 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY014445.D
 Acq: 26 Jun 2023 19:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(8-10)

Tgt Ion: 65 Resp: 109458

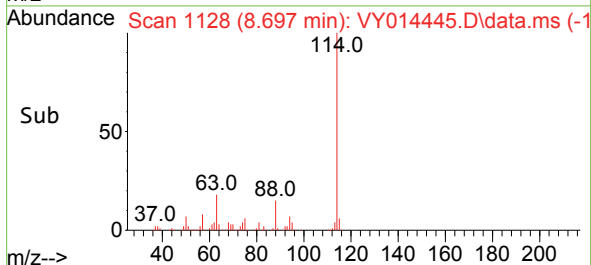
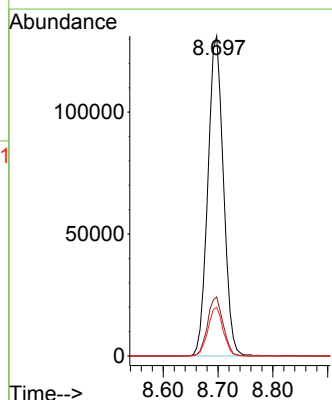
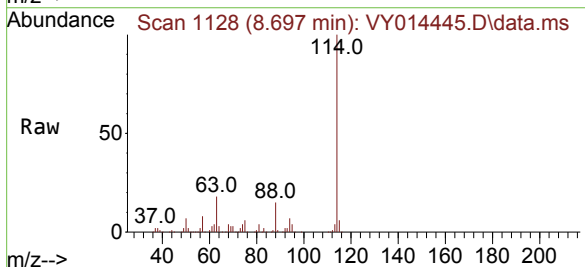
Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	101.8

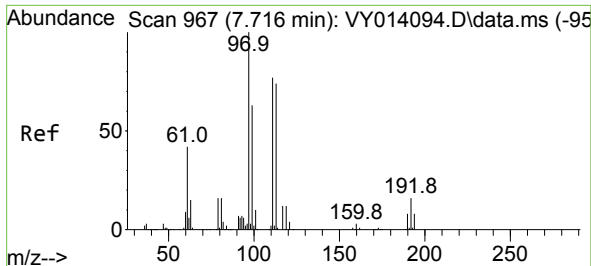


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY014445.D
 Acq: 26 Jun 2023 19:34

Tgt Ion: 114 Resp: 257840

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	42.4
88	15.2	0.0	30.6

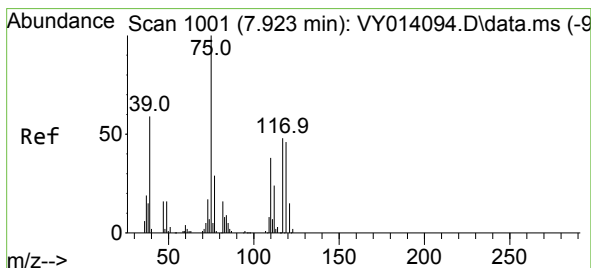
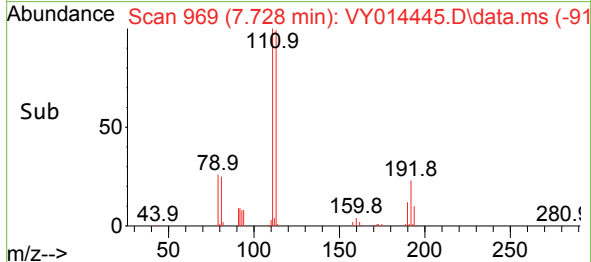
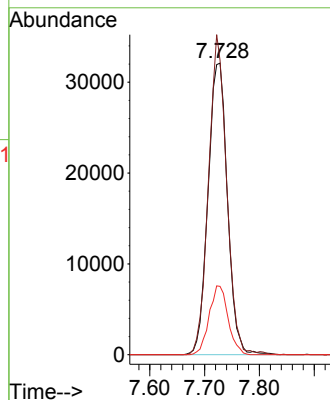
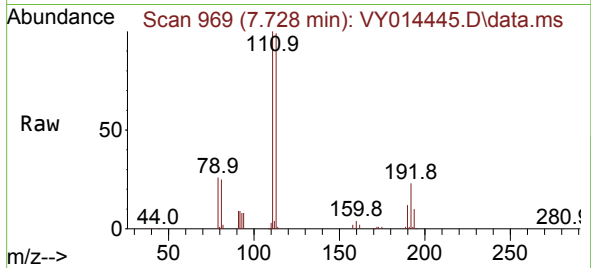




#35
Dibromofluoromethane
Concen: 49.438 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

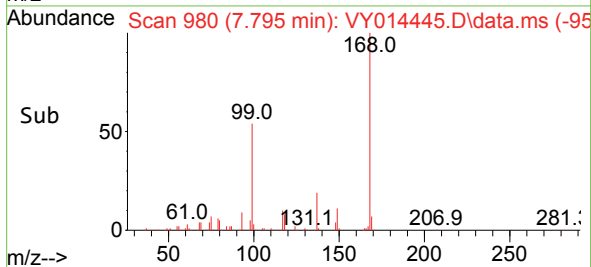
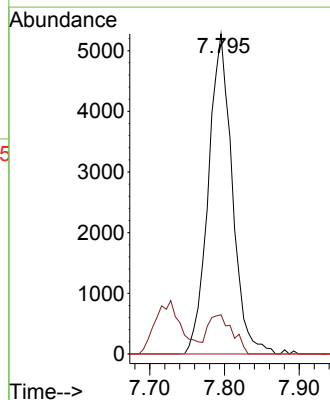
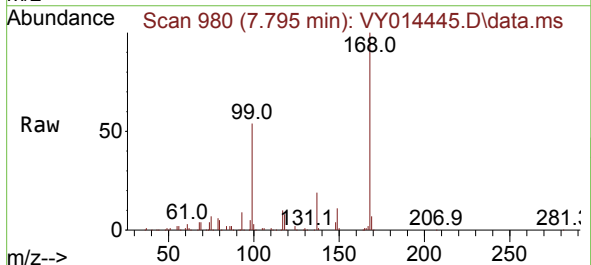
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(8-10)

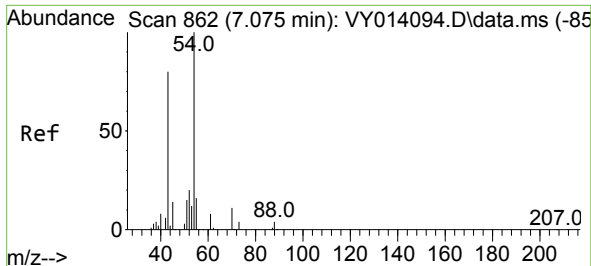
Tgt Ion:113 Resp: 78755
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 23.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

Tgt Ion: 75 Resp: 11712
Ion Ratio Lower Upper
75 100
110 12.4 17.8 53.5#
77 0.0 24.4 36.6#

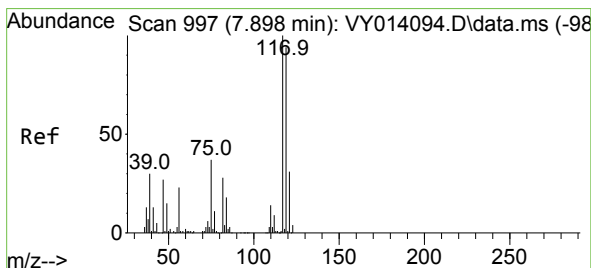
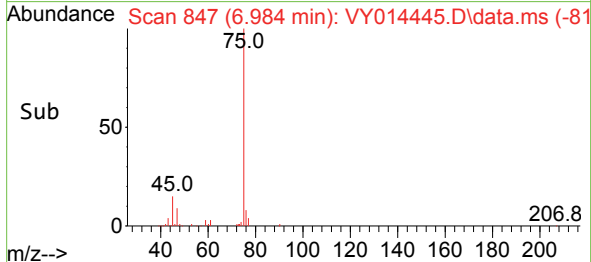
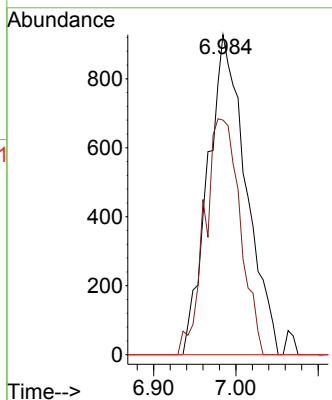
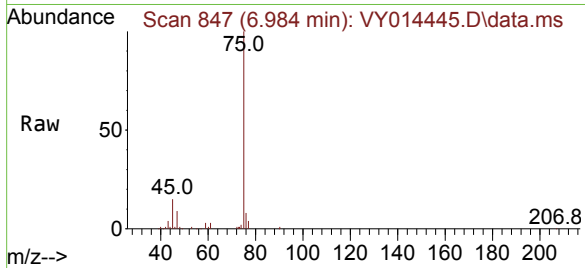




#37
Ethyl Acetate
Concen: 1.774 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.091 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

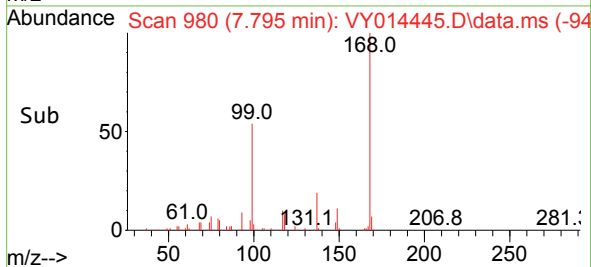
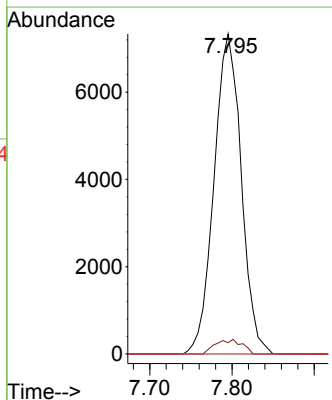
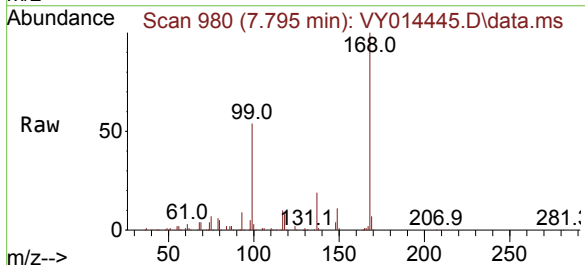
Instrument :
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ClientSampleId :
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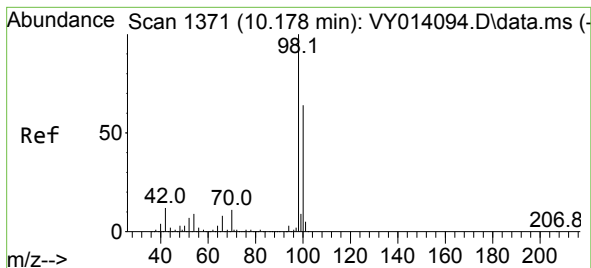
Tgt Ion: 43 Resp: 3001
Ion Ratio Lower Upper
43 100
61 68.4 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.465 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.103 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

Tgt Ion: 117 Resp: 16881
Ion Ratio Lower Upper
117 100
119 3.5 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 47.886 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014445.D

Acq: 26 Jun 2023 19:34

Instrument :

MSVOA_Y

ClientSampleId :

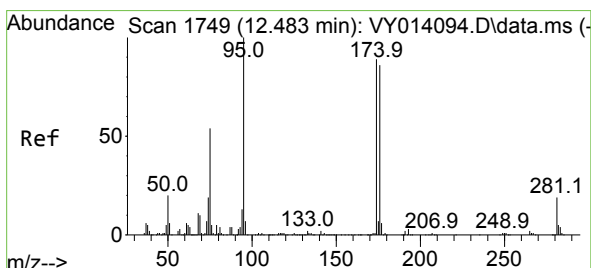
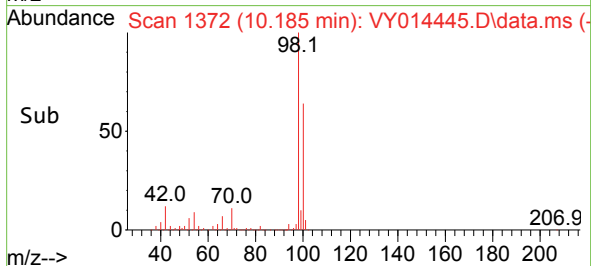
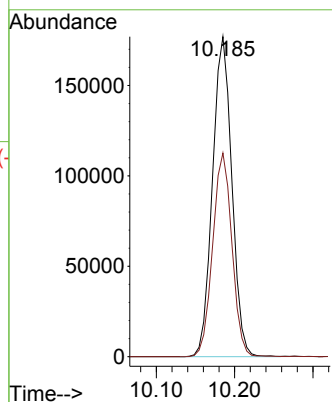
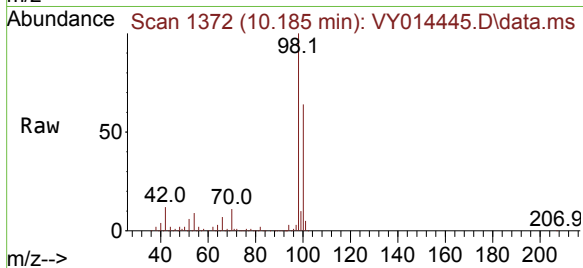
SB-3(8-10)

Tgt Ion: 98 Resp: 303229

Ion Ratio Lower Upper

98 100

100 63.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 45.140 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014445.D

Acq: 26 Jun 2023 19:34

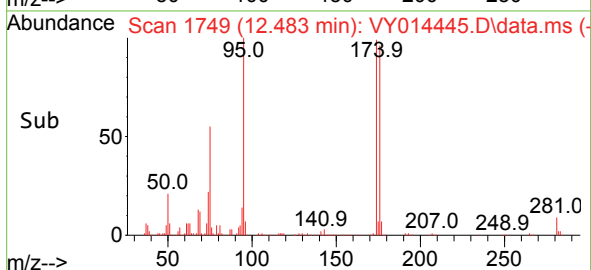
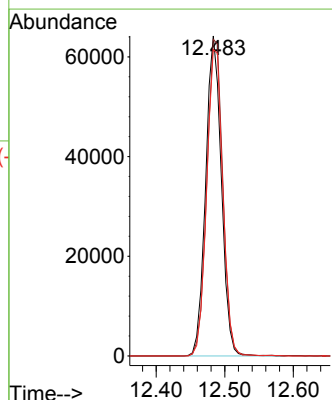
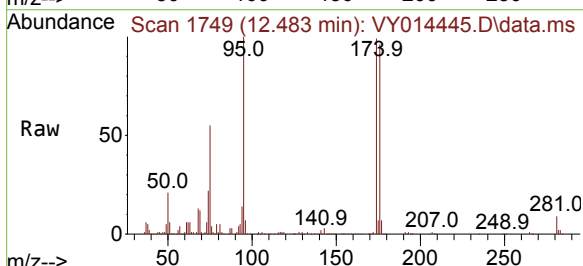
Tgt Ion: 95 Resp: 102046

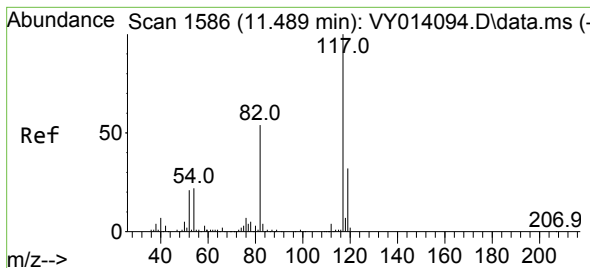
Ion Ratio Lower Upper

95 100

174 101.1 0.0 178.2

176 98.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014445.D

Acq: 26 Jun 2023 19:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-3(8-10)

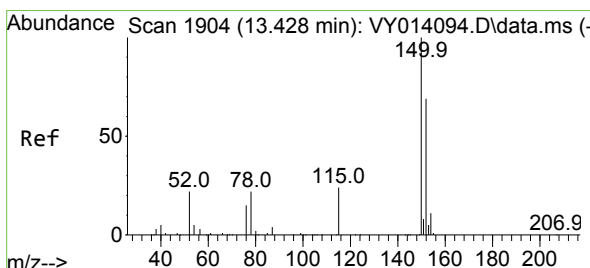
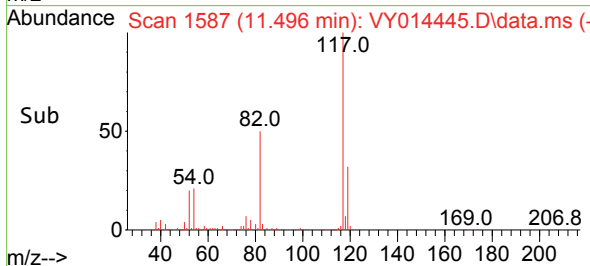
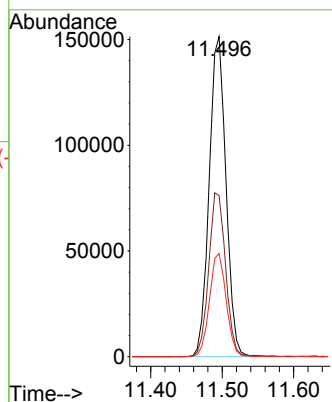
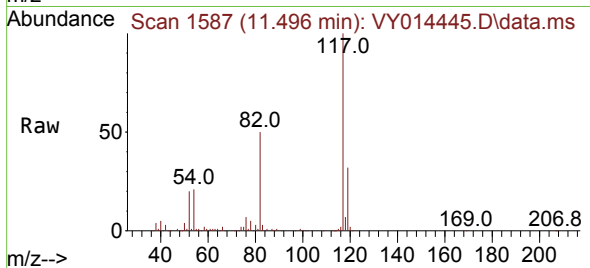
Tgt Ion:117 Resp: 246670

Ion Ratio Lower Upper

117 100

82 50.4 43.4 65.0

119 32.2 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: VY014445.D

Acq: 26 Jun 2023 19:34

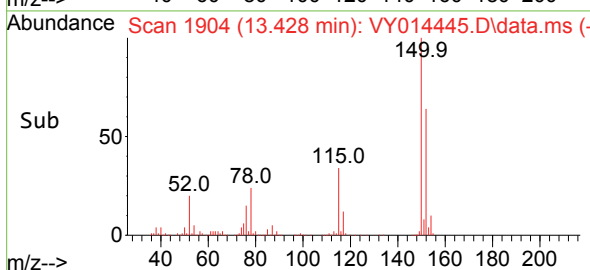
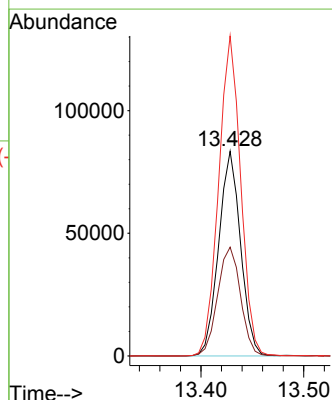
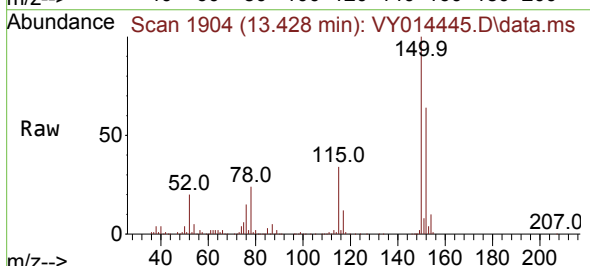
Tgt Ion:152 Resp: 123482

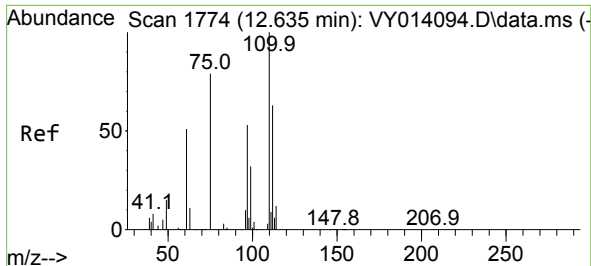
Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 157.1 0.0 348.8

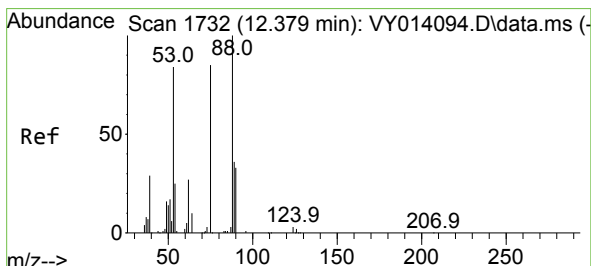
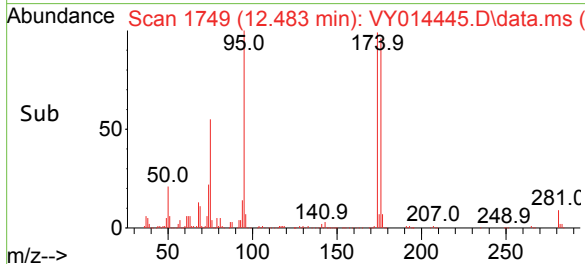
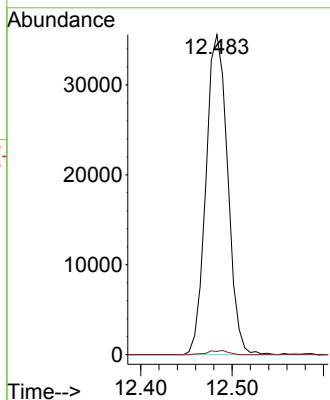
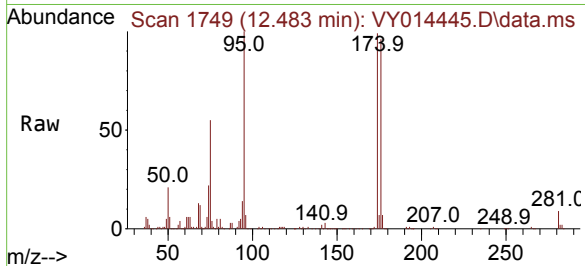




#76
1,2,3-Trichloropropane
Concen: 37.834 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

Instrument :
MSVOA_Y
ClientSampleId :
SB-3(8-10)

Tgt Ion: 75 Resp: 58604
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

Tgt Ion: 75 Resp: 58604
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#

