

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014524.D
 Acq On : 30 Jun 2023 18:40
 Operator : KP/MD
 Sample : 03486-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAYONNE-COMP

Quant Time: Jun 30 23:20:36 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	7.789	168	288302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	454205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	439036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211945	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	163189	56.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.800%
35) Dibromofluoromethane	7.710	113	148121	52.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.920%
50) Toluene-d8	10.179	98	537727	48.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.477	95	177868	46.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.660%

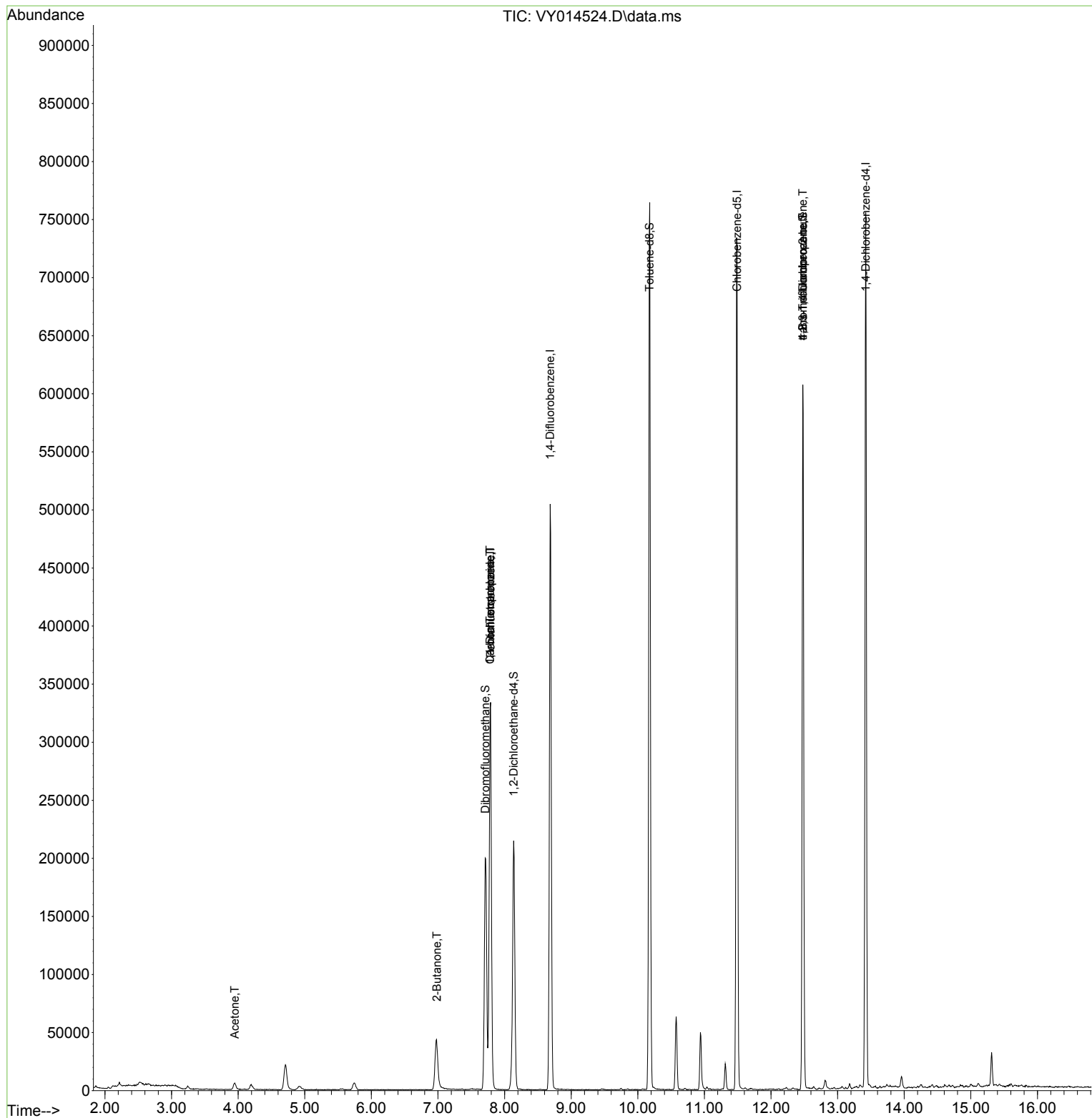
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	195	Below Cal	# 43
11) Tert butyl alcohol	4.942	59	3787	Below Cal	# 89
13) Acrolein	3.723	56	92	Below Cal	# 14
16) Acetone	3.948	43	9803	10.945	ug/l # 74
25) 2-Butanone	6.984	43	2417	1.823	ug/l # 79
36) 1,1-Dichloropropene	7.783	75	18709	4.368	ug/l # 49
38) Carbon Tetrachloride	7.783	117	23936	5.353	ug/l # 17
76) 1,2,3-Trichloropropane	12.477	75	84417	33.942	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	84417	66.065	ug/l # 11

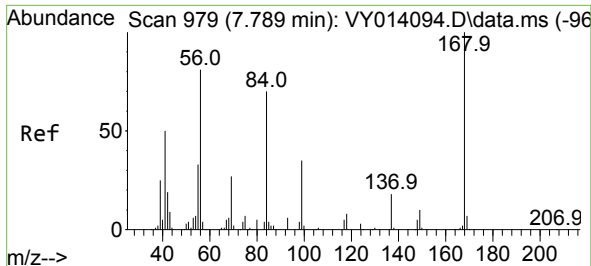
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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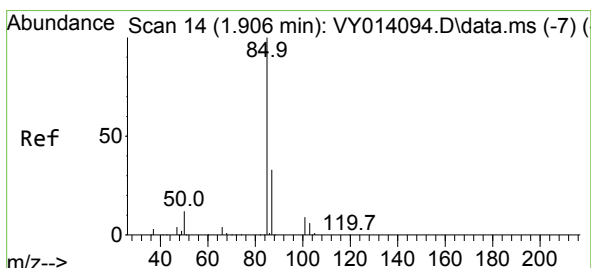
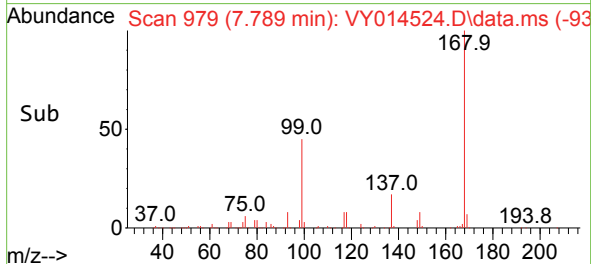
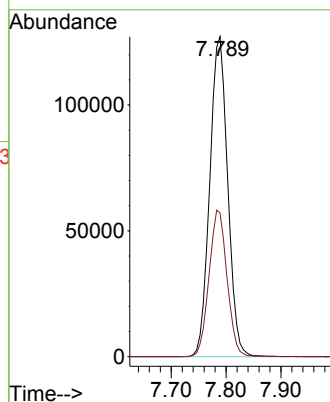
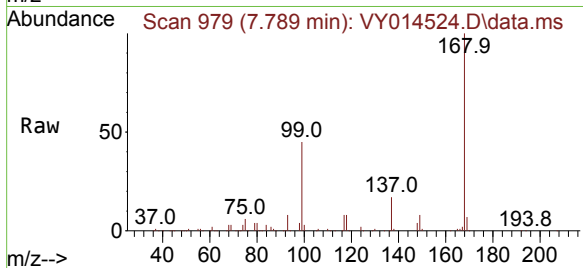




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

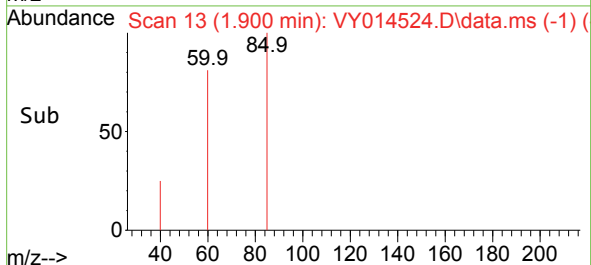
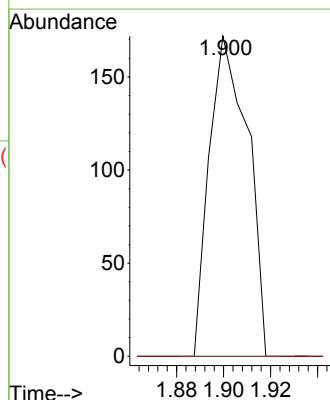
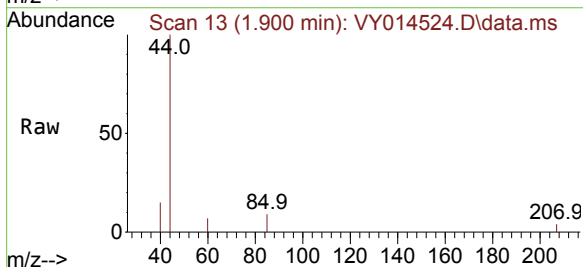
Instrument :
MSVOA_Y
ClientSampleId :
BAYONNE-COMP

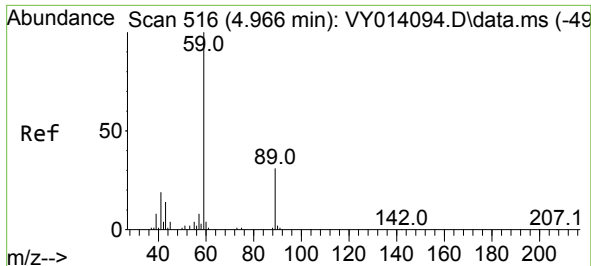
Tgt Ion:168 Resp: 288302
Ion Ratio Lower Upper
168 100
99 44.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

Tgt Ion: 85 Resp: 195
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 516

Delta R.T. -0.024 min

Lab File: VY014524.D

Acq: 30 Jun 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

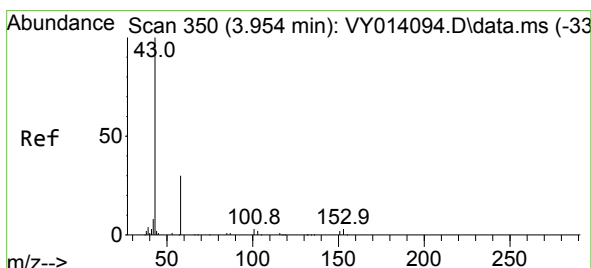
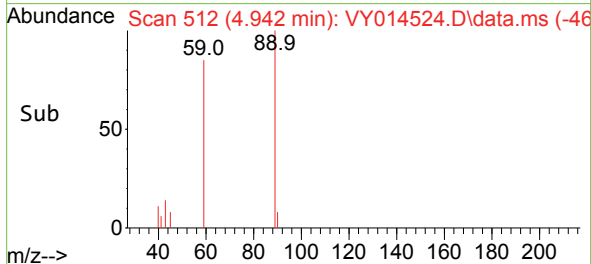
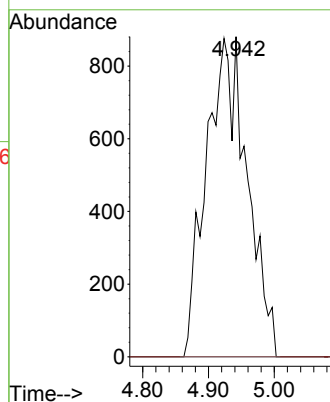
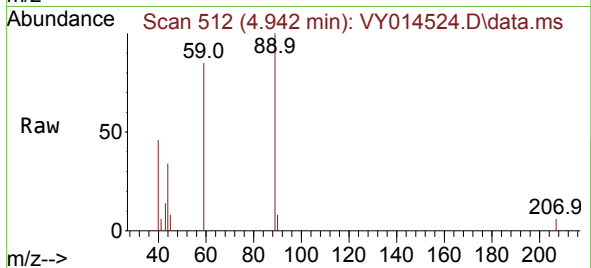
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Tgt Ion: 59 Resp: 3787

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 10.945 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY014524.D

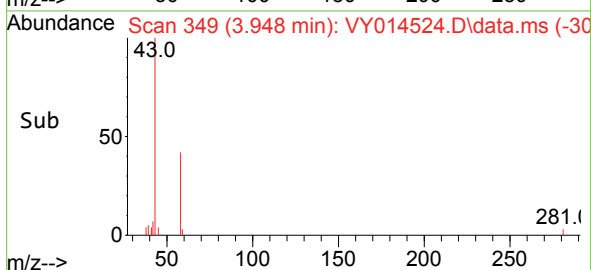
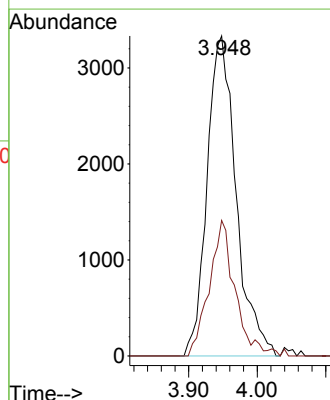
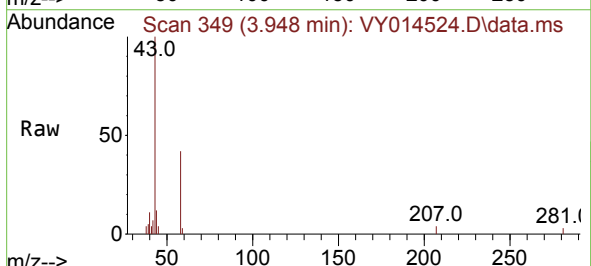
Acq: 30 Jun 2023 18:40

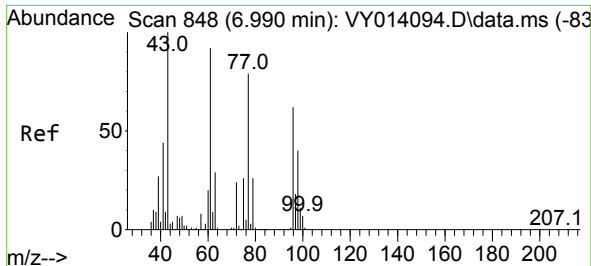
Tgt Ion: 43 Resp: 9803

Ion Ratio Lower Upper

43 100

58 42.4 22.7 34.1#

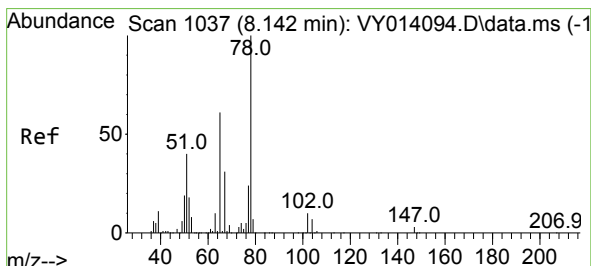
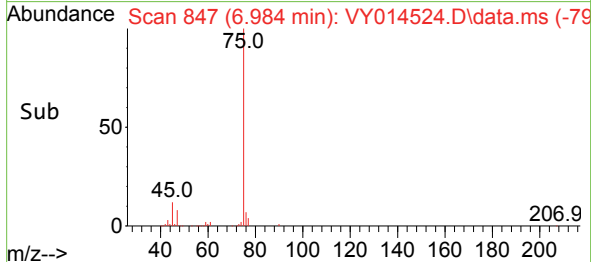
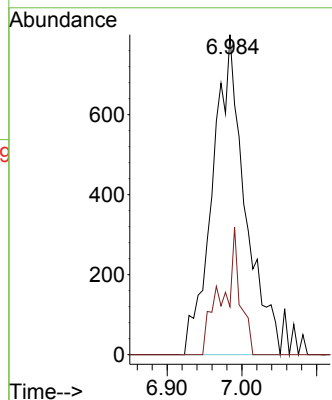
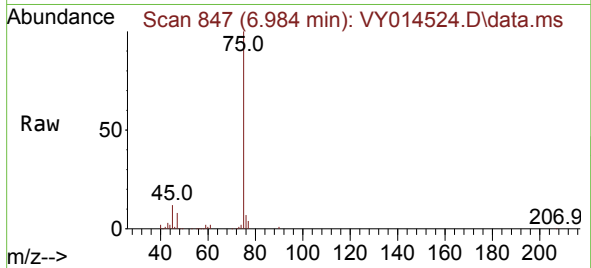




#25
2-Butanone
Concen: 1.823 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

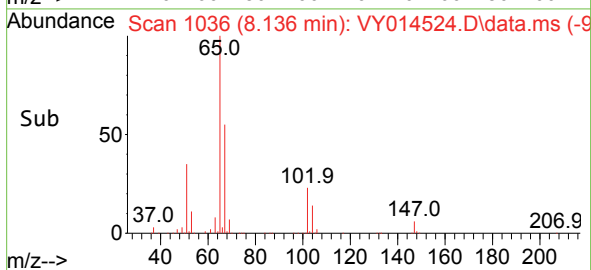
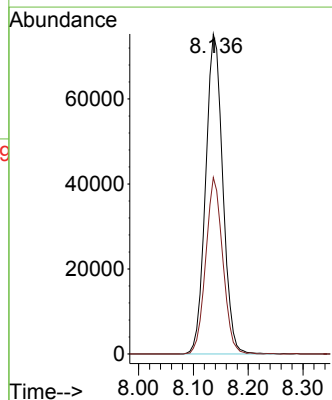
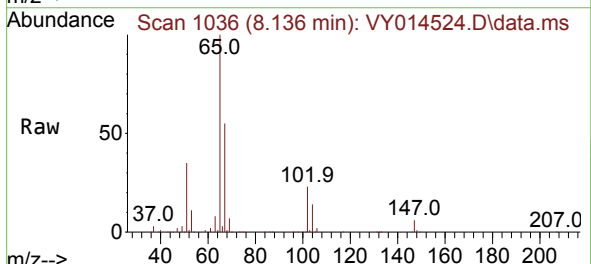
Instrument :
MSVOA_Y
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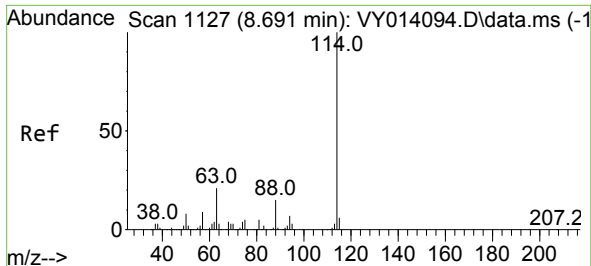
Tgt Ion: 43 Resp: 2417
Ion Ratio Lower Upper
43 100
72 15.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 56.900 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

Tgt Ion: 65 Resp: 163189
Ion Ratio Lower Upper
65 100
67 54.7 0.0 101.8

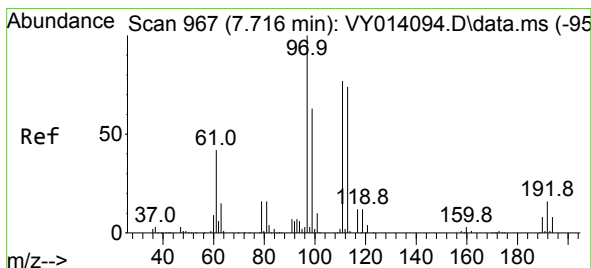
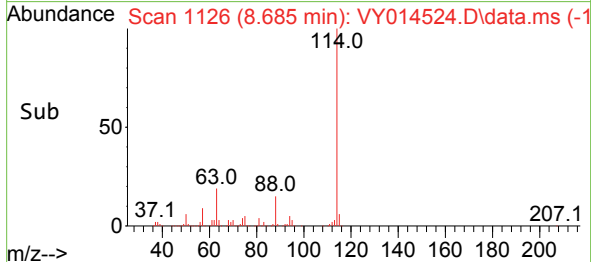
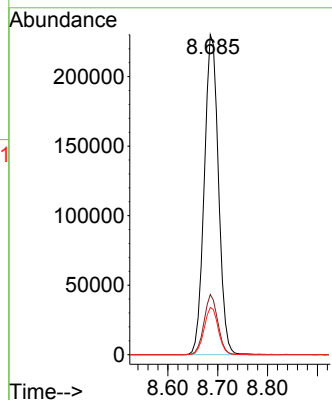
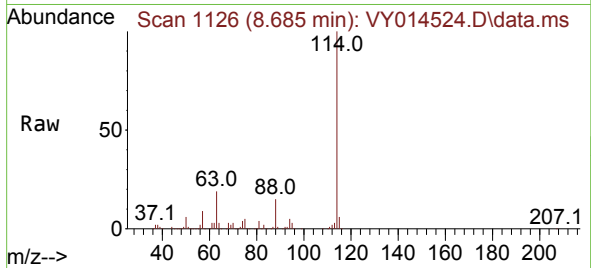




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

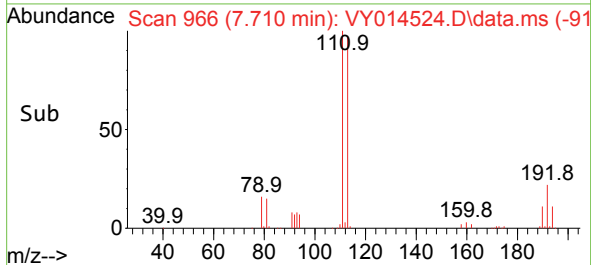
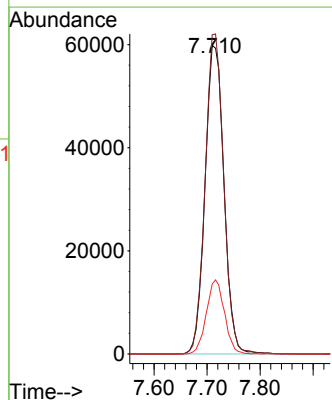
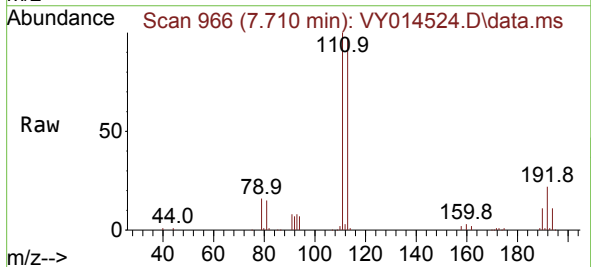
Instrument :
MSVOA_Y
ClientSampleId :
BAYONNE-COMP

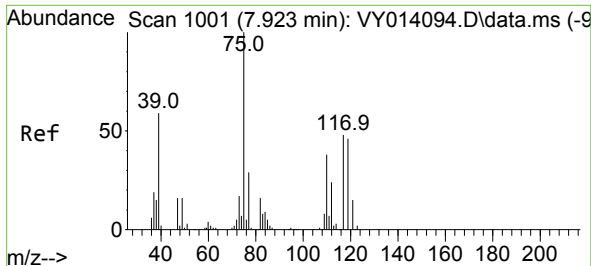
Tgt Ion:114 Resp: 454205
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.957 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

Tgt Ion:113 Resp: 148121
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 23.0 16.9 25.3

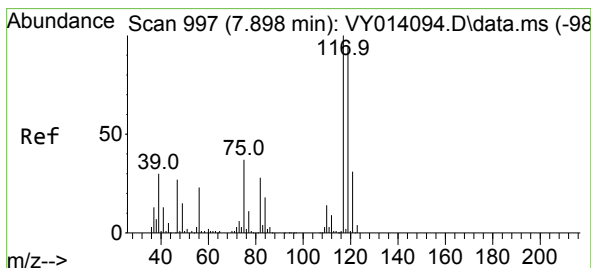
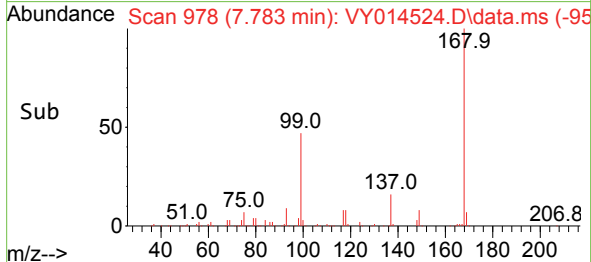
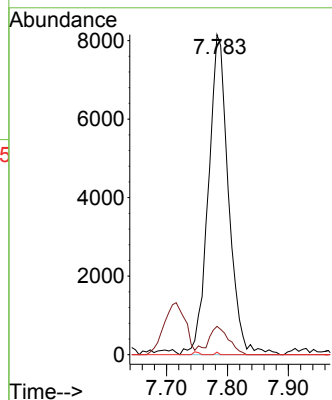
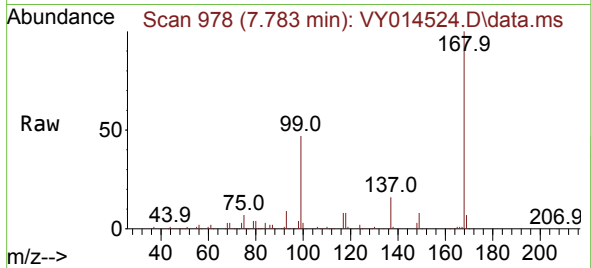




#36
1,1-Dichloropropene
Concen: 4.368 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

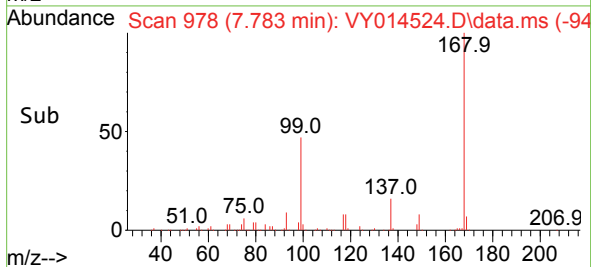
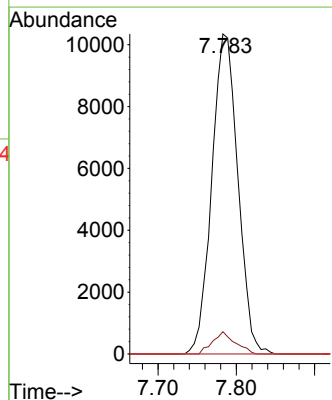
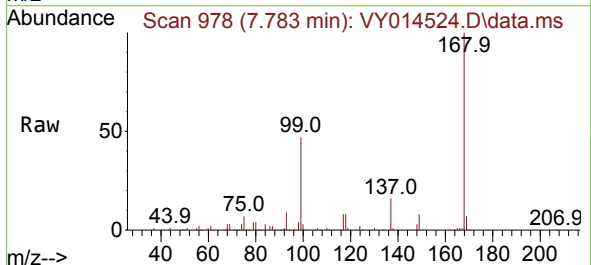
Instrument :
MSVOA_Y
ClientSampleId :
BAYONNE-COMP

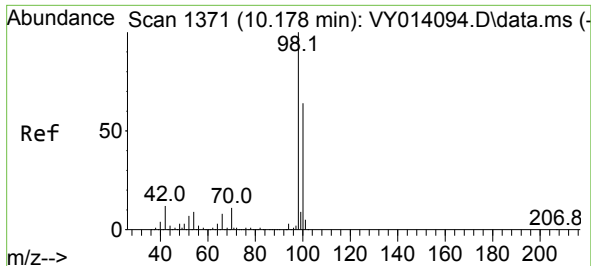
Tgt Ion: 75 Resp: 18709
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.353 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

Tgt Ion: 117 Resp: 23936
Ion Ratio Lower Upper
117 100
119 6.9 76.4 114.6#
121 0.0 25.8 38.6#

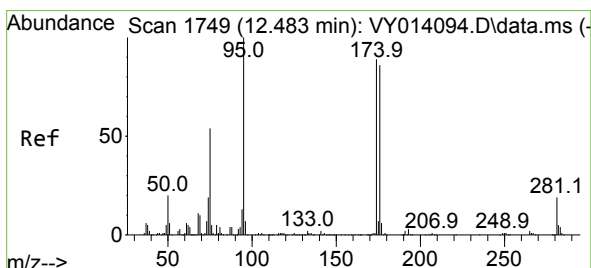
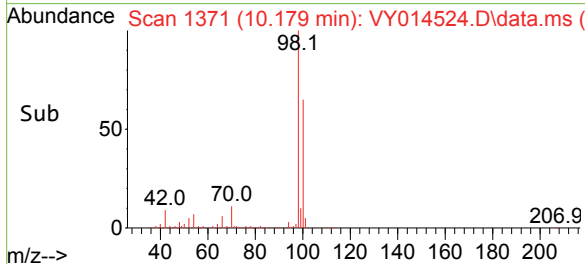
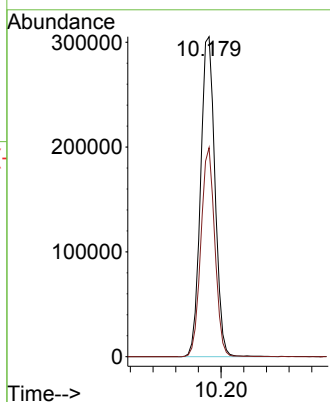
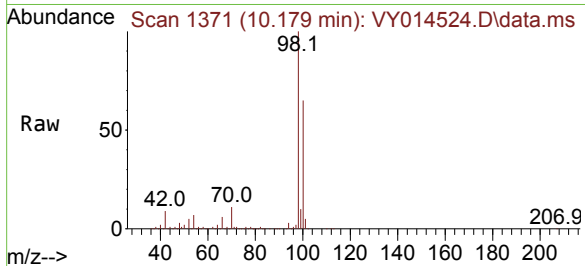




#50
Toluene-d8
Concen: 48.632 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

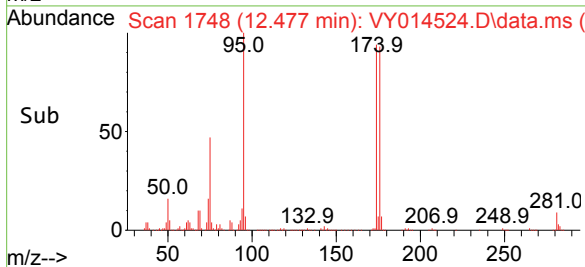
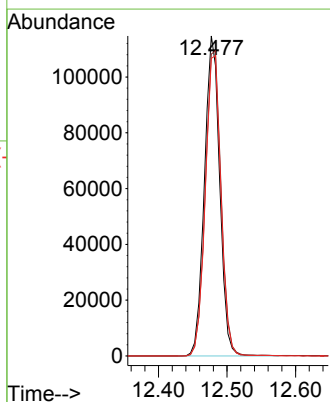
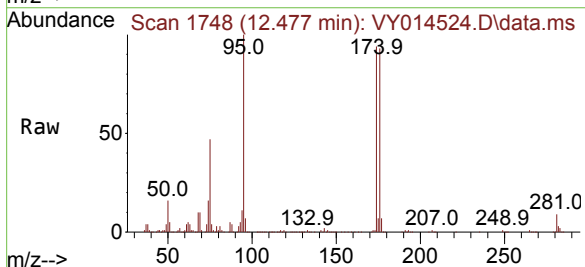
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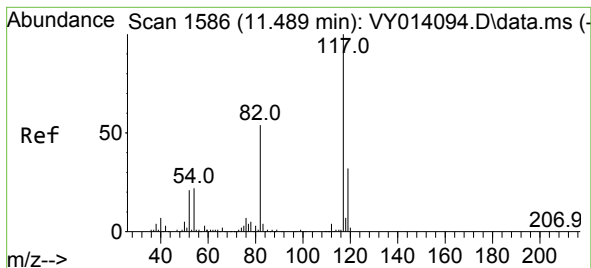
Tgt Ion: 98 Resp: 537727
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.327 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

Tgt Ion: 95 Resp: 177868
Ion Ratio Lower Upper
95 100
174 98.6 0.0 178.2
176 96.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014524.D

Acq: 30 Jun 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

BAYONNE-COMP

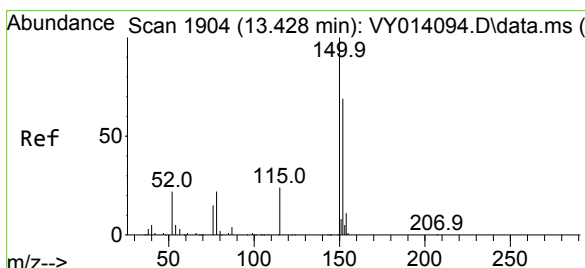
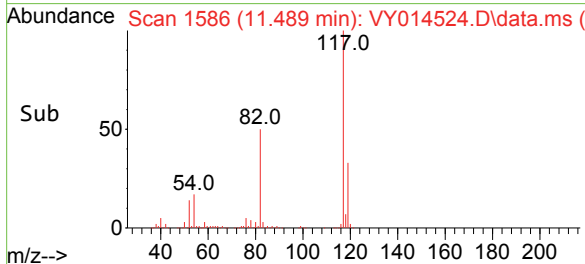
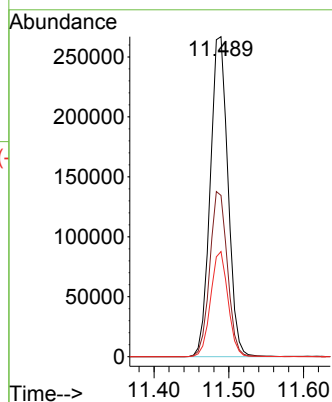
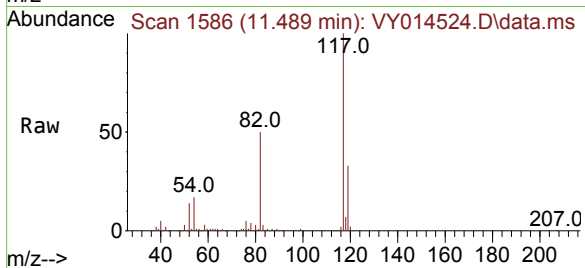
Tgt Ion:117 Resp: 439036

Ion Ratio Lower Upper

117 100

82 50.4 43.4 65.0

119 32.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014524.D

Acq: 30 Jun 2023 18:40

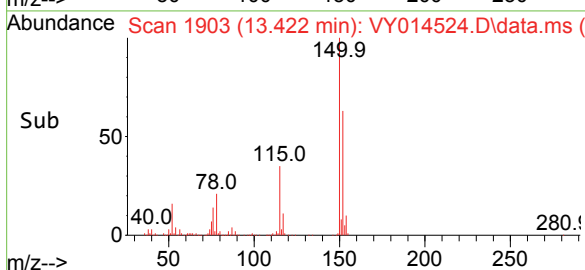
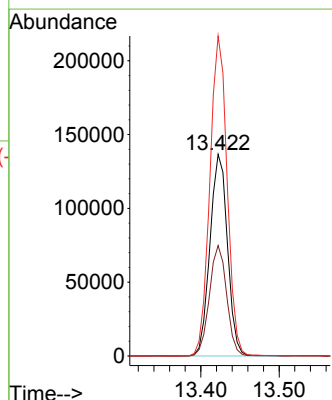
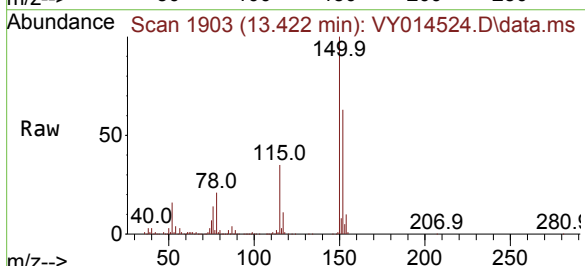
Tgt Ion:152 Resp: 211945

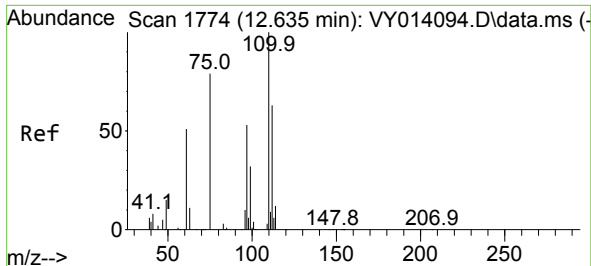
Ion Ratio Lower Upper

152 100

115 53.9 28.8 86.5

150 156.8 0.0 348.8

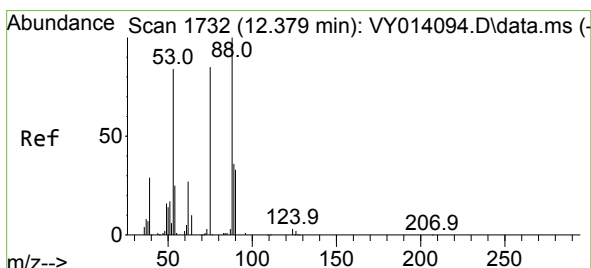
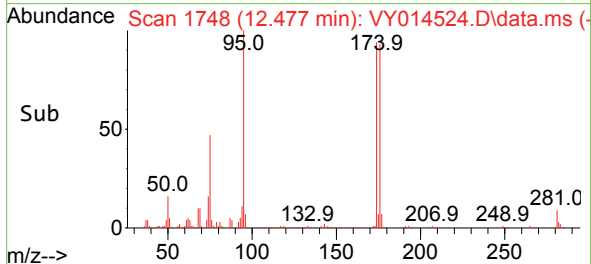
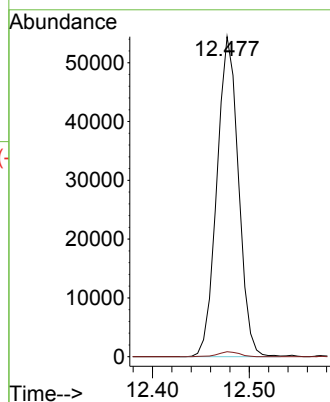
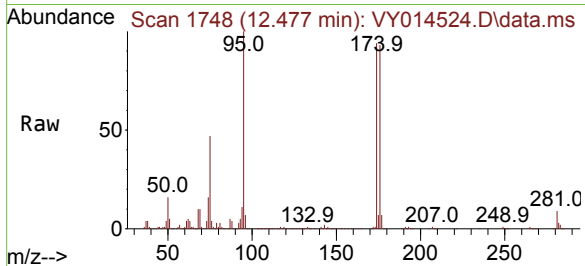




#76
1,2,3-Trichloropropane
Concen: 33.942 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

Instrument :
MSVOA_Y
ClientSampleId :
BAYONNE-COMP

Tgt Ion: 75 Resp: 84417
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.065 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014524.D
Acq: 30 Jun 2023 18:40

Tgt Ion: 75 Resp: 84417
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.2 37.4 56.0#

