

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014217.D
 Acq On : 16 Jun 2023 20:42
 Operator : KP/MD
 Sample : 03224-17
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-15-GRAB-7RE

Quant Time: Jun 16 23:26:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.758	168	58250	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	8.685	114	112381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.526	117	98236	50.000	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.440	152	18843	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	29316	36.142	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	72.280%		
35) Dibromofluoromethane	7.740	113	24666	30.949	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	61.900%		
50) Toluene-d8	10.179	98	151564	50.867	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.740%		
62) 4-Bromofluorobenzene	12.501	95	25762	24.340	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery =	48.680%		
Target Compounds						Qvalue
3) Chloromethane	2.101	50	8622	10.474	ug/l	93
4) Vinyl Chloride	2.394	62	2606	3.256	ug/l	98
5) Bromomethane	2.583	94	10886	16.486	ug/l	98
11) Tert butyl alcohol	4.930	59	178	Below Cal	#	1
13) Acrolein	3.704	56	73	Below Cal	#	69
16) Acetone	3.936	43	284	1.162	ug/l #	84
17) Carbon Disulfide	3.966	76	24119	11.191	ug/l	99
18) Methyl Acetate	4.497	43	38592	40.664	ug/l	91
20) Methylene Chloride	4.692	84	158	Below Cal	#	24
25) 2-Butanone	6.984	43	407	1.352	ug/l #	49
30) Chloroform	7.515	83	11503	8.147	ug/l	92
31) Cyclohexane	7.722	56	2492	2.293	ug/l #	57
32) 1,1,1-Trichloroethane	7.679	97	1407	1.105	ug/l #	52
39) Methylcyclohexane	9.173	83	38815	28.156	ug/l	97
40) Benzene	8.142	78	29539	7.995	ug/l	92
43) Isopropyl Acetate	8.520	43	22506	14.978	ug/l #	55
44) Trichloroethene	8.929	130	2115	2.143	ug/l	86
48) Methyl methacrylate	9.173	41	16944	24.177	ug/l #	70
49) 1,4-Dioxane	9.380	88	5522	752.295	ug/l #	36
51) 4-Methyl-2-Pentanone	10.130	43	3223	3.948	ug/l	98
52) Toluene	10.246	92	48283	21.081	ug/l	97
53) t-1,3-Dichloropropene	10.398	75	1681	1.181	ug/l #	88
55) 1,1,2-Trichloroethane	10.532	97	26386	34.437	ug/l #	18
56) Ethyl methacrylate	10.502	69	6783	6.418	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.770	63	83	28.775	ug/l #	48
59) 2-Hexanone	10.825	43	52745	89.458	ug/l #	32
60) Dibromochloromethane	10.721	129	31653	32.277	ug/l #	11
64) Tetrachloroethene	10.721	164	37733	45.063	ug/l	98
67) Ethyl Benzene	11.617	91	51129	12.375	ug/l	99
68) m/p-Xylenes	11.727	106	69147	43.510	ug/l	96
69) o-Xylene	12.050	106	26565	17.680	ug/l	98
73) Isopropylbenzene	12.349	105	33579	23.360	ug/l	91
74) N-amyl acetate	12.136	43	23395	51.359	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.581	83	420	1.308	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	13667	55.284	ug/l #	100
78) n-propylbenzene	12.684	91	37790	21.524	ug/l	95

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

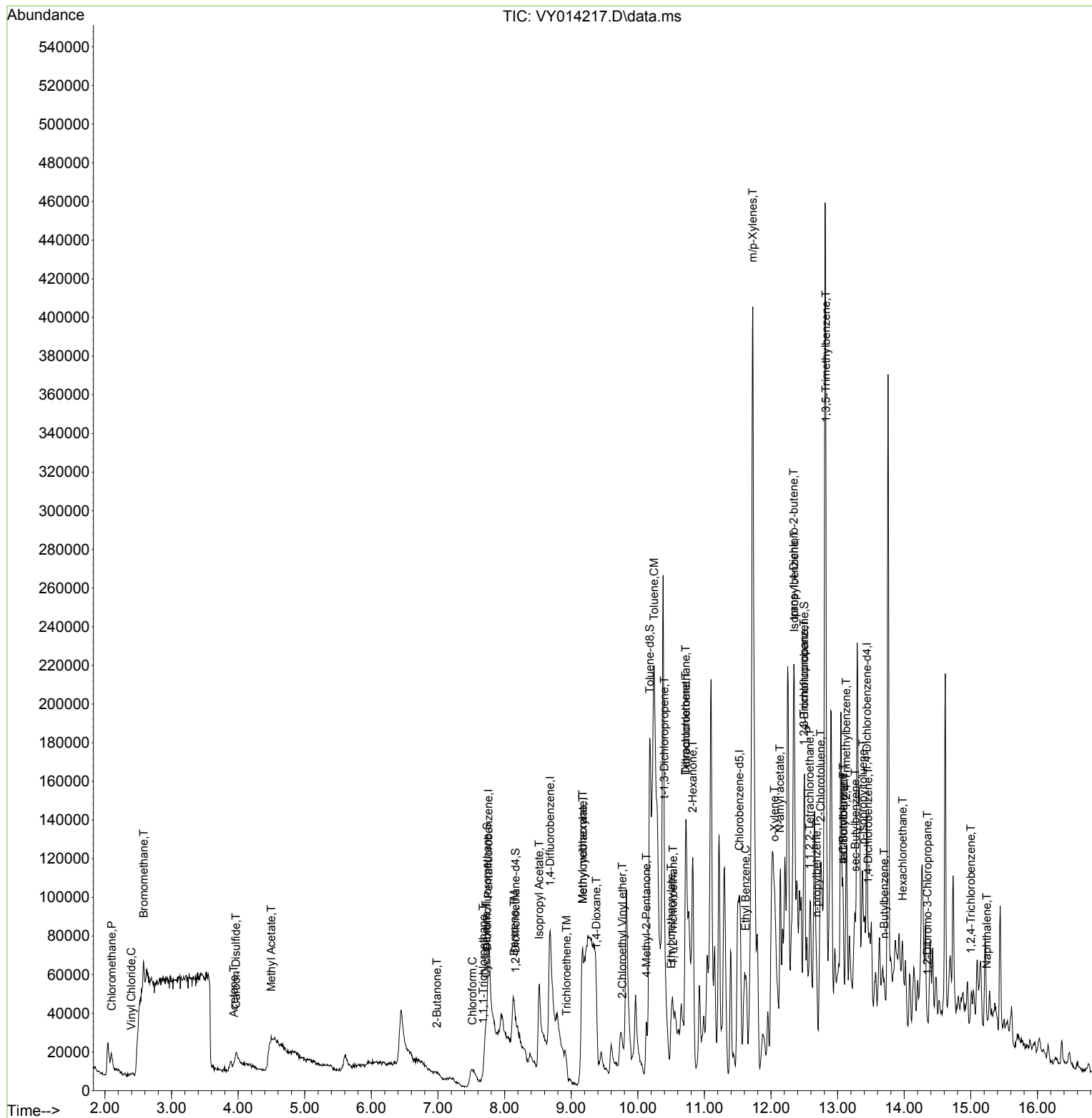
79) 2-Chlorotoluene	12.745	91	7166	7.093	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.825	105	23529	19.117	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.343	75	755	6.602	ug/l #	1
82) 4-Chlorotoluene	13.087	91	1297	1.212	ug/l	79
83) tert-Butylbenzene	13.087	119	1766	1.688	ug/l	91
84) 1,2,4-Trimethylbenzene	13.129	105	40768	33.461	ug/l	96
85) sec-Butylbenzene	13.264	105	12476	8.204	ug/l #	65
86) p-Isopropyltoluene	13.379	119	14350	11.026	ug/l	95
88) 1,4-Dichlorobenzene	13.459	146	968	1.332	ug/l #	1
89) n-Butylbenzene	13.702	91	9315	7.717	ug/l #	76
90) Hexachloroethane	13.977	117	830	3.201	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.349	75	63	1.030	ug/l #	18
93) 1,2,4-Trichlorobenzene	15.001	180	418	1.018	ug/l #	1
95) Naphthalene	15.239	128	4533	5.441	ug/l #	79

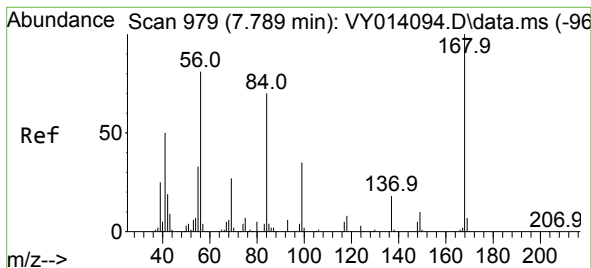
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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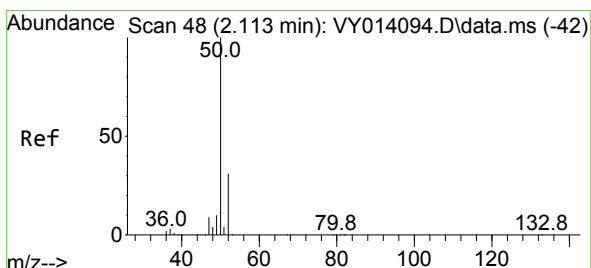
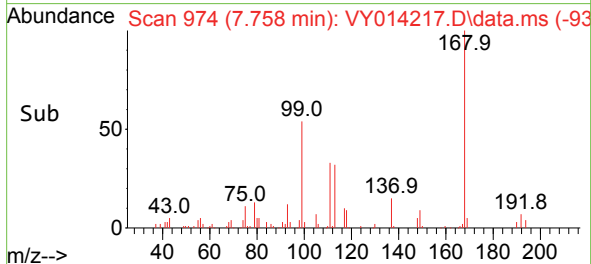
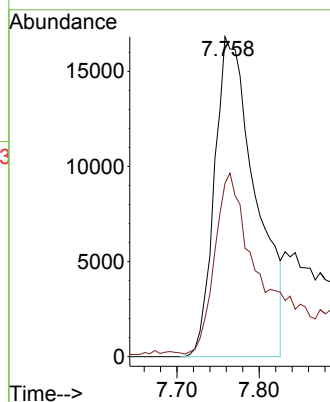
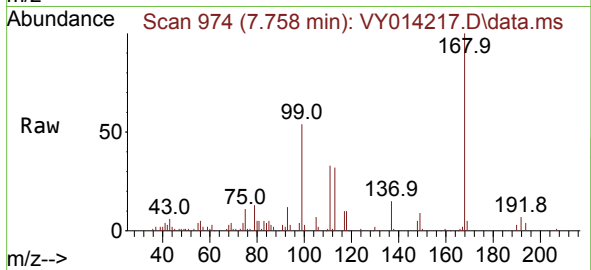




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.758 min Scan# 91
Delta R.T. -0.031 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

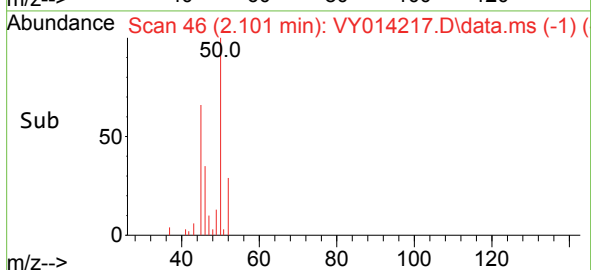
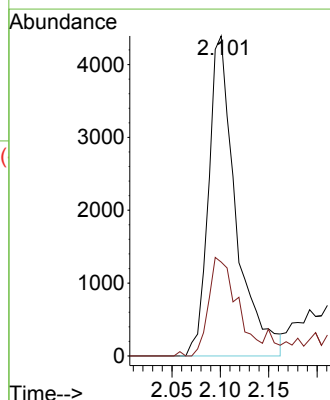
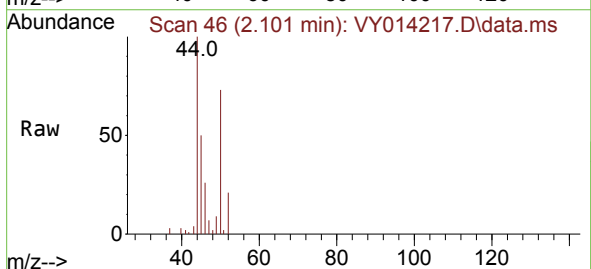
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE

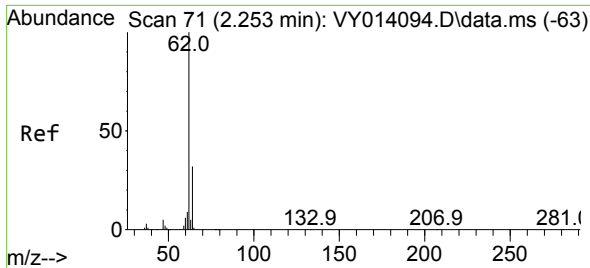
Tgt Ion:168 Resp: 58250
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#3
Chloromethane
Concen: 10.474 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.012 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 50 Resp: 8622
Ion Ratio Lower Upper
50 100
52 28.0 25.4 38.2

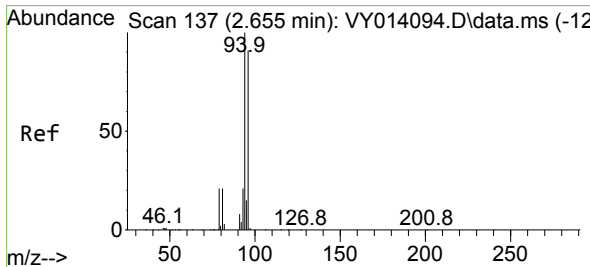
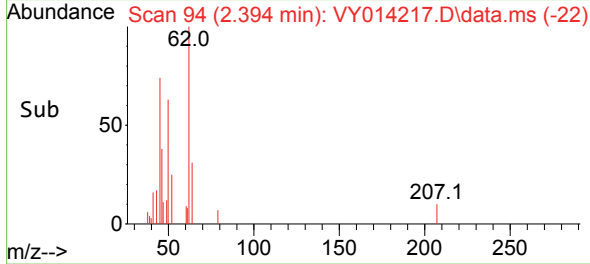
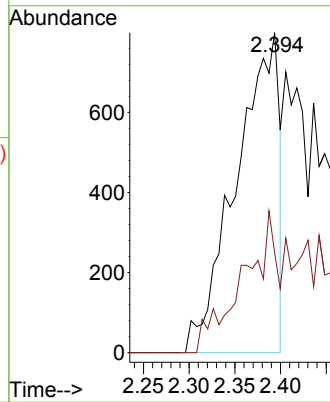
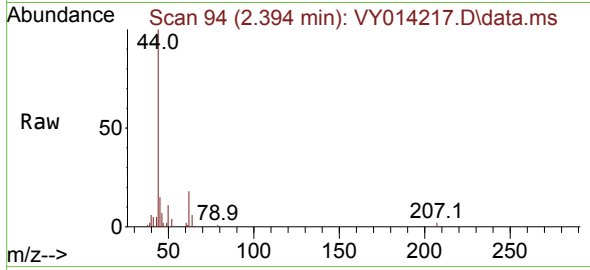




#4
 Vinyl Chloride
 Concen: 3.256 ug/l
 RT: 2.394 min Scan# 94
 Delta R.T. 0.140 min
 Lab File: VY014217.D
 Acq: 16 Jun 2023 20:42

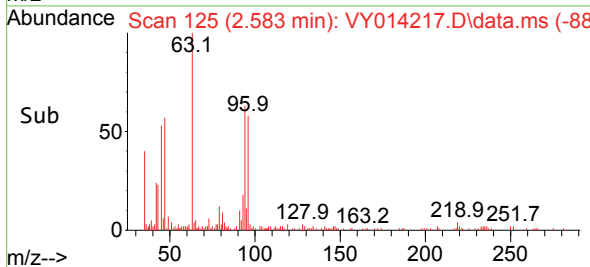
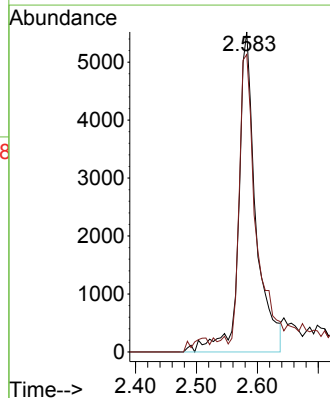
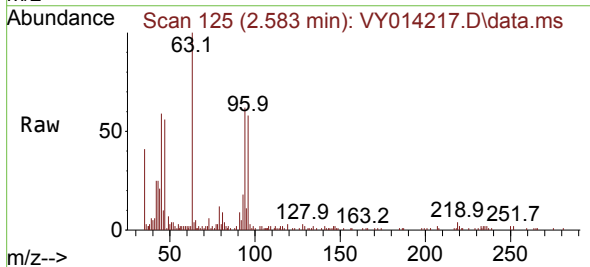
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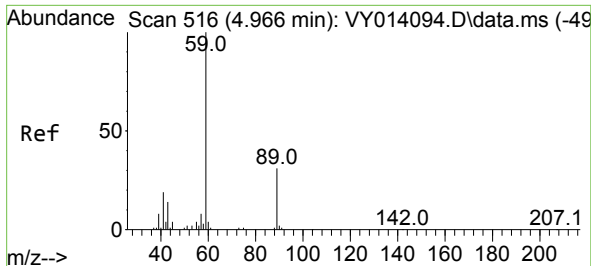
Tgt Ion: 62 Resp: 2606
 Ion Ratio Lower Upper
 62 100
 64 31.3 24.3 36.5



#5
 Bromomethane
 Concen: 16.486 ug/l
 RT: 2.583 min Scan# 125
 Delta R.T. -0.072 min
 Lab File: VY014217.D
 Acq: 16 Jun 2023 20:42

Tgt Ion: 94 Resp: 10886
 Ion Ratio Lower Upper
 94 100
 96 93.0 75.8 113.6

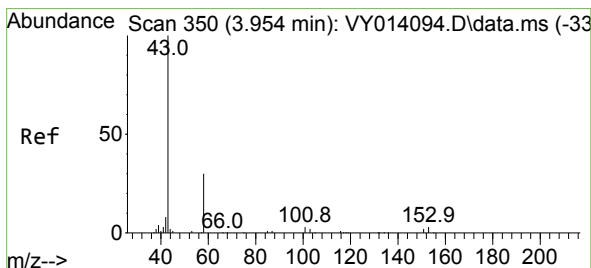
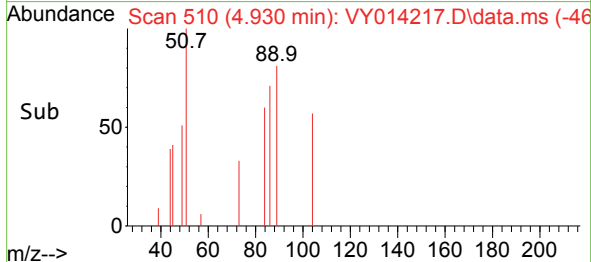
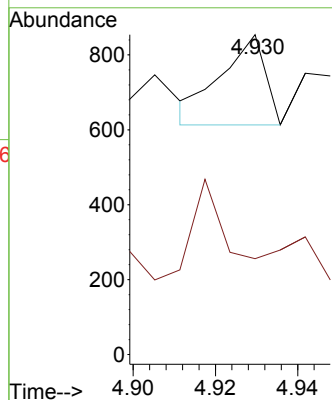
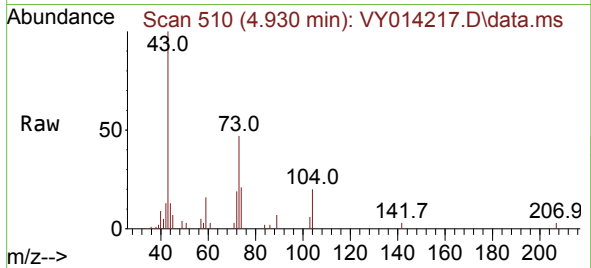




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 516
Delta R.T. -0.036 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

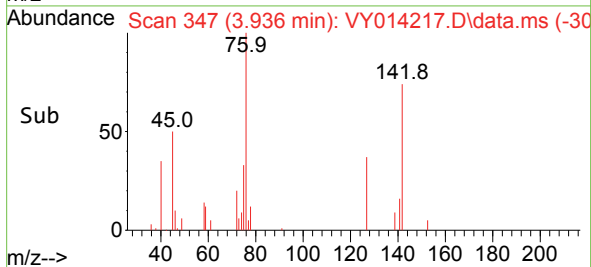
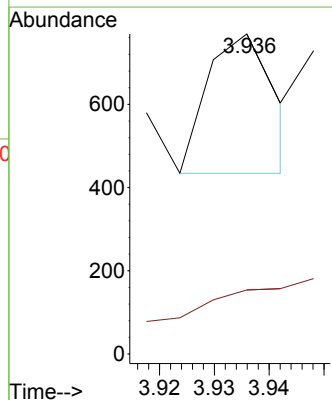
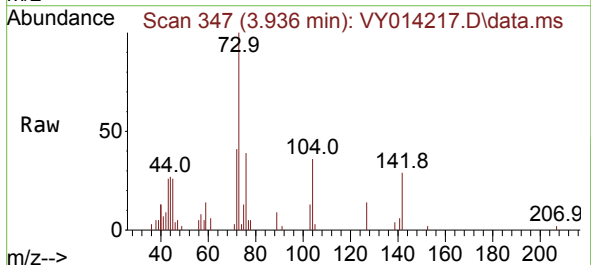
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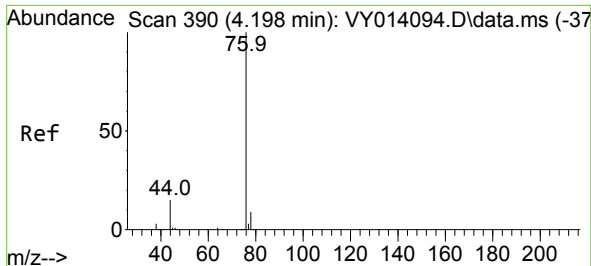
Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 101.1 3.0 4.4#



#16
Acetone
Concen: 1.162 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
58 20.0 22.7 34.1#

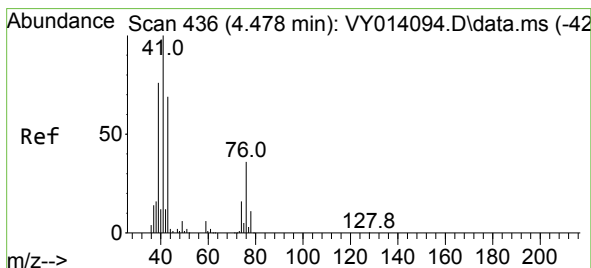
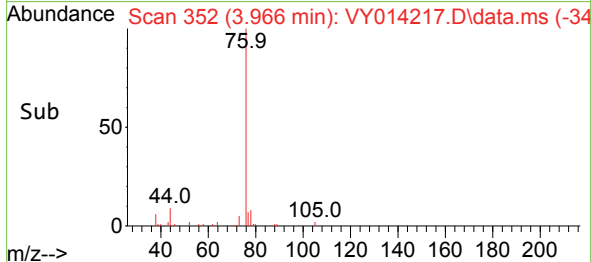
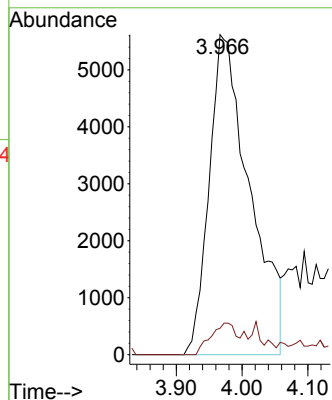
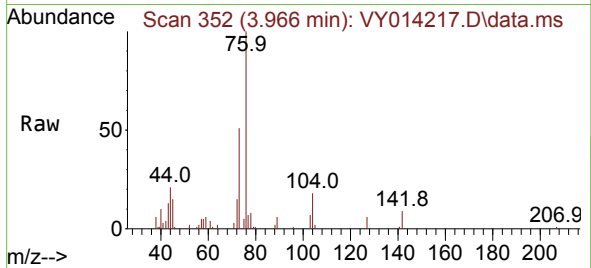




#17
Carbon Disulfide
Concen: 11.191 ug/l
RT: 3.966 min Scan# 311
Delta R.T. -0.232 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

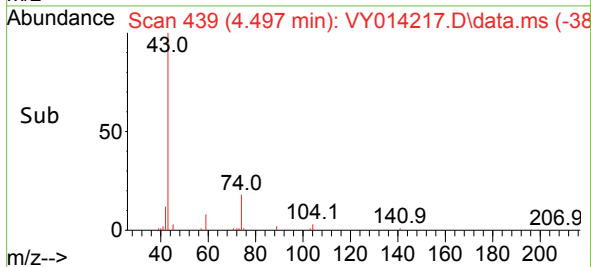
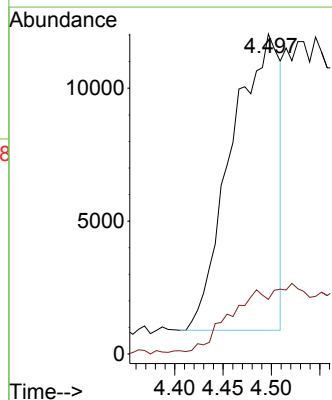
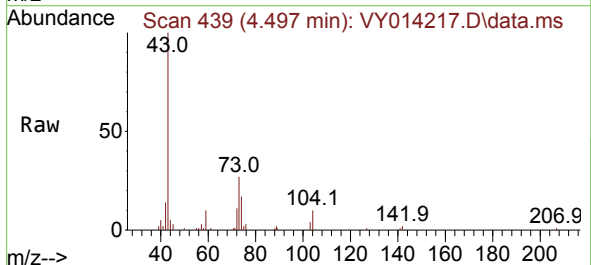
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-15-GRAB-7RE

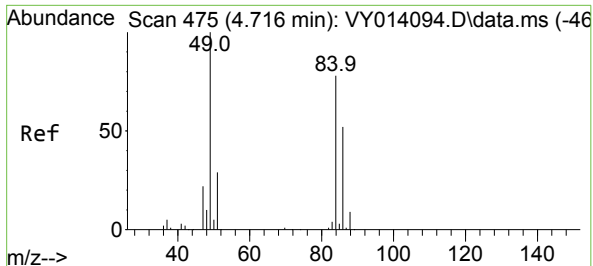
Tgt Ion: 76 Resp: 24119
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#18
Methyl Acetate
Concen: 40.664 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.019 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

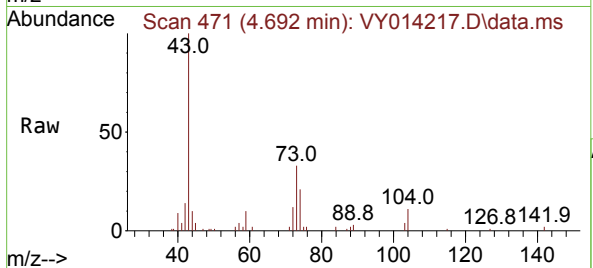
Tgt Ion: 43 Resp: 38592
Ion Ratio Lower Upper
43 100
74 17.4 17.4 26.0



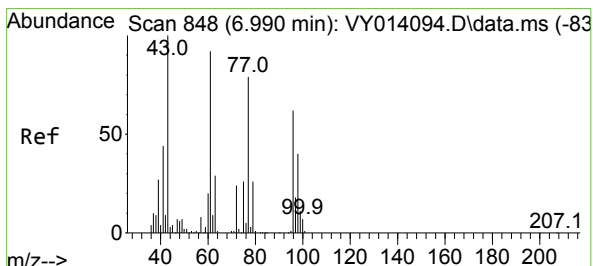
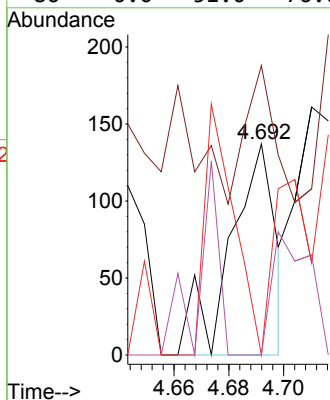
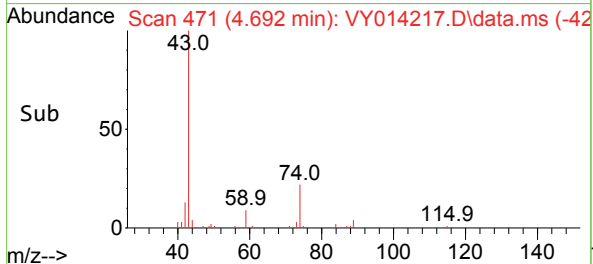


#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 41
Delta R.T. -0.024 min
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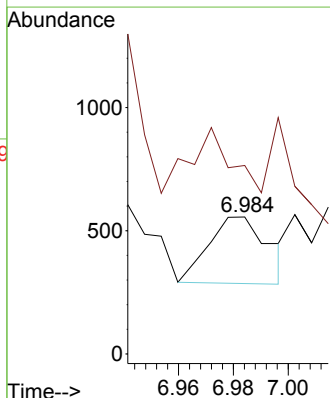
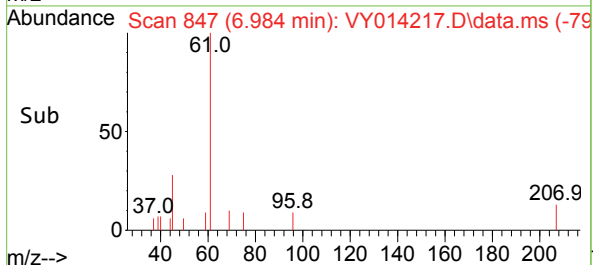
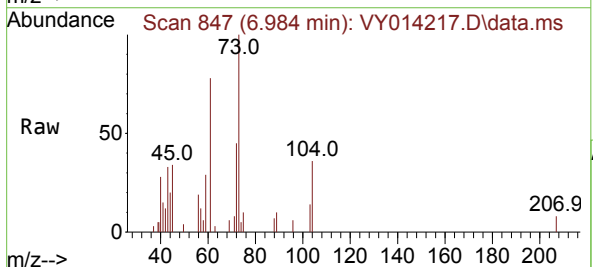


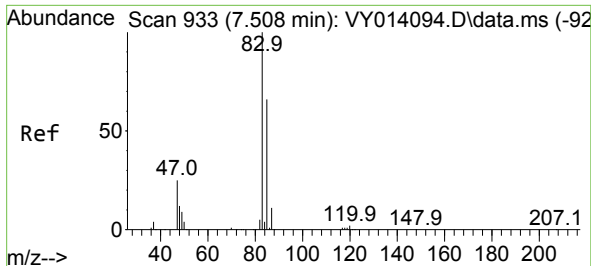
Tgt Ion: 84 Resp: 158
Ion Ratio Lower Upper
84 100
49 42.3 106.9 160.3#
51 0.0 33.2 49.8#
86 0.0 51.0 76.6#



#25
2-Butanone
Concen: 1.352 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

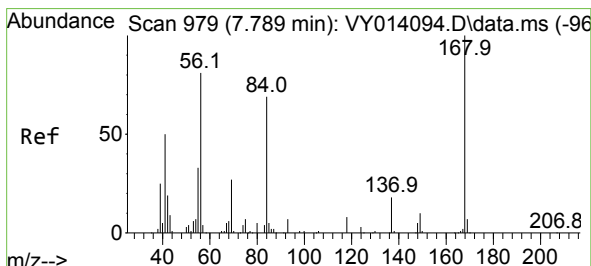
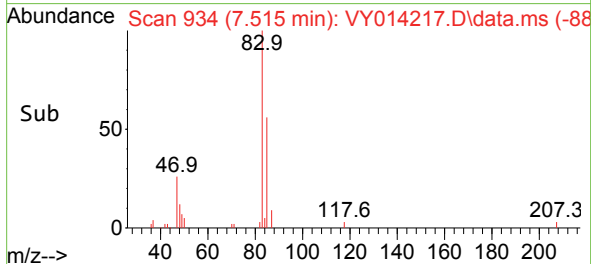
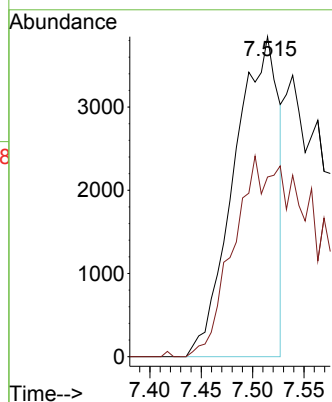
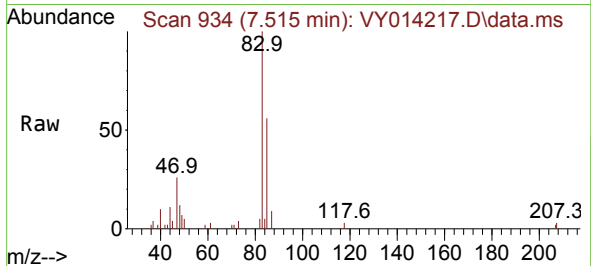




#30
Chloroform
Concen: 8.147 ug/l
RT: 7.515 min Scan# 911
Delta R.T. 0.007 min
Lab File: VY014217.D
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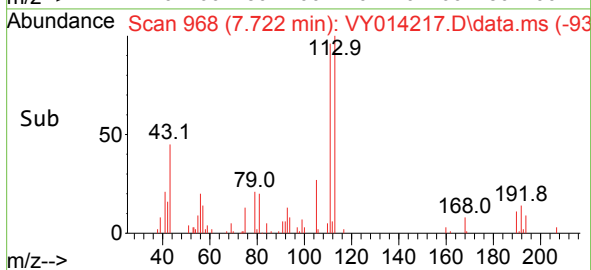
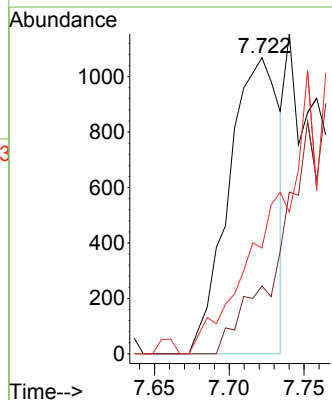
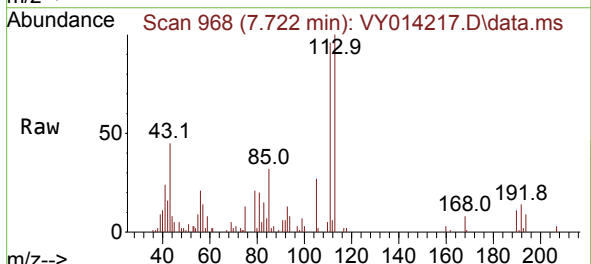
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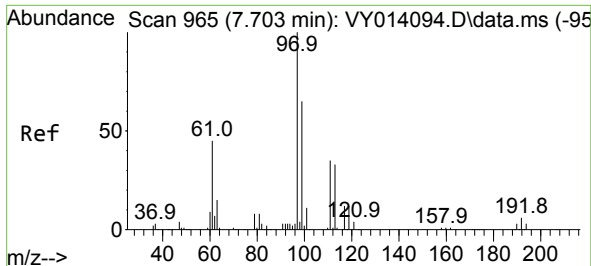
Tgt Ion: 83 Resp: 11503
Ion Ratio Lower Upper
83 100
85 56.1 49.7 74.5



#31
Cyclohexane
Concen: 2.293 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.067 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 56 Resp: 2492
Ion Ratio Lower Upper
56 100
69 22.9 27.8 41.6#
84 35.8 66.4 99.6#

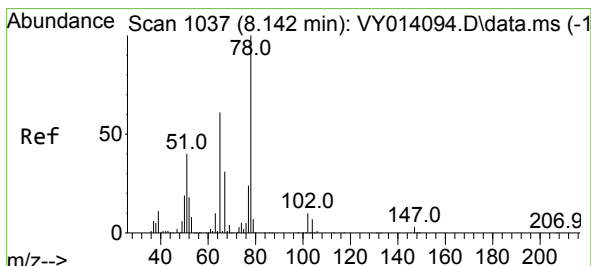
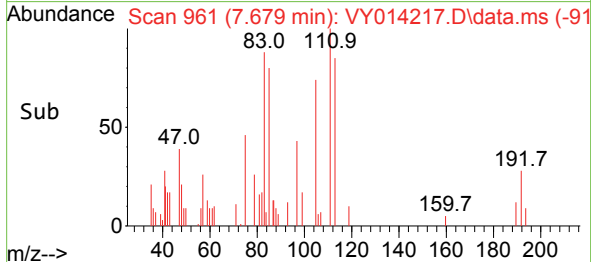
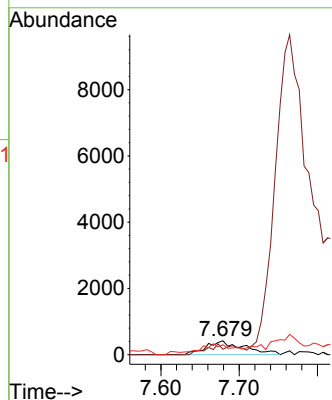
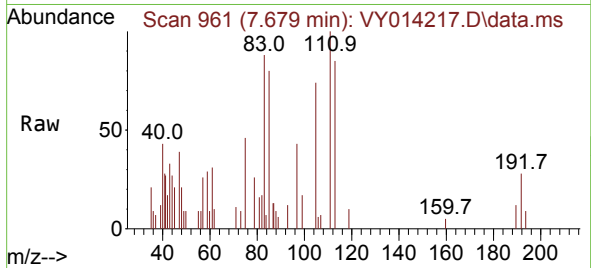




#32
1,1,1-Trichloroethane
Concen: 1.105 ug/l
RT: 7.679 min Scan# 91
Delta R.T. -0.024 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

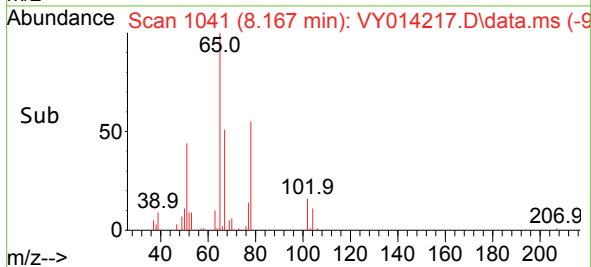
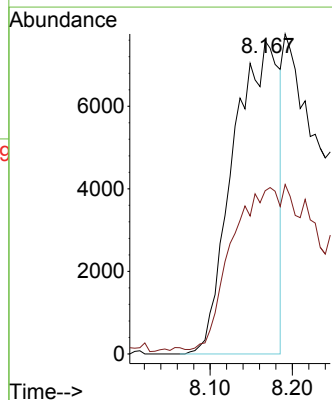
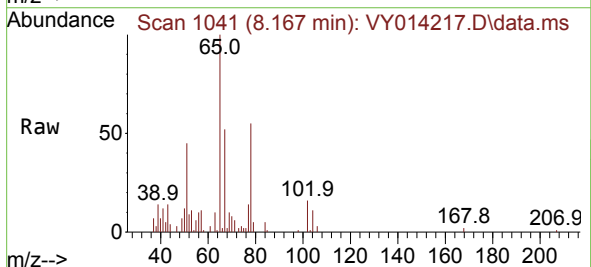
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE

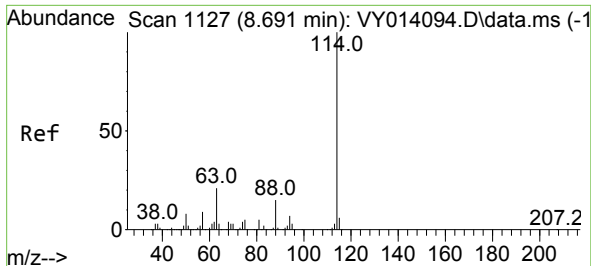
Tgt Ion: 97 Resp: 1407
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 43.9 35.1 52.7



#33
1,2-Dichloroethane-d4
Concen: 36.142 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.025 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 65 Resp: 29316
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8

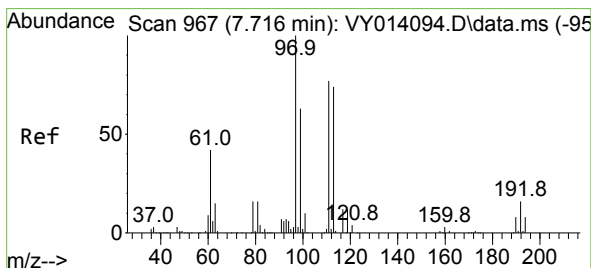
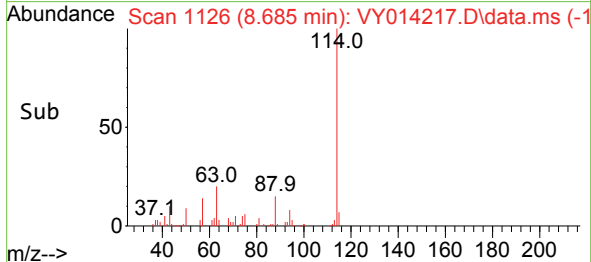
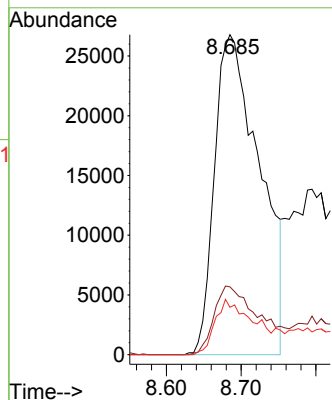
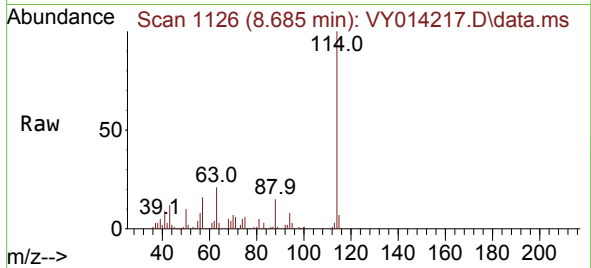




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

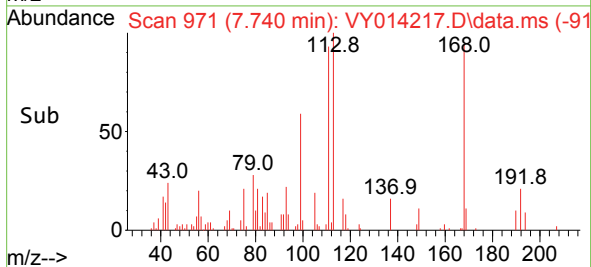
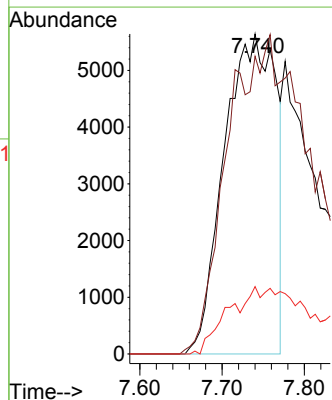
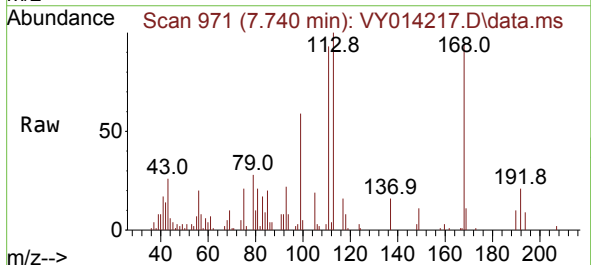
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-15-GRAB-7RE

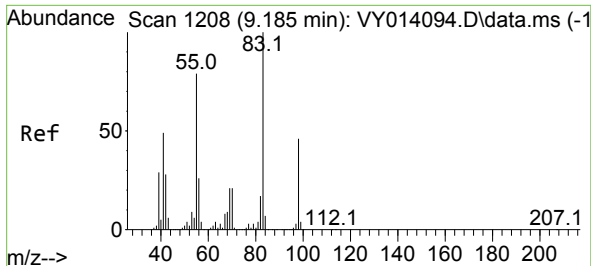
Tgt Ion:	114	Resp:	112381
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.4
88	14.8	0.0	30.6



#35
Dibromofluoromethane
Concen: 30.949 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.024 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion:	113	Resp:	24666
Ion	Ratio	Lower	Upper
113	100		
111	0.0	81.3	121.9#
192	1.8	16.9	25.3#





#39

Methylcyclohexane

Concen: 28.156 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY014217.D

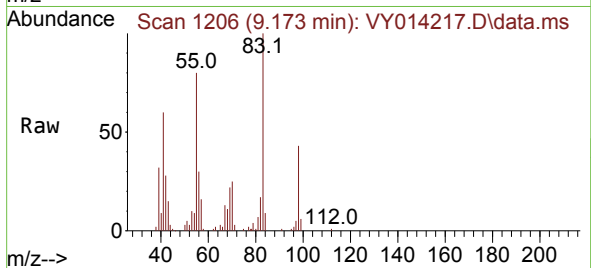
Acq: 16 Jun 2023 20:42

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-15-GRAB-7RE



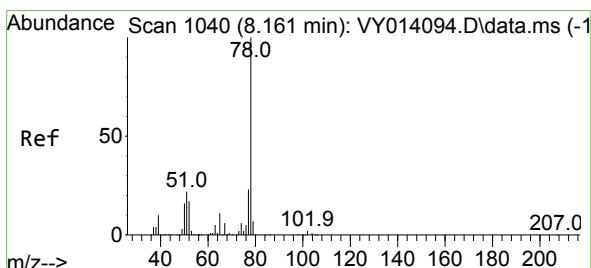
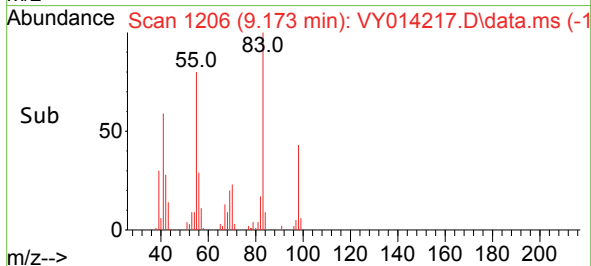
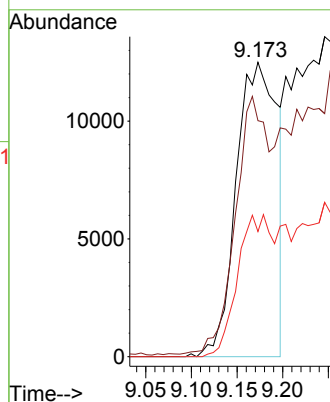
Tgt Ion: 83 Resp: 38815

Ion Ratio Lower Upper

83 100

55 79.3 63.0 94.4

98 42.5 37.4 56.2



#40

Benzene

Concen: 7.995 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.019 min

Lab File: VY014217.D

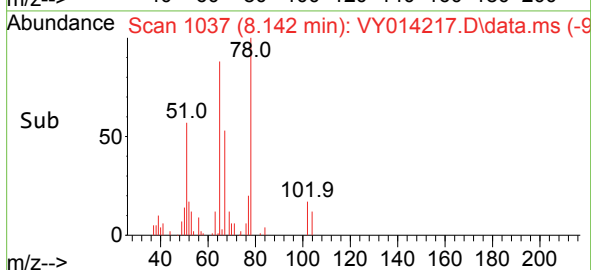
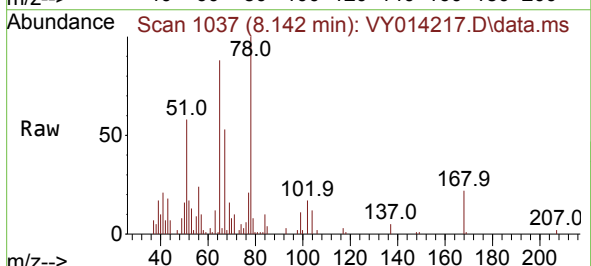
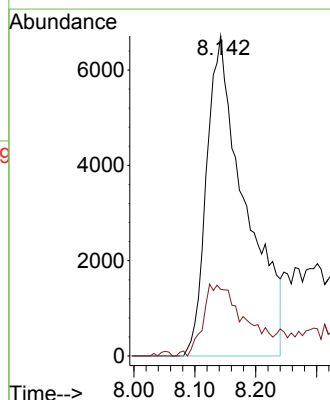
Acq: 16 Jun 2023 20:42

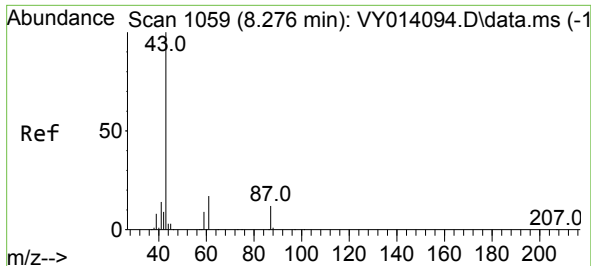
Tgt Ion: 78 Resp: 29539

Ion Ratio Lower Upper

78 100

77 19.6 19.0 28.6

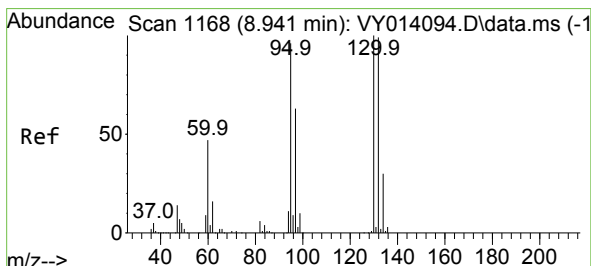
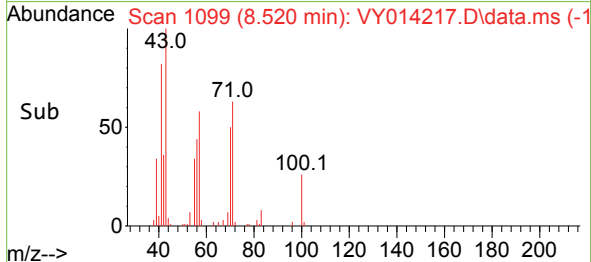
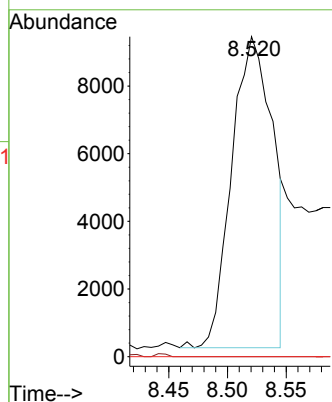
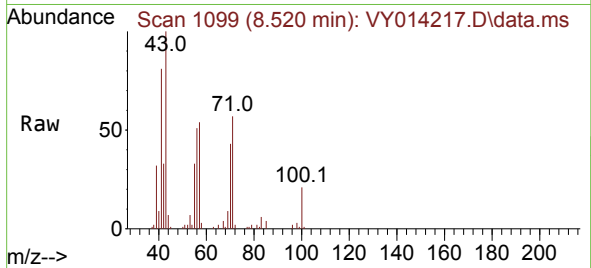




#43
Isopropyl Acetate
Concen: 14.978 ug/l
RT: 8.520 min Scan# 1099
Delta R.T. 0.244 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

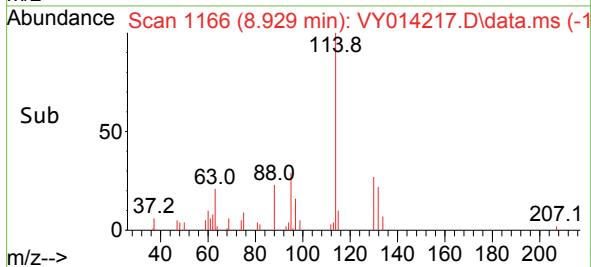
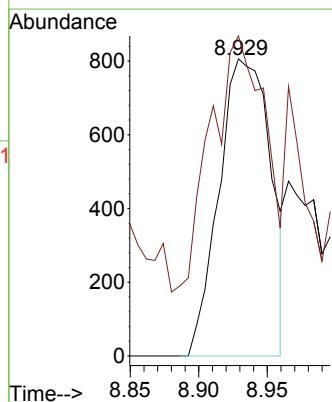
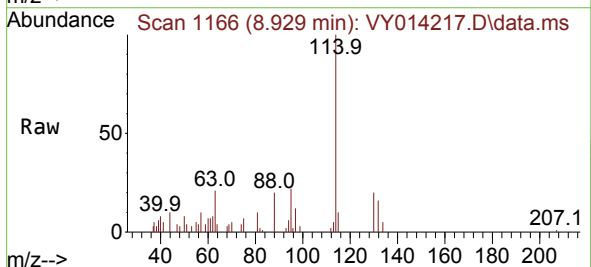
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE

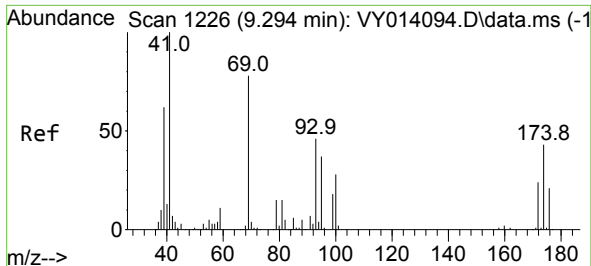
Tgt Ion: 43 Resp: 22506
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#



#44
Trichloroethene
Concen: 2.143 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.012 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 130 Resp: 2115
Ion Ratio Lower Upper
130 100
95 84.1 0.0 196.0

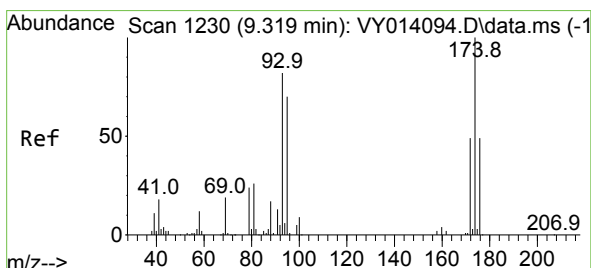
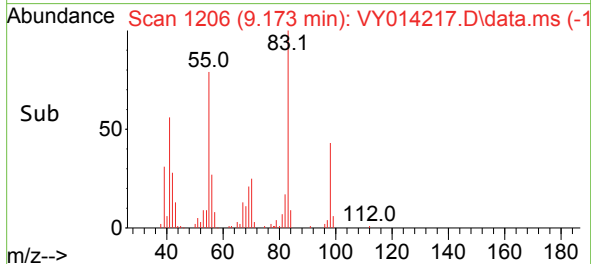
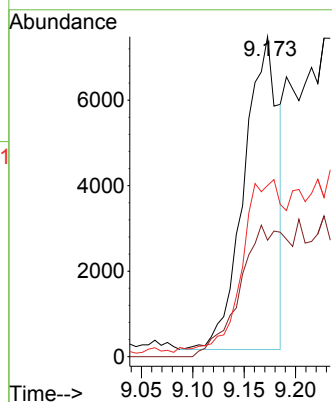
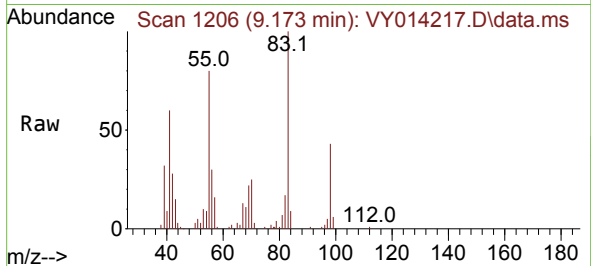




#48
Methyl methacrylate
Concen: 24.177 ug/l
RT: 9.173 min Scan# 11
Delta R.T. -0.121 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

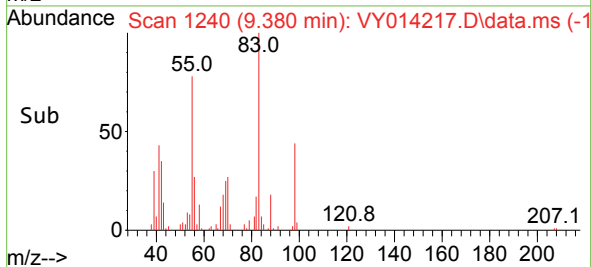
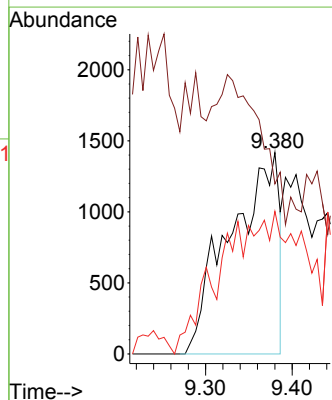
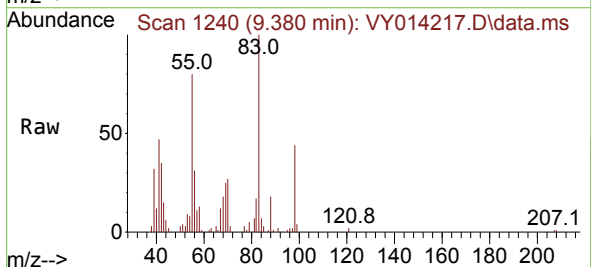
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE

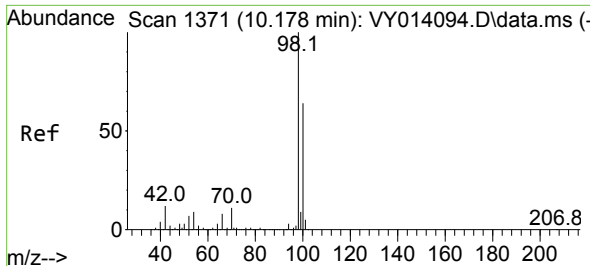
Tgt Ion: 41 Resp: 16944
Ion Ratio Lower Upper
41 100
69 36.2 64.5 96.7#
39 67.5 50.8 76.2



#49
1,4-Dioxane
Concen: 752.295 ug/l
RT: 9.380 min Scan# 1240
Delta R.T. 0.061 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 88 Resp: 5522
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 30.9 46.3#

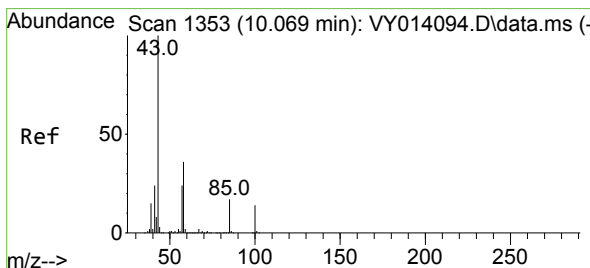
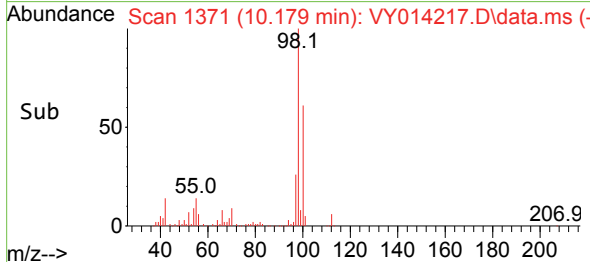
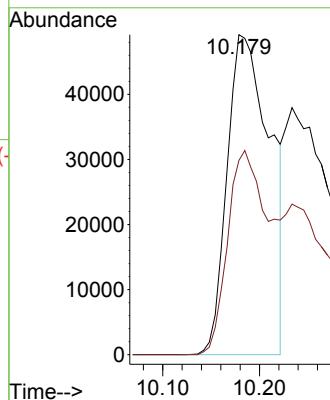
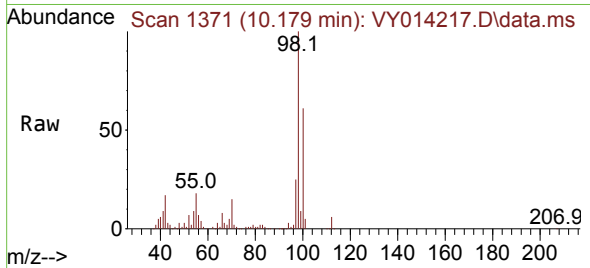




#50
Toluene-d8
Concen: 50.867 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

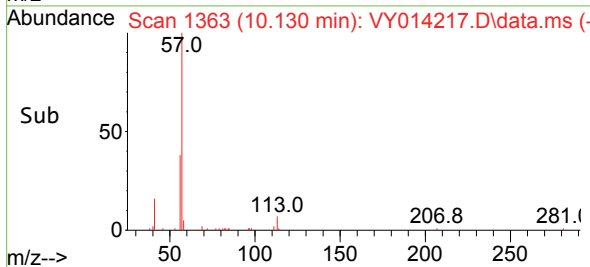
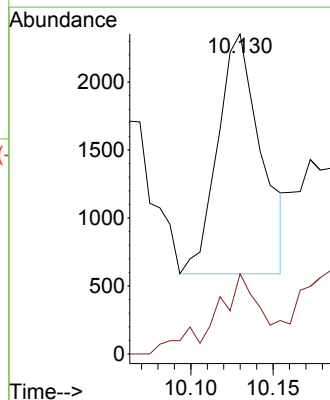
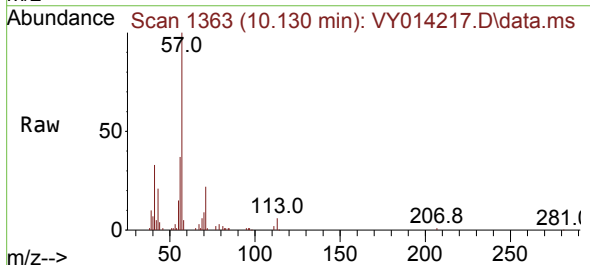
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE

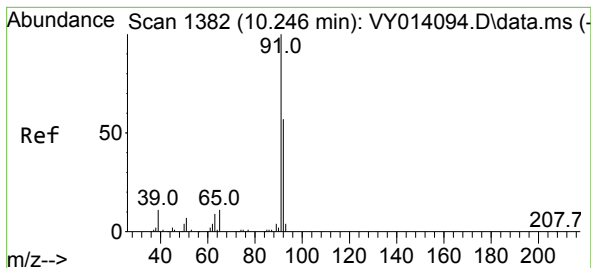
Tgt Ion: 98 Resp: 151564
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 3.948 ug/l
RT: 10.130 min Scan# 1363
Delta R.T. 0.061 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 43 Resp: 3223
Ion Ratio Lower Upper
43 100
58 34.9 29.0 43.6





#52

Toluene

Concen: 21.081 ug/l

RT: 10.246 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014217.D

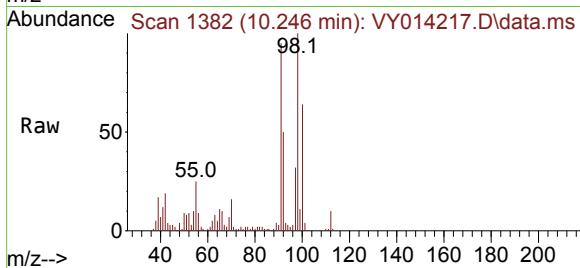
Acq: 16 Jun 2023 20:42

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-15-GRAB-7RE

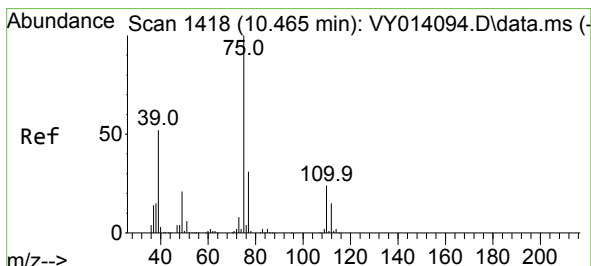
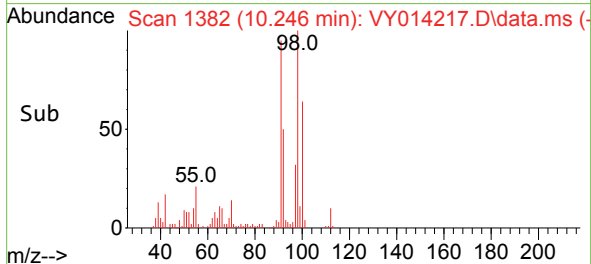
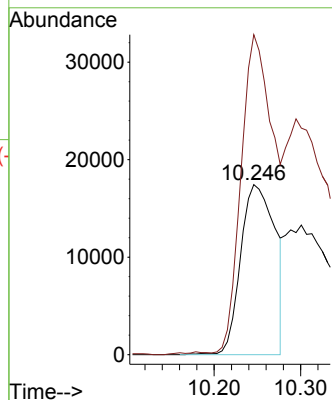


Tgt Ion: 92 Resp: 48283

Ion Ratio Lower Upper

92 100

91 175.4 143.8 215.6



#53

t-1,3-Dichloropropene

Concen: 1.181 ug/l

RT: 10.398 min Scan# 1407

Delta R.T. -0.067 min

Lab File: VY014217.D

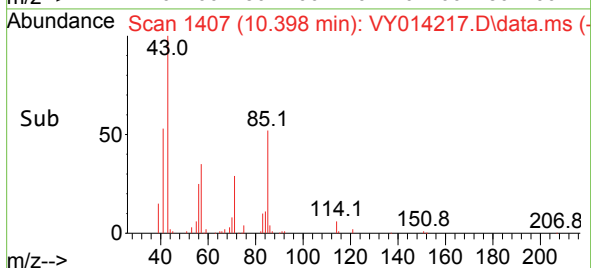
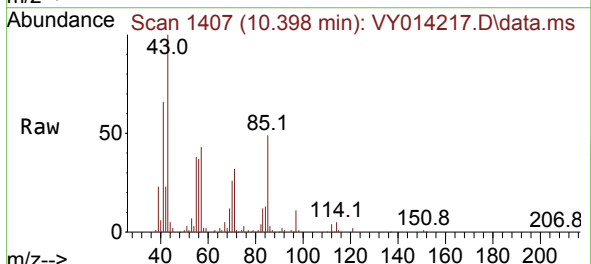
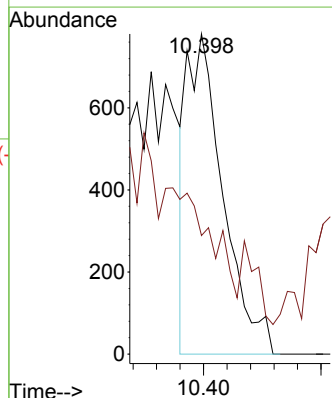
Acq: 16 Jun 2023 20:42

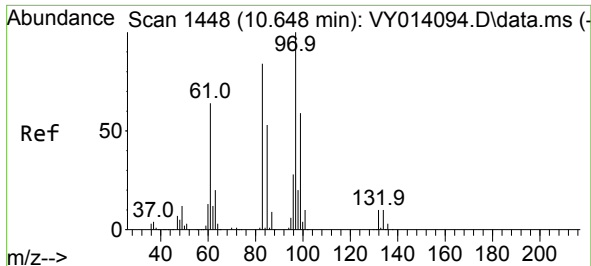
Tgt Ion: 75 Resp: 1681

Ion Ratio Lower Upper

75 100

77 24.6 25.0 37.4#

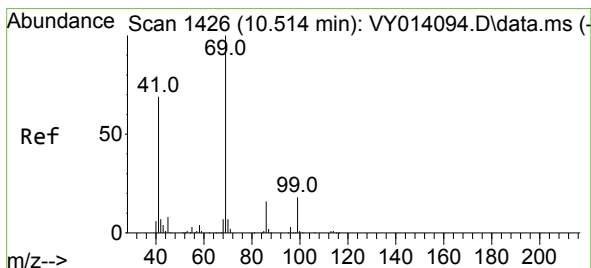
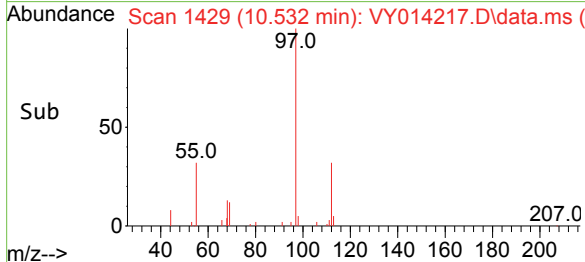
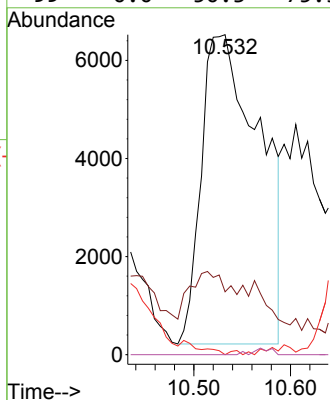
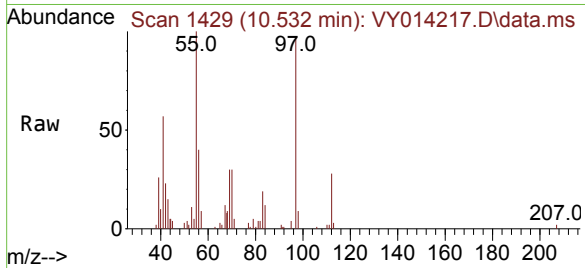




#55
1,1,2-Trichloroethane
Concen: 34.437 ug/l
RT: 10.532 min Scan# 1448
Delta R.T. -0.116 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

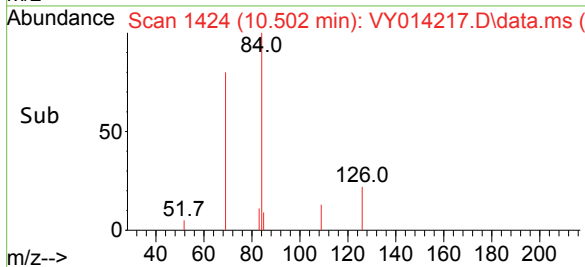
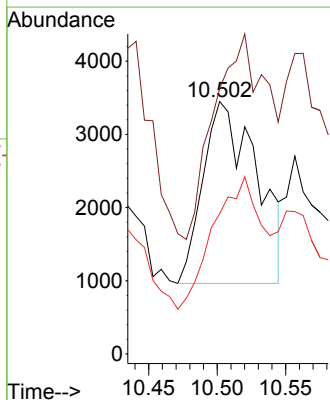
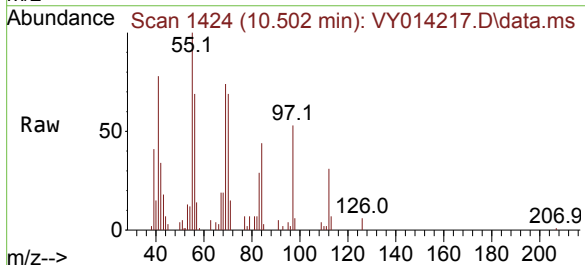
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-15-GRAB-7RE

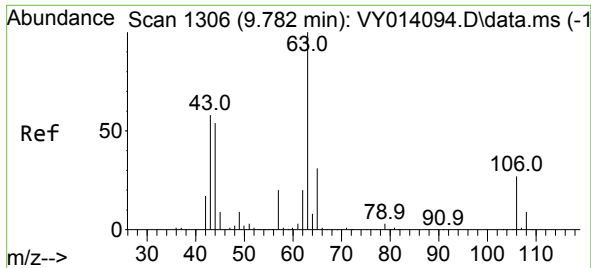
Tgt Ion: 97	Resp: 26386
Ion Ratio	Lower Upper
97 100	
83 8.9	72.0 108.0#
85 0.0	45.4 68.0#
99 0.0	50.3 75.5#



#56
Ethyl methacrylate
Concen: 6.418 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.012 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 69	Resp: 6783		
Ion Ratio	Lower	Upper	
69 100			
41 132.1	57.6	86.4#	
39 65.1	34.1	51.1#	

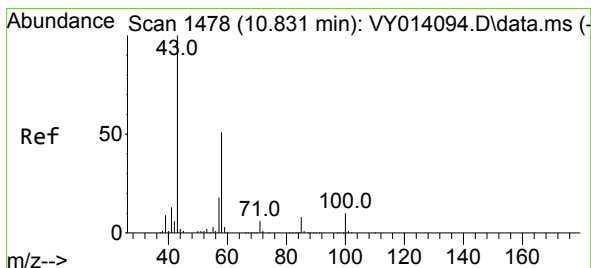
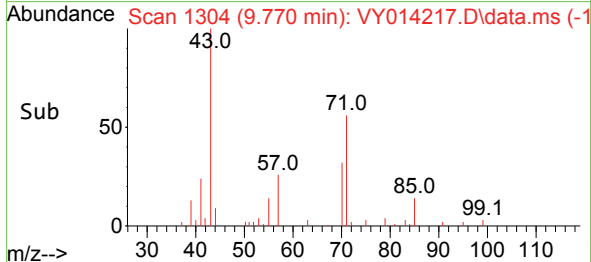
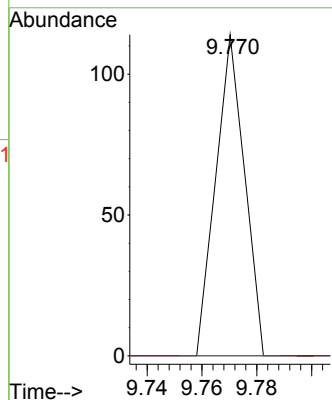
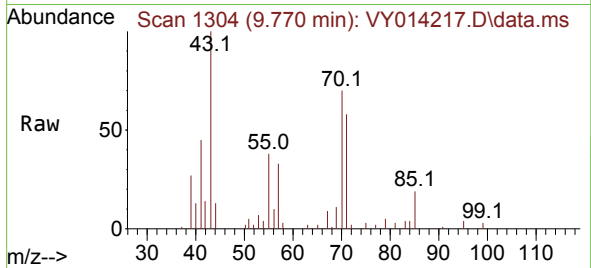




#58
2-Chloroethyl Vinyl ether
Concen: 28.775 ug/l
RT: 9.770 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

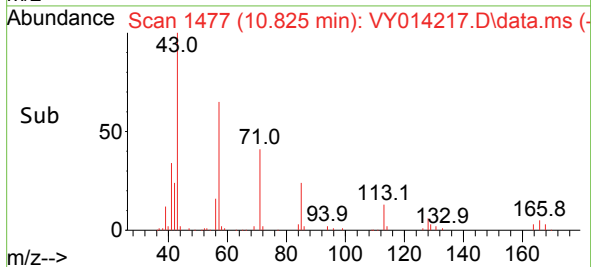
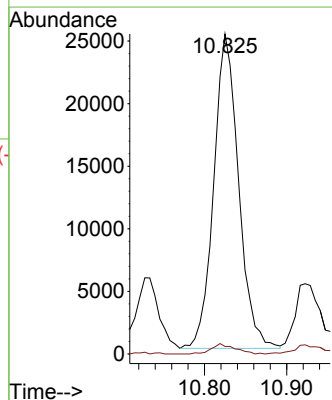
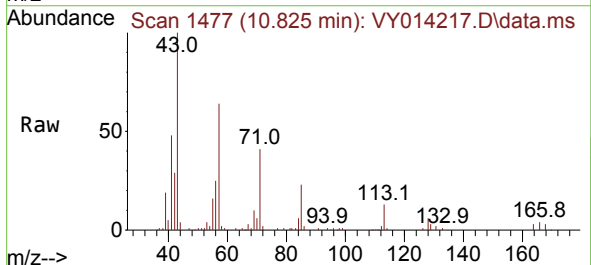
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE

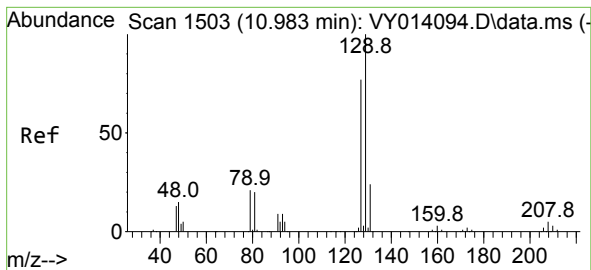
Tgt Ion: 63 Resp: 83
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#59
2-Hexanone
Concen: 89.458 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 43 Resp: 52745
Ion Ratio Lower Upper
43 100
58 3.1 25.1 75.3#

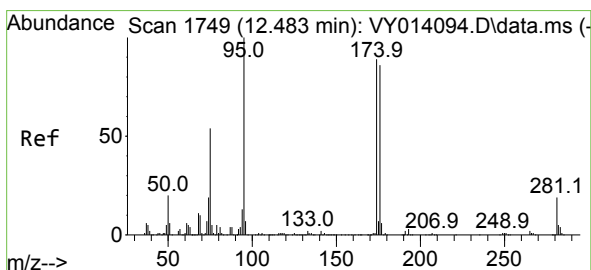
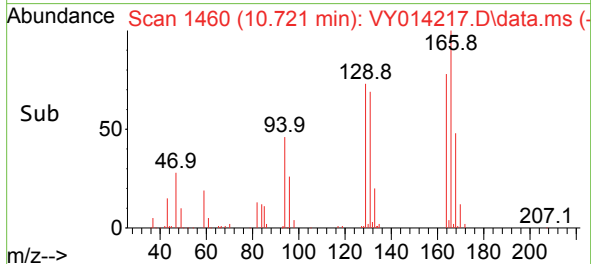
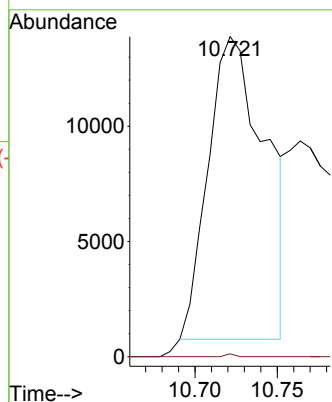
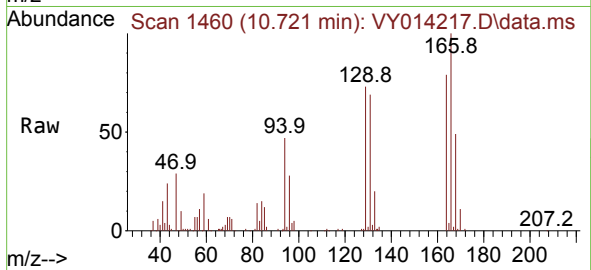




#60
Dibromochloromethane
Concen: 32.277 ug/l
RT: 10.721 min Scan# 14
Delta R.T. -0.262 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

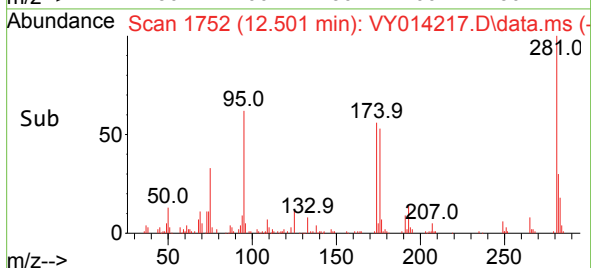
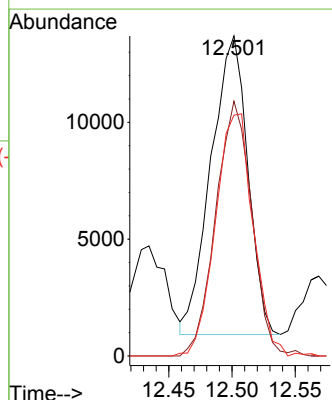
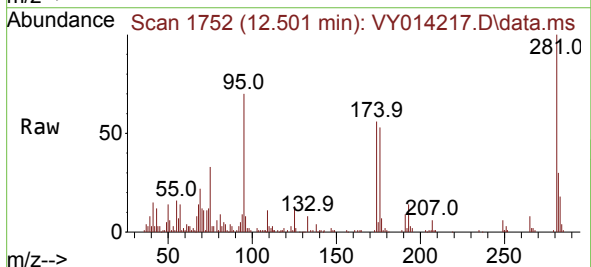
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE

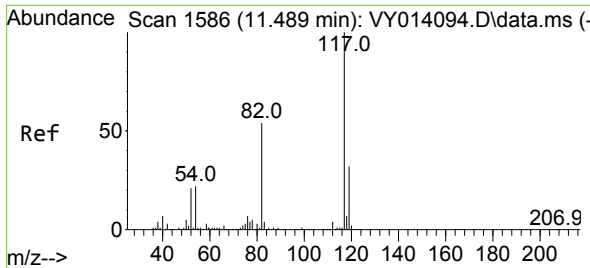
Tgt Ion:129 Resp: 31653
Ion Ratio Lower Upper
129 100
127 0.1 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 24.340 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.018 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion: 95 Resp: 25762
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 83.4 0.0 173.8

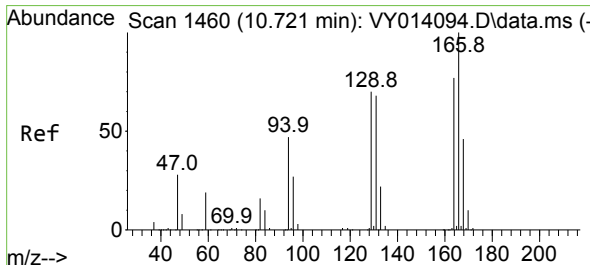
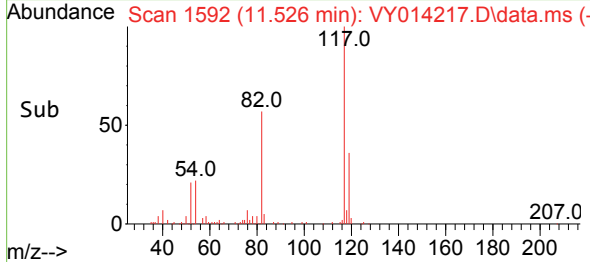
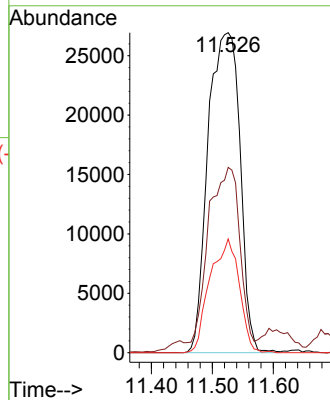
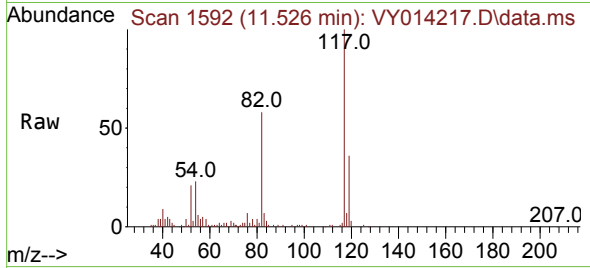




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.037 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

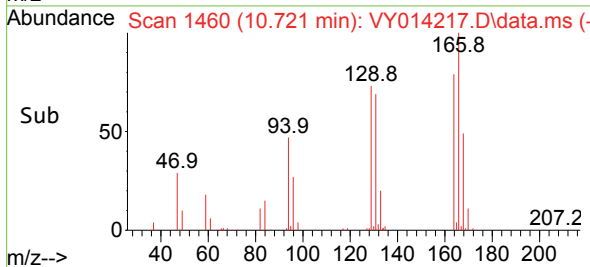
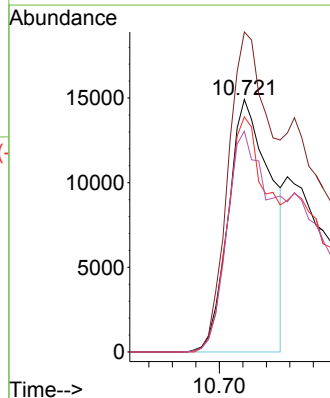
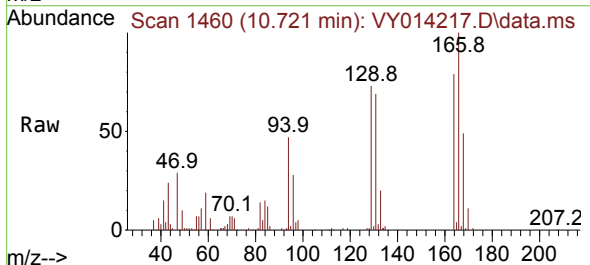
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE

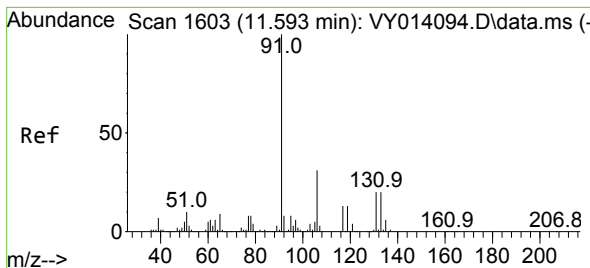
Tgt Ion:117	Resp:	98236
Ion Ratio	Lower	Upper
117	100	
82	54.1	43.4 65.0
119	35.5	26.3 39.5



#64
Tetrachloroethene
Concen: 45.063 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion:164	Resp:	37733
Ion Ratio	Lower	Upper
164	100	
166	126.8	103.0 154.6
129	93.1	77.2 115.8
131	87.5	69.6 104.4





#67

Ethyl Benzene

Concen: 12.375 ug/l

RT: 11.617 min Scan# 1607

Delta R.T. 0.024 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

Instrument :

MSVOA_Y

ClientSampleId :

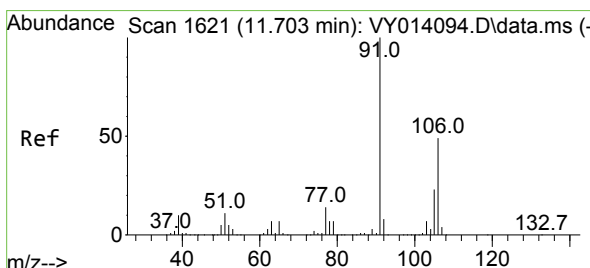
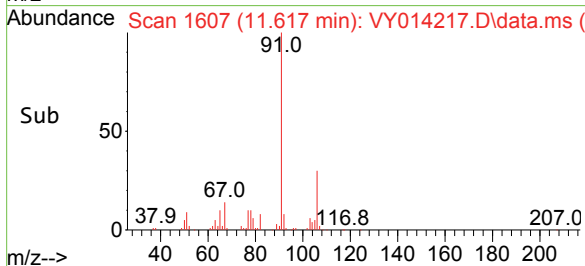
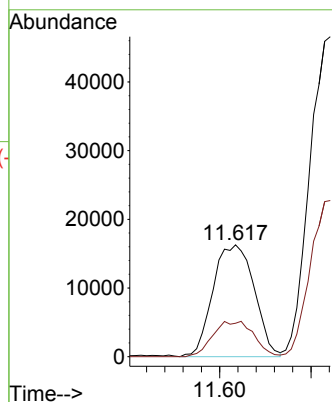
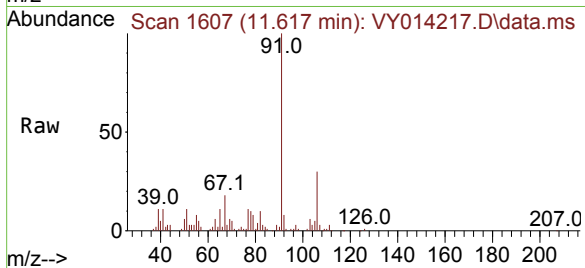
TOTAL-VOC-SB-15-GRAB-7RE

Tgt Ion: 91 Resp: 51129

Ion Ratio Lower Upper

91 100

106 29.9 24.6 36.8



#68

m/p-Xylenes

Concen: 43.510 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.024 min

Lab File: VY014217.D

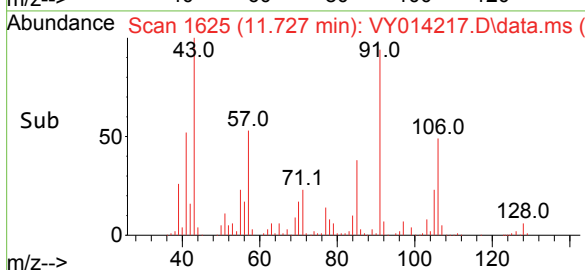
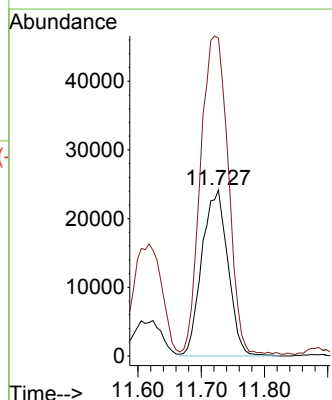
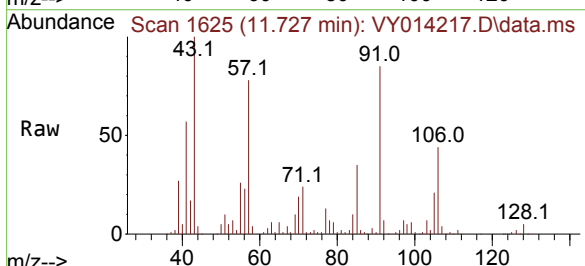
Acq: 16 Jun 2023 20:42

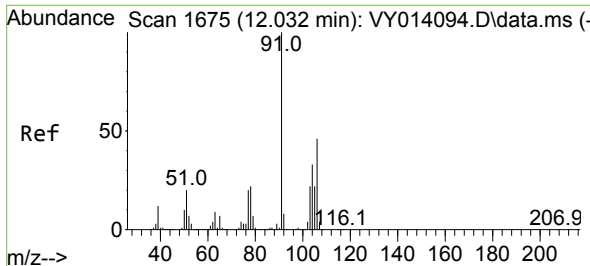
Tgt Ion:106 Resp: 69147

Ion Ratio Lower Upper

106 100

91 202.0 166.1 249.1

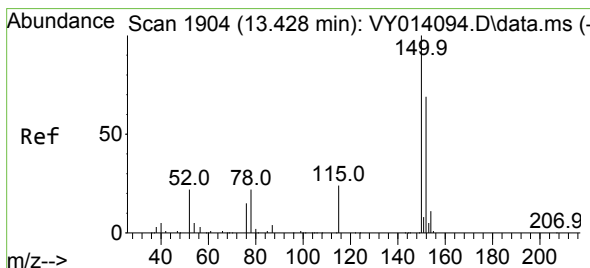
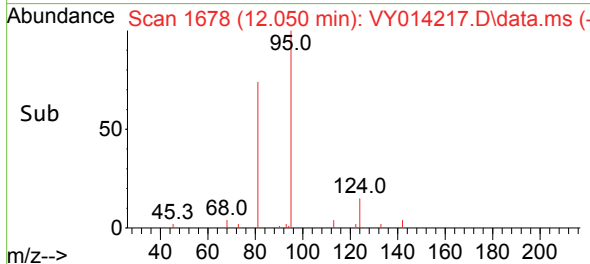
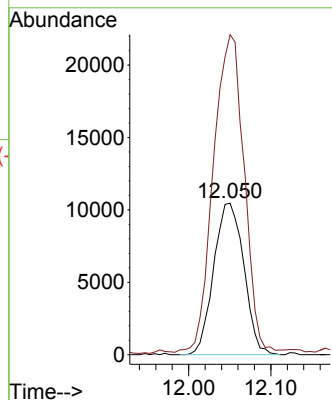
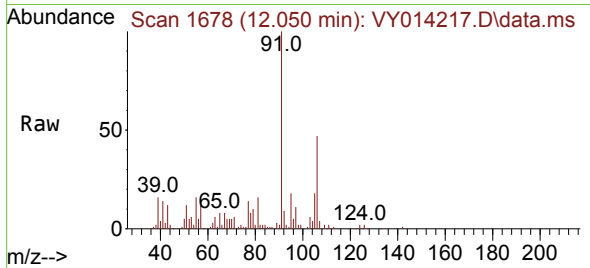




#69
o-Xylene
Concen: 17.680 ug/l
RT: 12.050 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

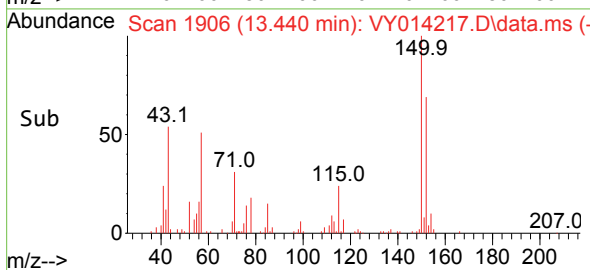
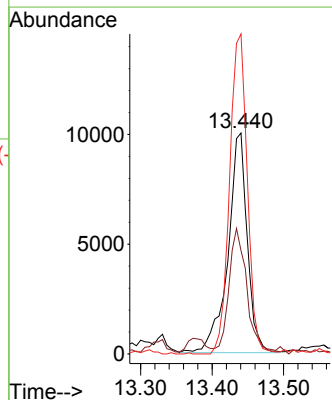
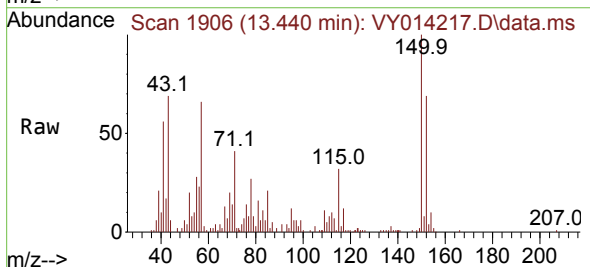
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE

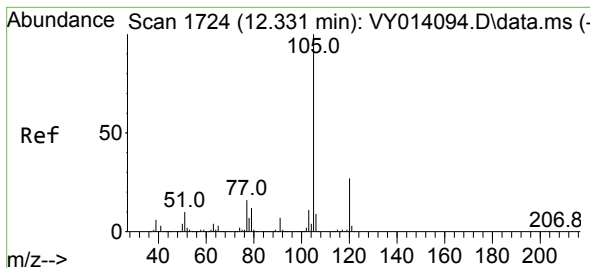
Tgt Ion:106 Resp: 26565
Ion Ratio Lower Upper
106 100
91 213.7 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Tgt Ion:152 Resp: 18843
Ion Ratio Lower Upper
152 100
115 51.9 28.8 86.5
150 132.9 0.0 348.8





#73

Isopropylbenzene

Concen: 23.360 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

Instrument :

MSVOA_Y

ClientSampleId :

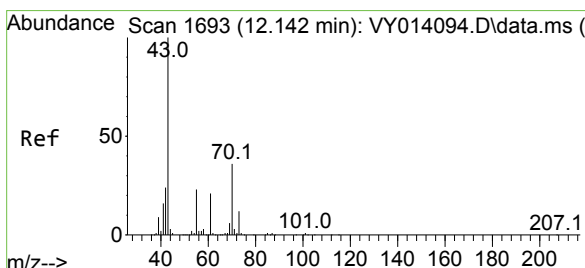
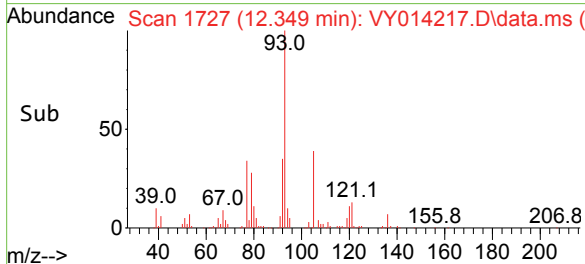
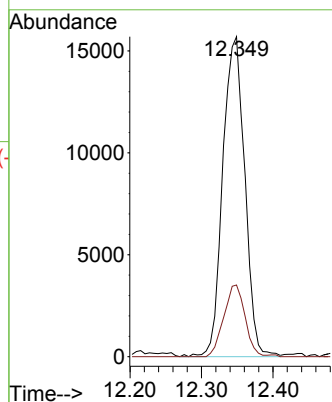
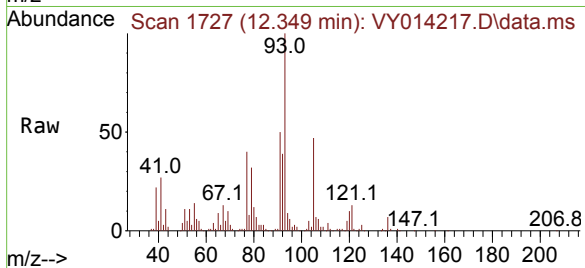
TOTAL-VOC-SB-15-GRAB-7RE

Tgt Ion:105 Resp: 33579

Ion Ratio Lower Upper

105 100

120 21.8 13.3 39.9



#74

N-ethyl acetate

Concen: 51.359 ug/l

RT: 12.136 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

Tgt Ion: 43 Resp: 23395

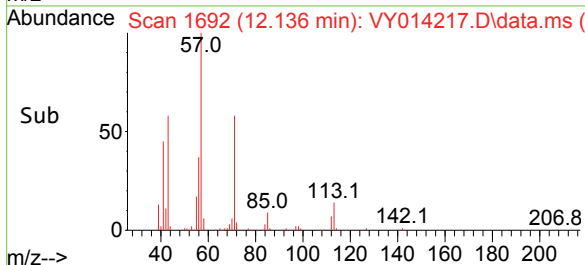
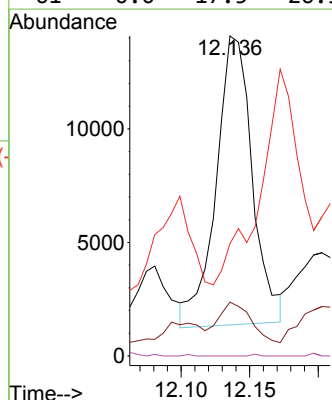
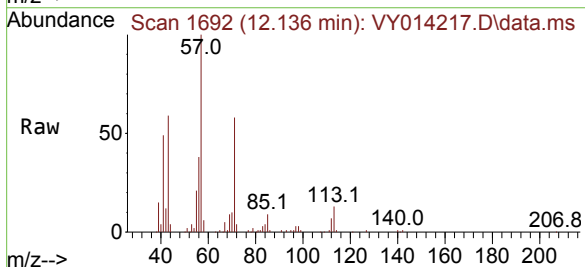
Ion Ratio Lower Upper

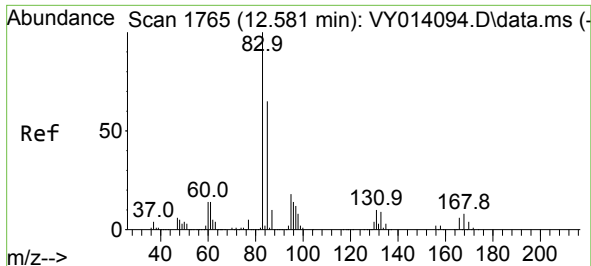
43 100

70 12.4 29.7 44.5#

55 0.0 18.3 27.5#

61 0.0 17.5 26.3#

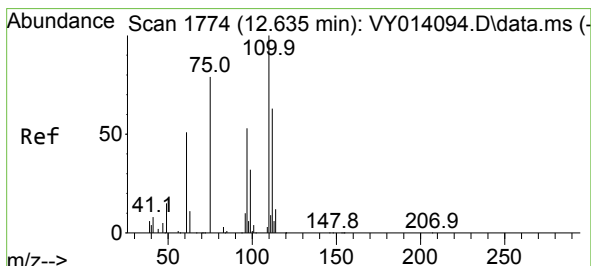
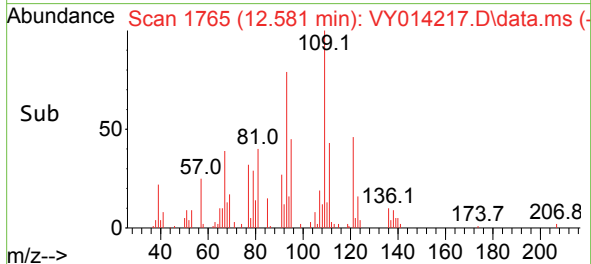
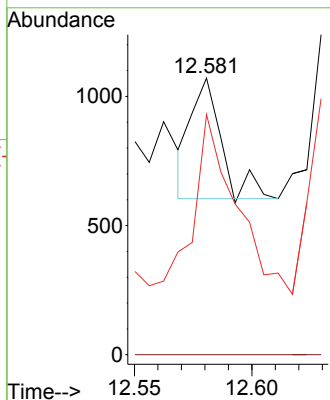
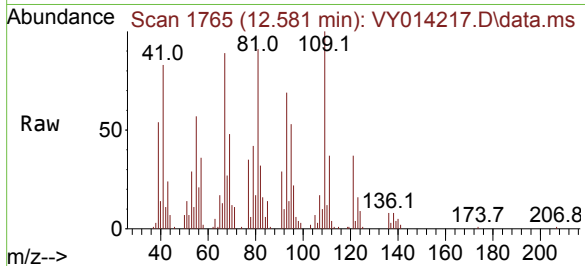




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.308 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY014217.D
 Acq: 16 Jun 2023 20:42

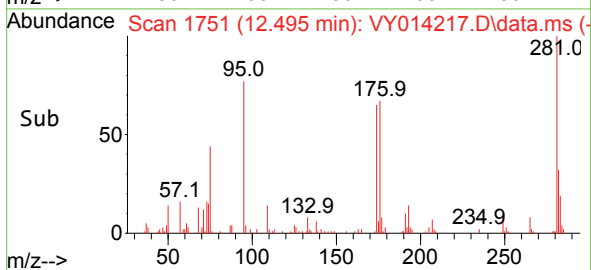
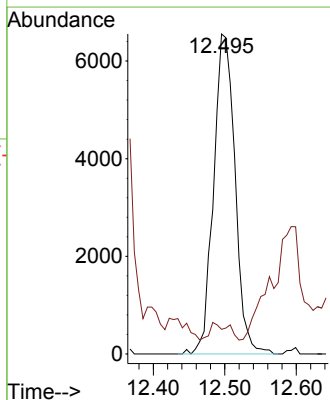
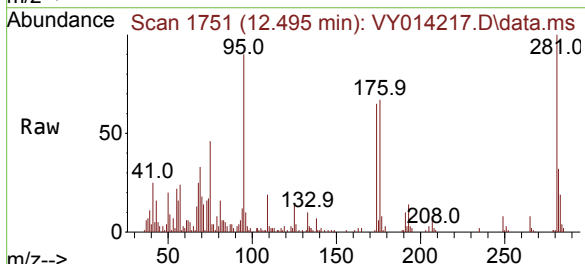
Instrument : MSVOA_Y
 ClientSampleId : TOTAL-VOC-SB-15-GRAB-7RE

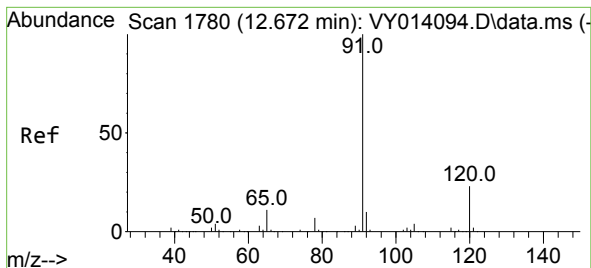
Tgt Ion: 83 Resp: 420
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.4 16.2#
 85 206.4 31.8 95.4#



#76
 1,2,3-Trichloropropane
 Concen: 55.284 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.140 min
 Lab File: VY014217.D
 Acq: 16 Jun 2023 20:42

Tgt Ion: 75 Resp: 13667
 Ion Ratio Lower Upper
 75 100
 77 4.5 0.0 0.0#





#78

n-propylbenzene

Concen: 21.524 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

Instrument :

MSVOA_Y

ClientSampleId :

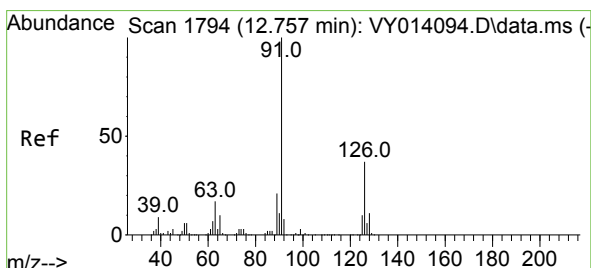
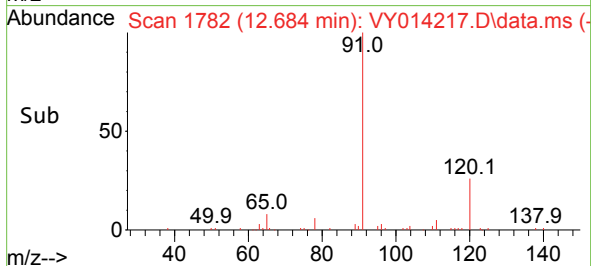
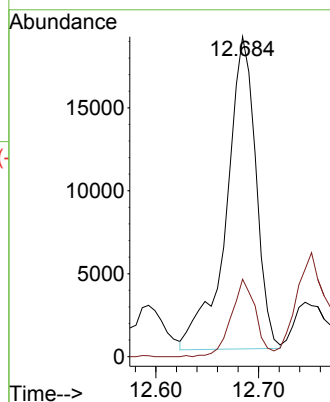
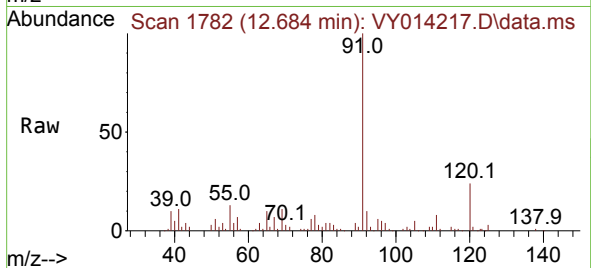
TOTAL-VOC-SB-15-GRAB-7RE

Tgt Ion: 91 Resp: 37790

Ion Ratio Lower Upper

91 100

120 20.7 11.5 34.4



#79

2-Chlorotoluene

Concen: 7.093 ug/l

RT: 12.745 min Scan# 1792

Delta R.T. -0.012 min

Lab File: VY014217.D

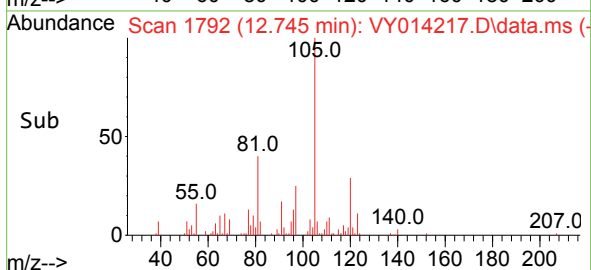
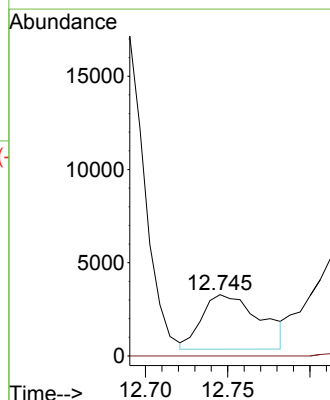
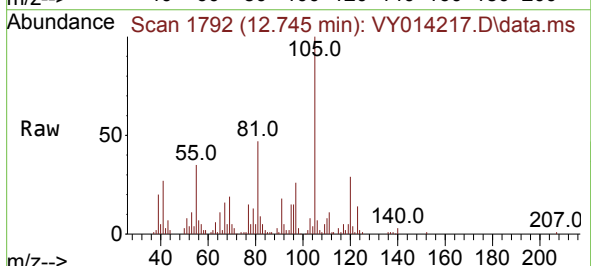
Acq: 16 Jun 2023 20:42

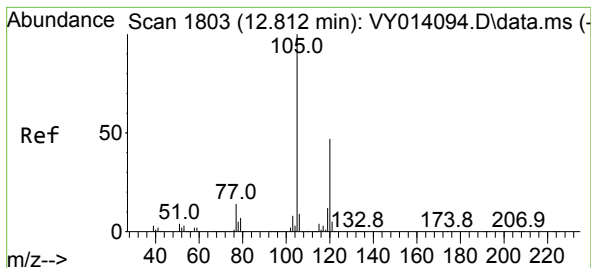
Tgt Ion: 91 Resp: 7166

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 19.117 ug/l

RT: 12.825 min Scan# 1803

Delta R.T. 0.013 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

Instrument :

MSVOA_Y

ClientSampleId :

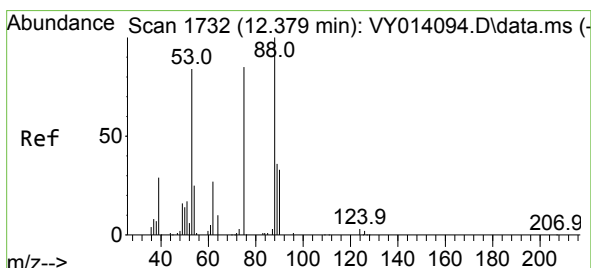
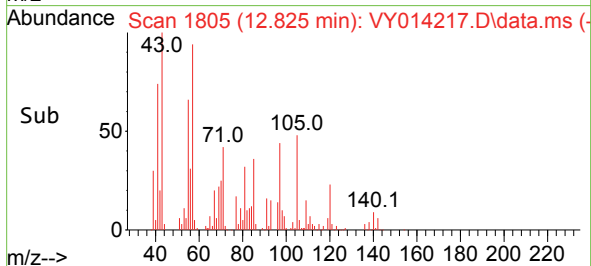
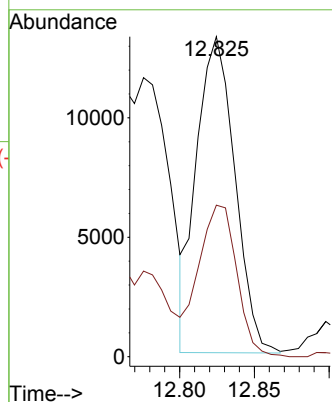
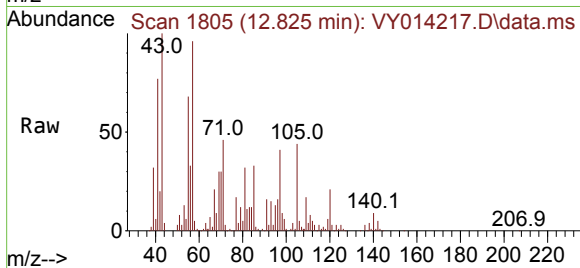
TOTAL-VOC-SB-15-GRAB-7RE

Tgt Ion:105 Resp: 23529

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 6.602 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. -0.036 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

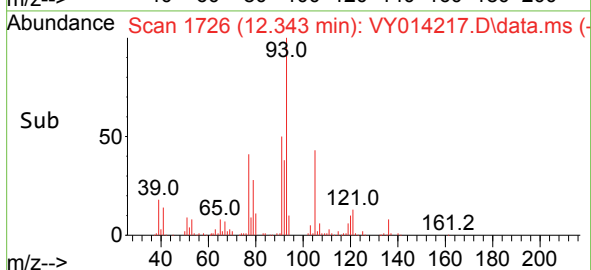
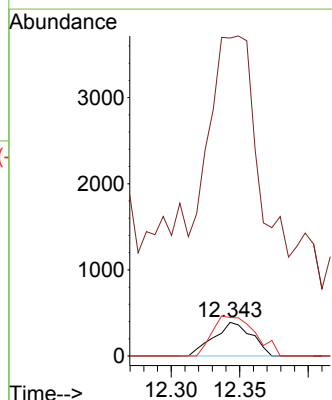
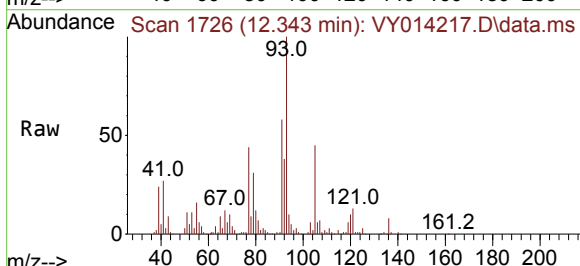
Tgt Ion: 75 Resp: 755

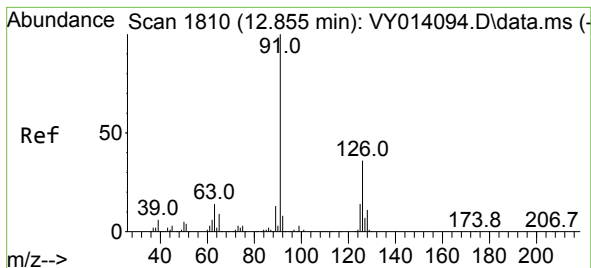
Ion Ratio Lower Upper

75 100

53 1037.1 77.8 116.8#

89 133.0 37.4 56.0#





#82

4-Chlorotoluene

Concen: 1.212 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.232 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

Instrument :

MSVOA_Y

ClientSampleId :

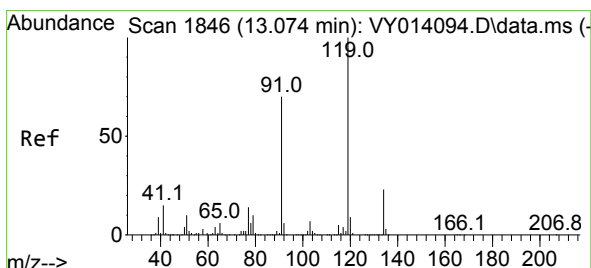
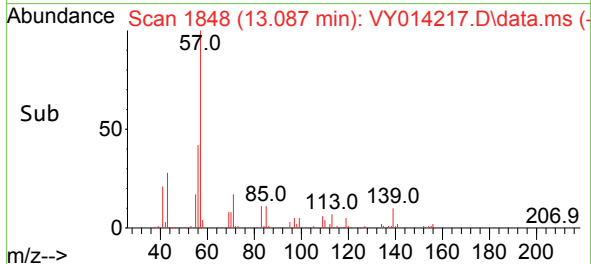
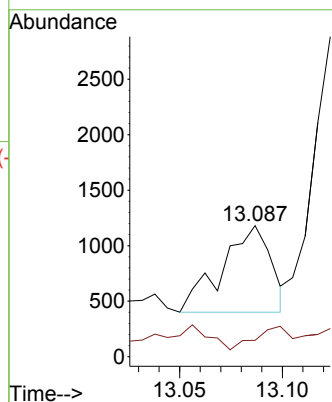
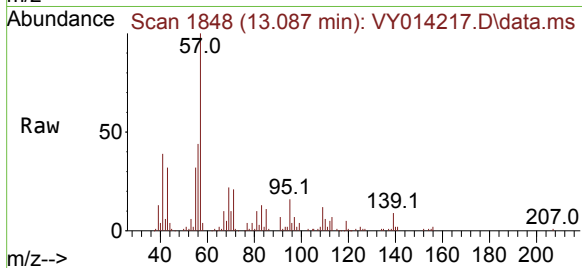
TOTAL-VOC-SB-15-GRAB-7RE

Tgt Ion: 91 Resp: 1297

Ion Ratio Lower Upper

91 100

126 22.4 17.2 51.6



#83

tert-Butylbenzene

Concen: 1.688 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.013 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

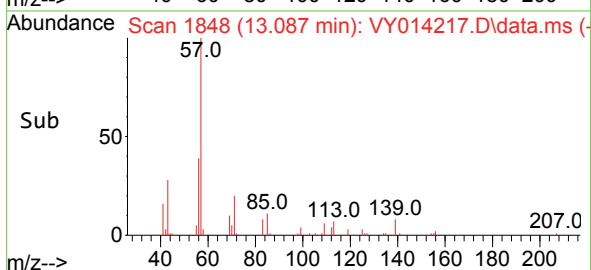
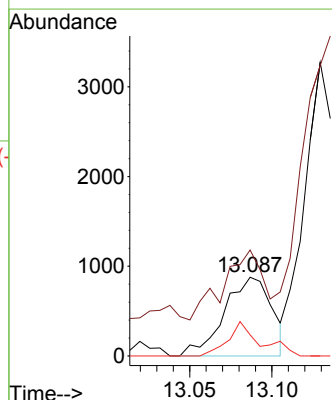
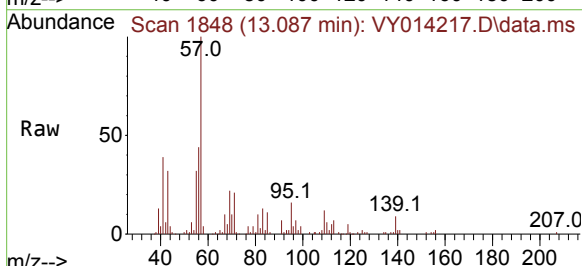
Tgt Ion: 119 Resp: 1766

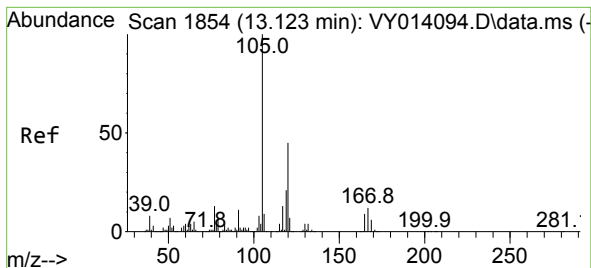
Ion Ratio Lower Upper

119 100

91 73.4 32.9 98.6

134 29.3 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 33.461 ug/l

RT: 13.129 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

Instrument :

MSVOA_Y

ClientSampleId :

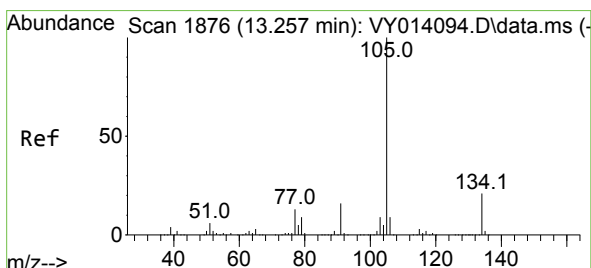
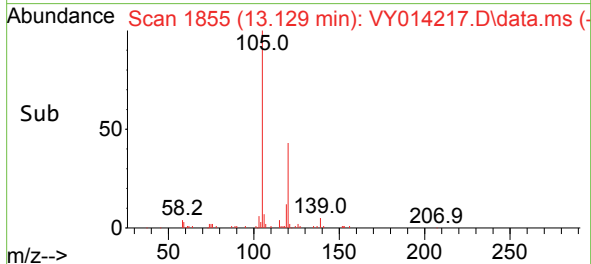
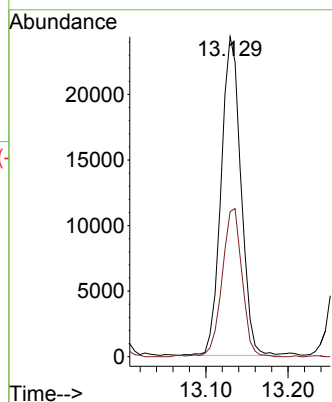
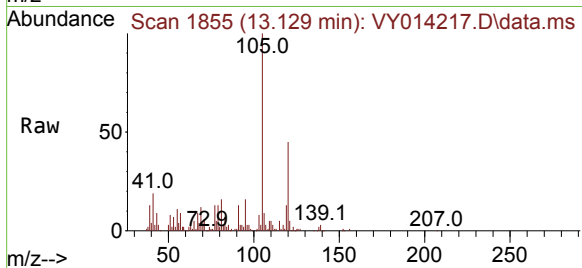
TOTAL-VOC-SB-15-GRAB-7RE

Tgt Ion:105 Resp: 40768

Ion Ratio Lower Upper

105 100

120 46.8 22.2 66.6



#85

sec-Butylbenzene

Concen: 8.204 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.007 min

Lab File: VY014217.D

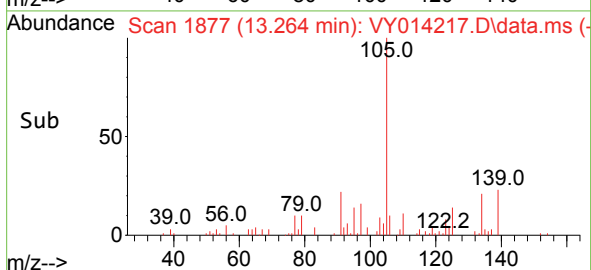
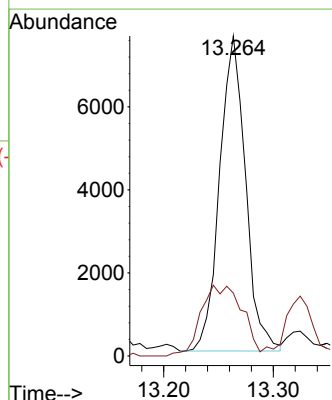
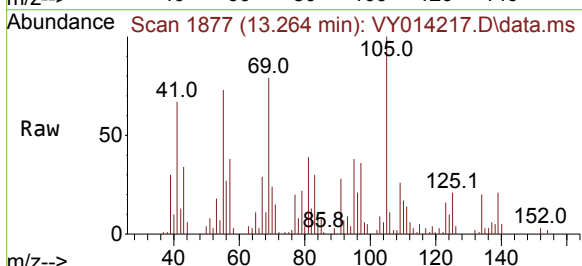
Acq: 16 Jun 2023 20:42

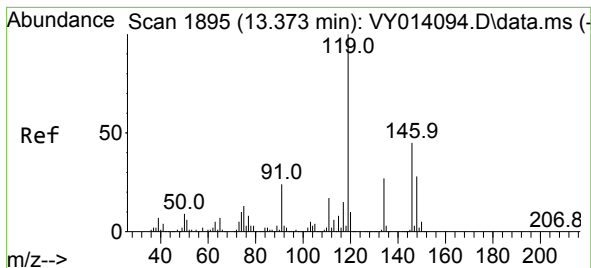
Tgt Ion:105 Resp: 12476

Ion Ratio Lower Upper

105 100

134 36.8 10.2 30.6#





#86

p-Isopropyltoluene

Concen: 11.026 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-15-GRAB-7RE

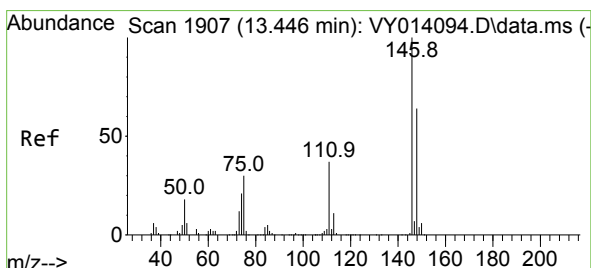
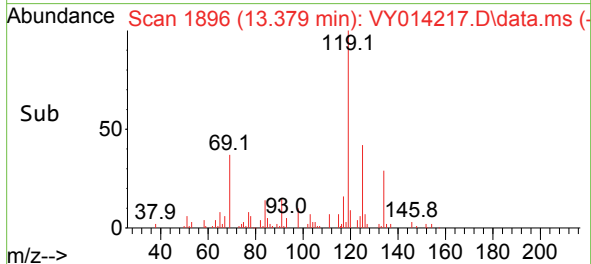
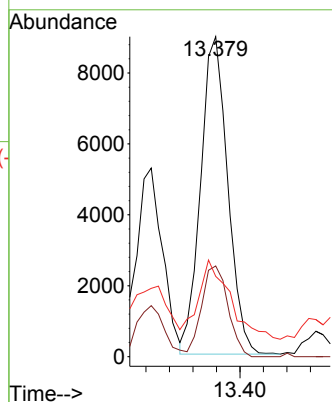
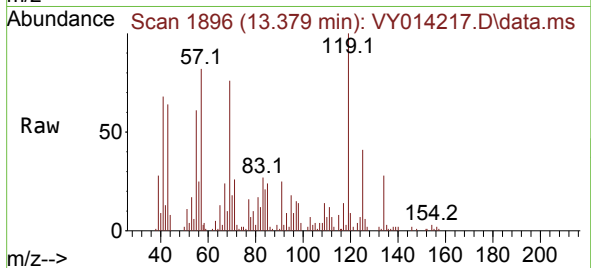
Tgt Ion:119 Resp: 14350

Ion Ratio Lower Upper

119 100

134 27.7 13.3 39.8

91 29.2 12.4 37.4



#88

1,4-Dichlorobenzene

Concen: 1.332 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.013 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

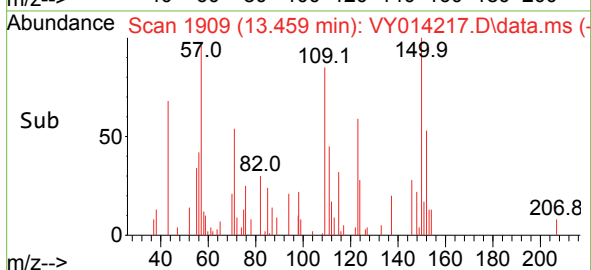
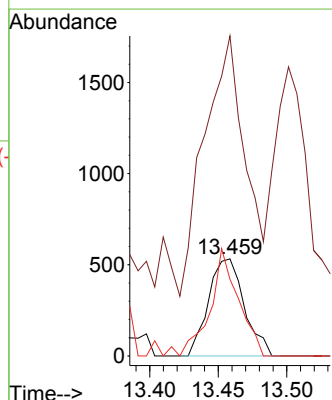
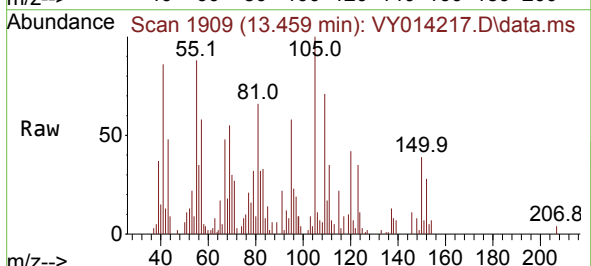
Tgt Ion:146 Resp: 968

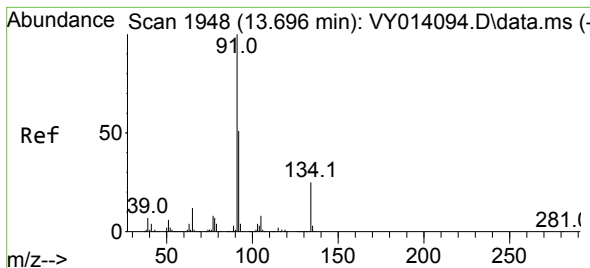
Ion Ratio Lower Upper

146 100

111 319.0 18.9 56.7#

148 86.7 32.1 96.5





#89

n-Butylbenzene

Concen: 7.717 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY014217.D

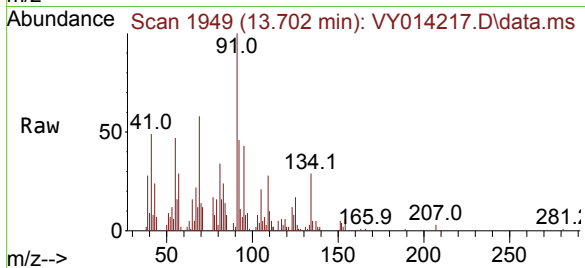
Acq: 16 Jun 2023 20:42

Instrument :

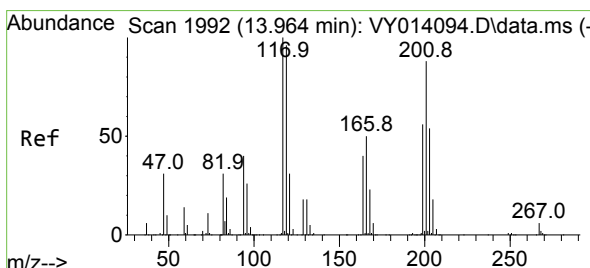
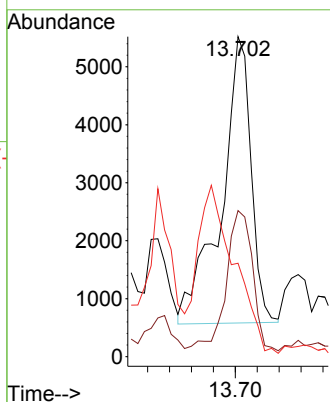
MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-15-GRAB-7RE



Tgt Ion: 91	Resp:	9315
Ion Ratio	Lower	Upper
91	100	
92	43.1	25.4 76.0
134	0.0	12.6 37.6#



#90

Hexachloroethane

Concen: 3.201 ug/l

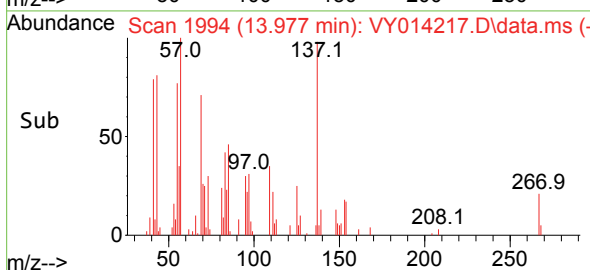
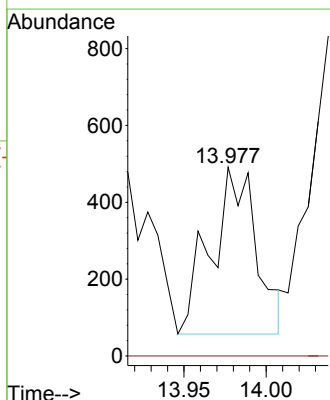
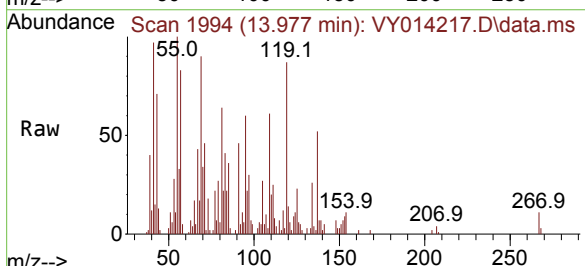
RT: 13.977 min Scan# 1994

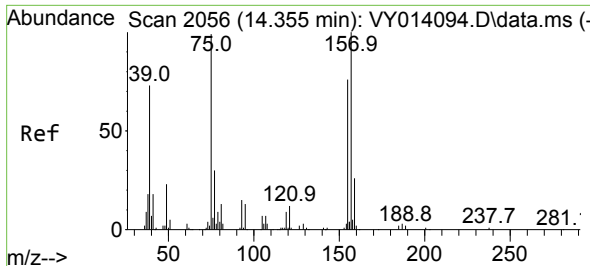
Delta R.T. 0.013 min

Lab File: VY014217.D

Acq: 16 Jun 2023 20:42

Tgt Ion: 117	Resp:	830
Ion Ratio	Lower	Upper
117	100	
201	0.0	41.6 124.8#

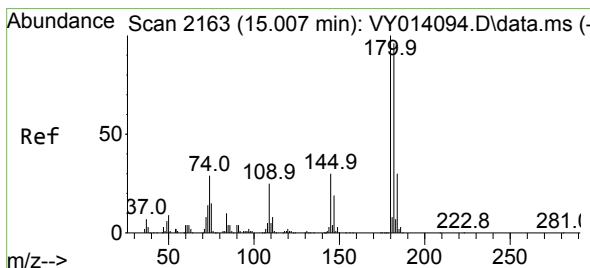
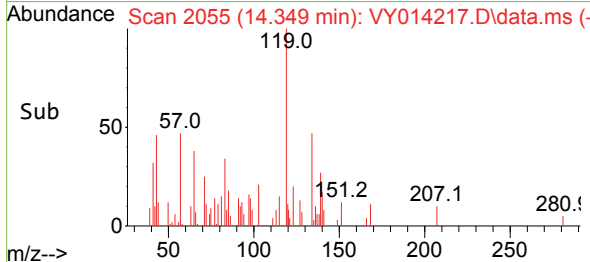
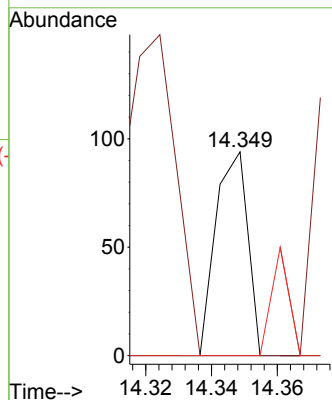
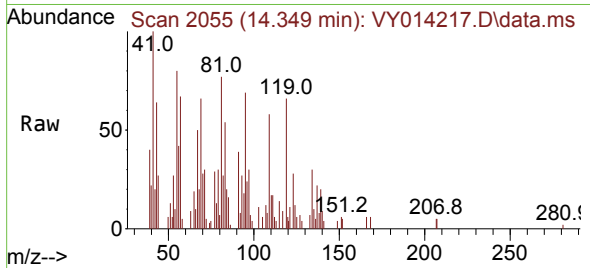




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.030 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY014217.D
 Acq: 16 Jun 2023 20:42

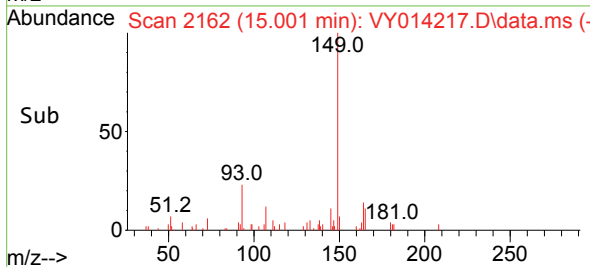
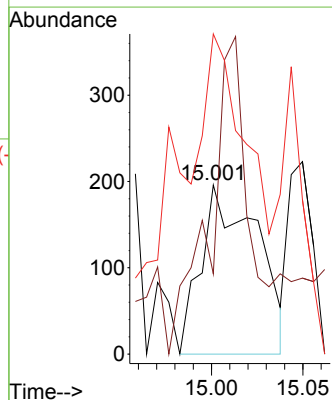
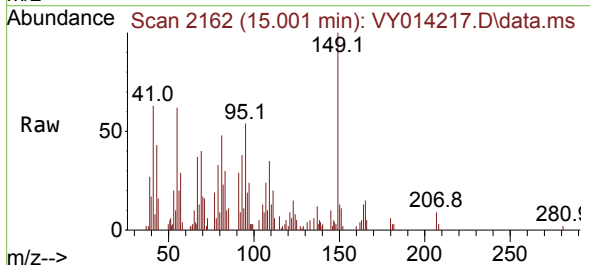
Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-15-GRAB-7RE

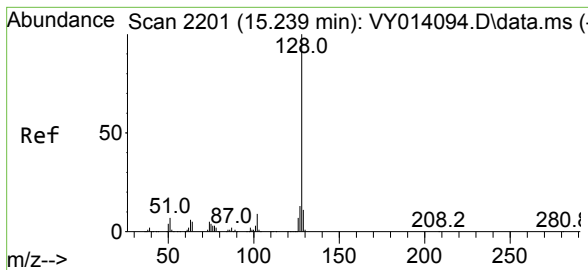
Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.5 124.6#
 157 28.6 51.8 155.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.018 ug/l
 RT: 15.001 min Scan# 2162
 Delta R.T. -0.006 min
 Lab File: VY014217.D
 Acq: 16 Jun 2023 20:42

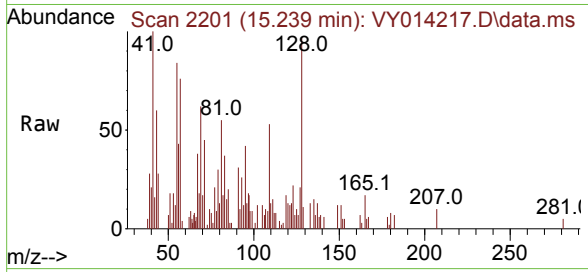
Tgt Ion: 180 Resp: 418
 Ion Ratio Lower Upper
 180 100
 182 128.0 47.0 141.2
 145 238.3 14.5 43.5#





#95
Naphthalene
Concen: 5.441 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014217.D
Acq: 16 Jun 2023 20:42

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-15-GRAB-7RE



Tgt Ion:128 Resp: 4533
Ion Ratio Lower Upper
128 100
127 25.3 10.8 16.2#
129 14.6 8.6 13.0#

