

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014223.D
 Acq On : 16 Jun 2023 23:02
 Operator : KP/MD
 Sample : 03224-05RE
 Misc : 7.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-01/02-GRAB-5B2RE

Quant Time: Jun 17 01:52:04 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	7.801	168	16282	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	19158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	9585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	12997	57.324	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.640%	
35) Dibromofluoromethane	7.728	113	7971	58.669	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.340%	
50) Toluene-d8	10.185	98	20573	40.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.000%	
62) 4-Bromofluorobenzene	12.483	95	2713	15.036	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 30.080%	

Target Compounds						Qvalue
3) Chloromethane	2.125	50	852	3.703	ug/l #	53
5) Bromomethane	2.674	94	487	2.639	ug/l #	76
10) Methyl Iodide	4.106	142	496	2.048	ug/l #	61
11) Tert butyl alcohol	4.972	59	349	Below Cal	#	89
16) Acetone	3.960	43	32262	472.058	ug/l	99
17) Carbon Disulfide	4.210	76	13227	21.957	ug/l	98
18) Methyl Acetate	4.484	43	666	2.511	ug/l #	85
20) Methylene Chloride	4.728	84	6125	26.378	ug/l #	85
24) 1,1-Dichloroethane	6.021	63	1060	2.849	ug/l #	84
25) 2-Butanone	7.008	43	3872	46.025	ug/l	92
29) Tetrahydrofuran	7.368	42	2288	42.890	ug/l #	92
31) Cyclohexane	7.801	56	1132	3.727	ug/l #	74
36) 1,1-Dichloropropene	7.789	75	1241	5.859	ug/l #	49
37) Ethyl Acetate	7.008	43	3872	26.494	ug/l #	81
38) Carbon Tetrachloride	7.801	117	1451	5.936	ug/l #	12
39) Methylcyclohexane	9.185	83	1319	5.613	ug/l	87
40) Benzene	8.167	78	2082	3.306	ug/l #	89
41) Methacrylonitrile	7.368	41	1658	22.229	ug/l #	33
51) 4-Methyl-2-Pentanone	10.069	43	305	2.192	ug/l #	86
52) Toluene	10.252	92	1609	4.121	ug/l	98
60) Dibromochloromethane	10.721	129	231	1.382	ug/l #	11
67) Ethyl Benzene	11.593	91	2076	5.150	ug/l #	88
68) m/p-Xylenes	11.709	106	869	5.604	ug/l	80
69) o-Xylene	12.026	106	774	5.280	ug/l	74
70) Styrene	12.050	104	1929	7.709	ug/l	95
73) Isopropylbenzene	12.337	105	2055	10.836	ug/l	96
74) N-amyl acetate	12.129	43	319	5.308	ug/l #	46
76) 1,2,3-Trichloropropane	12.489	75	1579	48.412	ug/l #	100
78) n-propylbenzene	12.678	91	550	2.374	ug/l #	62
79) 2-Chlorotoluene	12.739	91	304	2.281	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.824	105	1293	7.963	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.489	75	1579	104.648	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.129	105	1548	9.630	ug/l	96
85) sec-Butylbenzene	13.257	105	433	2.158	ug/l #	68
86) p-Isopropyltoluene	13.379	119	1086	6.325	ug/l #	87
88) 1,4-Dichlorobenzene	13.458	146	105	1.095	ug/l #	7

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QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

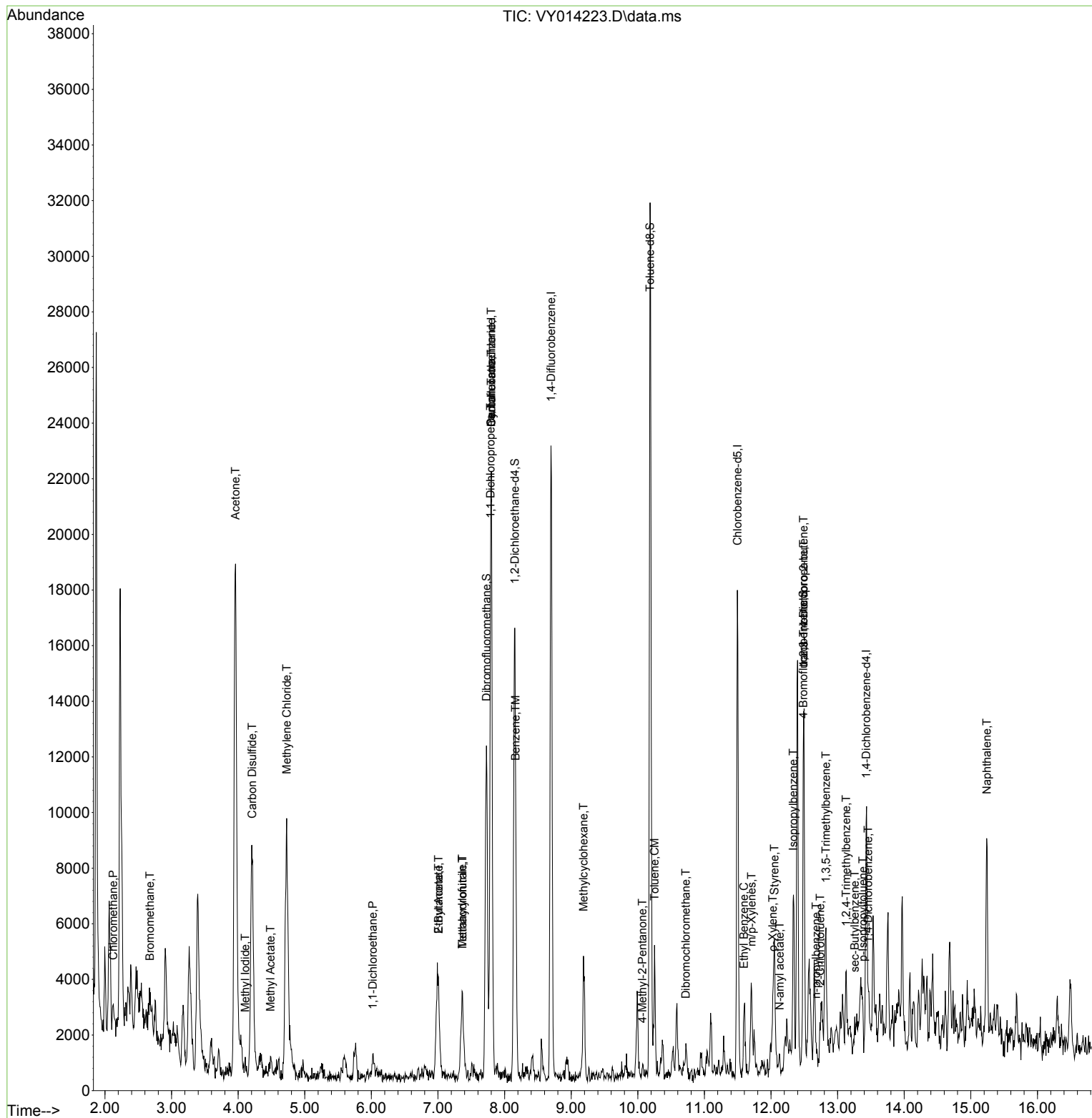
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.239	128	6376	58.013	ug/l #	96

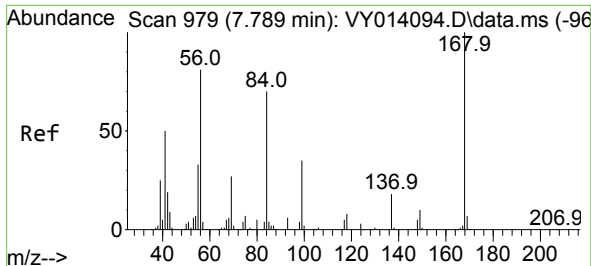
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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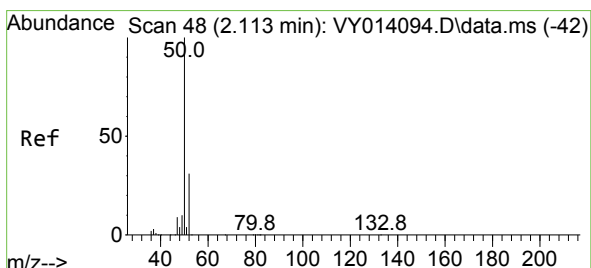
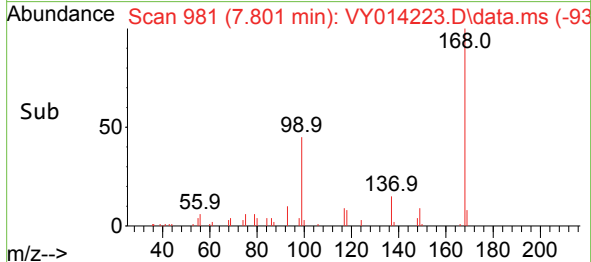
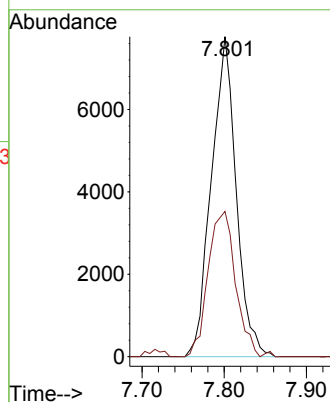
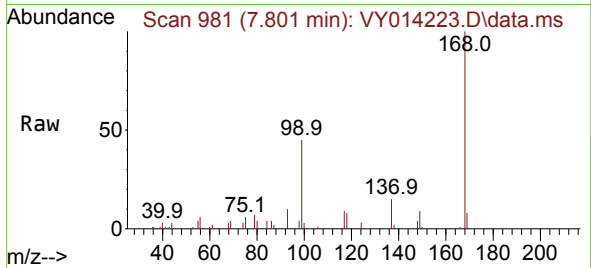




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

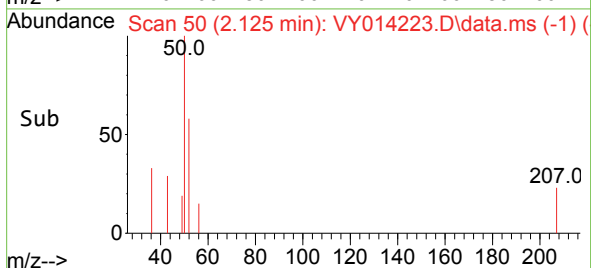
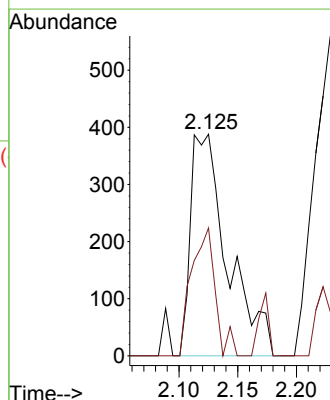
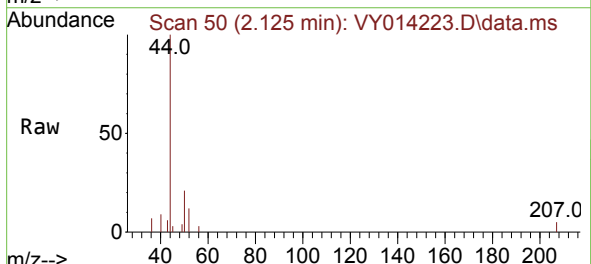
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2RE

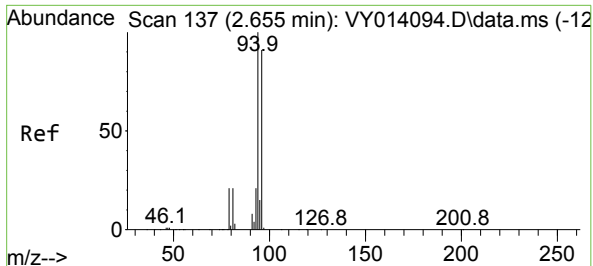
Tgt Ion:168 Resp: 16282
Ion Ratio Lower Upper
168 100
99 45.4 43.4 65.0



#3
Chloromethane
Concen: 3.703 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion: 50 Resp: 852
Ion Ratio Lower Upper
50 100
52 57.7 25.4 38.2#

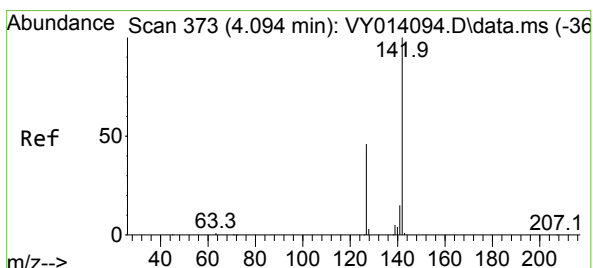
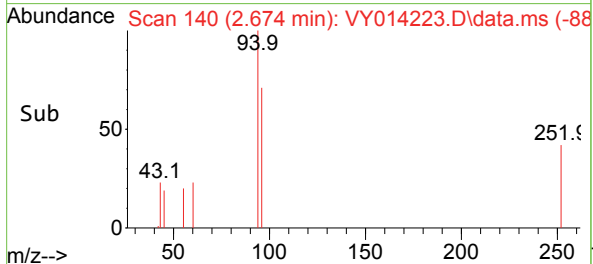
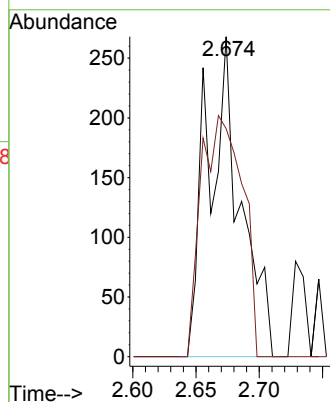
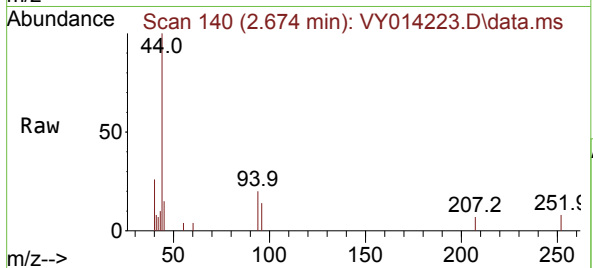




#5
Bromomethane
Concen: 2.639 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.019 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

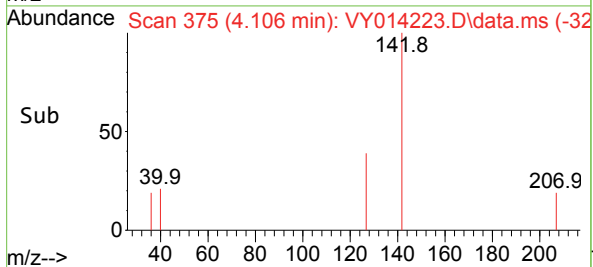
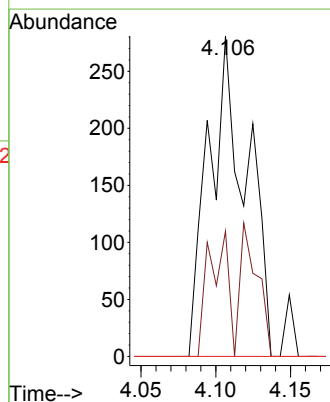
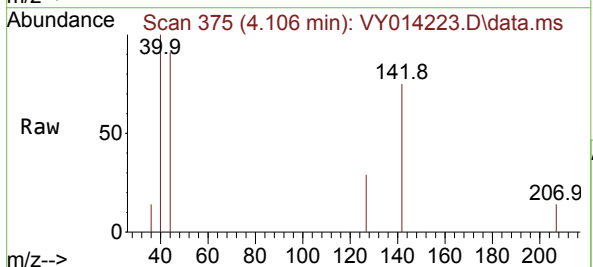
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2RE

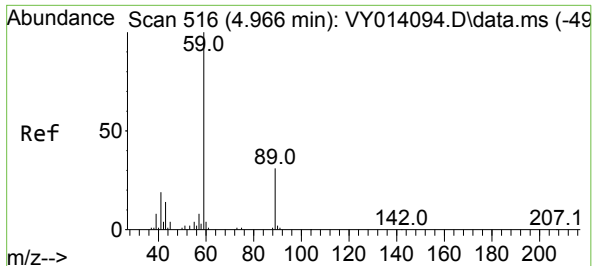
Tgt Ion: 94 Resp: 487
Ion Ratio Lower Upper
94 100
96 71.3 75.8 113.6#



#10
Methyl Iodide
Concen: 2.048 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion:142 Resp: 496
Ion Ratio Lower Upper
142 100
127 20.0 37.6 56.4#
141 0.0 11.8 17.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.972 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY014223.D

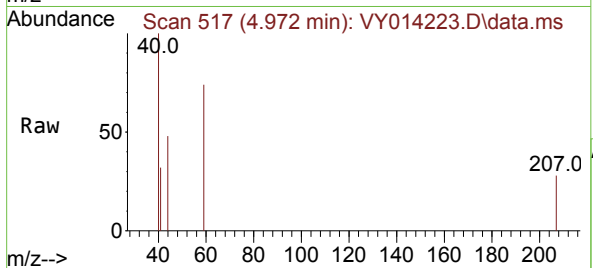
Acq: 16 Jun 2023 23:02

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-01/02-GRAB-5B2RE

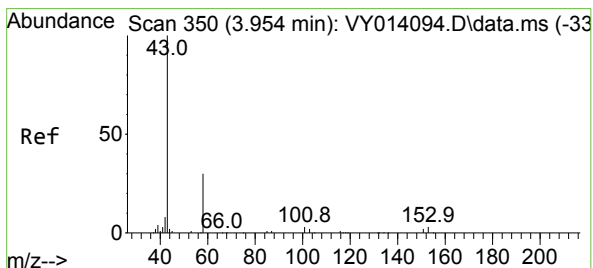
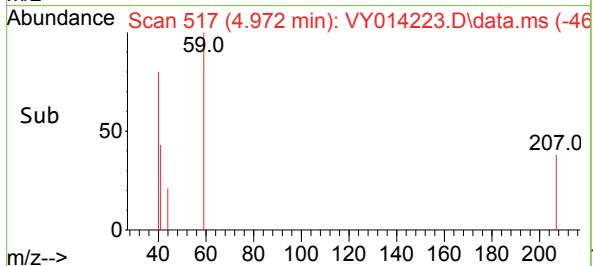
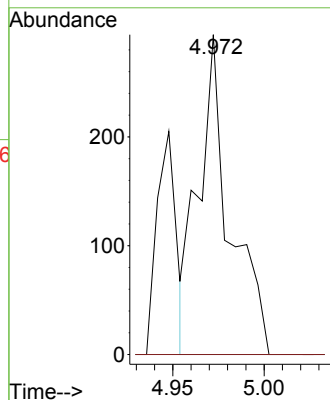


Tgt Ion: 59 Resp: 349

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 472.058 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY014223.D

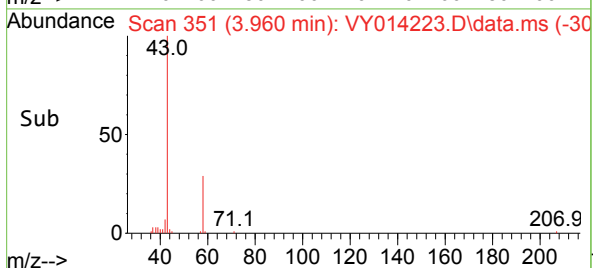
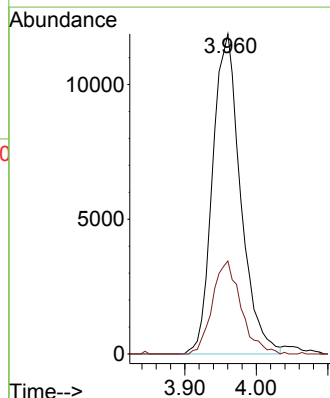
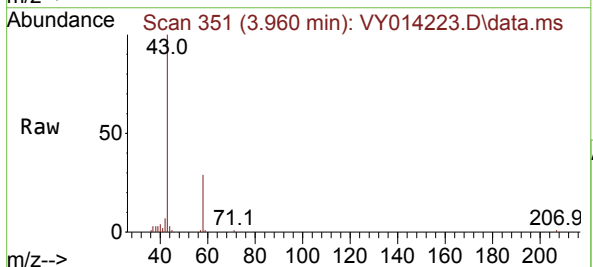
Acq: 16 Jun 2023 23:02

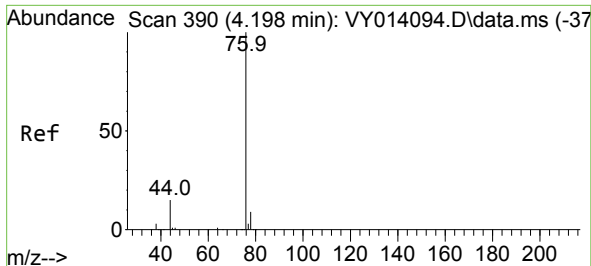
Tgt Ion: 43 Resp: 32262

Ion Ratio Lower Upper

43 100

58 29.1 22.7 34.1

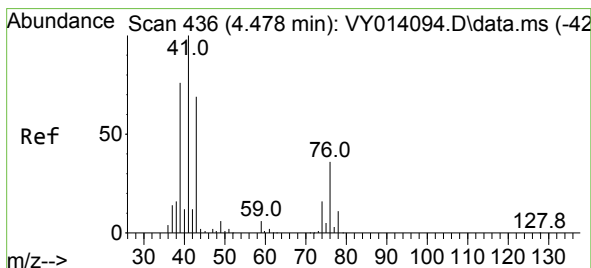
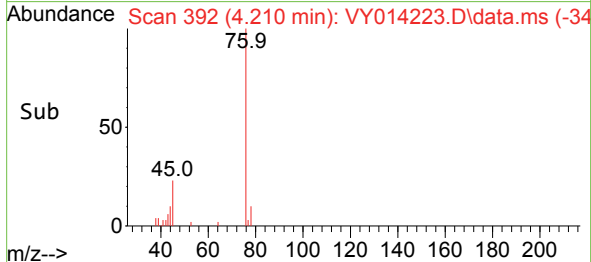
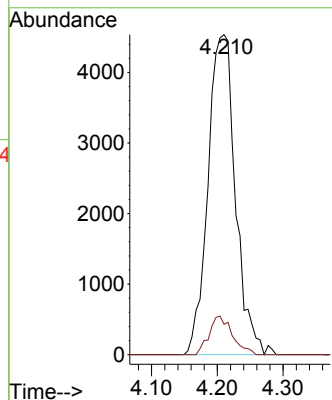
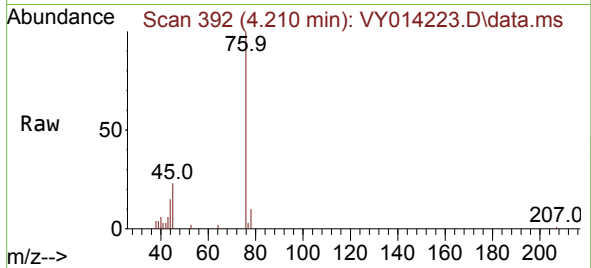




#17
Carbon Disulfide
Concen: 21.957 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

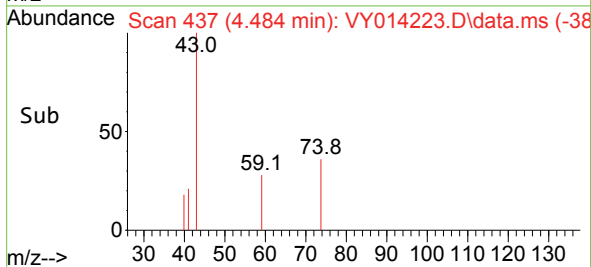
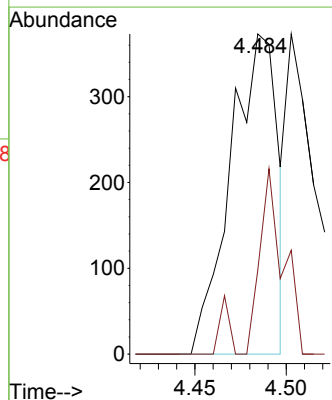
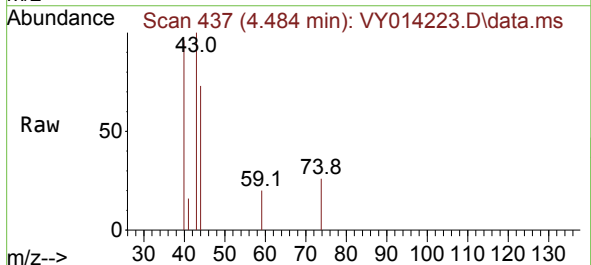
Instrument :
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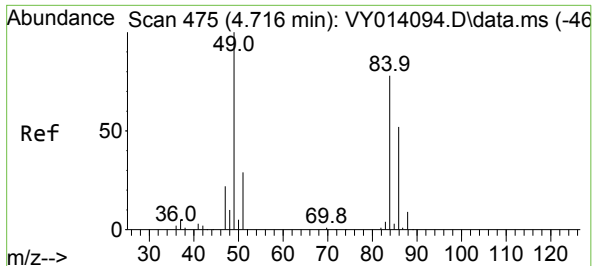
Tgt Ion: 76 Resp: 13227
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 2.511 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
74 28.7 17.4 26.0#





#20

Methylene Chloride

Concen: 26.378 ug/l

RT: 4.728 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY014223.D

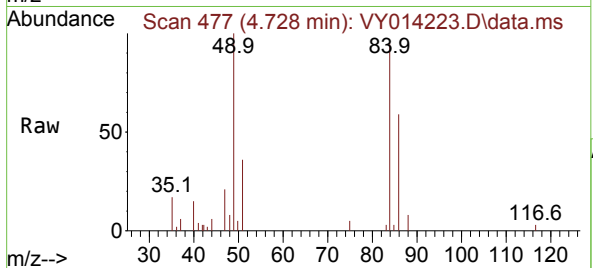
Acq: 16 Jun 2023 23:02

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-01/02-GRAB-5B2RE



Tgt Ion: 84 Resp: 6125

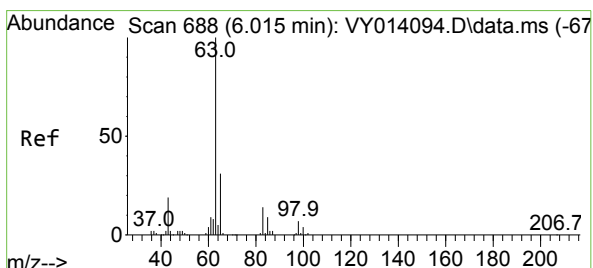
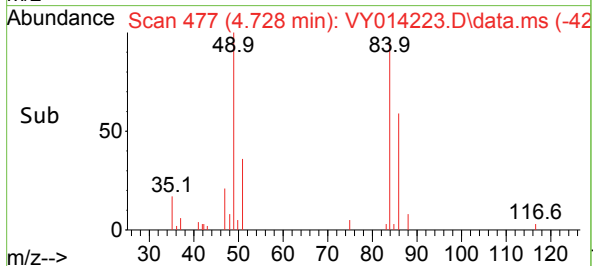
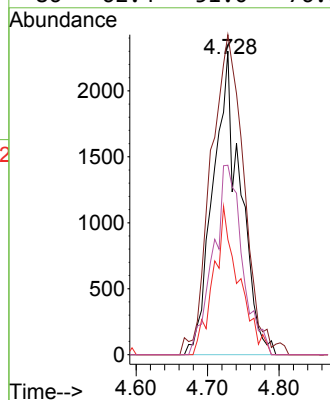
Ion Ratio Lower Upper

84 100

49 105.4 106.9 160.3#

51 37.9 33.2 49.8

86 62.4 51.0 76.6



#24

1,1-Dichloroethane

Concen: 2.849 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY014223.D

Acq: 16 Jun 2023 23:02

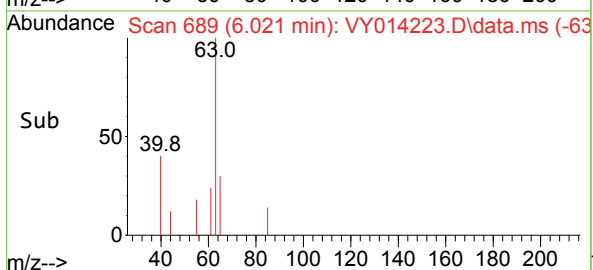
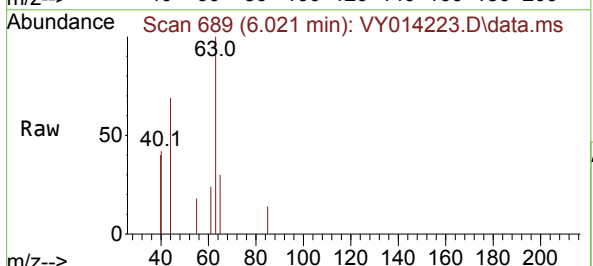
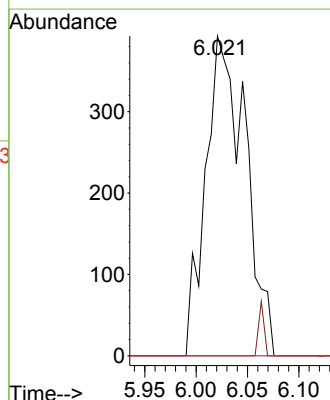
Tgt Ion: 63 Resp: 1060

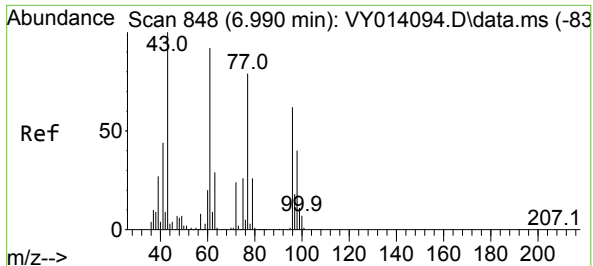
Ion Ratio Lower Upper

63 100

98 0.0 3.1 9.4#

100 0.0 1.8 5.5#





#25

2-Butanone

Concen: 46.025 ug/l

RT: 7.008 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY014223.D

Acq: 16 Jun 2023 23:02

Instrument :

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ClientSampleId :

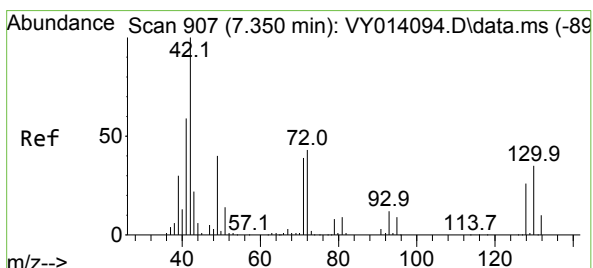
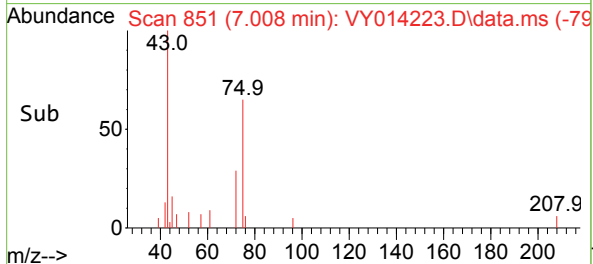
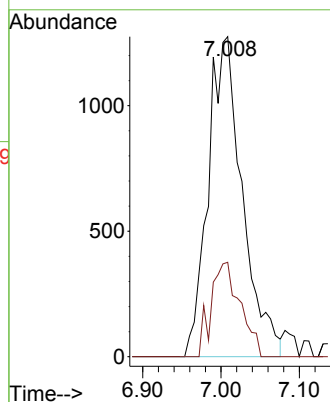
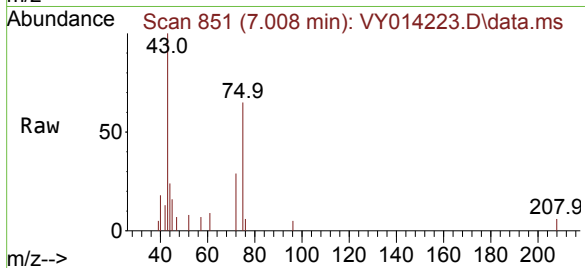
TOTAL-VOC-SB-01/02-GRAB-5B2RE

Tgt Ion: 43 Resp: 3872

Ion Ratio Lower Upper

43 100

72 29.5 20.5 30.7



#29

Tetrahydrofuran

Concen: 42.890 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY014223.D

Acq: 16 Jun 2023 23:02

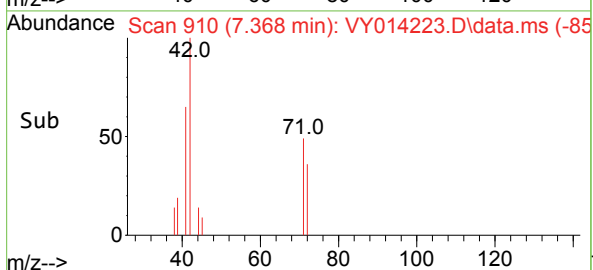
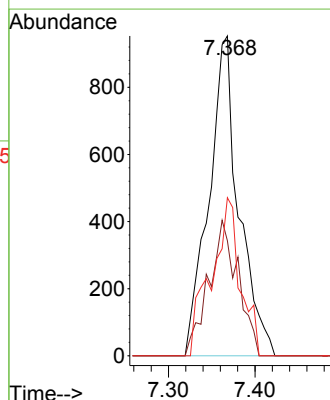
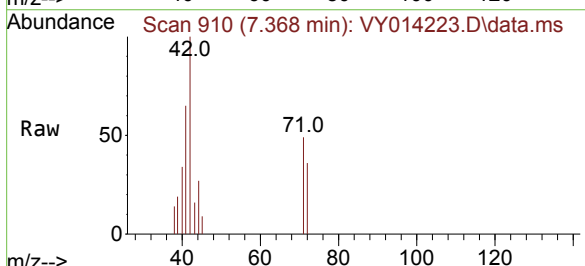
Tgt Ion: 42 Resp: 2288

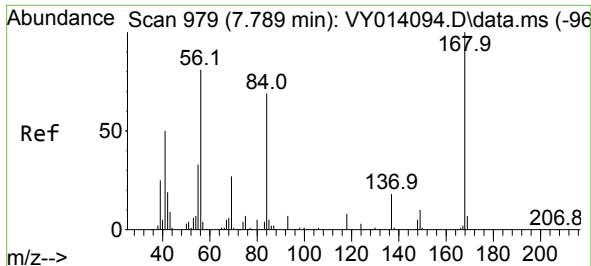
Ion Ratio Lower Upper

42 100

72 41.6 32.8 49.2

71 47.7 31.0 46.4#

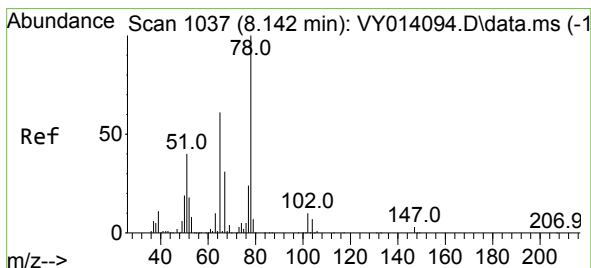
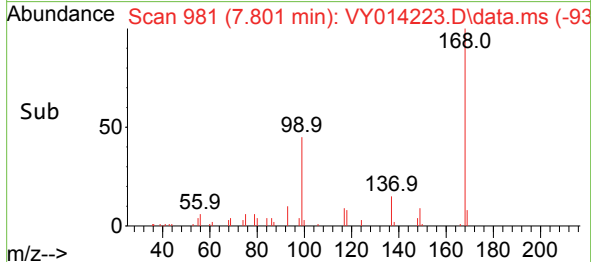
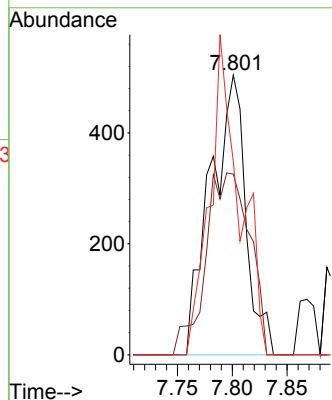
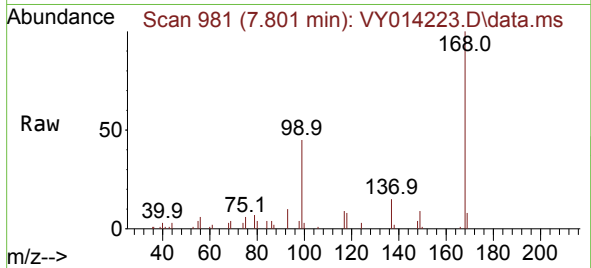




#31
Cyclohexane
Concen: 3.727 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

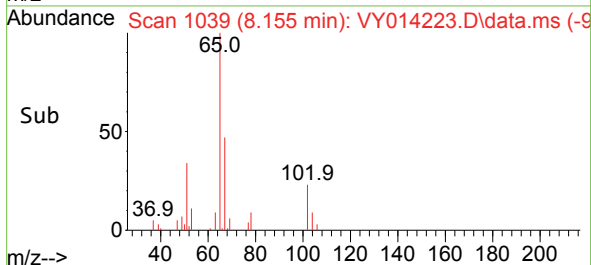
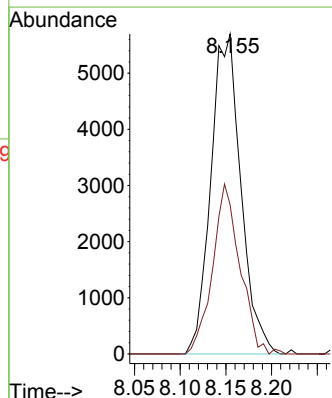
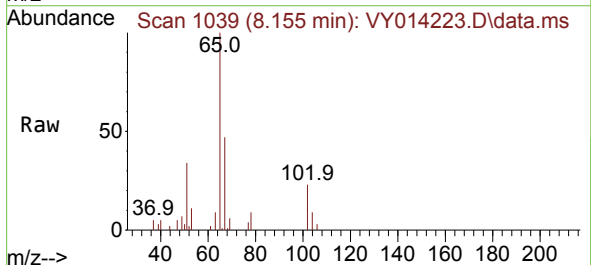
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2RE

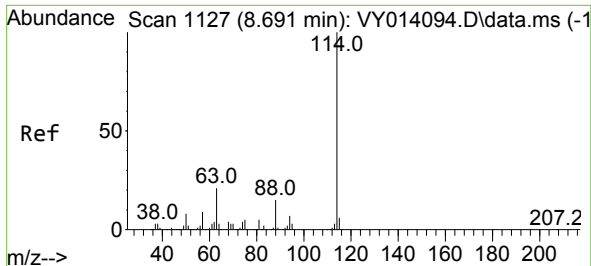
Tgt Ion: 56 Resp: 1132
Ion Ratio Lower Upper
56 100
69 64.7 27.8 41.6#
84 69.2 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 57.324 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion: 65 Resp: 12997
Ion Ratio Lower Upper
65 100
67 48.6 0.0 101.8

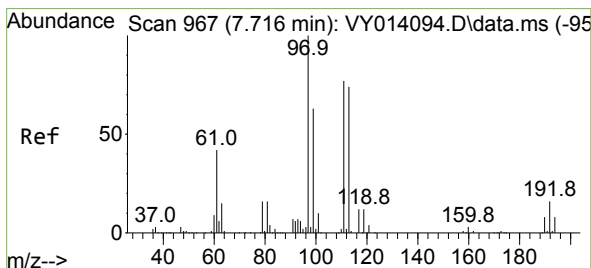
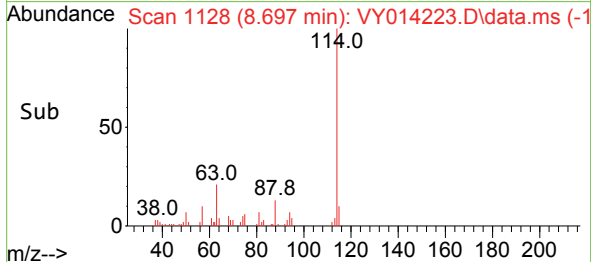
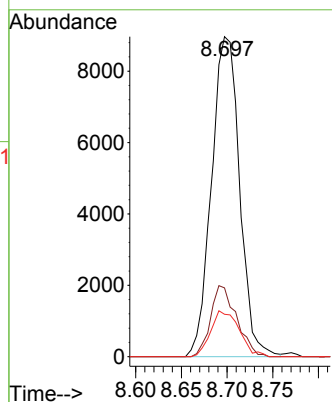
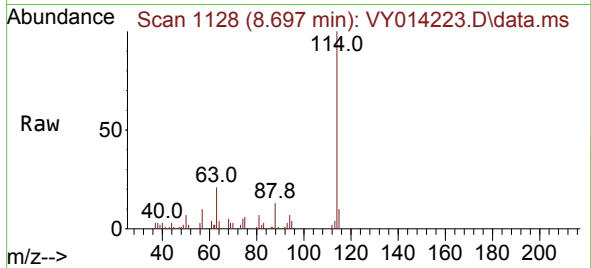




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

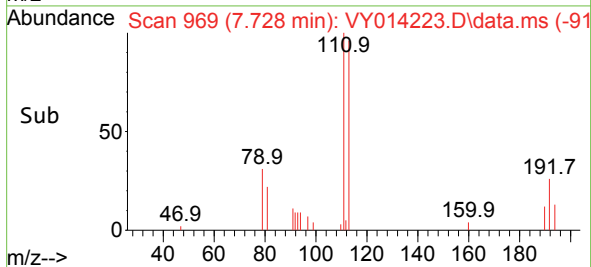
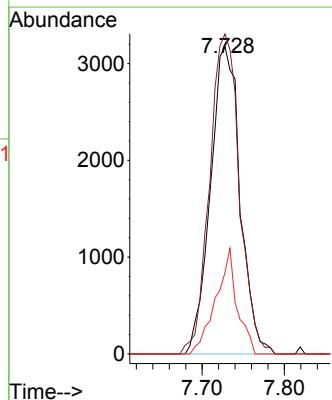
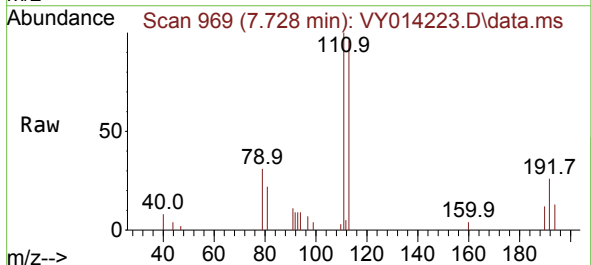
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-01/02-GRAB-5B2RE

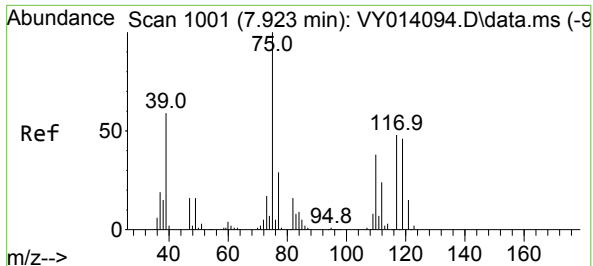
Tgt Ion:114	Resp:	19158
Ion Ratio	Lower	Upper
114	100	
63	21.5	0.0 42.4
88	13.2	0.0 30.6



#35
Dibromofluoromethane
Concen: 58.669 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion:113	Resp:	7971
Ion Ratio	Lower	Upper
113	100	
111	104.6	81.3 121.9
192	24.6	16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.859 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY014223.D

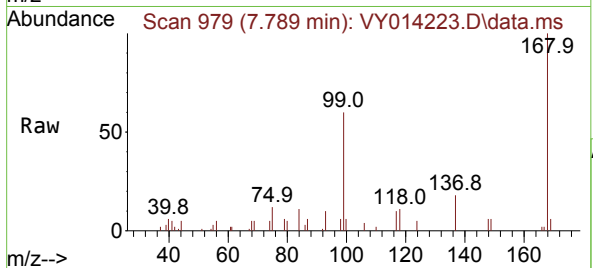
Acq: 16 Jun 2023 23:02

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-01/02-GRAB-5B2RE



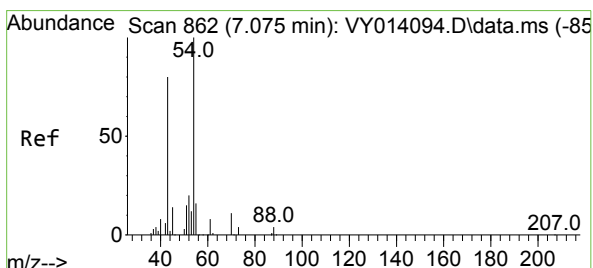
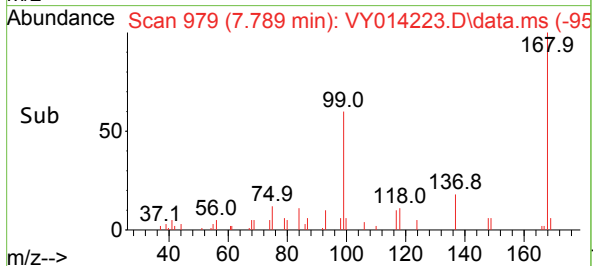
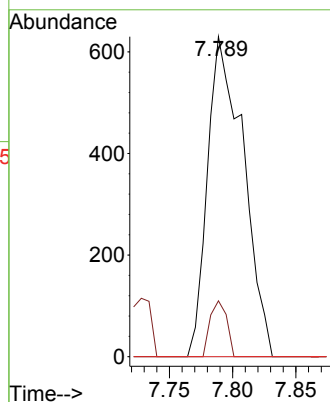
Tgt Ion: 75 Resp: 1241

Ion Ratio Lower Upper

75 100

110 8.1 17.8 53.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 26.494 ug/l

RT: 7.008 min Scan# 851

Delta R.T. -0.067 min

Lab File: VY014223.D

Acq: 16 Jun 2023 23:02

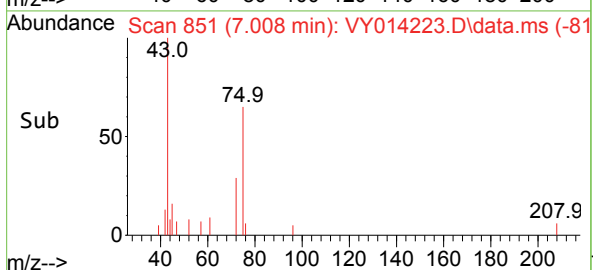
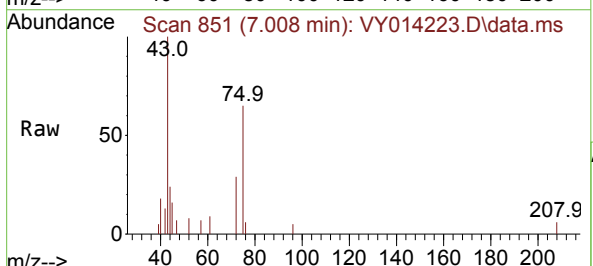
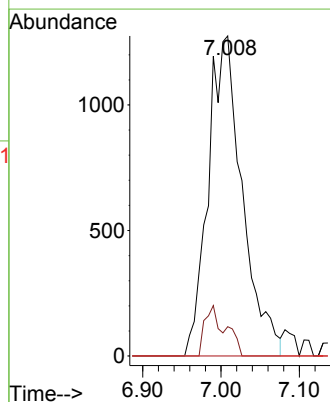
Tgt Ion: 43 Resp: 3872

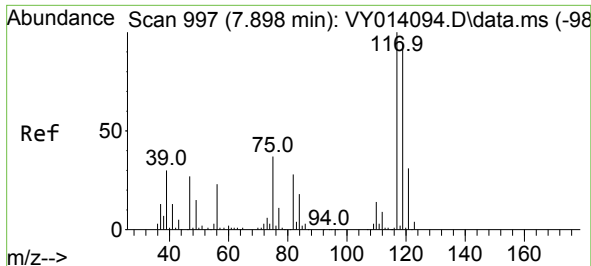
Ion Ratio Lower Upper

43 100

61 6.6 10.1 15.1#

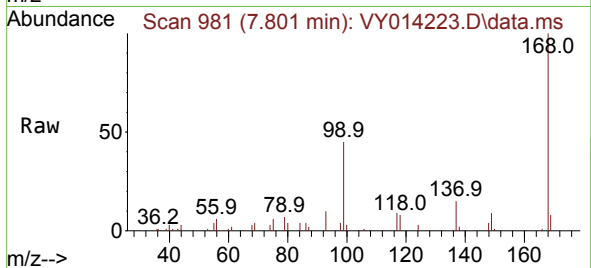
70 0.0 7.1 10.7#



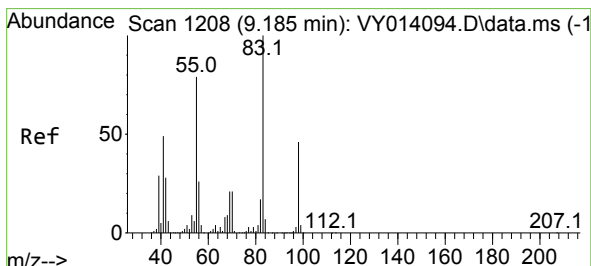
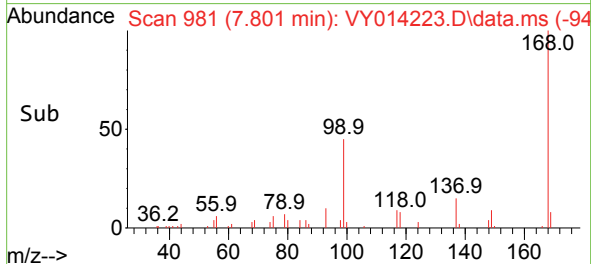
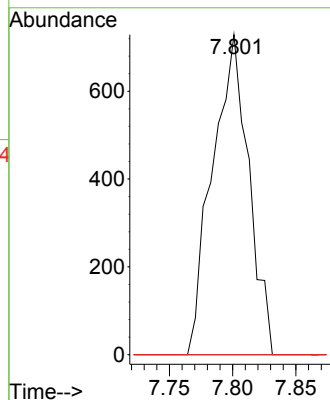


#38
Carbon Tetrachloride
Concen: 5.936 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2RE

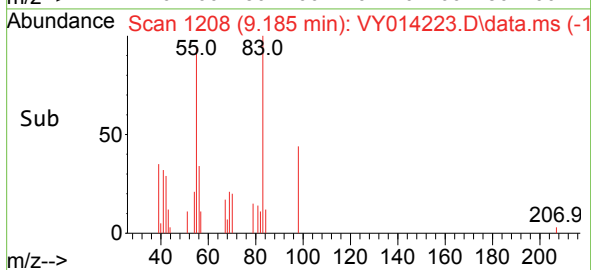
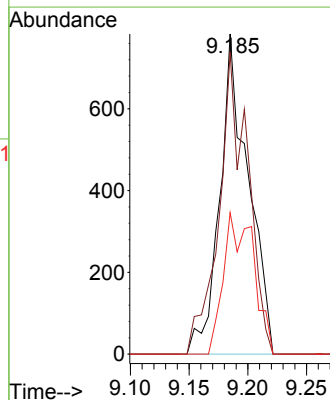
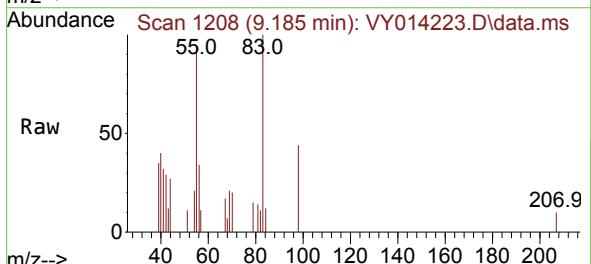


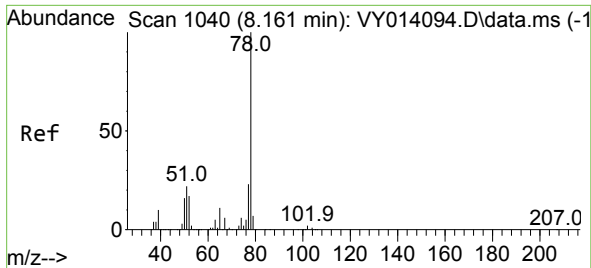
Tgt Ion:117 Resp: 1451
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 5.613 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion: 83 Resp: 1319
Ion Ratio Lower Upper
83 100
55 94.3 63.0 94.4
98 44.2 37.4 56.2

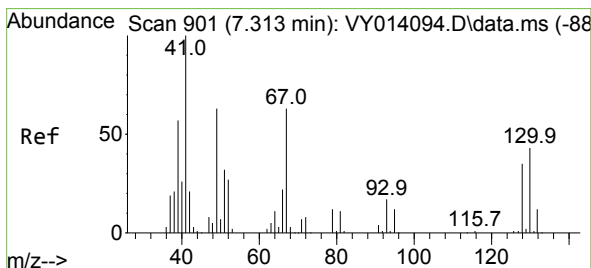
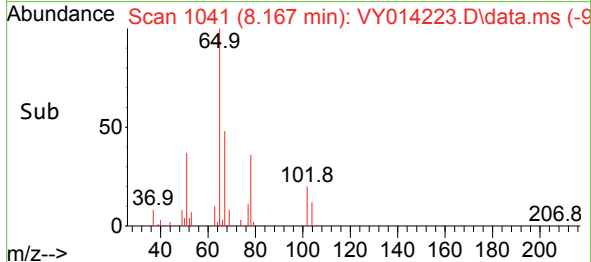
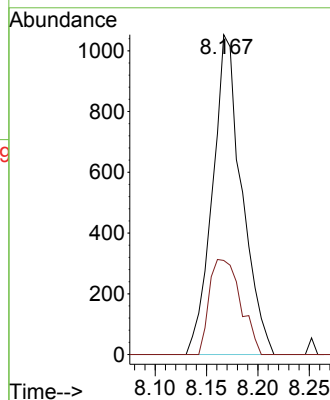
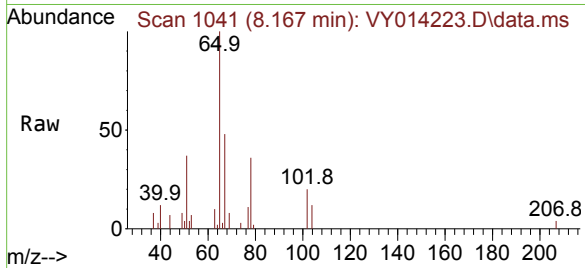




#40
Benzene
Concen: 3.306 ug/l
RT: 8.167 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

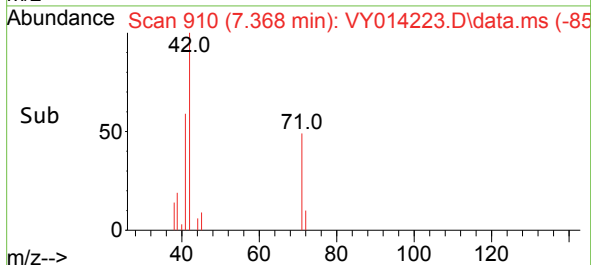
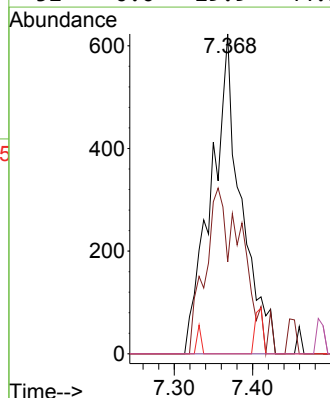
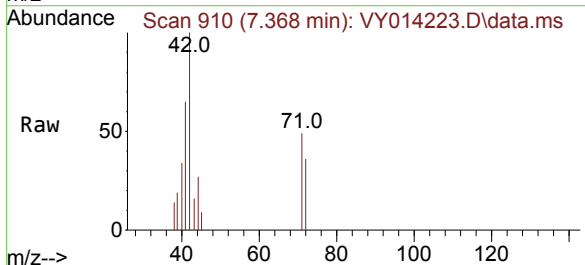
Instrument : MSVOA_Y
ClientSampleId : TOTAL-VOC-SB-01/02-GRAB-5B2RE

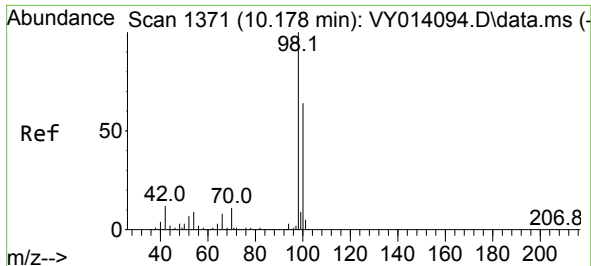
Tgt Ion: 78 Resp: 2082
Ion Ratio Lower Upper
78 100
77 29.4 19.0 28.6#



#41
Methacrylonitrile
Concen: 22.229 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.055 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion: 41 Resp: 1658
Ion Ratio Lower Upper
41 100
39 36.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

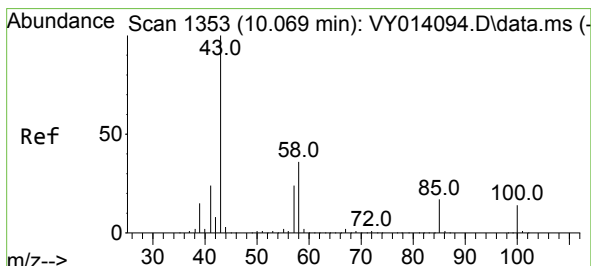
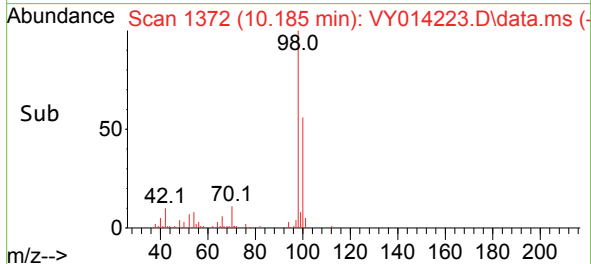
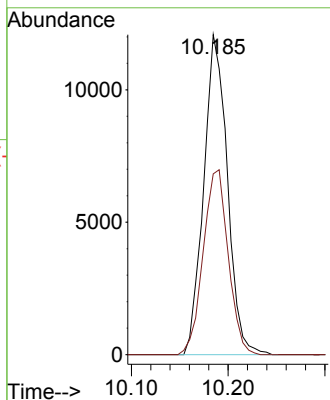
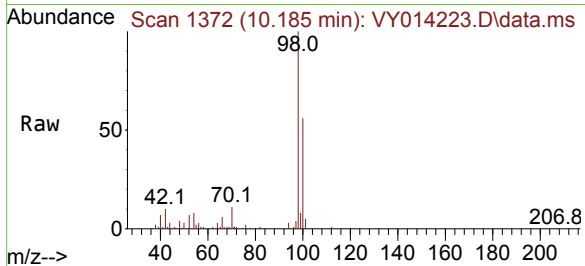




#50
Toluene-d8
Concen: 40.503 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

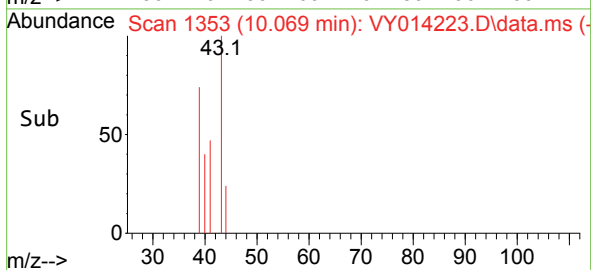
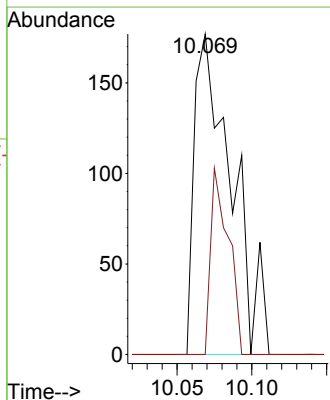
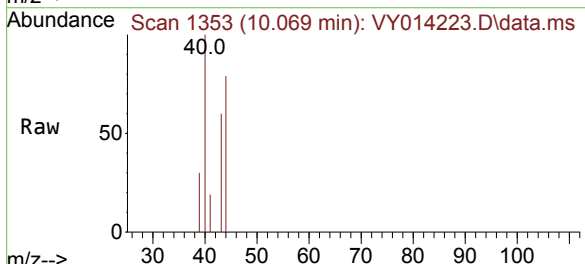
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2RE

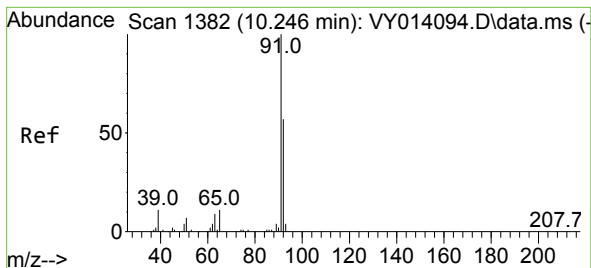
Tgt Ion: 98 Resp: 20573
Ion Ratio Lower Upper
98 100
100 61.1 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 2.192 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
58 27.9 29.0 43.6#





#52

Toluene

Concen: 4.121 ug/l

RT: 10.252 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014223.D

Acq: 16 Jun 2023 23:02

Instrument :

MSVOA_Y

ClientSampleId :

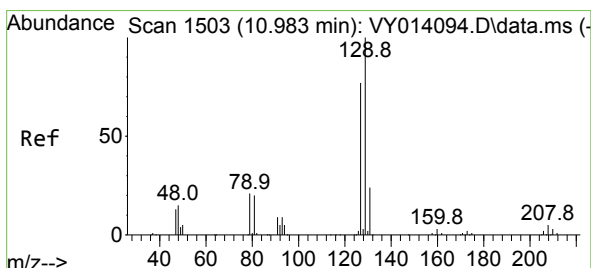
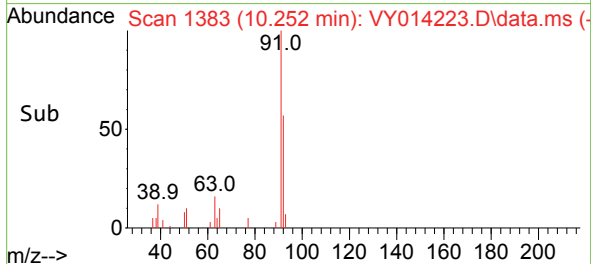
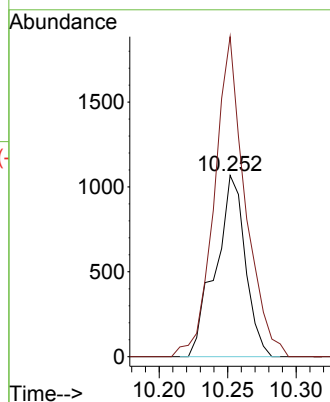
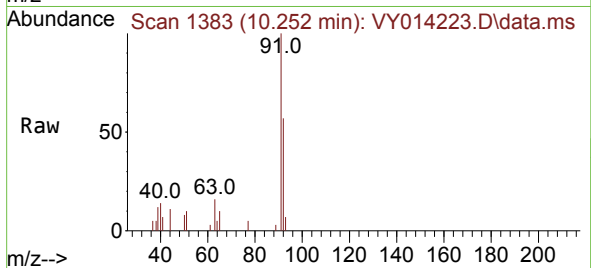
TOTAL-VOC-SB-01/02-GRAB-5B2RE

Tgt Ion: 92 Resp: 1609

Ion Ratio Lower Upper

92 100

91 183.2 143.8 215.6



#60

Dibromochloromethane

Concen: 1.382 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.262 min

Lab File: VY014223.D

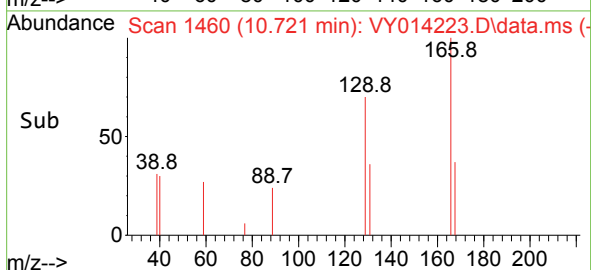
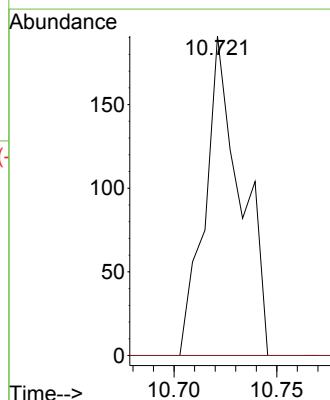
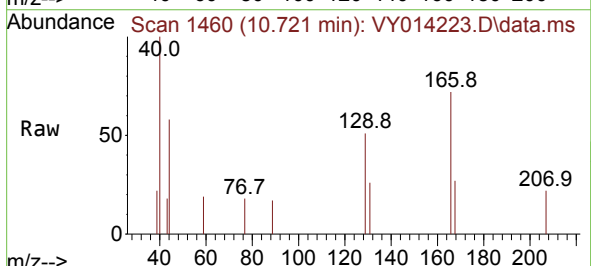
Acq: 16 Jun 2023 23:02

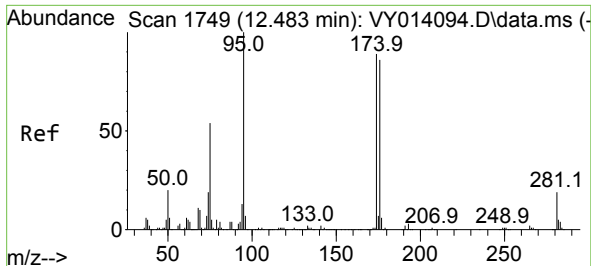
Tgt Ion: 129 Resp: 231

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

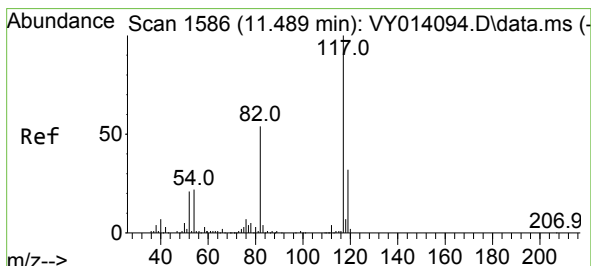
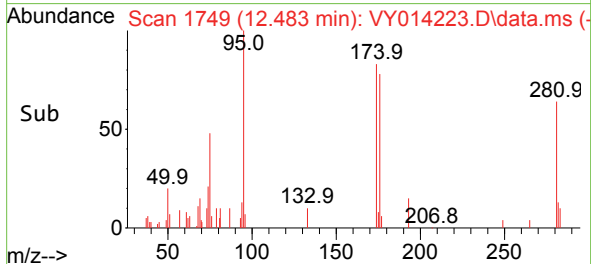
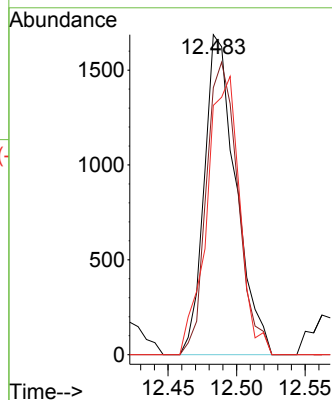
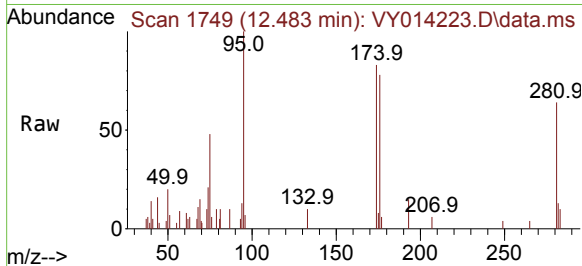




#62
4-Bromofluorobenzene
Concen: 15.036 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

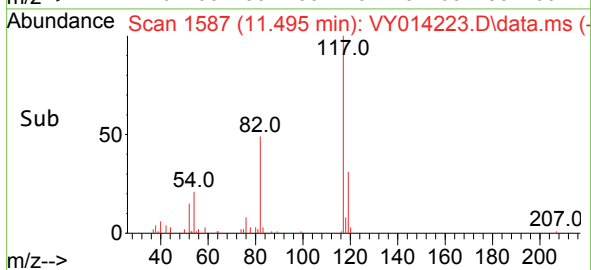
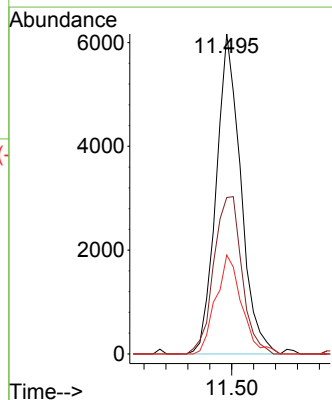
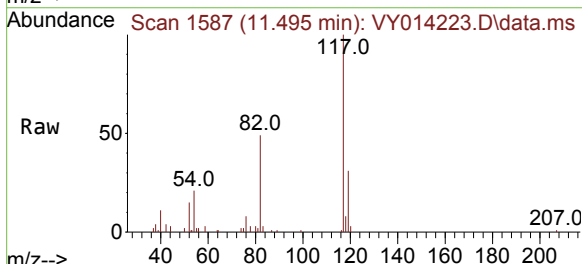
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2RE

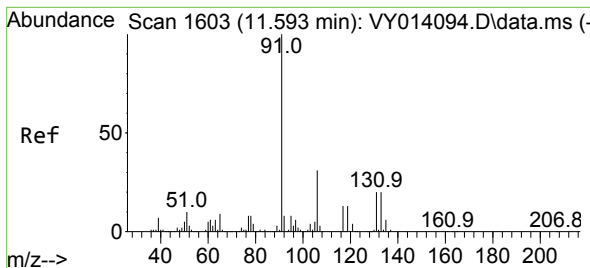
Tgt Ion:	95	Resp:	2713
Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	178.2
176	90.3	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion:	117	Resp:	9585
Ion	Ratio	Lower	Upper
117	100		
82	48.9	43.4	65.0
119	30.9	26.3	39.5





#67

Ethyl Benzene

Concen: 5.150 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY014223.D

Acq: 16 Jun 2023 23:02

Instrument :

MSVOA_Y

ClientSampleId :

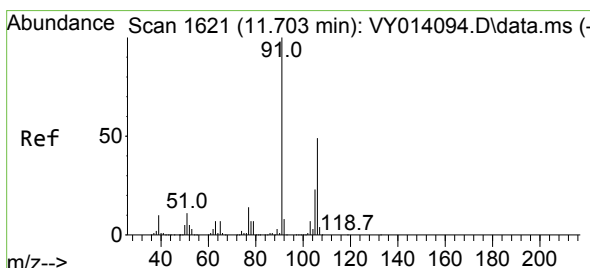
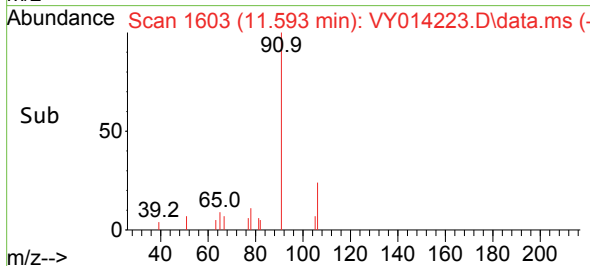
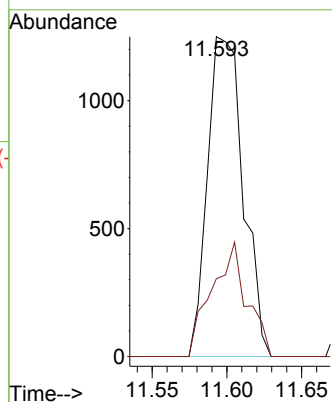
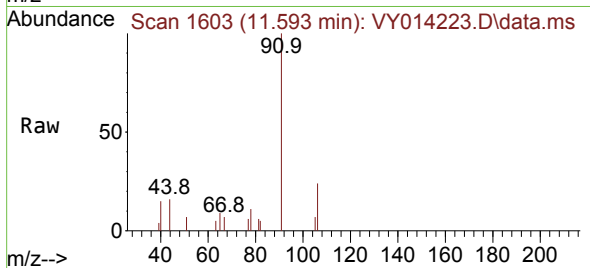
TOTAL-VOC-SB-01/02-GRAB-5B2RE

Tgt Ion: 91 Resp: 2076

Ion Ratio Lower Upper

91 100

106 24.3 24.6 36.8#



#68

m/p-Xylenes

Concen: 5.604 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY014223.D

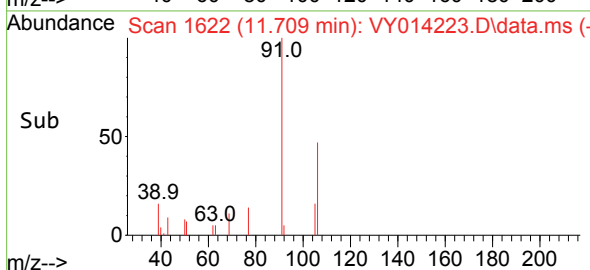
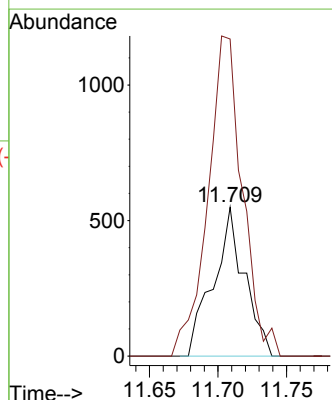
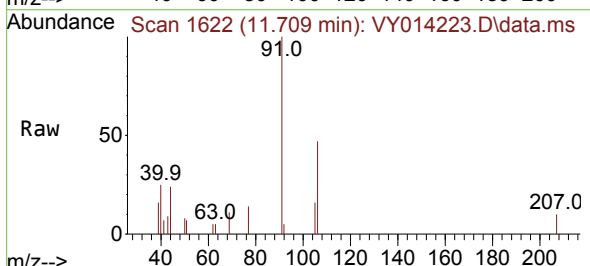
Acq: 16 Jun 2023 23:02

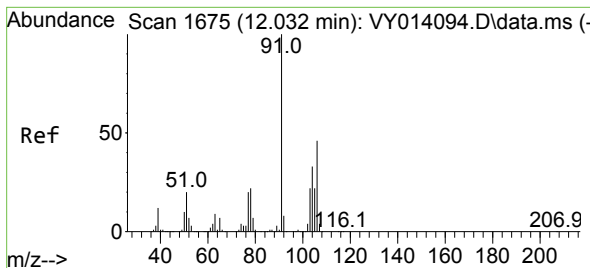
Tgt Ion:106 Resp: 869

Ion Ratio Lower Upper

106 100

91 238.2 166.1 249.1





#69

o-Xylene

Concen: 5.280 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY014223.D

Acq: 16 Jun 2023 23:02

Instrument :

MSVOA_Y

ClientSampleId :

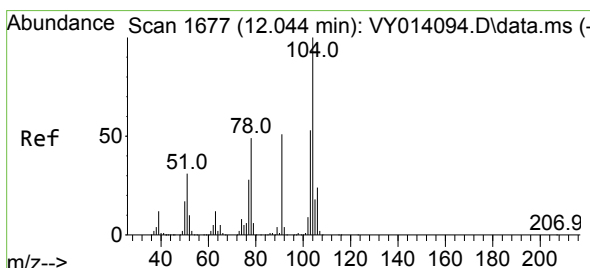
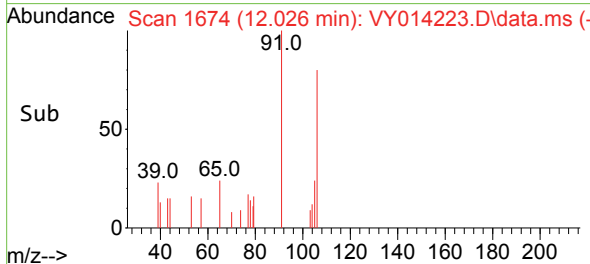
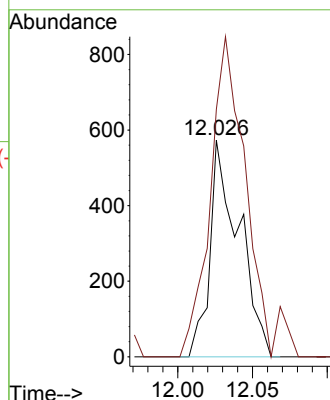
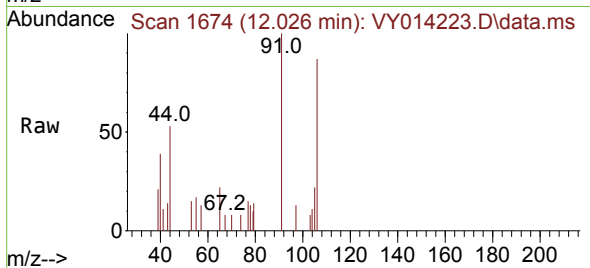
TOTAL-VOC-SB-01/02-GRAB-5B2RE

Tgt Ion:106 Resp: 774

Ion Ratio Lower Upper

106 100

91 175.5 108.1 324.3



#70

Styrene

Concen: 7.709 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY014223.D

Acq: 16 Jun 2023 23:02

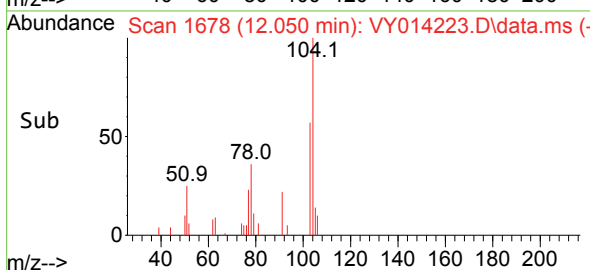
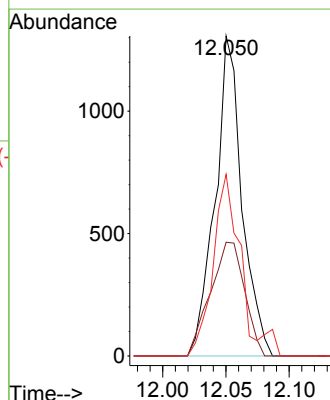
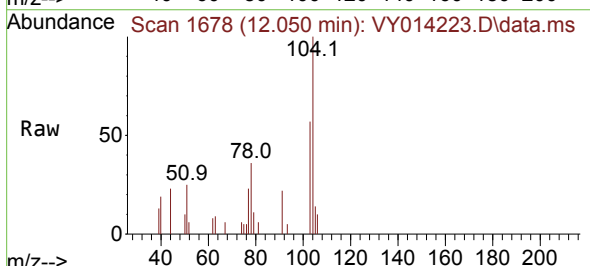
Tgt Ion:104 Resp: 1929

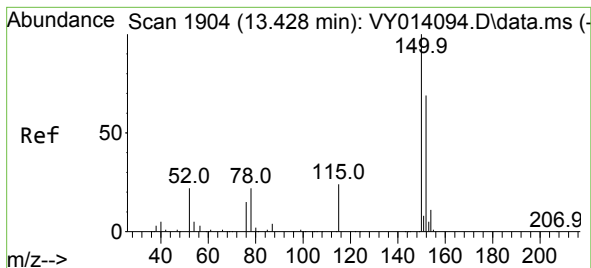
Ion Ratio Lower Upper

104 100

78 45.3 41.5 62.3

103 55.0 44.6 67.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY014223.D

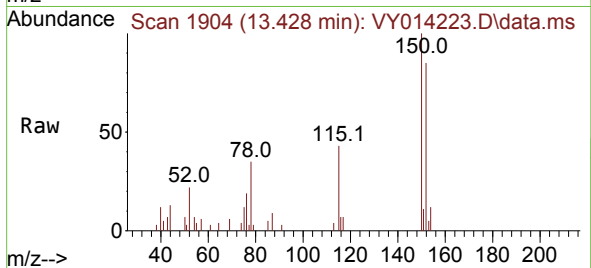
Acq: 16 Jun 2023 23:02

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-01/02-GRAB-5B2RE



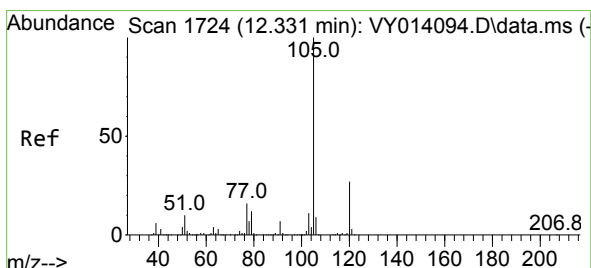
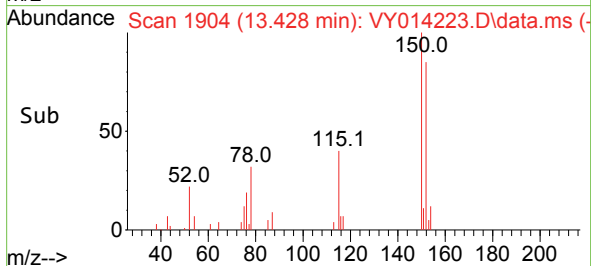
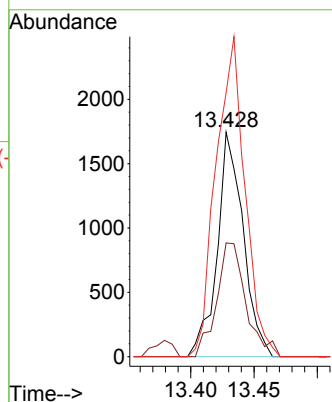
Tgt Ion:152 Resp: 2486

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 159.2 0.0 348.8



#73

Isopropylbenzene

Concen: 10.836 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY014223.D

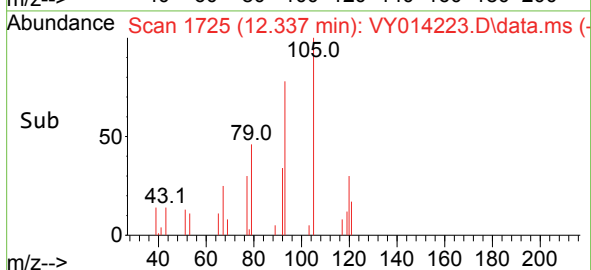
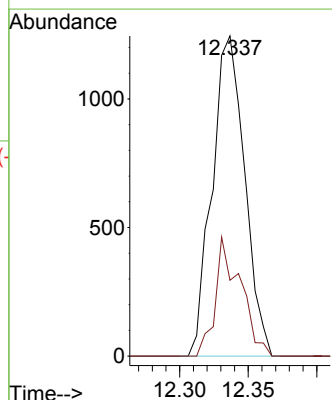
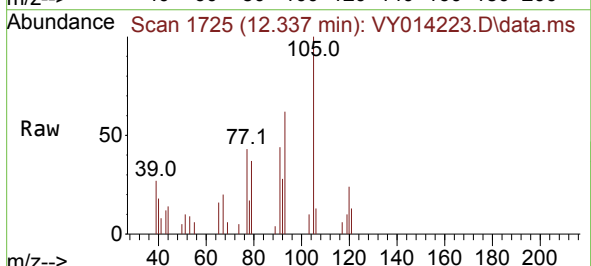
Acq: 16 Jun 2023 23:02

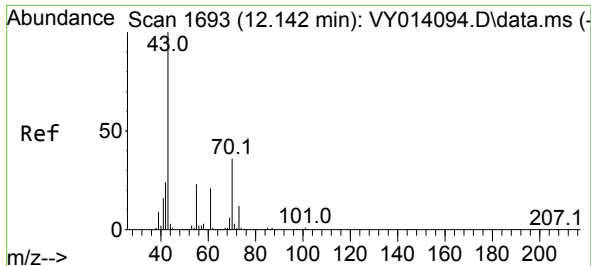
Tgt Ion:105 Resp: 2055

Ion Ratio Lower Upper

105 100

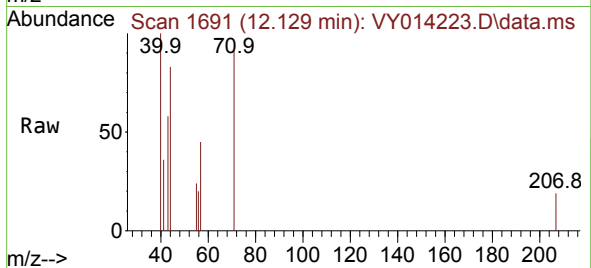
120 28.8 13.3 39.9



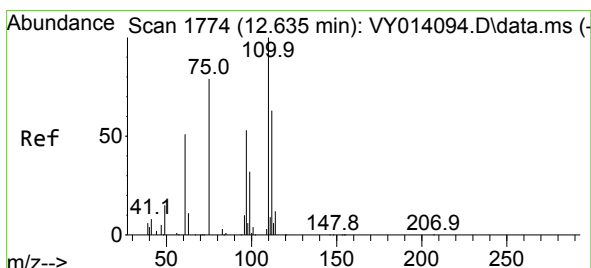
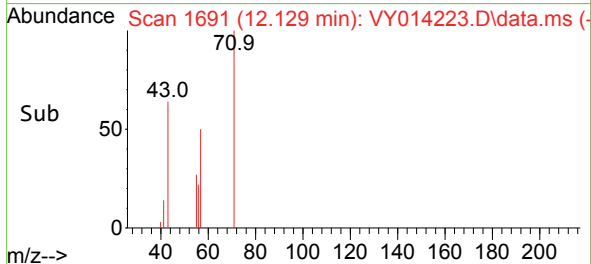
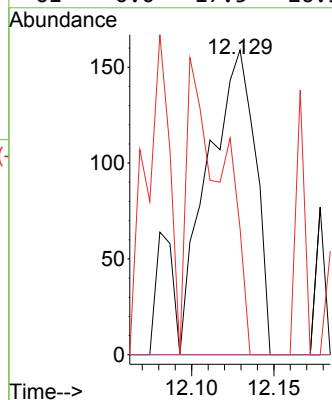


#74
N-amy1 acetate
Concen: 5.308 ug/l
RT: 12.129 min Scan# 1
Delta R.T. -0.013 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2RE

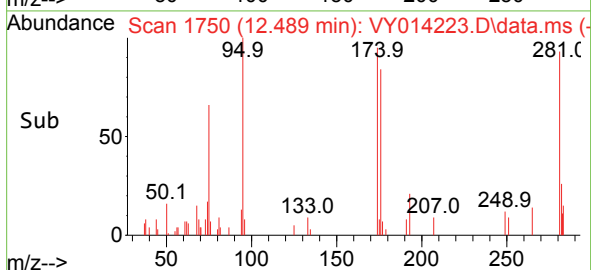
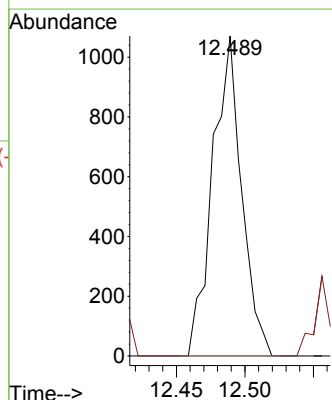
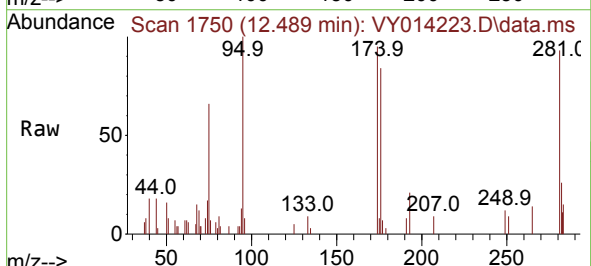


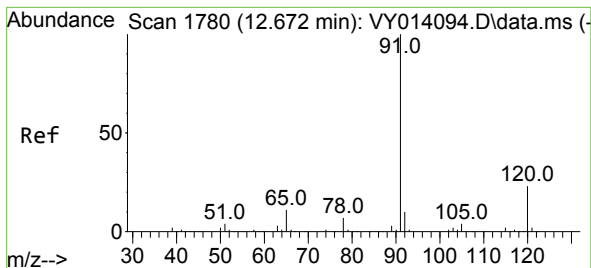
Tgt Ion: 43	Resp: 319
Ion Ratio	Lower Upper
43 100	
70 0.0	29.7 44.5#
55 0.0	18.3 27.5#
61 0.0	17.5 26.3#



#76
1,2,3-Trichloropropane
Concen: 48.412 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion: 75	Resp:	1579	
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#78

n-propylbenzene

Concen: 2.374 ug/l

RT: 12.678 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014223.D

Acq: 16 Jun 2023 23:02

Instrument :

MSVOA_Y

ClientSampleId :

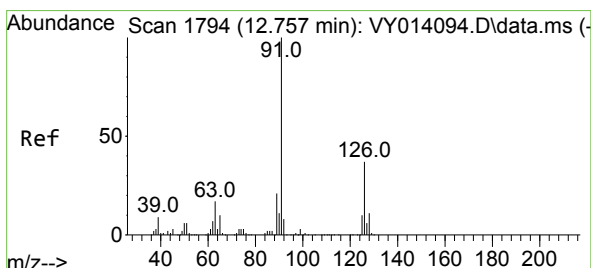
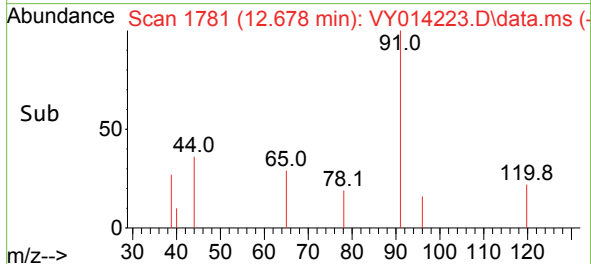
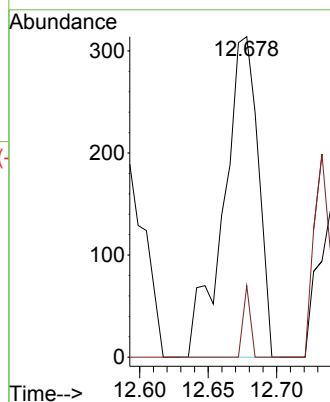
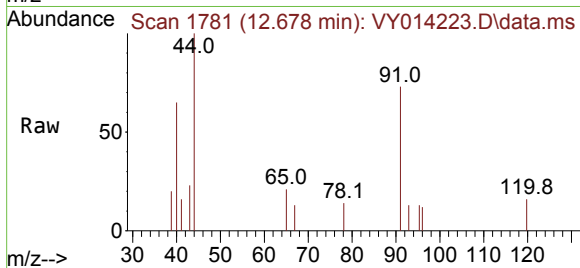
TOTAL-VOC-SB-01/02-GRAB-5B2RE

Tgt Ion: 91 Resp: 550

Ion Ratio Lower Upper

91 100

120 4.7 11.5 34.4#



#79

2-Chlorotoluene

Concen: 2.281 ug/l

RT: 12.739 min Scan# 1791

Delta R.T. -0.018 min

Lab File: VY014223.D

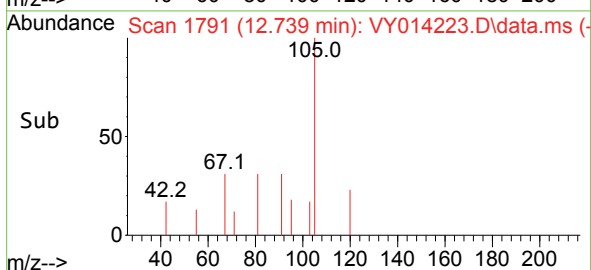
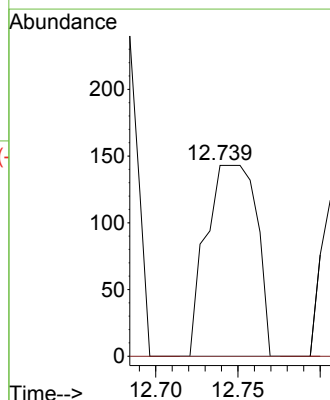
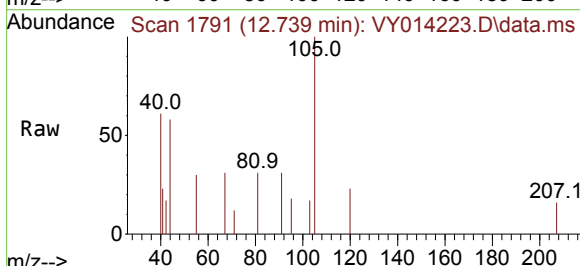
Acq: 16 Jun 2023 23:02

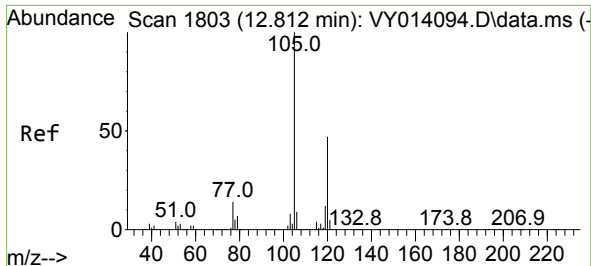
Tgt Ion: 91 Resp: 304

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.7#

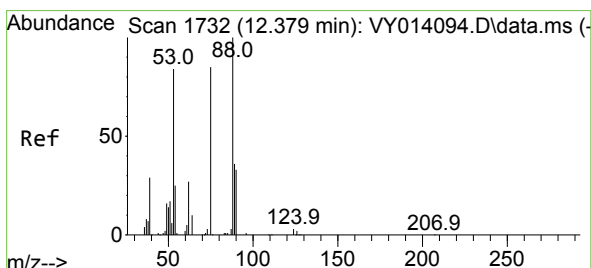
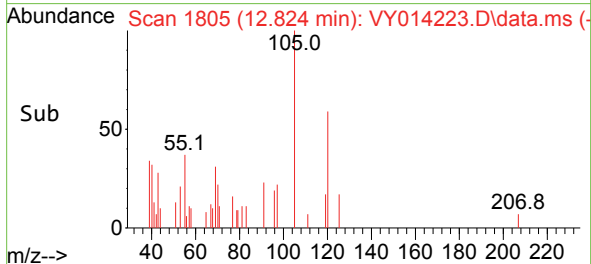
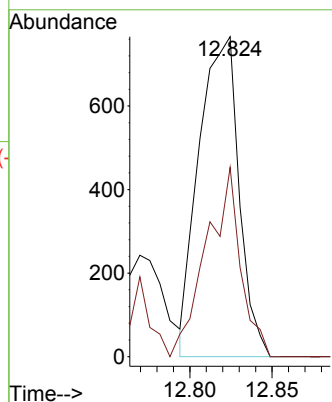
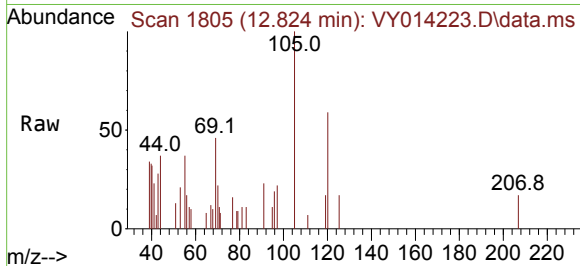




#80
1,3,5-Trimethylbenzene
Concen: 7.963 ug/l
RT: 12.824 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

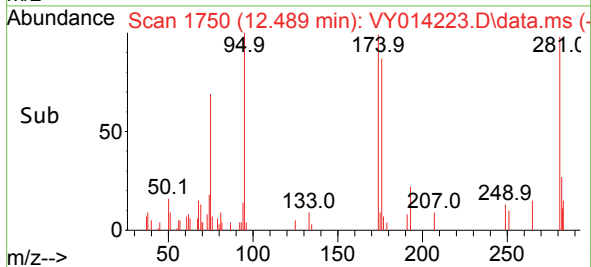
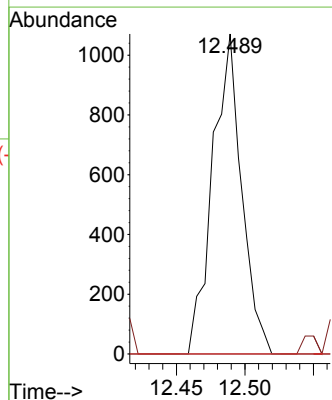
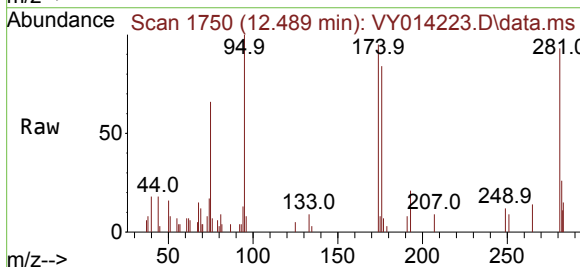
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2RE

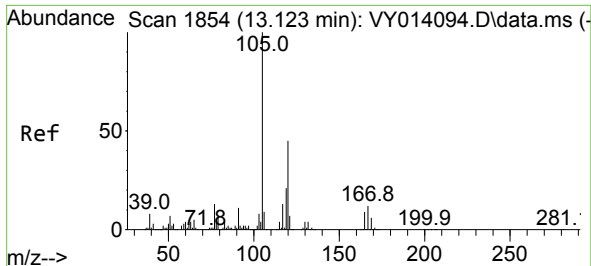
Tgt Ion:105 Resp: 1293
Ion Ratio Lower Upper
105 100
120 50.7 23.9 71.7



#81
trans-1,4-Dichloro-2-butene
Concen: 104.648 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion: 75 Resp: 1579
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

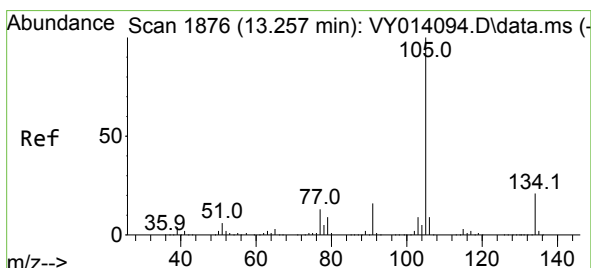
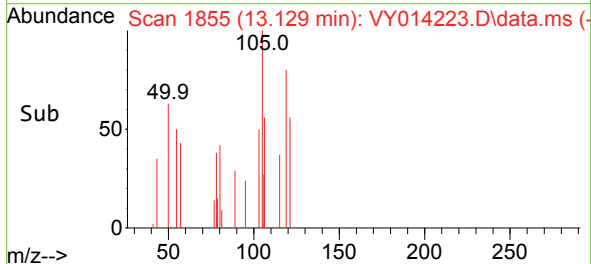
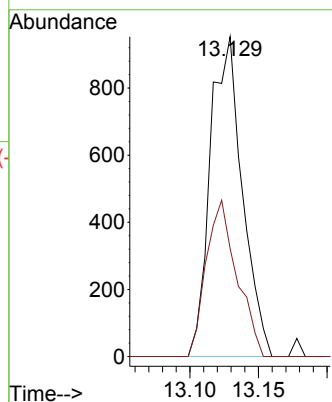
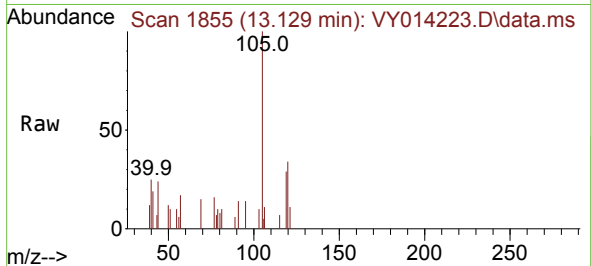




#84
1,2,4-Trimethylbenzene
Concen: 9.630 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

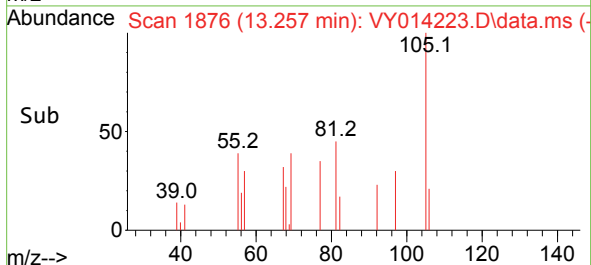
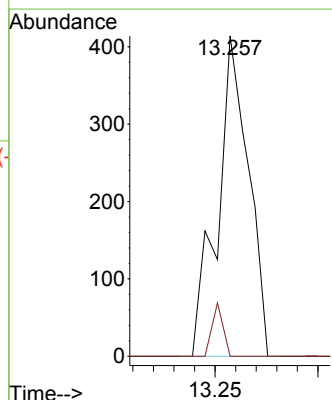
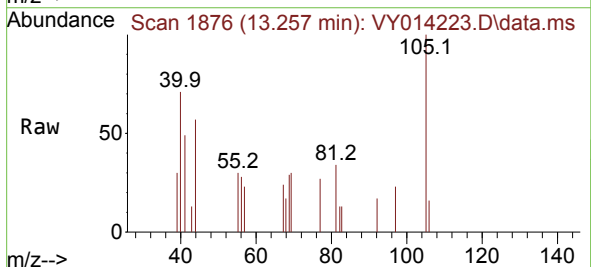
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2RE

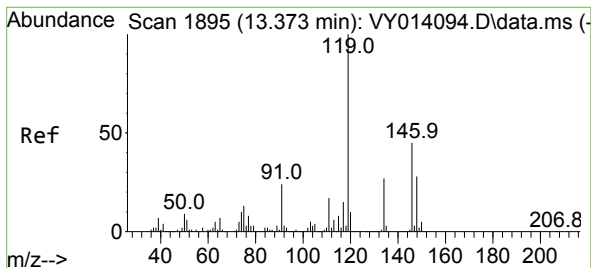
Tgt Ion:105 Resp: 1548
Ion Ratio Lower Upper
105 100
120 47.0 22.2 66.6



#85
sec-Butylbenzene
Concen: 2.158 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion:105 Resp: 433
Ion Ratio Lower Upper
105 100
134 5.8 10.2 30.6#

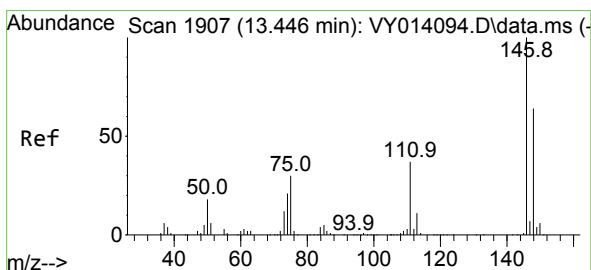
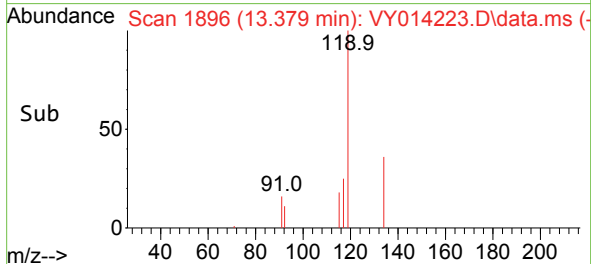
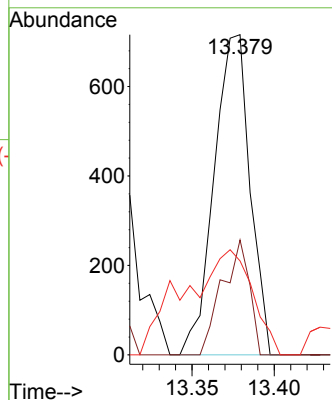
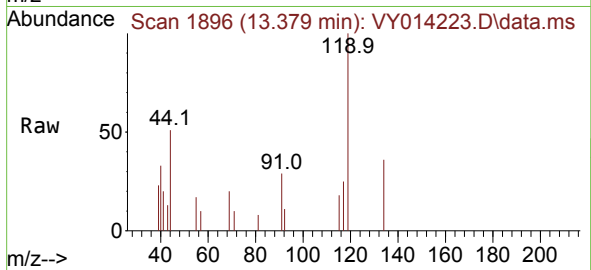




#86
p-Isopropyltoluene
Concen: 6.325 ug/l
RT: 13.379 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

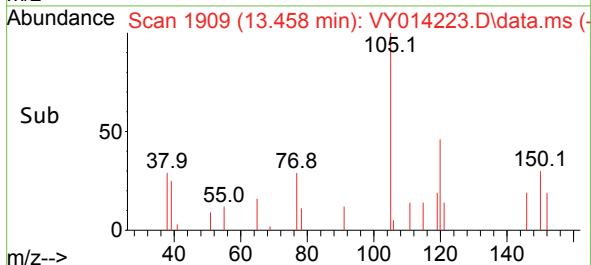
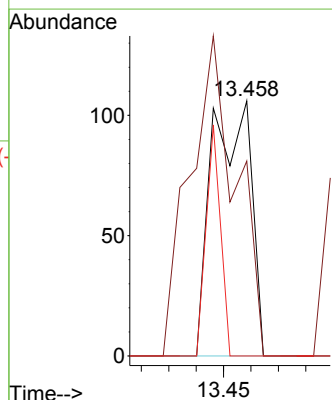
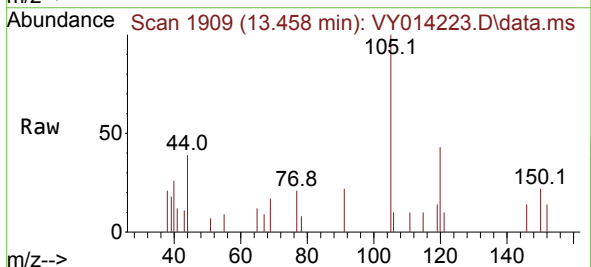
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-01/02-GRAB-5B2RE

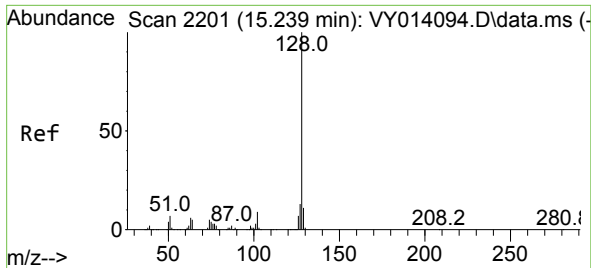
Tgt Ion:119 Resp: 1086
Ion Ratio Lower Upper
119 100
134 27.1 13.3 39.8
91 38.1 12.4 37.4#



#88
1,4-Dichlorobenzene
Concen: 1.095 ug/l
RT: 13.458 min Scan# 1909
Delta R.T. 0.012 min
Lab File: VY014223.D
Acq: 16 Jun 2023 23:02

Tgt Ion:146 Resp: 105
Ion Ratio Lower Upper
146 100
111 148.6 18.9 56.7#
148 33.3 32.1 96.5





#95

Naphthalene

Concen: 58.013 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014223.D

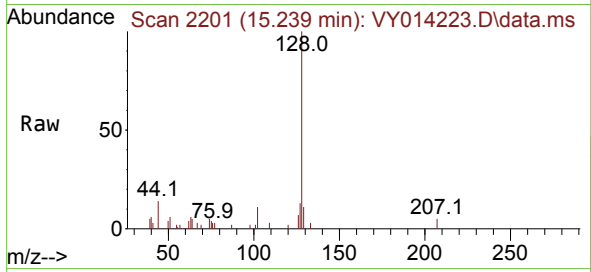
Acq: 16 Jun 2023 23:02

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-01/02-GRAB-5B2RE



Tgt Ion:128 Resp: 6376

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 13.1 8.6 13.0#

