

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013466.D
 Acq On : 26 Apr 2023 12:22
 Operator : KP/MD
 Sample : 02386-06
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPA-2WC-23-04

Quant Time: Apr 27 01:30:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	165770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	292557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112927	62.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.280%	
35) Dibromofluoromethane	7.716	113	97843	53.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.340%	
50) Toluene-d8	10.179	98	361403	55.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.420%	
62) 4-Bromofluorobenzene	12.477	95	125171	56.722	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.440%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	1564	8.271	ug/l #	89
13) Acrolein	3.729	56	118	Below Cal	#	77
16) Acetone	3.960	43	6508	9.094	ug/l #	88
20) Methylene Chloride	4.710	84	15320	Below Cal		92
25) 2-Butanone	6.990	43	2528	2.785	ug/l #	89
31) Cyclohexane	7.783	56	16458	5.058	ug/l #	75
36) 1,1-Dichloropropene	7.783	75	13337	4.367	ug/l #	48
38) Carbon Tetrachloride	7.795	117	16737	5.229	ug/l #	15
39) Methylcyclohexane	9.179	83	87349	24.263	ug/l	88
40) Benzene	8.155	78	75613	8.790	ug/l	99
43) Isopropyl Acetate	8.271	43	5908	1.523	ug/l #	53
48) Methyl methacrylate	9.240	41	11358	6.376	ug/l #	40
51) 4-Methyl-2-Pentanone	10.106	43	3768	1.743	ug/l #	85
52) Toluene	10.240	92	9893	1.911	ug/l	99
55) 1,1,2-Trichloroethane	10.618	97	50592	28.387	ug/l #	21
56) Ethyl methacrylate	10.514	69	19113	7.730	ug/l #	1
59) 2-Hexanone	10.801	43	83643	53.233	ug/l #	31
65) Chlorobenzene	11.514	112	162656	30.775	ug/l	97
67) Ethyl Benzene	11.593	91	461321	49.705	ug/l	98
68) m/p-Xylenes	11.703	106	150818	42.746	ug/l	98
69) o-Xylene	12.026	106	150597	45.132	ug/l	93
70) Styrene	12.026	104	10369	1.858	ug/l #	1
73) Isopropylbenzene	12.331	105	105299	15.281	ug/l	98
74) N-amyl acetate	12.123	43	247603	100.974	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.556	83	25037	14.865	ug/l #	16
76) 1,2,3-Trichloropropane	12.764	75	2296	1.869	ug/l #	100
77) Bromobenzene	12.416	156	18433	11.040	ug/l #	1
78) n-propylbenzene	12.672	91	191139	22.520	ug/l	97
79) 2-Chlorotoluene	12.758	91	49362	10.415	ug/l #	66
80) 1,3,5-Trimethylbenzene	12.812	105	20287	3.607	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.337	75	2004	3.336	ug/l #	10
82) 4-Chlorotoluene	12.758	91	50839	10.291	ug/l #	65
83) tert-Butylbenzene	13.075	119	79485	16.312	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	724839	132.558	ug/l	100
85) sec-Butylbenzene	13.251	105	102268	13.985	ug/l #	31
86) p-Isopropyltoluene	13.367	119	38009	6.463	ug/l	98

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

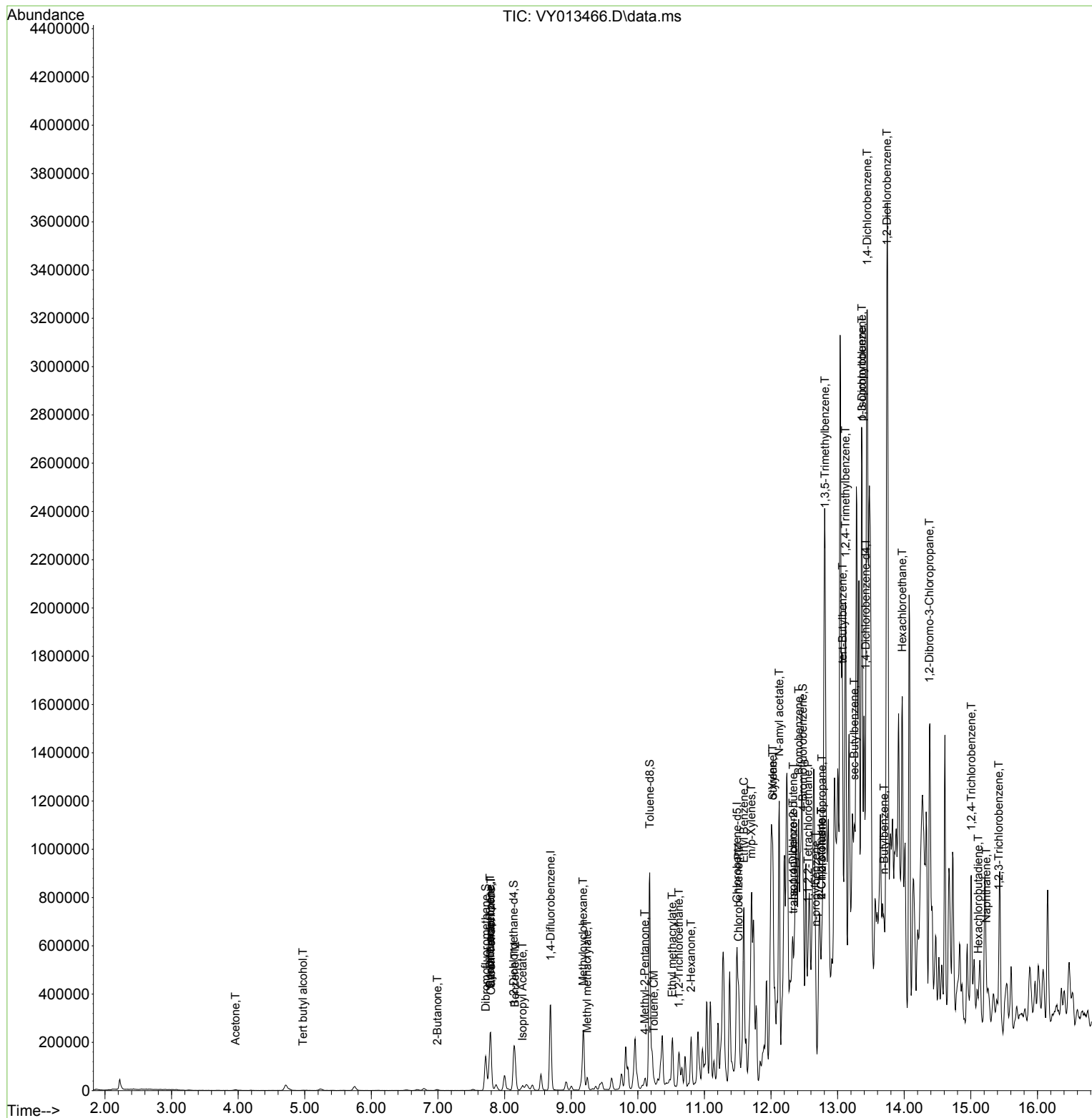
87) 1,3-Dichlorobenzene	13.367	146	403425	126.824	ug/l	93
88) 1,4-Dichlorobenzene	13.446	146	776953	241.793	ug/l	96
89) n-Butylbenzene	13.696	91	108250	18.860	ug/l #	79
90) Hexachloroethane	13.971	117	33607	27.152	ug/l #	8
91) 1,2-Dichlorobenzene	13.739	146	529939	184.485	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.379	75	957	3.217	ug/l #	22
93) 1,2,4-Trichlorobenzene	15.007	180	139292	81.333	ug/l #	89
94) Hexachlorobutadiene	15.111	225	3823	3.836	ug/l	97
95) Naphthalene	15.233	128	71585	19.265	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.422	180	28769	18.847	ug/l #	69

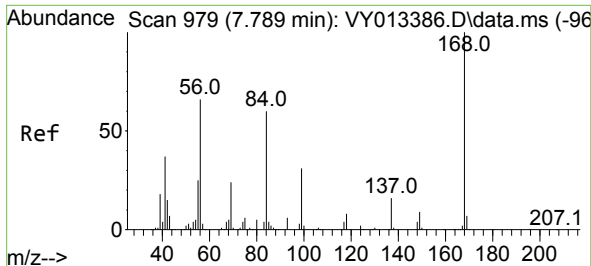
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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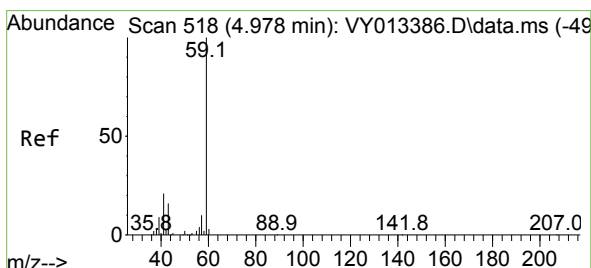
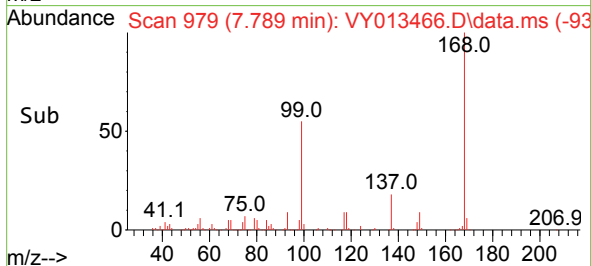
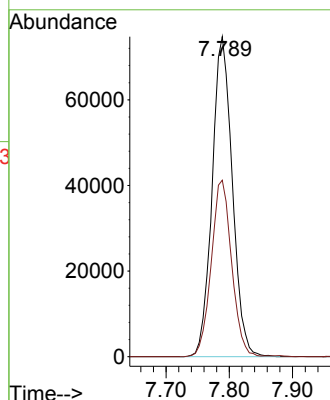
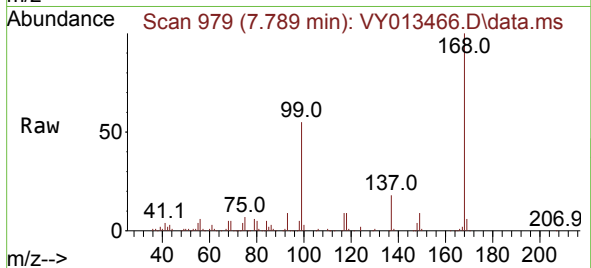




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013466.D
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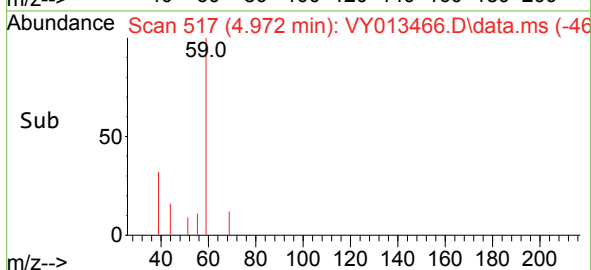
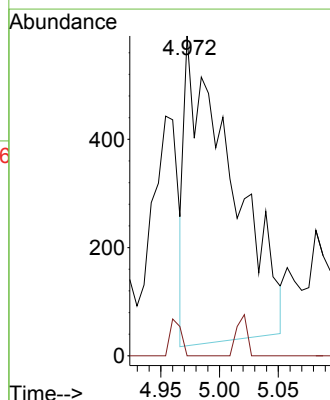
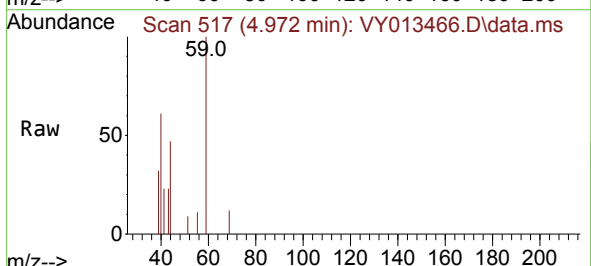
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

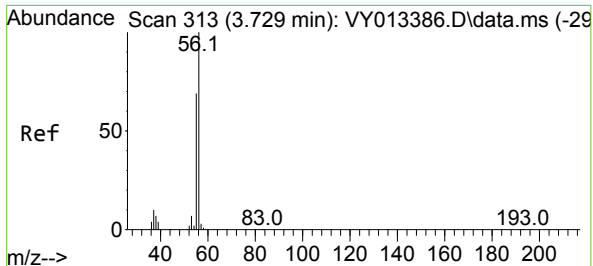
Tgt Ion:168 Resp: 165770
Ion Ratio Lower Upper
168 100
99 55.2 41.8 62.6



#11
Tert butyl alcohol
Concen: 8.271 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 59 Resp: 1564
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#13

Acrolein

Concen: Below Cal

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

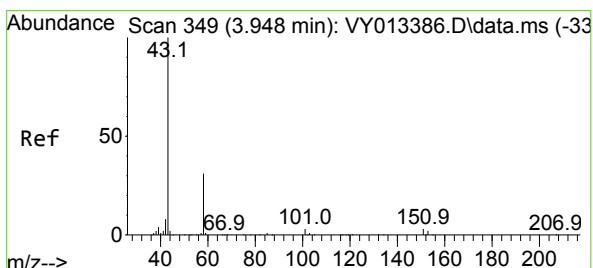
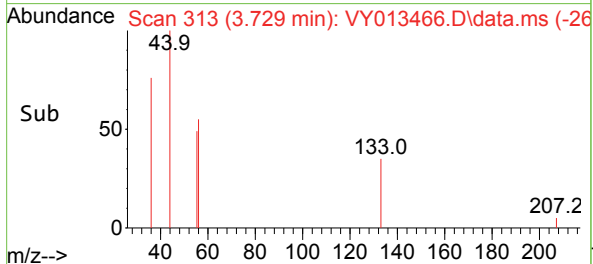
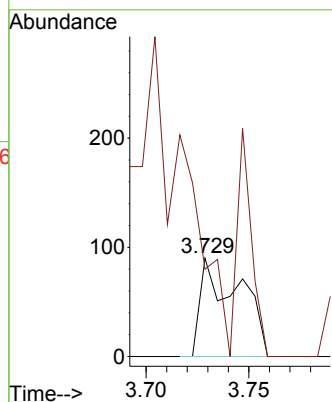
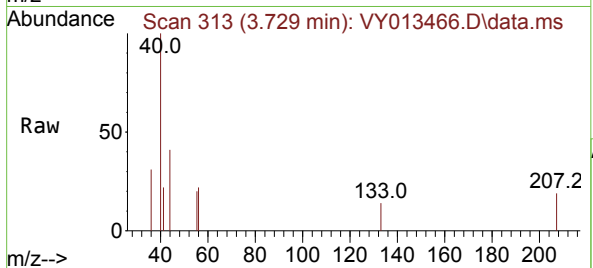
SPA-2WC-23-04

Tgt Ion: 56 Resp: 118

Ion Ratio Lower Upper

56 100

55 86.4 54.1 81.1#



#16

Acetone

Concen: 9.094 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY013466.D

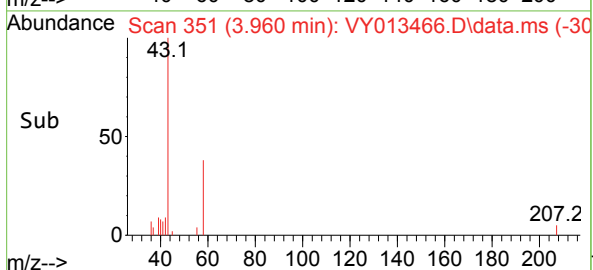
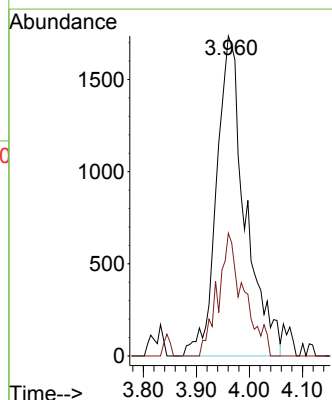
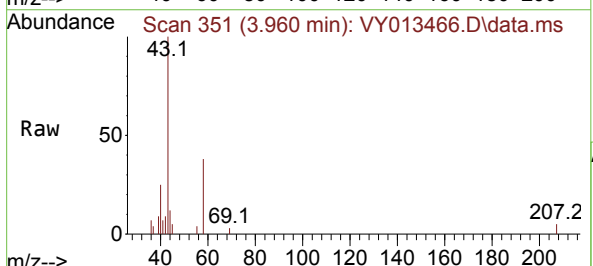
Acq: 26 Apr 2023 12:22

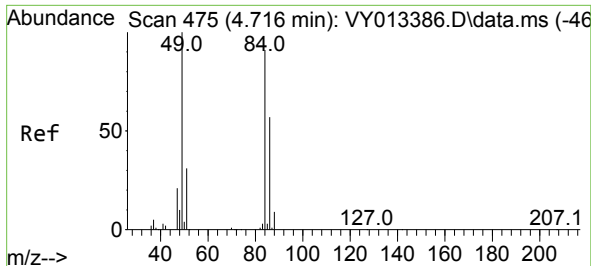
Tgt Ion: 43 Resp: 6508

Ion Ratio Lower Upper

43 100

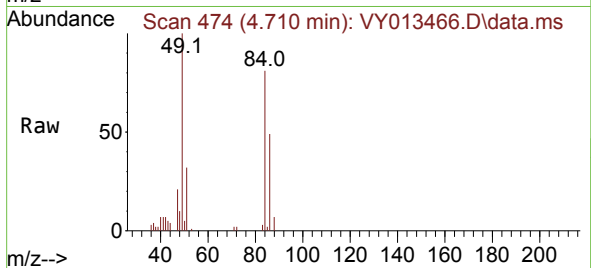
58 38.4 25.4 38.0#





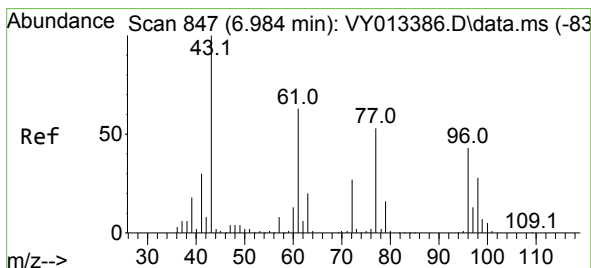
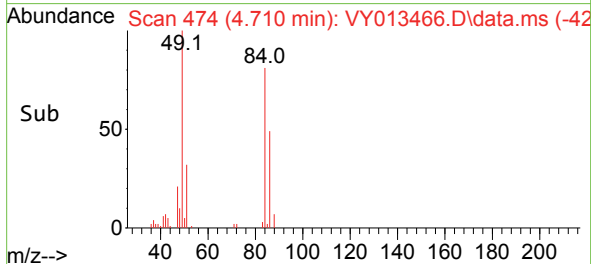
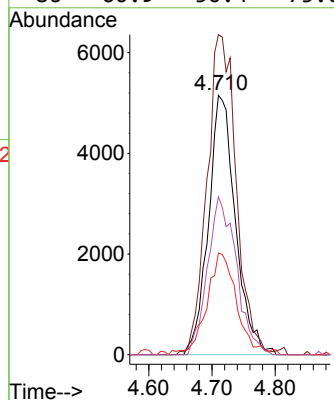
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04



Tgt Ion: 84 Resp: 15320

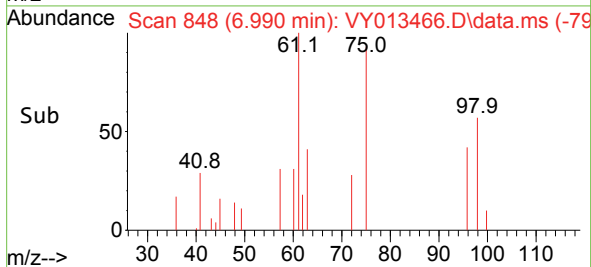
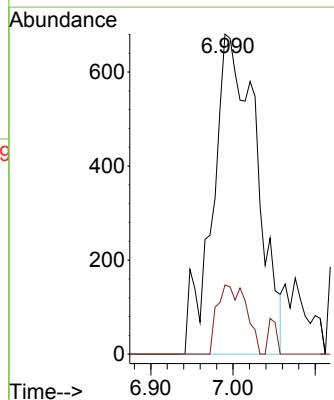
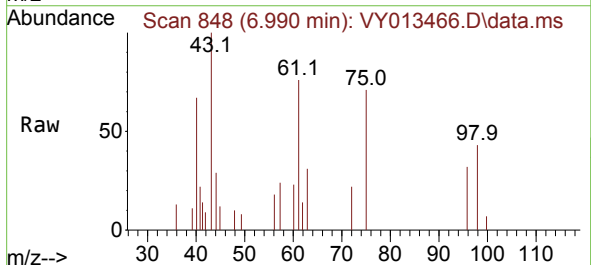
Ion	Ratio	Lower	Upper
84	100		
49	122.0	88.0	132.0
51	39.2	27.4	41.0
86	60.9	50.4	75.6

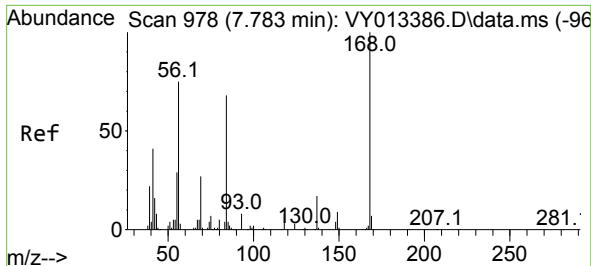


#25
2-Butanone
Concen: 2.785 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 43 Resp: 2528

Ion	Ratio	Lower	Upper
43	100		
72	21.6	21.9	32.9#

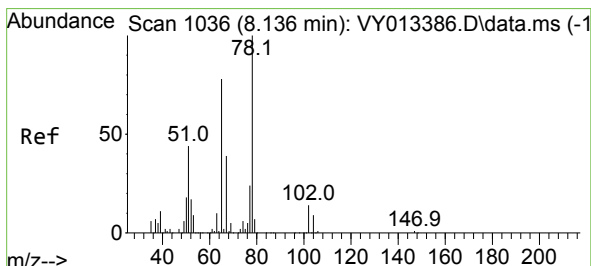
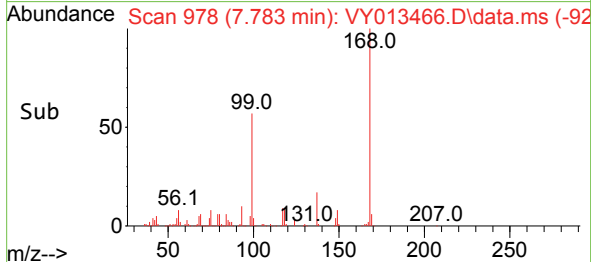
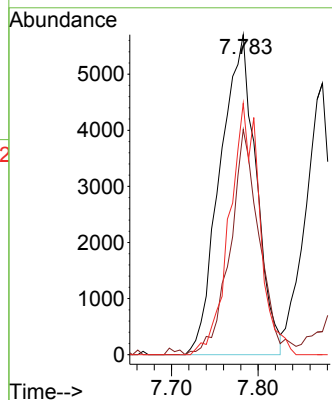
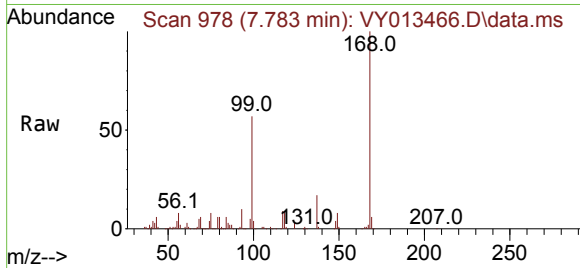




#31
Cyclohexane
Concen: 5.058 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

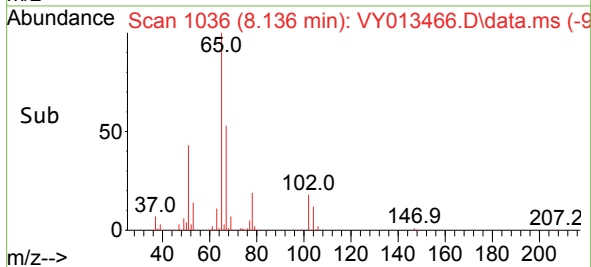
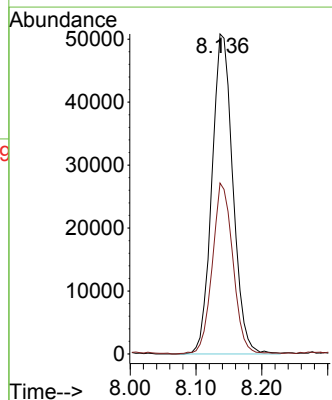
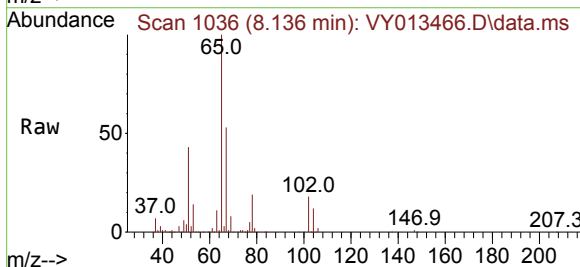
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ClientSampleId :
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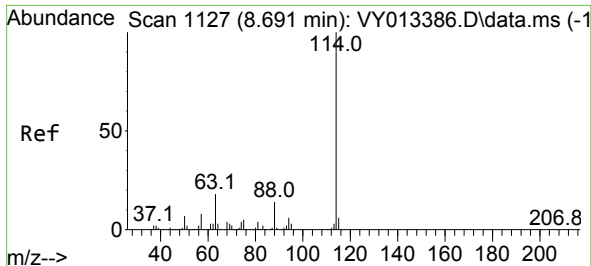
Tgt Ion: 56 Resp: 16458
Ion Ratio Lower Upper
56 100
69 68.9 29.2 43.8#
84 78.5 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 62.143 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 65 Resp: 112927
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4

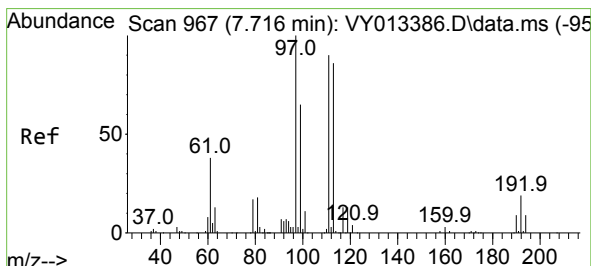
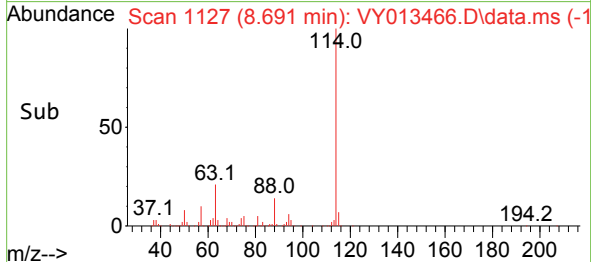
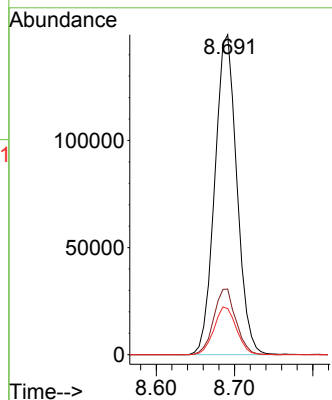
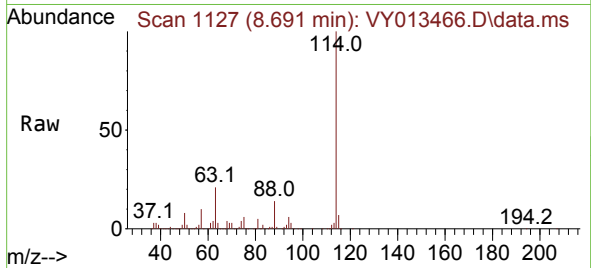




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013466.D
 Acq: 26 Apr 2023 12:22

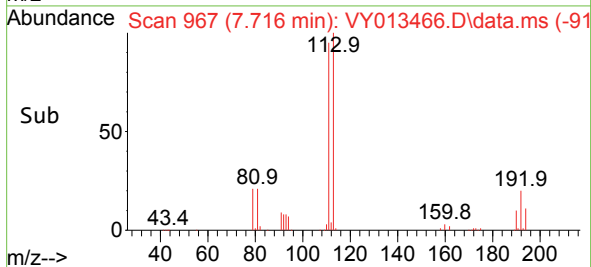
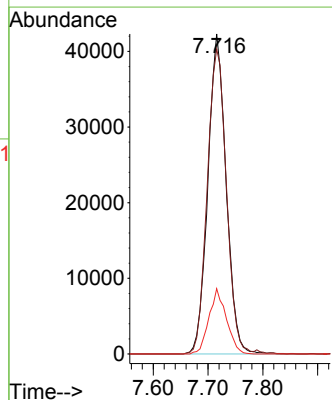
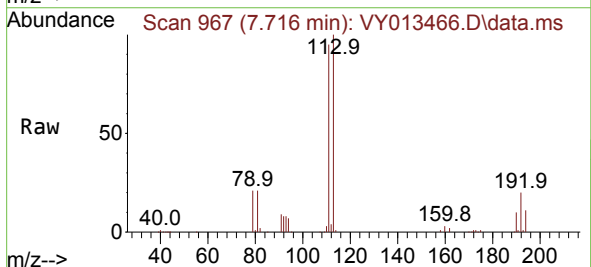
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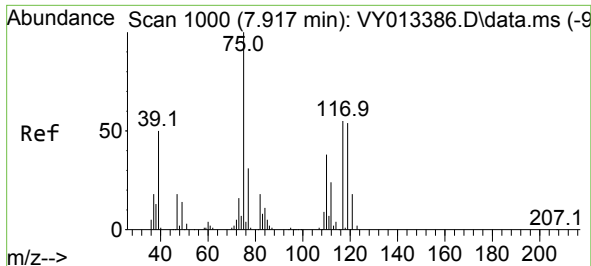
Tgt Ion:114 Resp: 292557
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 36.6
 88 14.4 0.0 28.8



#35
 Dibromofluoromethane
 Concen: 53.174 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY013466.D
 Acq: 26 Apr 2023 12:22

Tgt Ion:113 Resp: 97843
 Ion Ratio Lower Upper
 113 100
 111 99.6 82.2 123.2
 192 19.5 16.7 25.1

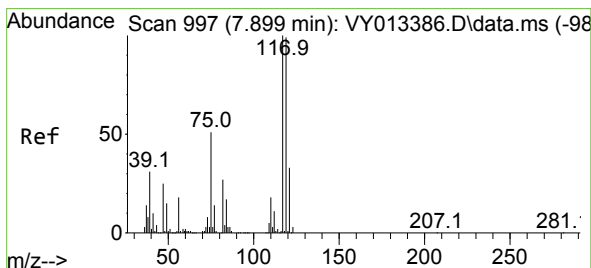
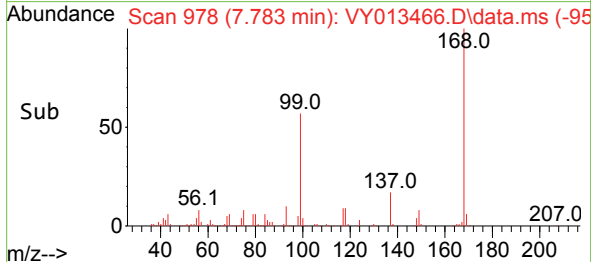
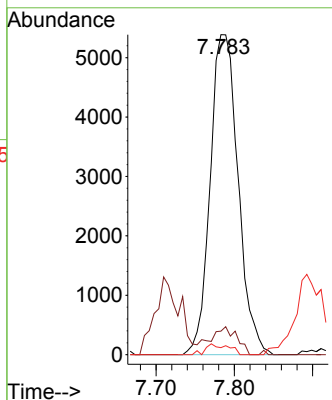
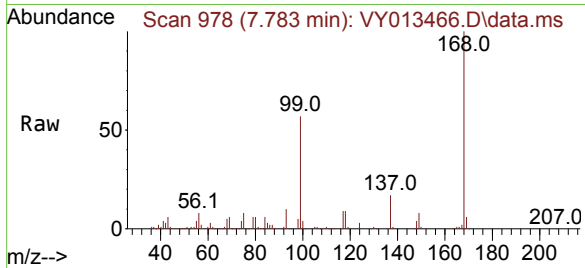




#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

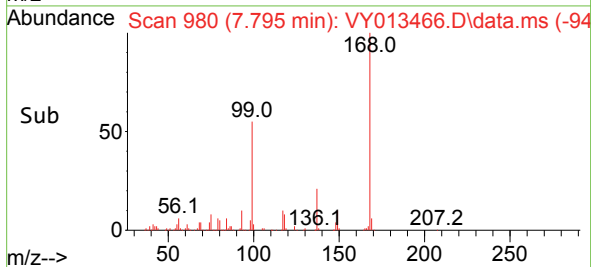
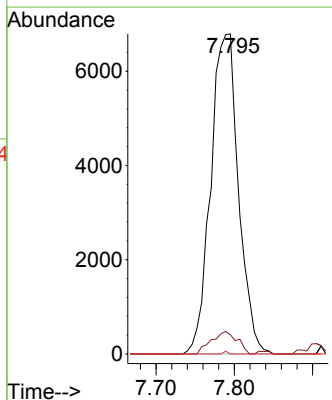
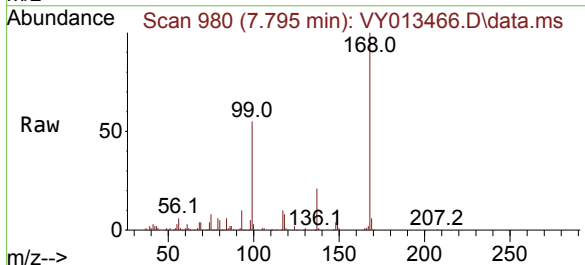
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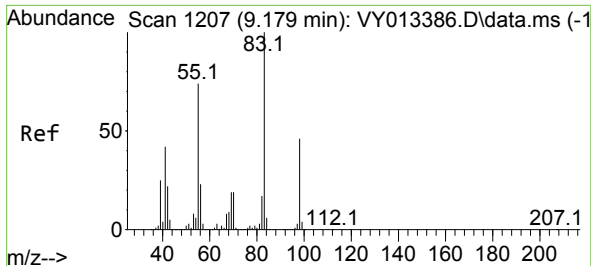
Tgt Ion: 75 Resp: 13337
Ion Ratio Lower Upper
75 100
110 8.3 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.229 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 117 Resp: 16737
Ion Ratio Lower Upper
117 100
119 6.0 79.0 118.6#
121 0.0 26.6 40.0#





#39

Methylcyclohexane

Concen: 24.263 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

SPA-2WC-23-04

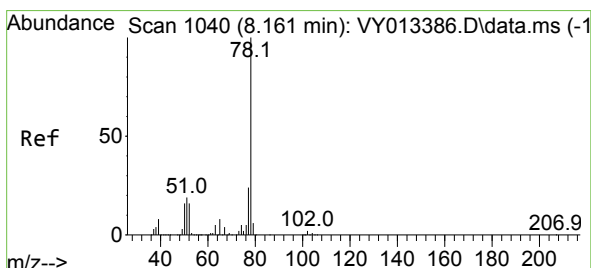
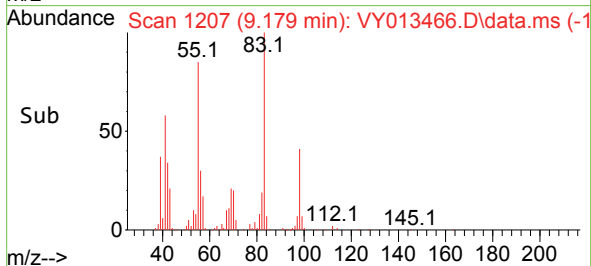
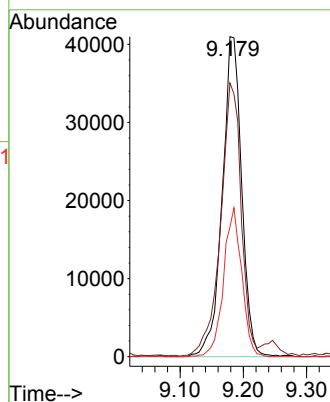
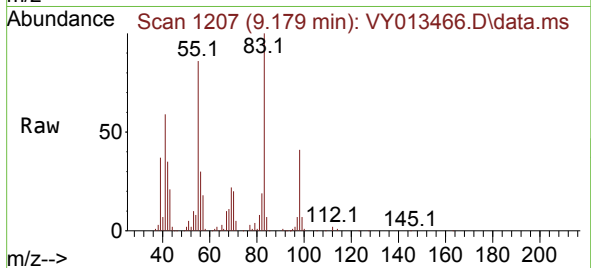
Tgt Ion: 83 Resp: 87349

Ion Ratio Lower Upper

83 100

55 85.3 59.0 88.4

98 40.5 37.0 55.4



#40

Benzene

Concen: 8.790 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013466.D

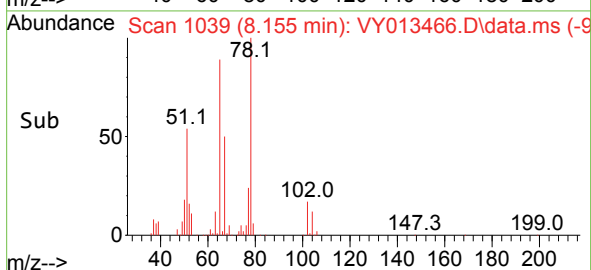
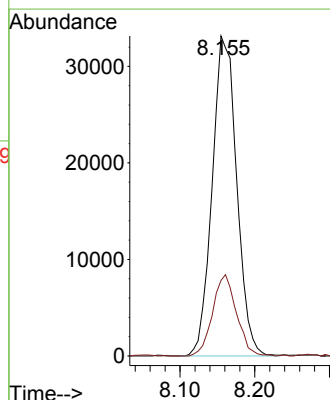
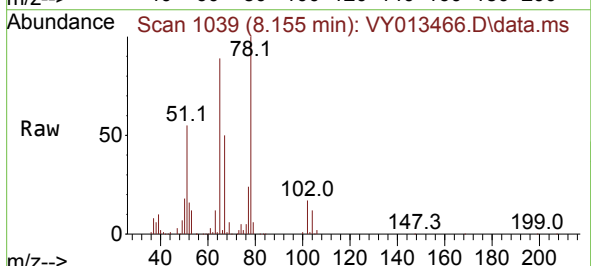
Acq: 26 Apr 2023 12:22

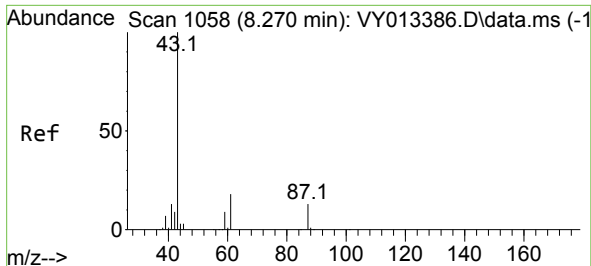
Tgt Ion: 78 Resp: 75613

Ion Ratio Lower Upper

78 100

77 23.6 19.2 28.8

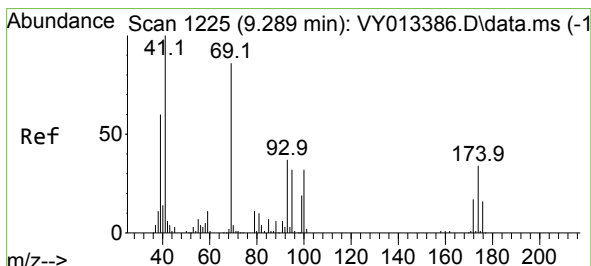
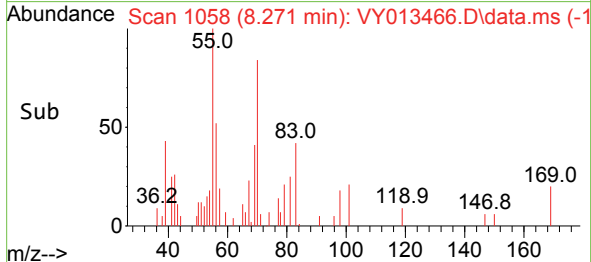
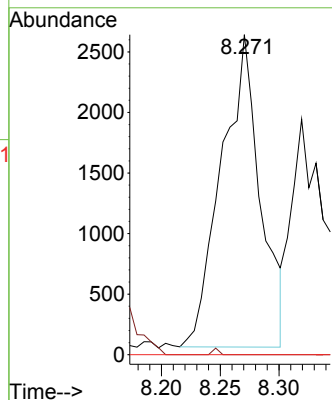
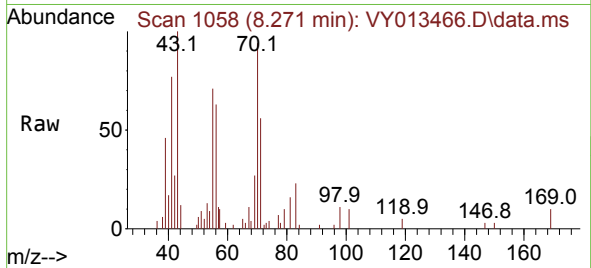




#43
Isopropyl Acetate
Concen: 1.523 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

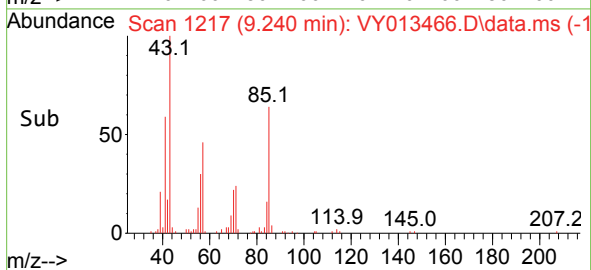
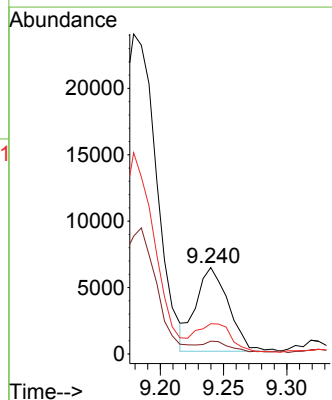
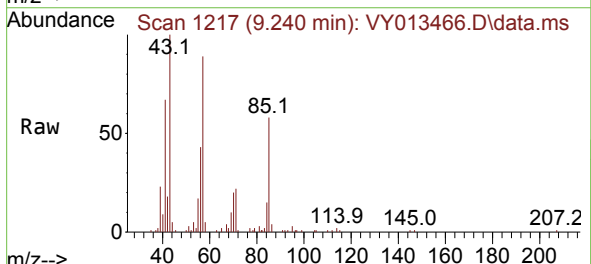
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

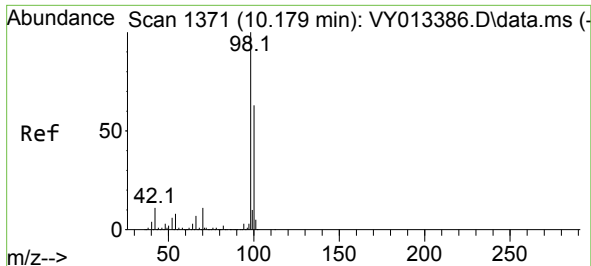
Tgt Ion: 43 Resp: 5908
Ion Ratio Lower Upper
43 100
61 0.0 22.2 33.4#
87 0.0 11.0 16.6#



#48
Methyl methacrylate
Concen: 6.376 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. -0.049 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 41 Resp: 11358
Ion Ratio Lower Upper
41 100
69 13.8 70.2 105.4#
39 36.1 47.9 71.9#

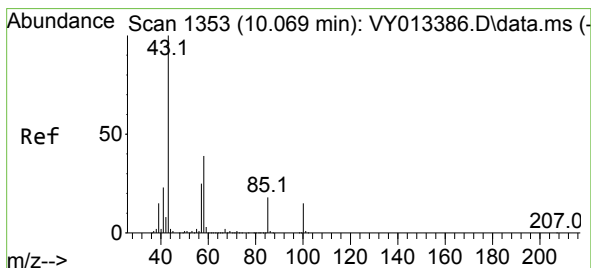
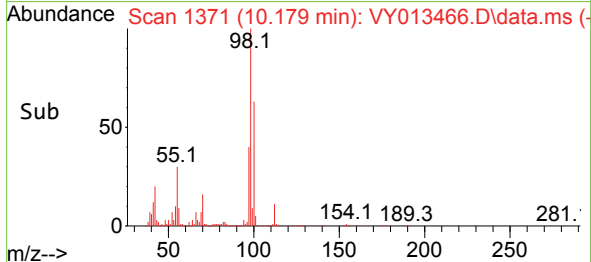
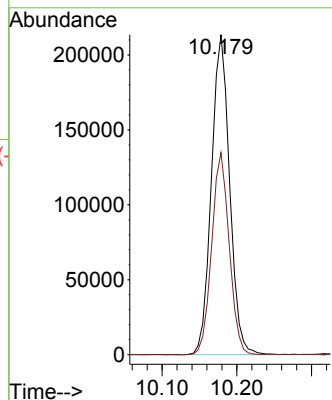
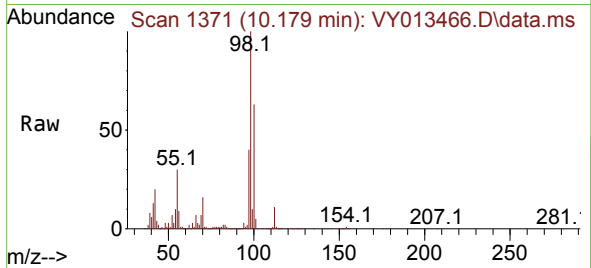




#50
Toluene-d8
Concen: 55.211 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

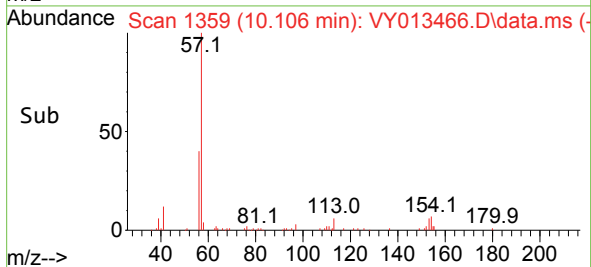
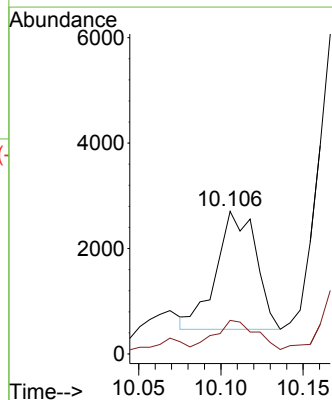
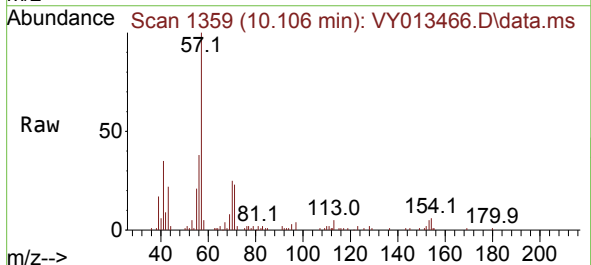
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

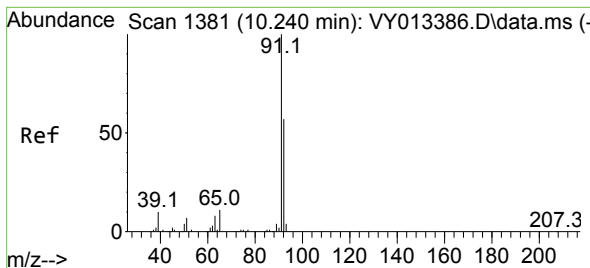
Tgt Ion: 98 Resp: 361403
Ion Ratio Lower Upper
98 100
100 60.7 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.743 ug/l
RT: 10.106 min Scan# 1359
Delta R.T. 0.037 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 43 Resp: 3768
Ion Ratio Lower Upper
43 100
58 29.5 30.6 46.0#





#52

Toluene

Concen: 1.911 ug/l

RT: 10.240 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

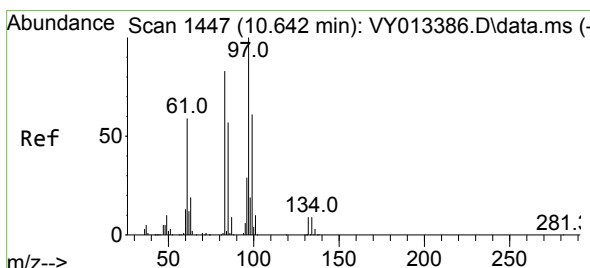
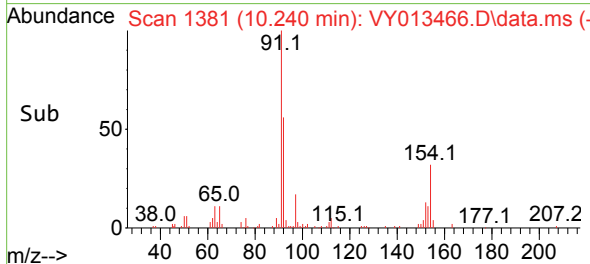
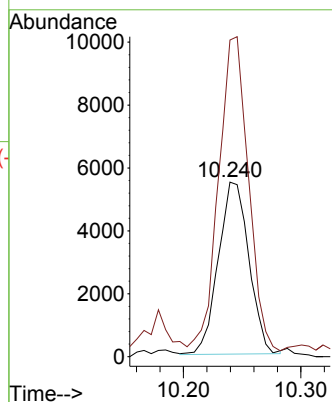
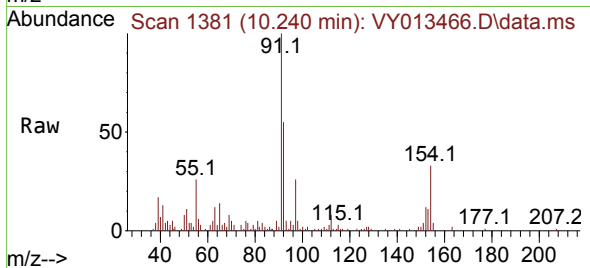
SPA-2WC-23-04

Tgt Ion: 92 Resp: 9893

Ion Ratio Lower Upper

92 100

91 177.1 140.2 210.4



#55

1,1,2-Trichloroethane

Concen: 28.387 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.024 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Tgt Ion: 97 Resp: 50592

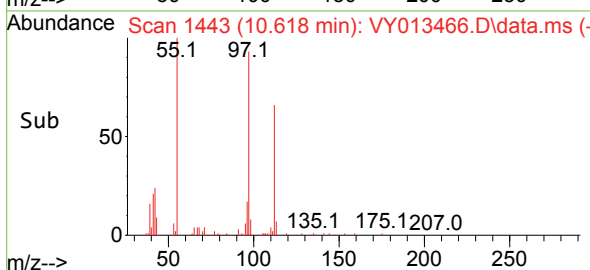
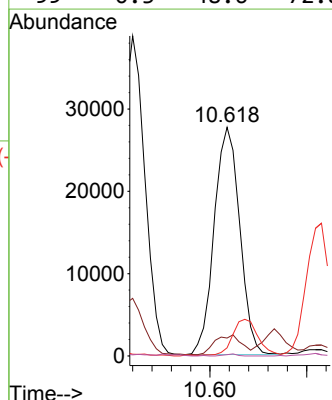
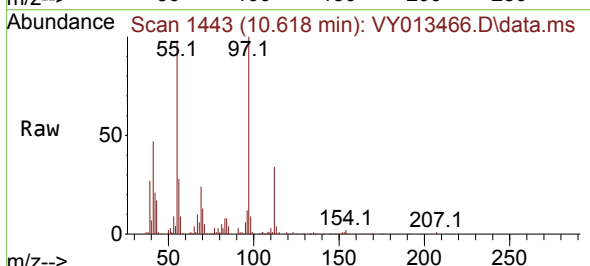
Ion Ratio Lower Upper

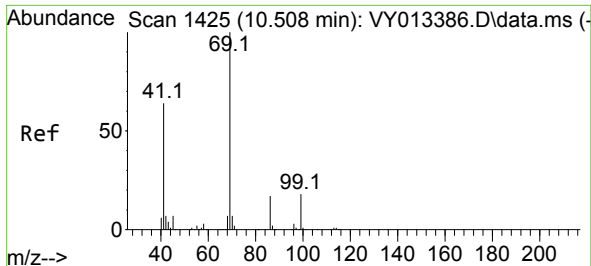
97 100

83 7.1 66.4 99.6#

85 3.6 45.6 68.4#

99 0.3 48.6 72.8#

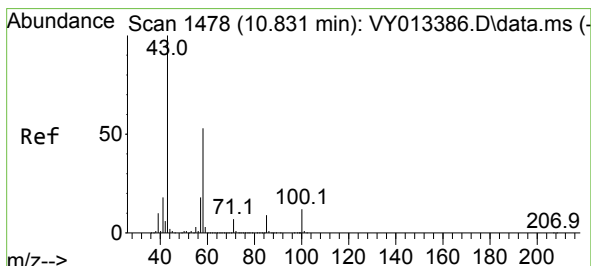
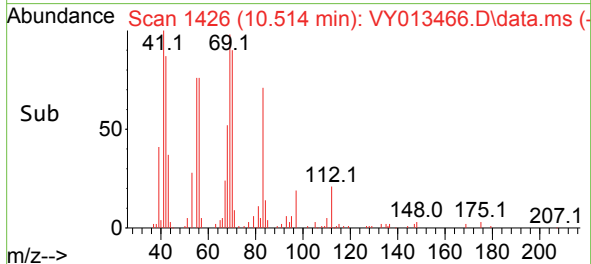
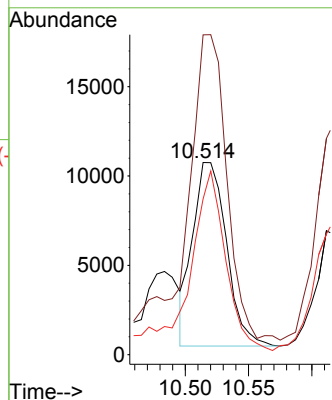
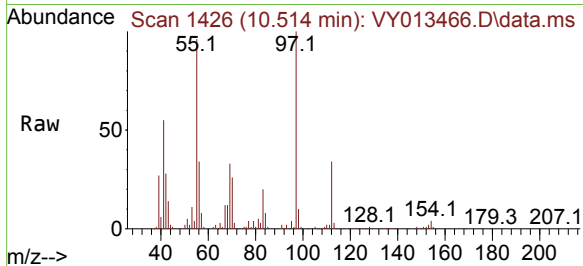




#56
Ethyl methacrylate
Concen: 7.730 ug/l
RT: 10.514 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

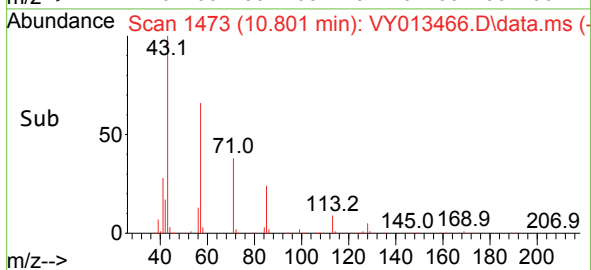
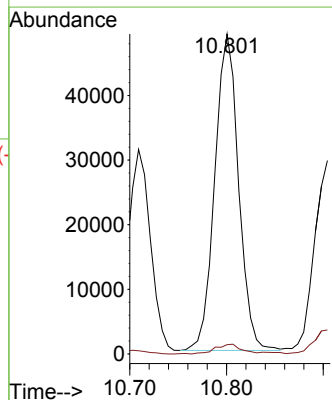
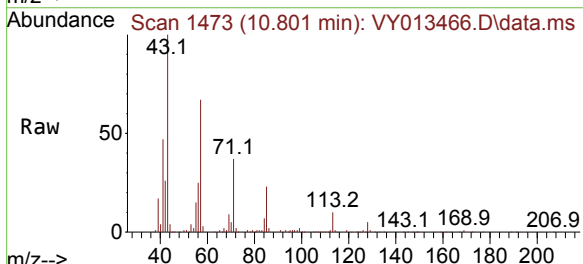
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

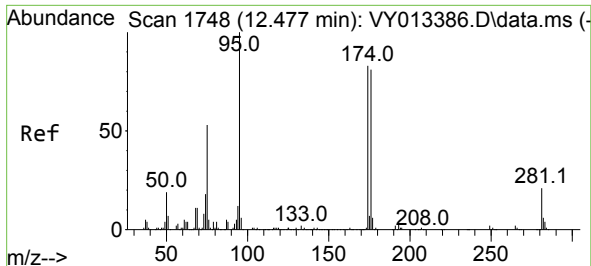
Tgt Ion: 69 Resp: 19113
Ion Ratio Lower Upper
69 100
41 204.0 51.4 77.0#
39 110.8 29.0 43.6#



#59
2-Hexanone
Concen: 53.233 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 43 Resp: 83643
Ion Ratio Lower Upper
43 100
58 3.8 26.3 78.8#

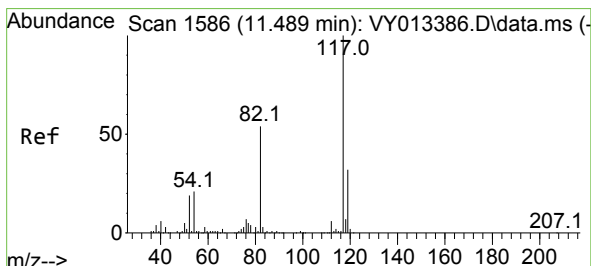
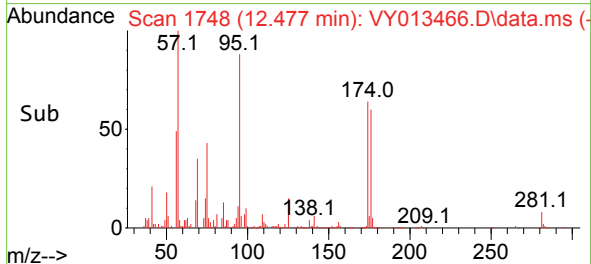
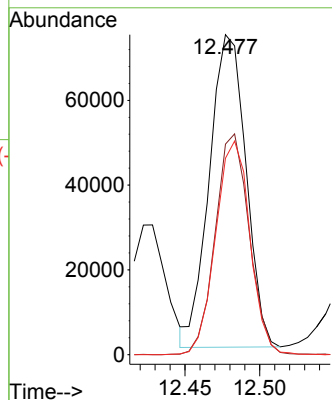
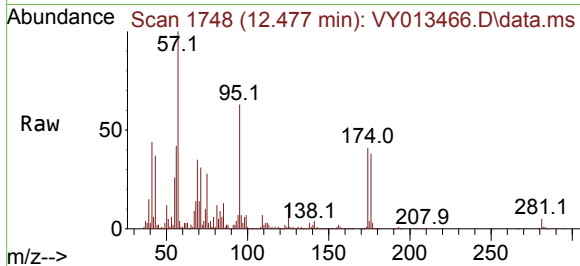




#62
4-Bromofluorobenzene
Concen: 56.722 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

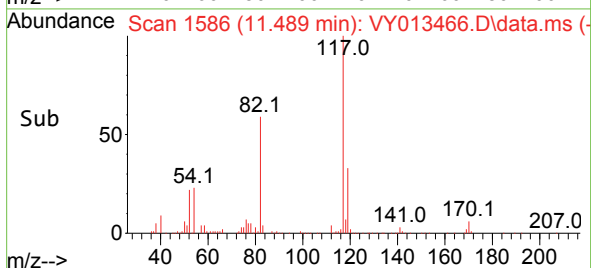
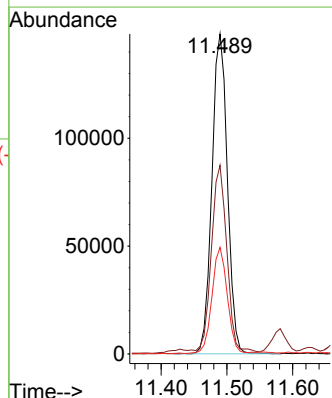
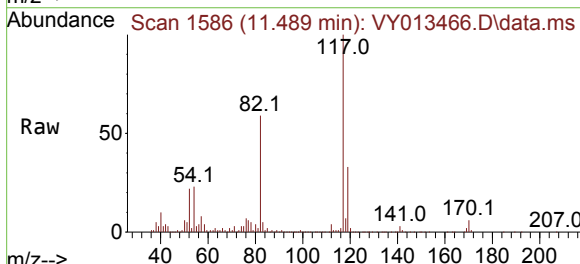
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

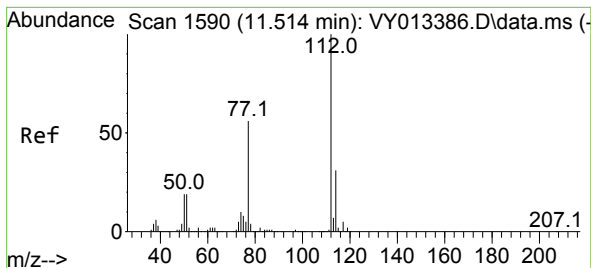
Tgt Ion: 95 Resp: 125171
Ion Ratio Lower Upper
95 100
174 66.0 0.0 182.0
176 64.4 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 117 Resp: 242629
Ion Ratio Lower Upper
117 100
82 57.5 43.0 64.6
119 33.0 25.5 38.3





#65

Chlorobenzene

Concen: 30.775 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

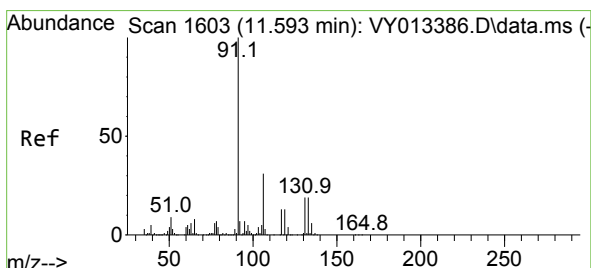
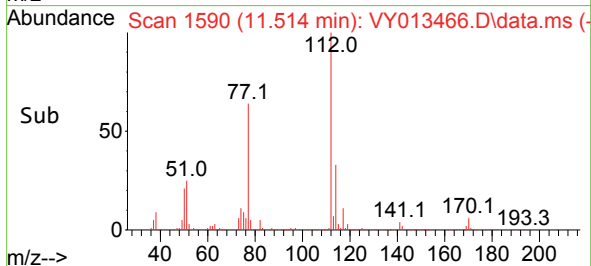
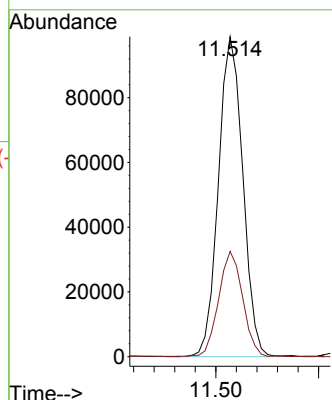
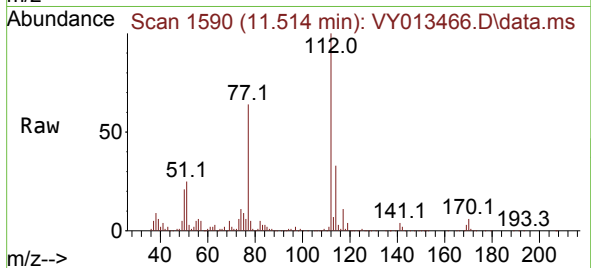
SPA-2WC-23-04

Tgt Ion:112 Resp: 162656

Ion Ratio Lower Upper

112 100

114 32.8 24.9 37.3



#67

Ethyl Benzene

Concen: 49.705 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013466.D

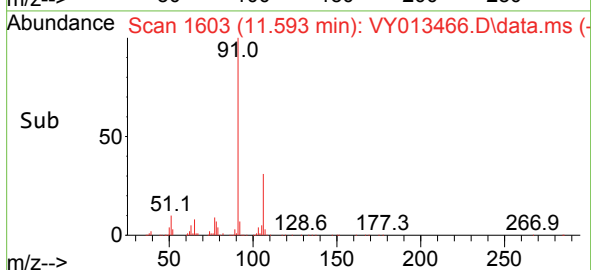
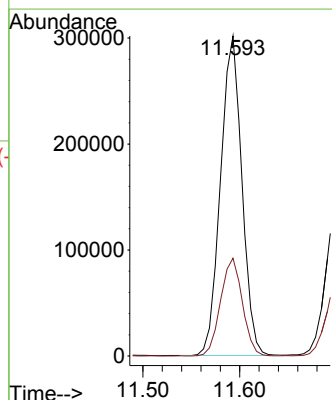
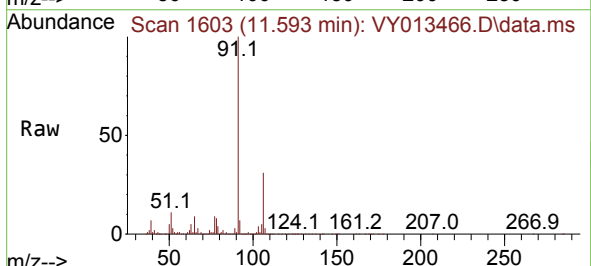
Acq: 26 Apr 2023 12:22

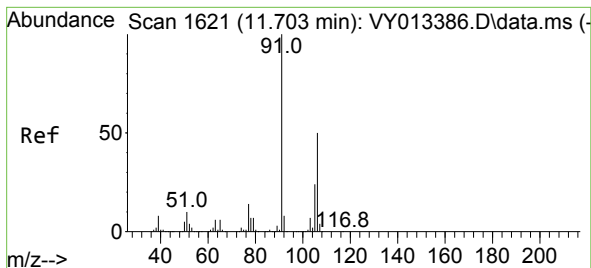
Tgt Ion: 91 Resp: 461321

Ion Ratio Lower Upper

91 100

106 30.6 25.1 37.7

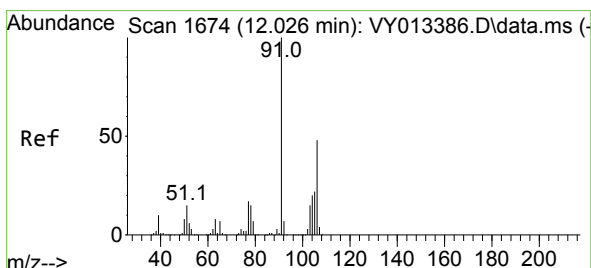
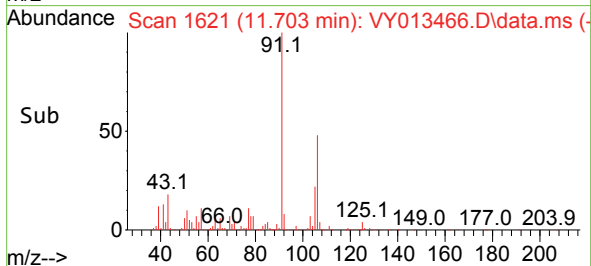
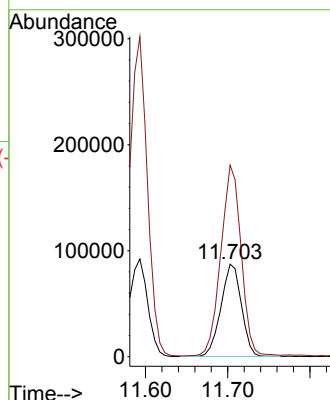
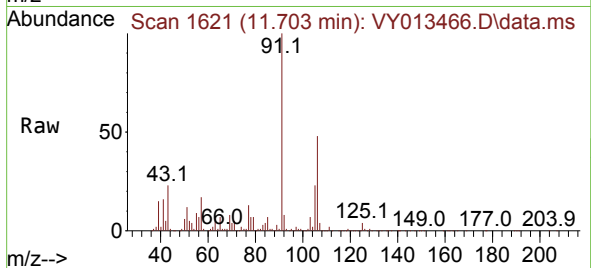




#68
m/p-Xylenes
Concen: 42.746 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

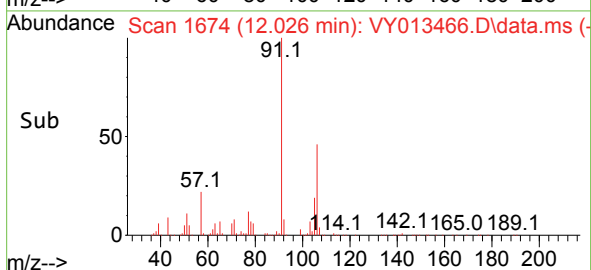
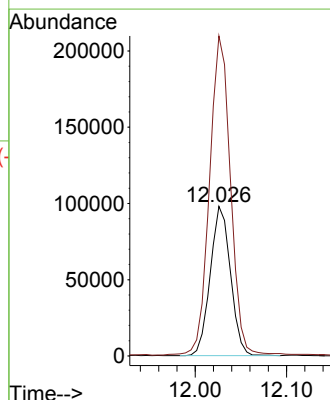
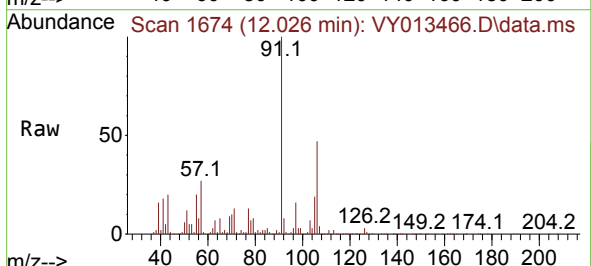
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

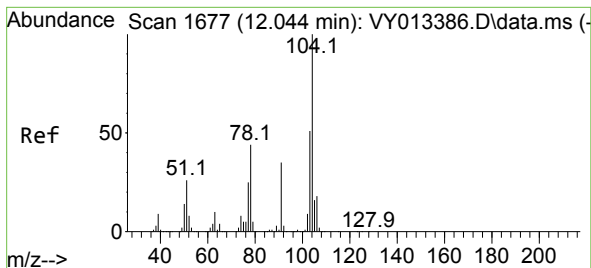
Tgt Ion:106 Resp: 150818
Ion Ratio Lower Upper
106 100
91 204.3 160.9 241.3



#69
o-Xylene
Concen: 45.132 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion:106 Resp: 150597
Ion Ratio Lower Upper
106 100
91 222.3 105.5 316.4





#70

Styrene

Concen: 1.858 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

SPA-2WC-23-04

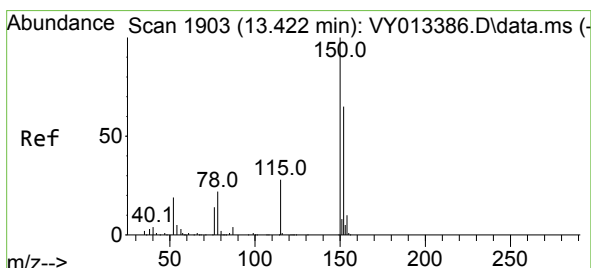
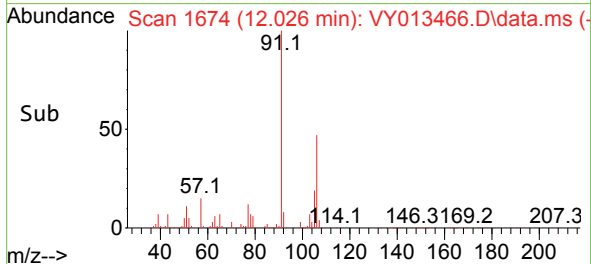
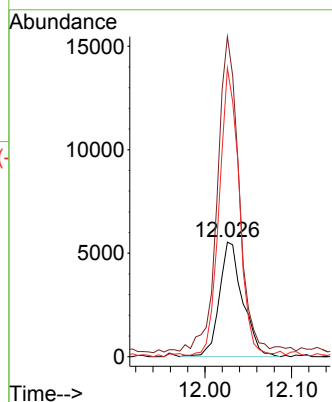
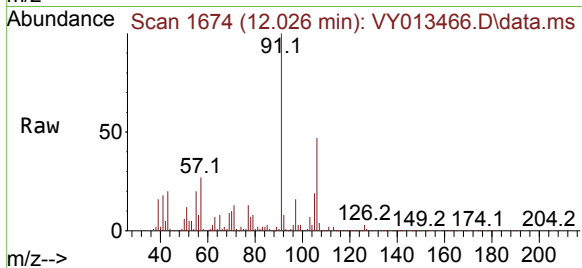
Tgt Ion:104 Resp: 10369

Ion Ratio Lower Upper

104 100

78 259.7 40.3 60.5#

103 214.1 45.0 67.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

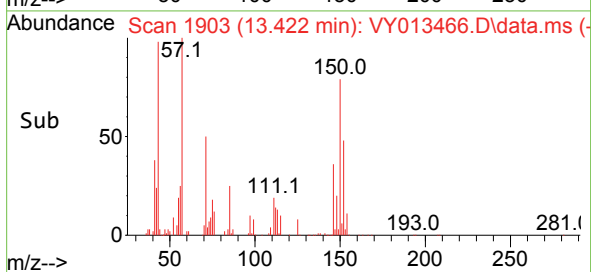
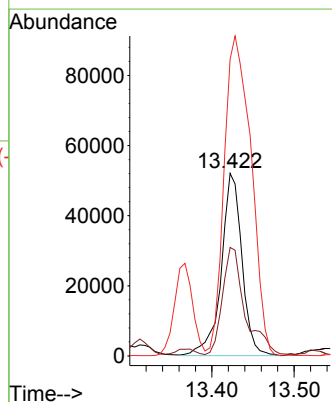
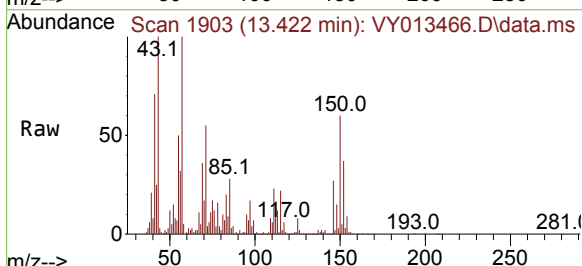
Tgt Ion:152 Resp: 91104

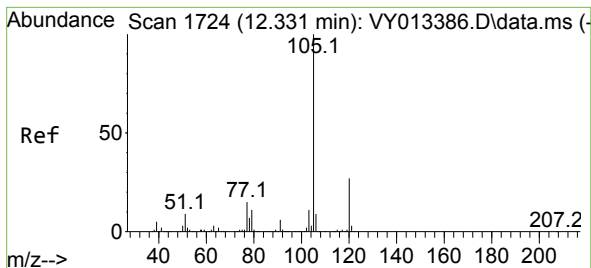
Ion Ratio Lower Upper

152 100

115 63.0 28.1 84.2

150 227.6 0.0 352.0





#73

Isopropylbenzene

Concen: 15.281 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

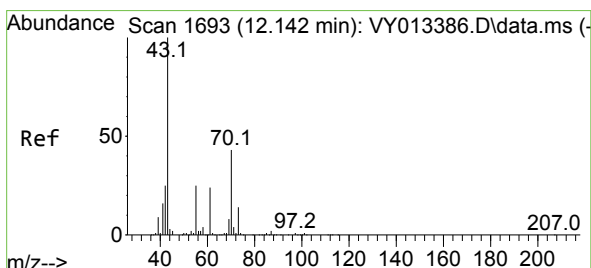
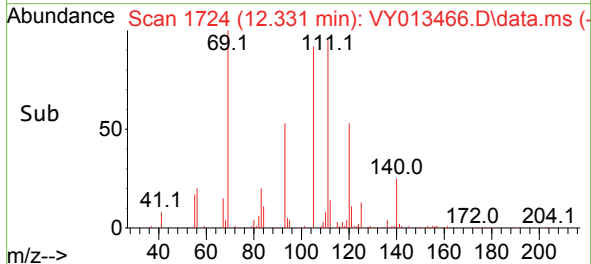
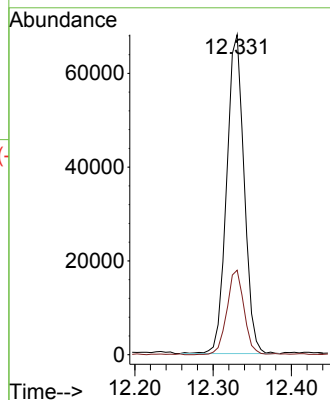
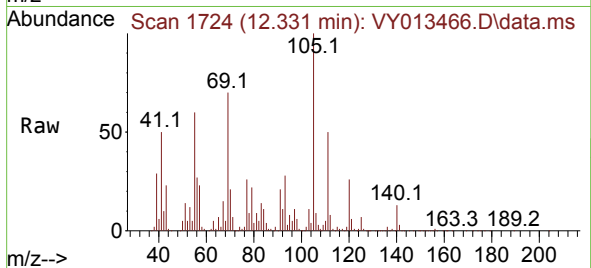
SPA-2WC-23-04

Tgt Ion:105 Resp: 105299

Ion Ratio Lower Upper

105 100

120 26.1 13.7 41.0



#74

N-ethyl acetate

Concen: 100.974 ug/l

RT: 12.123 min Scan# 1690

Delta R.T. -0.019 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Tgt Ion: 43 Resp: 247603

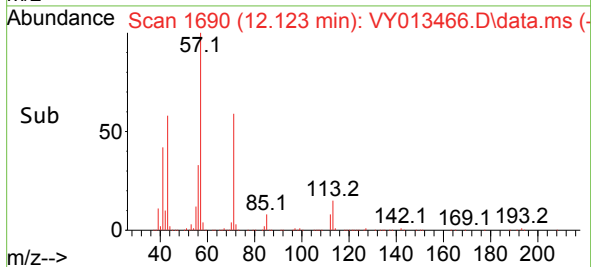
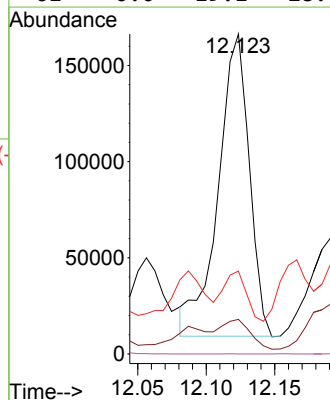
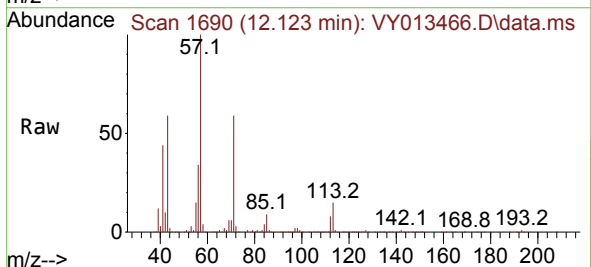
Ion Ratio Lower Upper

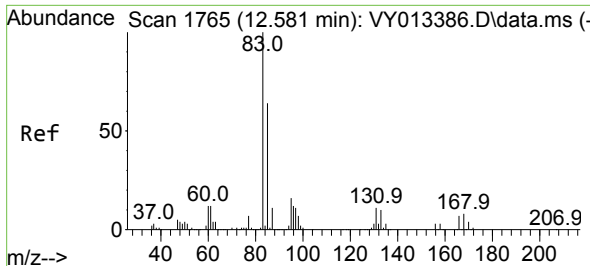
43 100

70 8.9 33.0 49.4#

55 12.2 19.8 29.6#

61 0.0 19.1 28.7#

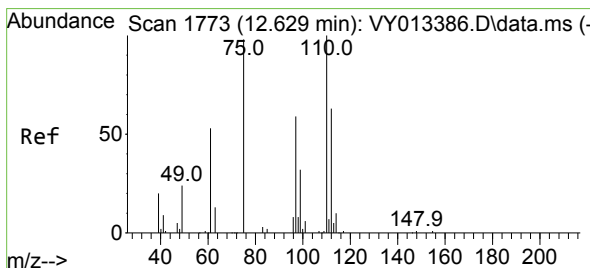
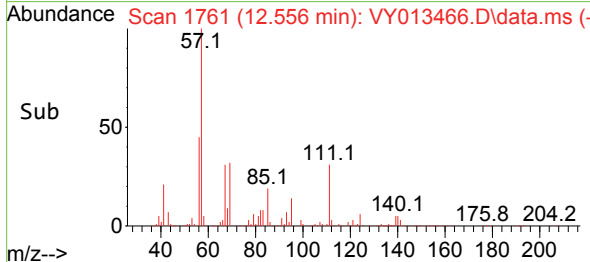
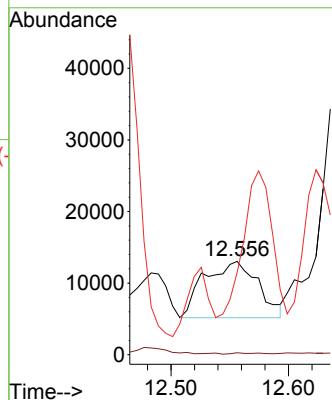
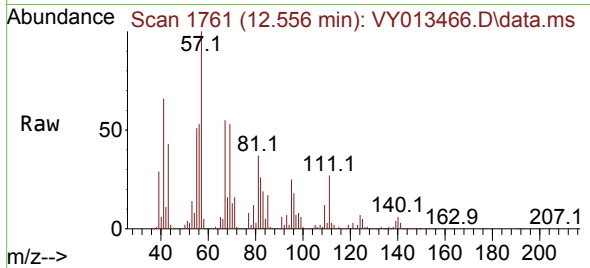




#75
 1,1,2,2-Tetrachloroethane
 Concen: 14.865 ug/l
 RT: 12.556 min Scan# 1761
 Delta R.T. -0.025 min
 Lab File: VY013466.D
 Acq: 26 Apr 2023 12:22

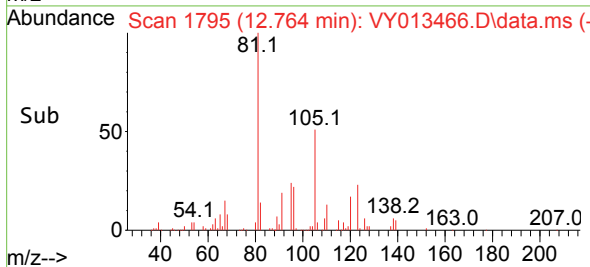
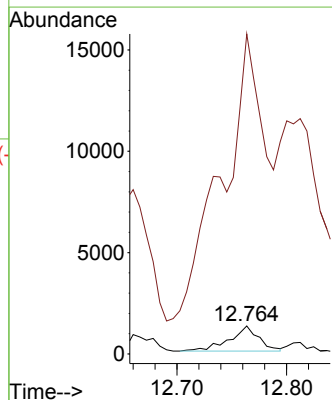
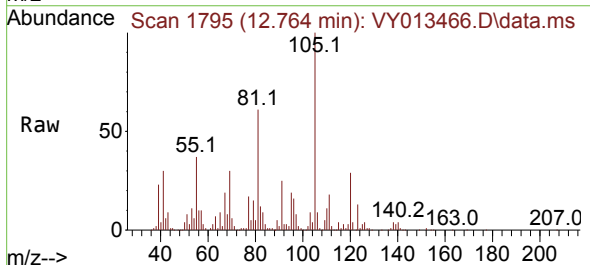
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPA-2WC-23-04

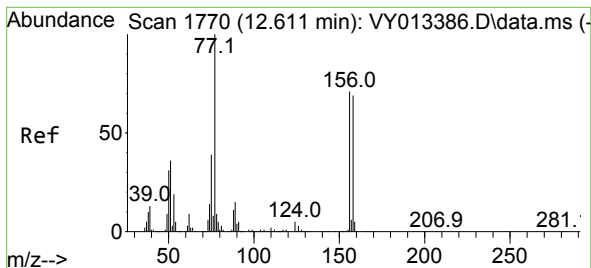
Tgt Ion: 83 Resp: 25037
 Ion Ratio Lower Upper
 83 100
 131 1.1 5.7 17.0#
 85 137.3 31.8 95.4#



#76
 1,2,3-Trichloropropane
 Concen: 1.869 ug/l
 RT: 12.764 min Scan# 1795
 Delta R.T. 0.135 min
 Lab File: VY013466.D
 Acq: 26 Apr 2023 12:22

Tgt Ion: 75 Resp: 2296
 Ion Ratio Lower Upper
 75 100
 77 1681.1 0.0 0.0#





#77

Bromobenzene

Concen: 11.040 ug/l

RT: 12.416 min Scan# 1770

Delta R.T. -0.195 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

SPA-2WC-23-04

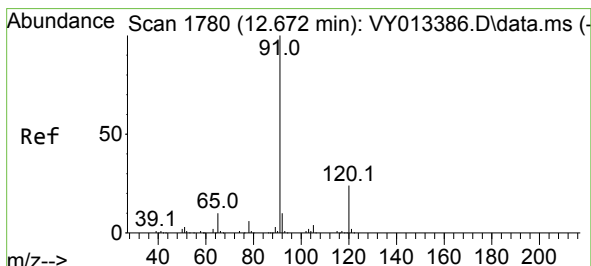
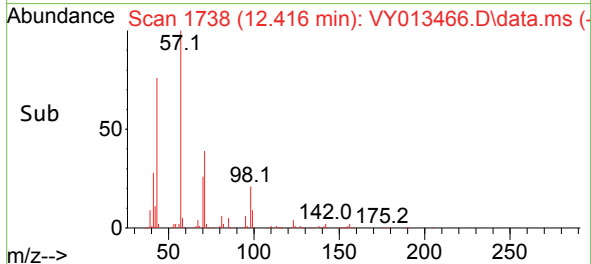
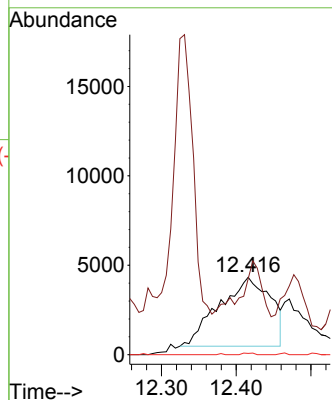
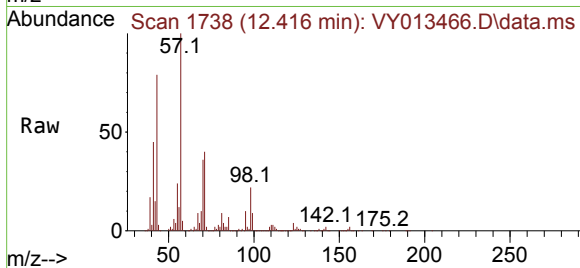
Tgt Ion:156 Resp: 18433

Ion Ratio Lower Upper

156 100

77 31.6 87.6 262.9#

158 0.5 48.5 145.5#



#78

n-propylbenzene

Concen: 22.520 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013466.D

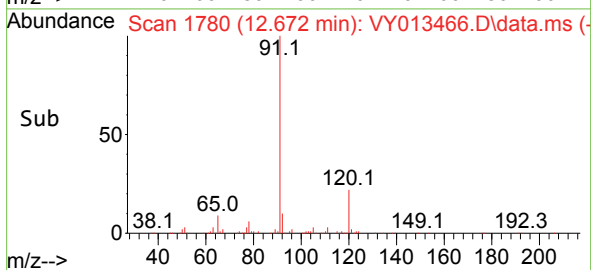
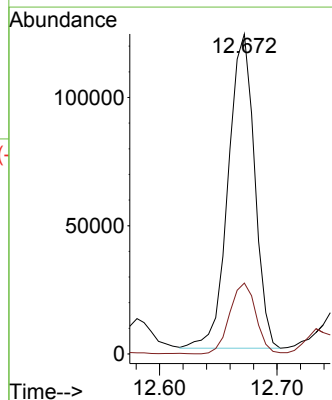
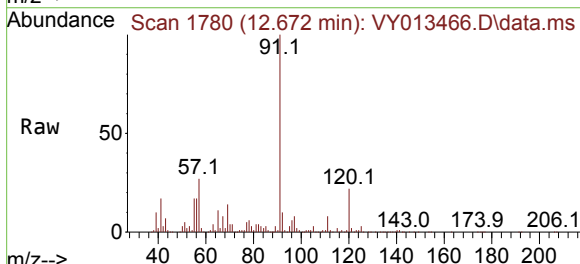
Acq: 26 Apr 2023 12:22

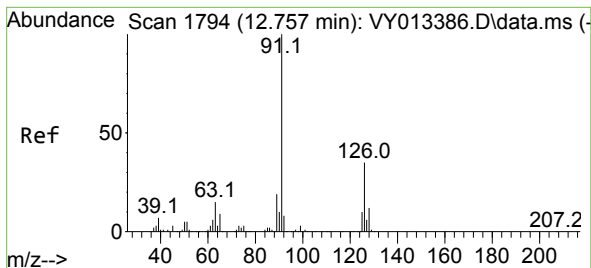
Tgt Ion: 91 Resp: 191139

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.9

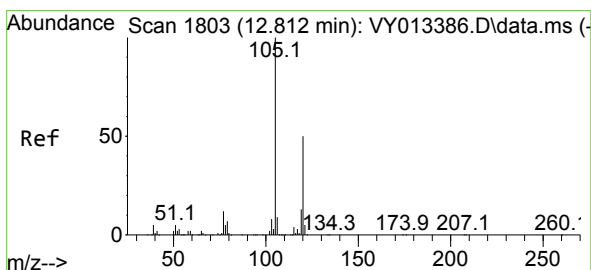
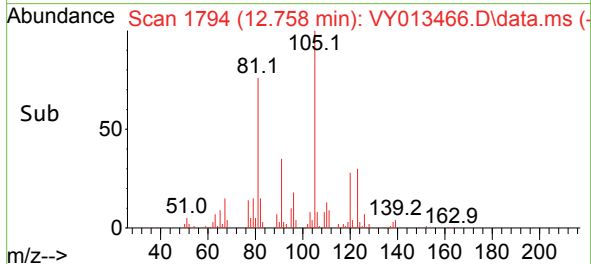
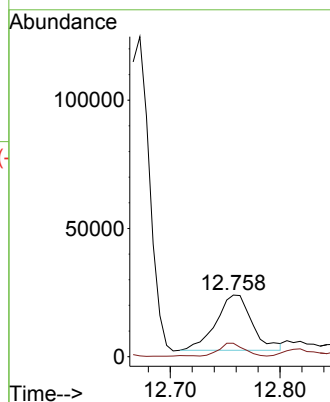
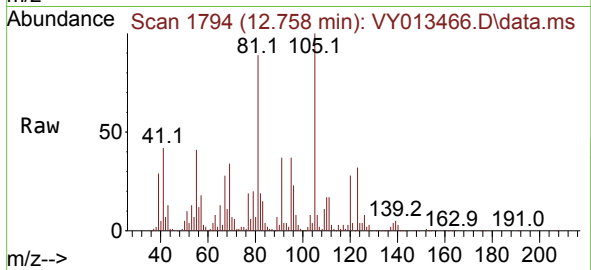




#79
2-Chlorotoluene
Concen: 10.415 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

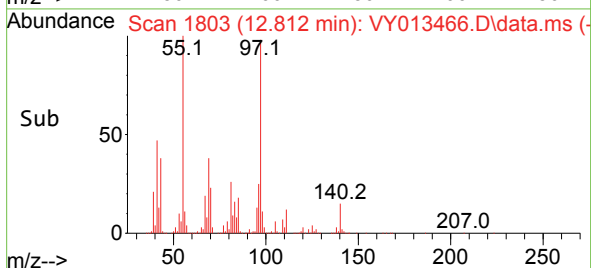
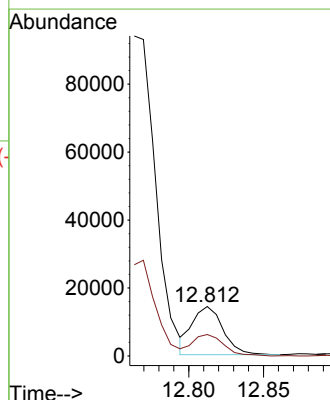
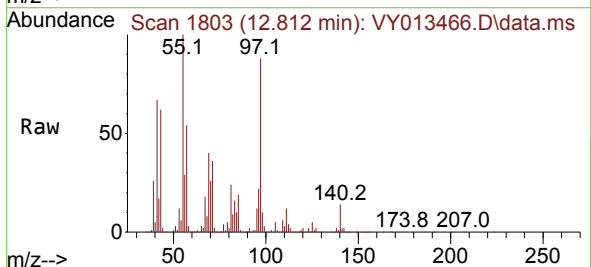
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

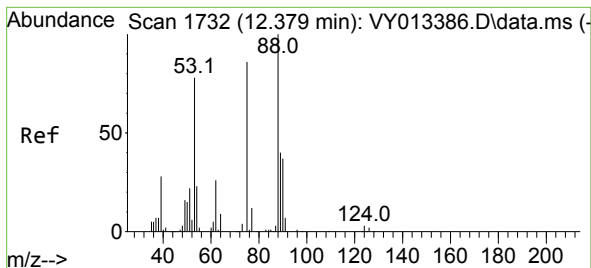
Tgt Ion: 91 Resp: 49362
Ion Ratio Lower Upper
91 100
126 15.7 17.8 53.4#



#80
1,3,5-Trimethylbenzene
Concen: 3.607 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 105 Resp: 20287
Ion Ratio Lower Upper
105 100
120 45.7 24.7 74.1

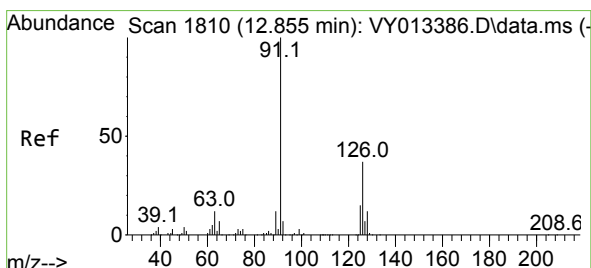
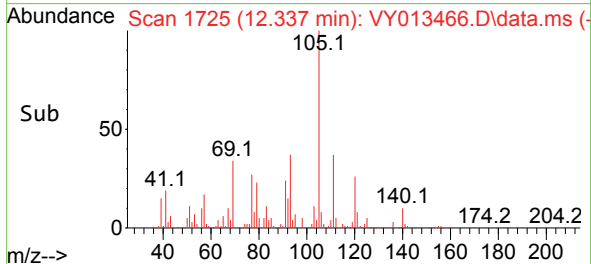
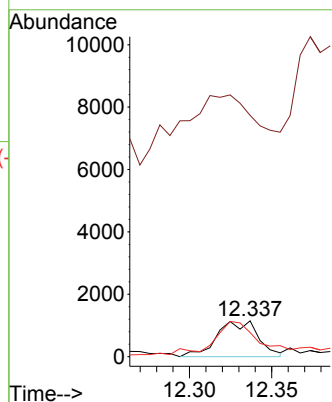
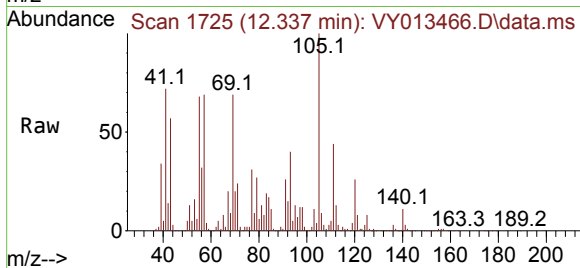




#81
trans-1,4-Dichloro-2-butene
Concen: 3.336 ug/l
RT: 12.337 min Scan# 1794
Delta R.T. -0.042 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

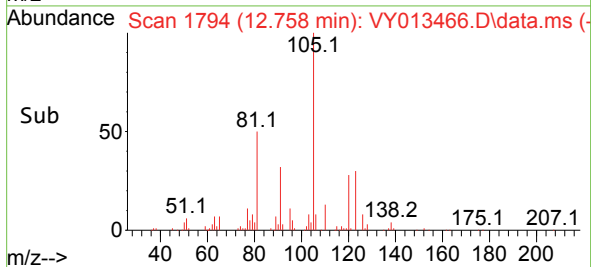
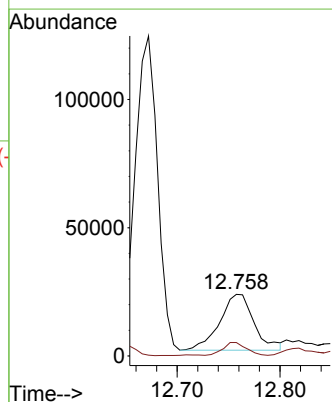
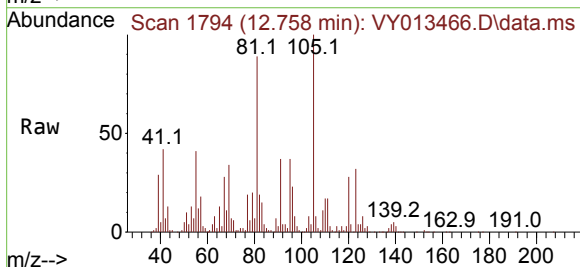
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

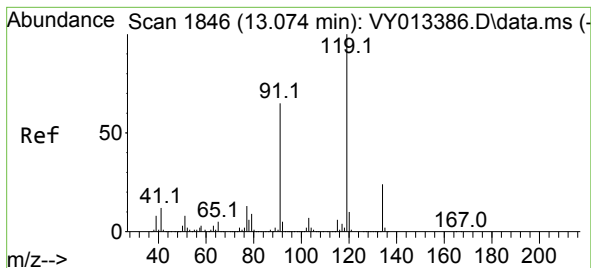
Tgt Ion: 75 Resp: 2004
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 100.3 38.0 57.0#



#82
4-Chlorotoluene
Concen: 10.291 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.098 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 91 Resp: 50839
Ion Ratio Lower Upper
91 100
126 15.2 17.9 53.8#





#83

tert-Butylbenzene

Concen: 16.312 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

SPA-2WC-23-04

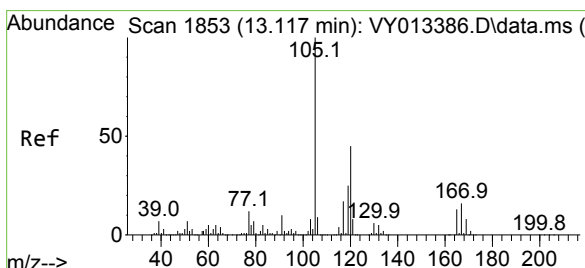
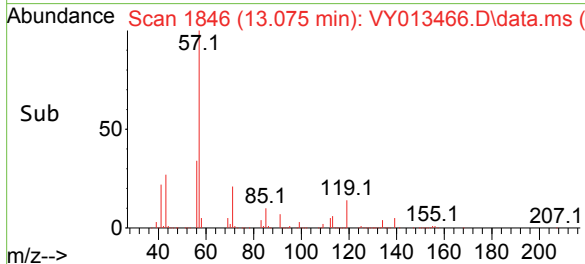
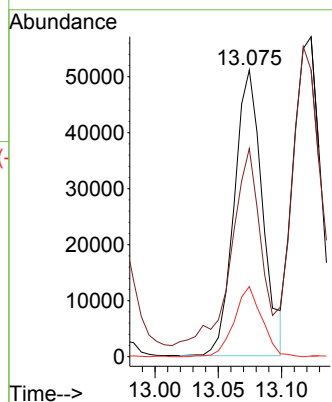
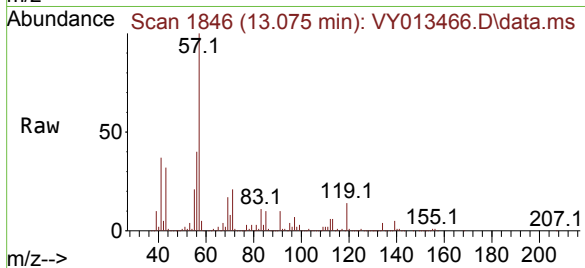
Tgt Ion:119 Resp: 79485

Ion Ratio Lower Upper

119 100

91 70.0 32.2 96.6

134 24.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 132.558 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013466.D

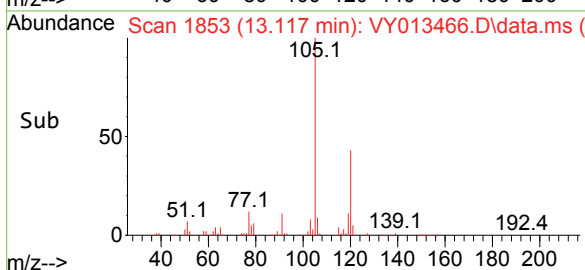
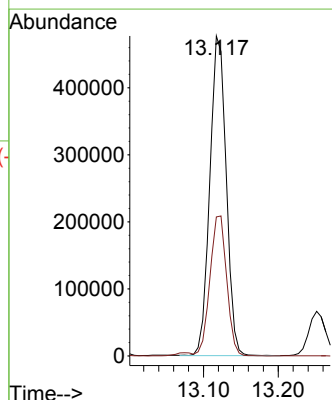
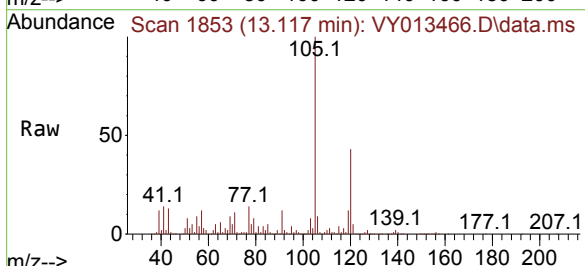
Acq: 26 Apr 2023 12:22

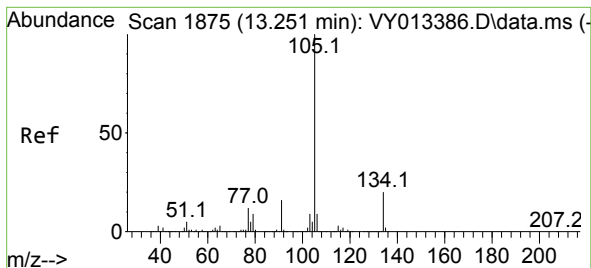
Tgt Ion:105 Resp: 724839

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 13.985 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

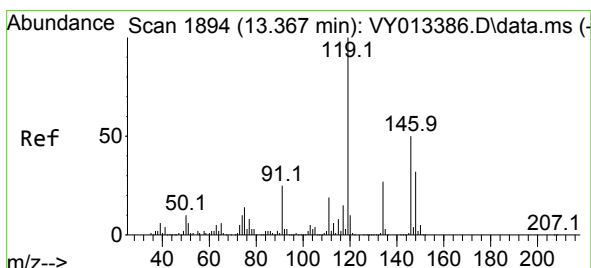
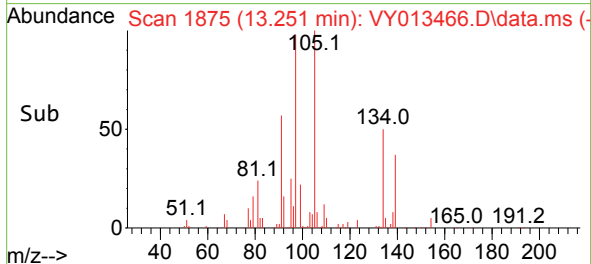
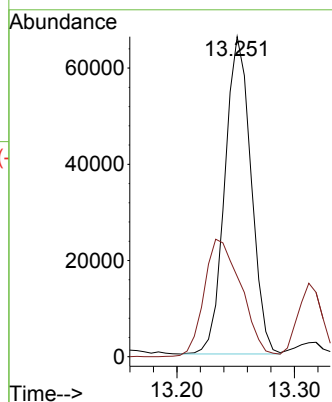
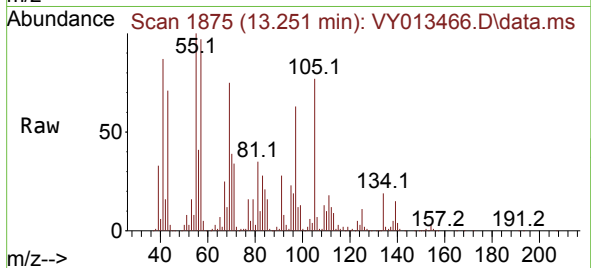
SPA-2WC-23-04

Tgt Ion:105 Resp: 102268

Ion Ratio Lower Upper

105 100

134 52.5 10.3 30.9#



#86

p-Isopropyltoluene

Concen: 6.463 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

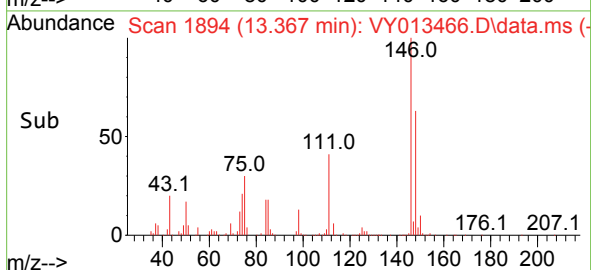
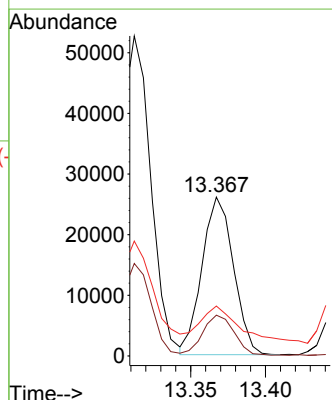
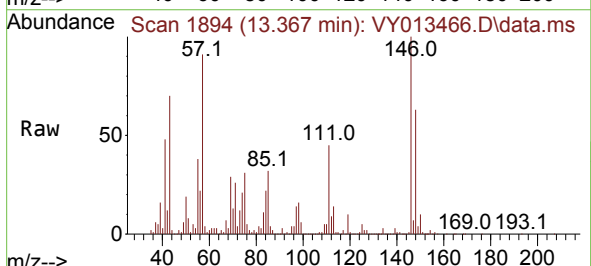
Tgt Ion:119 Resp: 38009

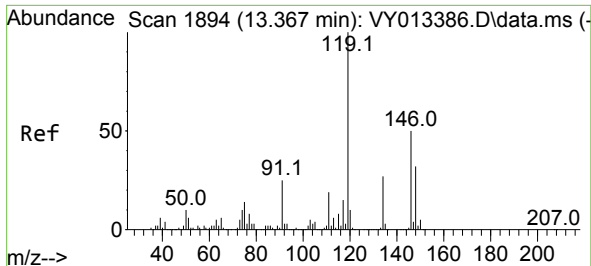
Ion Ratio Lower Upper

119 100

134 25.5 13.4 40.2

91 25.2 12.1 36.3

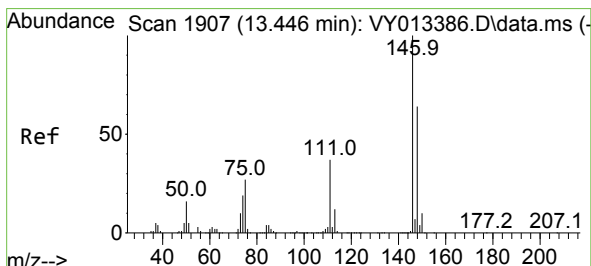
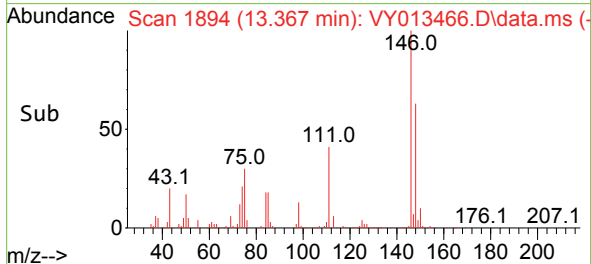
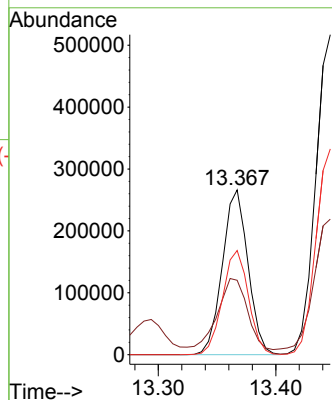
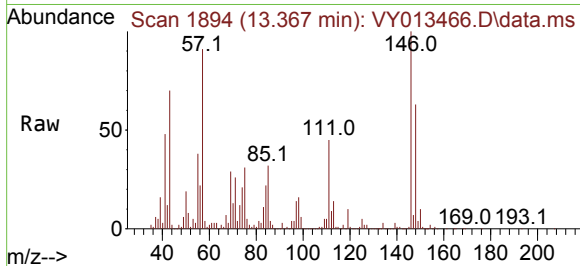




#87
1,3-Dichlorobenzene
Concen: 126.824 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

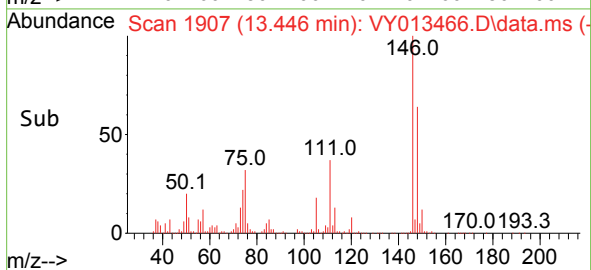
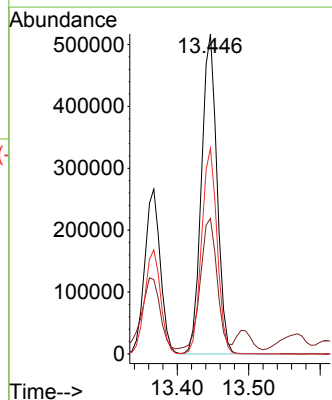
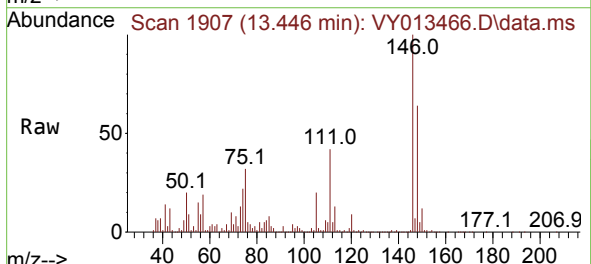
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

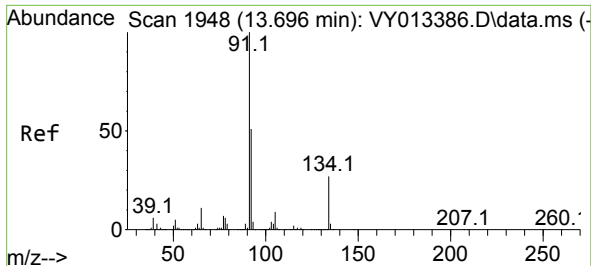
Tgt Ion:146 Resp: 403425
Ion Ratio Lower Upper
146 100
111 49.3 19.3 57.9
148 64.1 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 241.793 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion:146 Resp: 776953
Ion Ratio Lower Upper
146 100
111 43.4 18.9 56.5
148 64.4 31.9 95.5

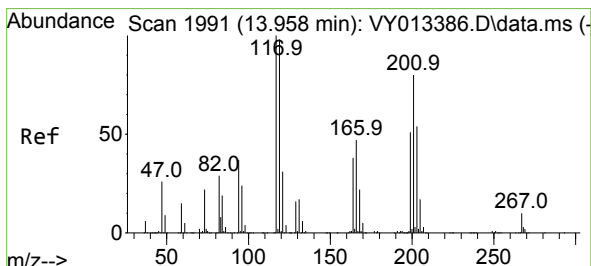
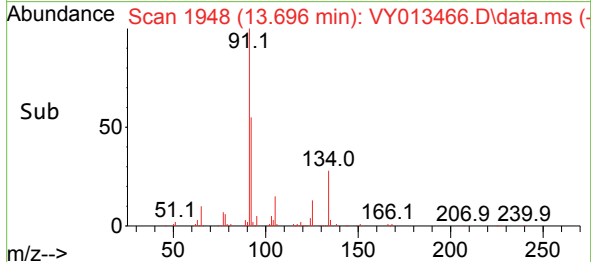
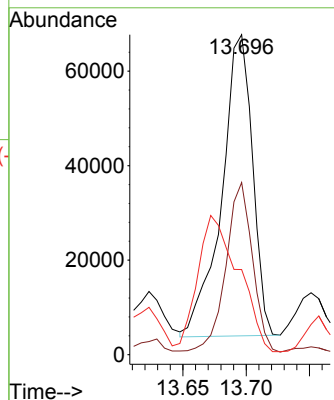
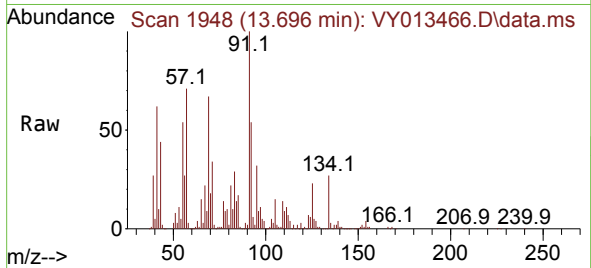




#89
n-Butylbenzene
Concen: 18.860 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

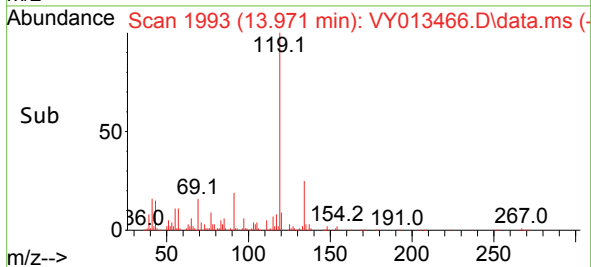
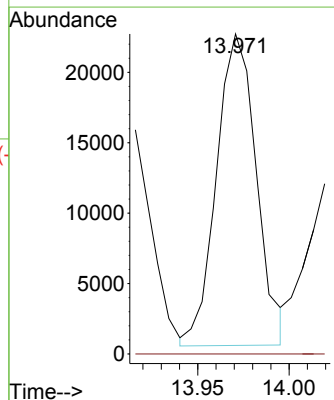
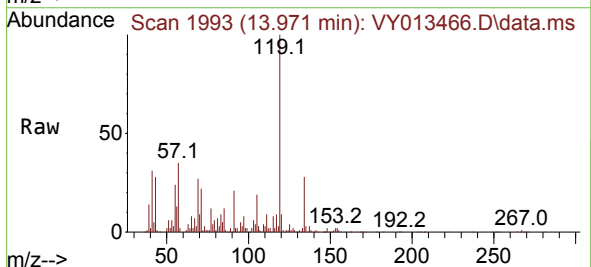
Instrument :
MSVOA_Y
ClientSampleId :
SPA-2WC-23-04

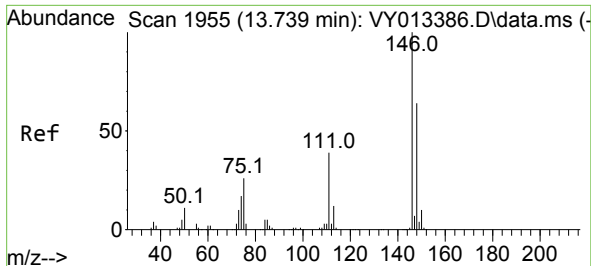
Tgt Ion: 91 Resp: 108250
Ion Ratio Lower Upper
91 100
92 48.6 25.8 77.3
134 0.0 13.5 40.4#



#90
Hexachloroethane
Concen: 27.152 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.013 min
Lab File: VY013466.D
Acq: 26 Apr 2023 12:22

Tgt Ion: 117 Resp: 33607
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#





#91

1,2-Dichlorobenzene

Concen: 184.485 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

SPA-2WC-23-04

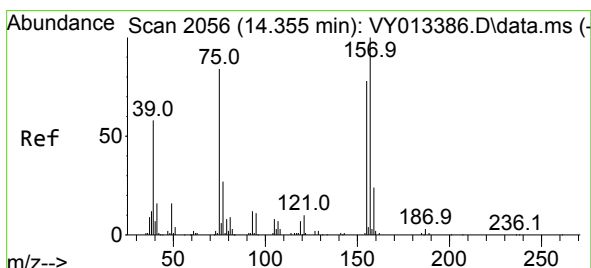
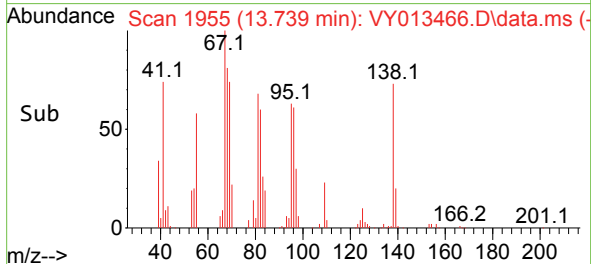
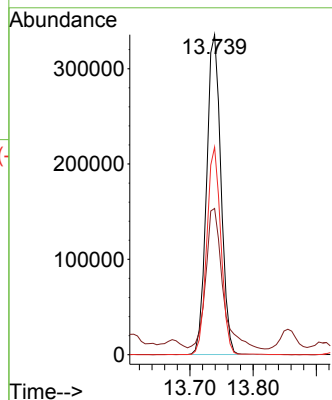
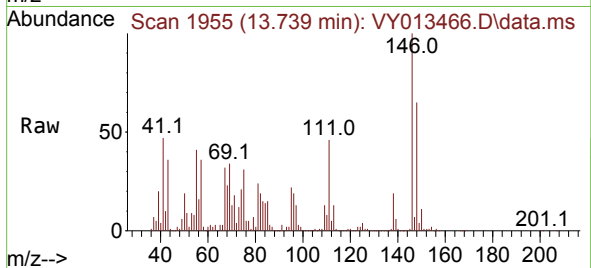
Tgt Ion:146 Resp: 529939

Ion Ratio Lower Upper

146 100

111 52.8 19.8 59.4

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.217 ug/l

RT: 14.379 min Scan# 2060

Delta R.T. 0.024 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

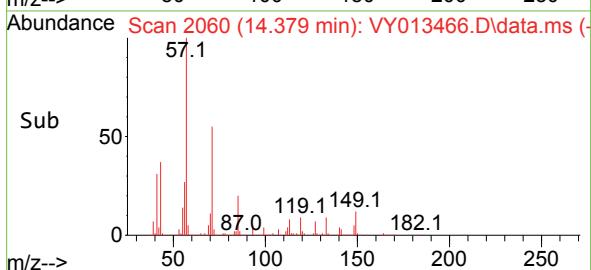
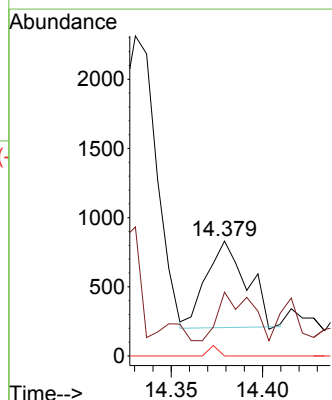
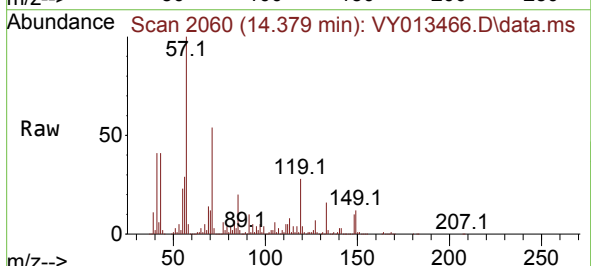
Tgt Ion: 75 Resp: 957

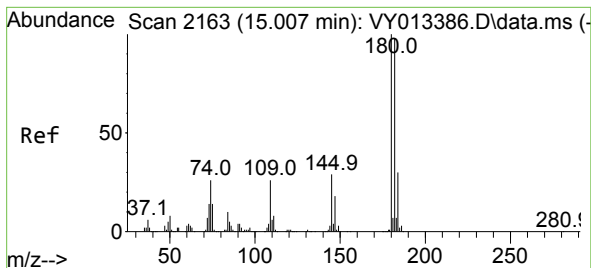
Ion Ratio Lower Upper

75 100

155 46.2 44.6 134.0

157 2.8 57.6 172.7#





#93

1,2,4-Trichlorobenzene

Concen: 81.333 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

SPA-2WC-23-04

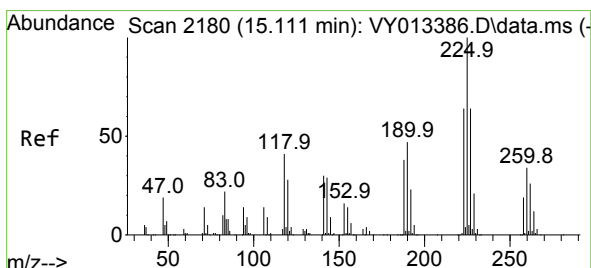
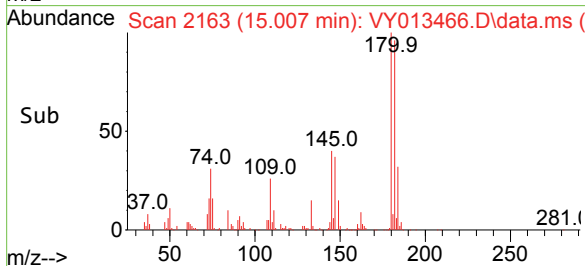
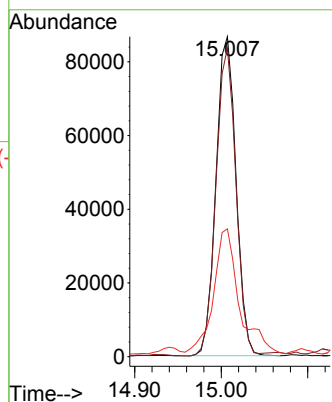
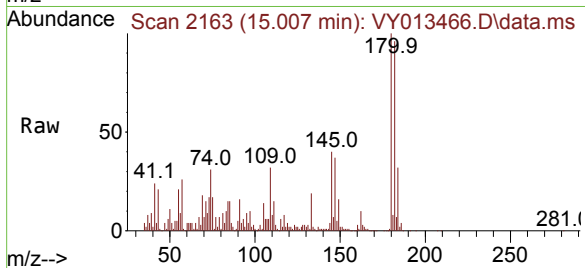
Tgt Ion:180 Resp: 139292

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.5

145 53.3 15.0 45.0#



#94

Hexachlorobutadiene

Concen: 3.836 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

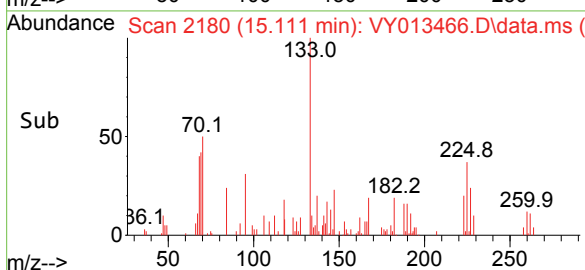
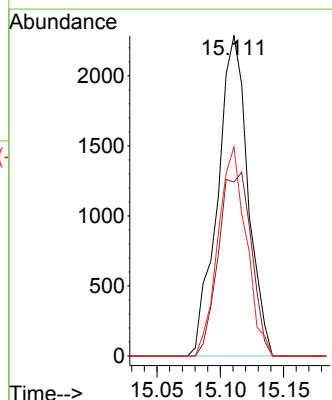
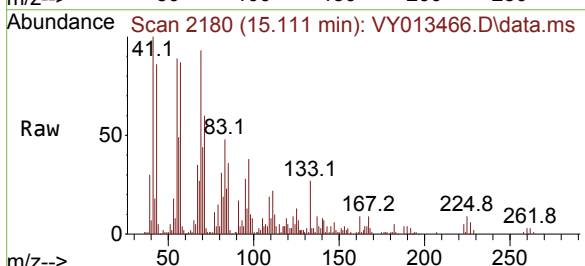
Tgt Ion:225 Resp: 3823

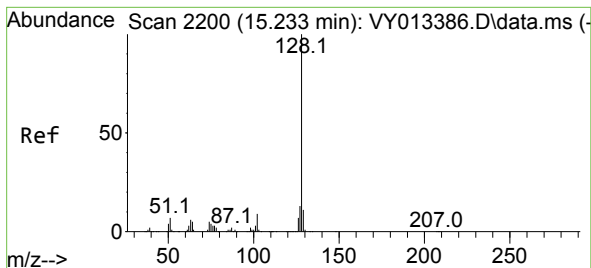
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.2

227 60.4 32.0 96.0





#95

Naphthalene

Concen: 19.265 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

SPA-2WC-23-04

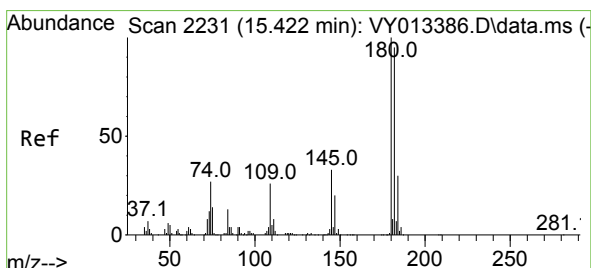
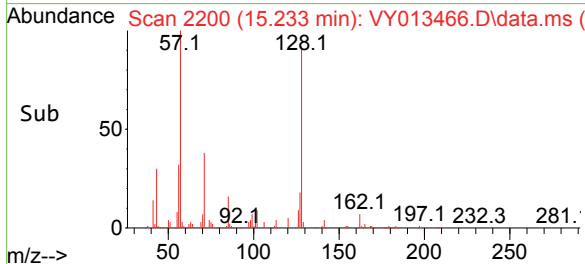
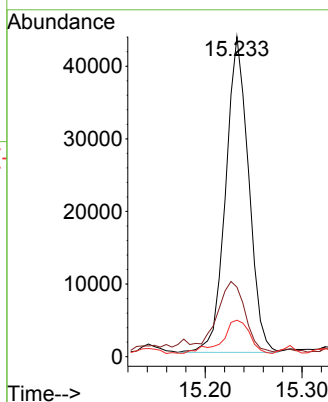
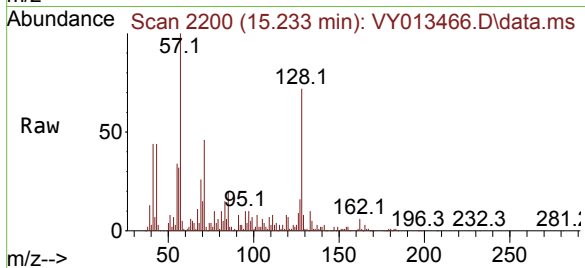
Tgt Ion:128 Resp: 71585

Ion Ratio Lower Upper

128 100

127 26.8 10.7 16.1#

129 12.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.847 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013466.D

Acq: 26 Apr 2023 12:22

Tgt Ion:180 Resp: 28769

Ion Ratio Lower Upper

180 100

182 86.4 47.1 141.3

145 86.5 15.9 47.7#

