

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015713.D
 Acq On : 26 Sep 2023 17:09
 Operator : SY/MD
 Sample : 04614-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 01:34:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	135364	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	234631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	217978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87303	58.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.240%
35) Dibromofluoromethane	7.722	113	73615	52.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.840%
50) Toluene-d8	10.179	98	280350	58.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.760%
62) 4-Bromofluorobenzene	12.483	95	99114	53.041	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.080%
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	213	2.715	ug/l #	2
10) Methyl Iodide	4.101	142	93	2.784	ug/l #	61
11) Tert butyl alcohol	4.972	59	327	Below Cal	#	1
13) Acrolein	3.741	56	2734	11.986	ug/l	83
14) Allyl chloride	4.430	41	15486	7.112	ug/l #	29
15) Acrylonitrile	5.174	53	10966	16.240	ug/l	92
16) Acetone	3.966	43	767346	962.731	ug/l	91
20) Methylene Chloride	4.722	84	19264	6.860	ug/l	93
25) 2-Butanone	7.003	43	37127	32.955	ug/l	99
29) Tetrahydrofuran	7.368	42	740	1.162	ug/l #	80
31) Cyclohexane	7.783	56	13787	6.682	ug/l #	92
36) 1,1-Dichloropropene	7.789	75	10881	5.240	ug/l #	49
37) Ethyl Acetate	7.003	43	37127	17.926	ug/l #	77
38) Carbon Tetrachloride	7.789	117	13693	6.075	ug/l #	16
39) Methylcyclohexane	9.185	83	19559	8.516	ug/l	91
40) Benzene	8.161	78	29902	4.722	ug/l	99
48) Methyl methacrylate	9.325	41	2641	1.701	ug/l #	29
51) 4-Methyl-2-Pentanone	10.075	43	44673	20.372	ug/l	94
52) Toluene	10.246	92	530412	129.930	ug/l	95
55) 1,1,2-Trichloroethane	10.624	97	5243	3.167	ug/l #	36
59) 2-Hexanone	10.837	43	3359	1.997	ug/l	66
67) Ethyl Benzene	11.593	91	202132	24.305	ug/l	99
68) m/p-Xylenes	11.703	106	311570	98.567	ug/l	96
69) o-Xylene	12.032	106	138237	44.599	ug/l	98
70) Styrene	12.026	104	7600	1.432	ug/l #	1
73) Isopropylbenzene	12.331	105	23089	2.843	ug/l	98
74) N-amyl acetate	12.105	43	6919	2.267	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	2646	1.532	ug/l #	100
78) n-propylbenzene	12.672	91	87541	8.873	ug/l	100
79) 2-Chlorotoluene	12.733	91	36334	6.461	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	110995	16.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	52647	68.647	ug/l #	11
82) 4-Chlorotoluene	12.812	91	11751	2.002	ug/l #	40
83) tert-Butylbenzene	13.123	119	59842	10.050	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.123	105	488438	71.802	ug/l	98
85) sec-Butylbenzene	13.123	105	488438	54.812	ug/l #	56

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QLast Update : Wed Sep 20 01:39:40 2023
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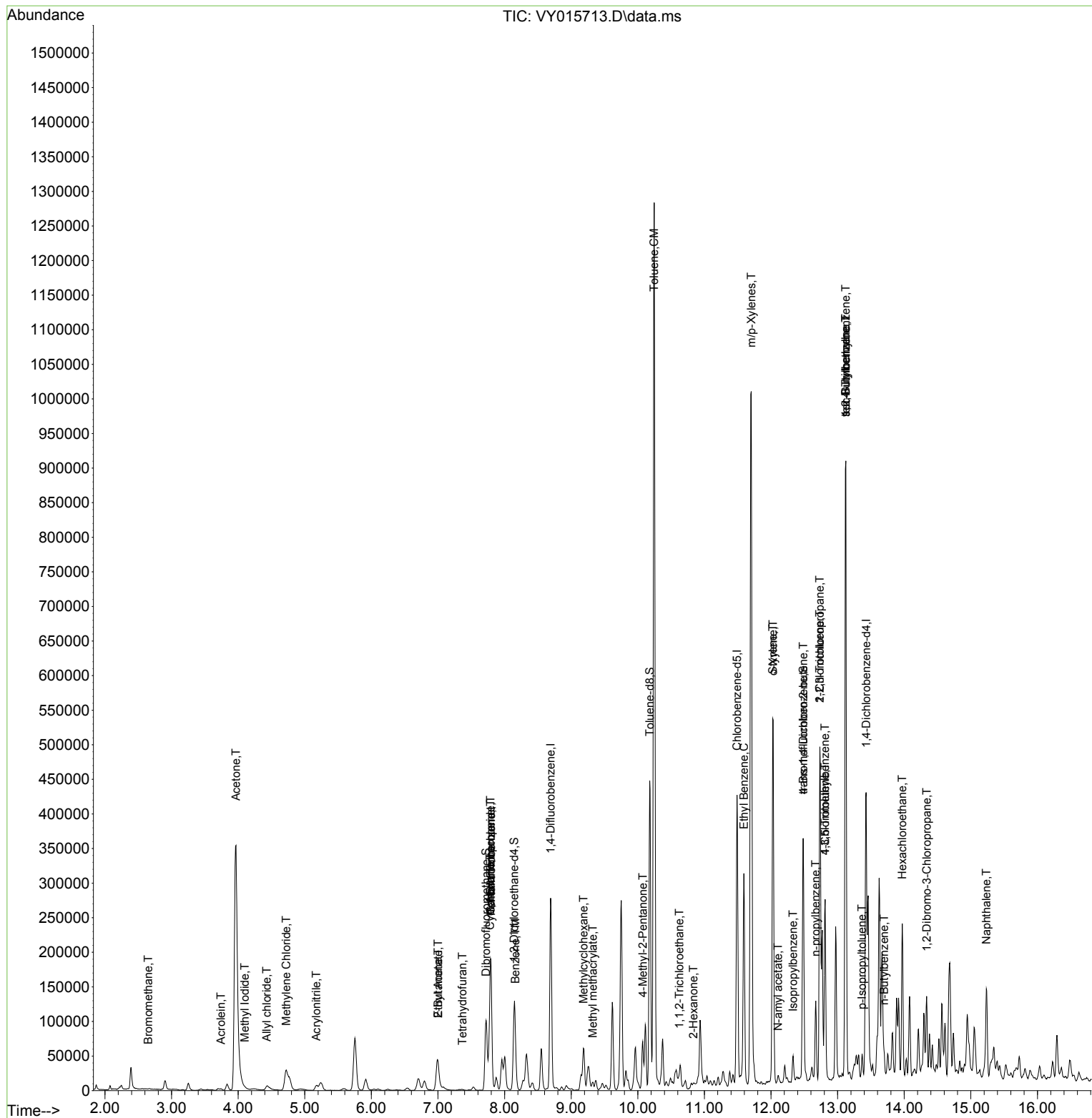
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.367	119	16920	2.273	ug/l	99
89) n-Butylbenzene	13.696	91	17506	2.484	ug/l #	69
90) Hexachloroethane	13.971	117	9695	6.749	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.337	75	539	1.201	ug/l #	14
95) Naphthalene	15.233	128	97634	16.292	ug/l	100

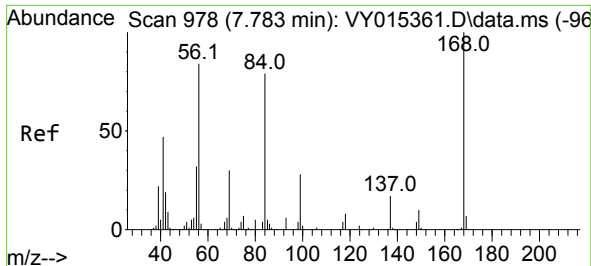
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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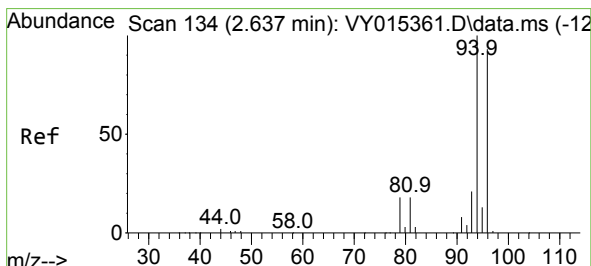
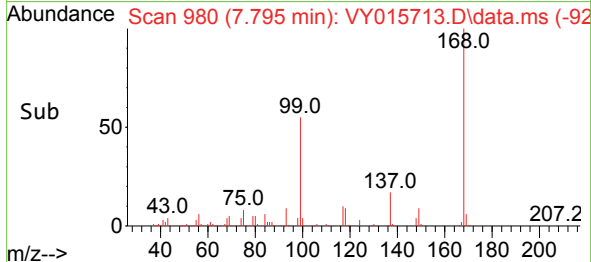
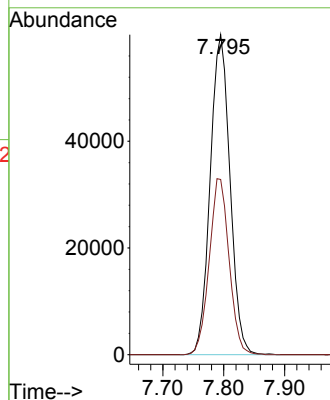
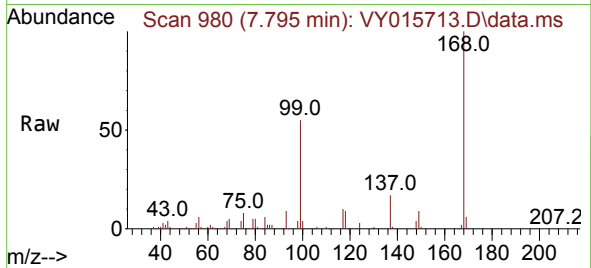




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

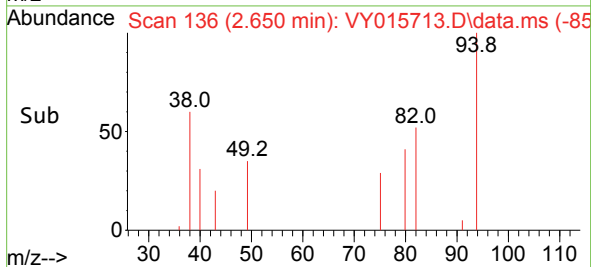
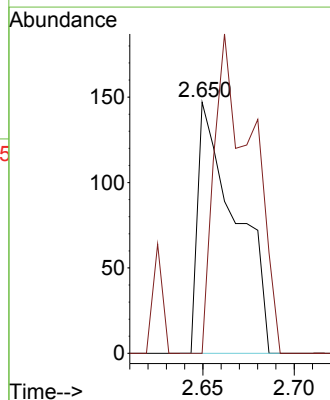
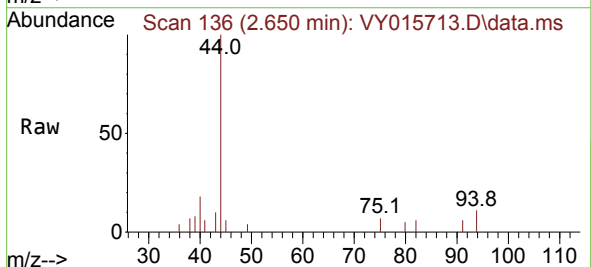
Instrument :
MSVOA_Y
ClientSampleId :

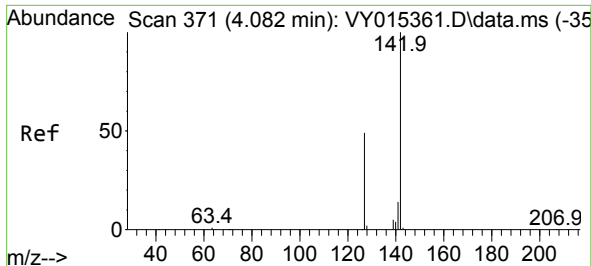
Tgt Ion:168 Resp: 135364
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#5
Bromomethane
Concen: 2.715 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

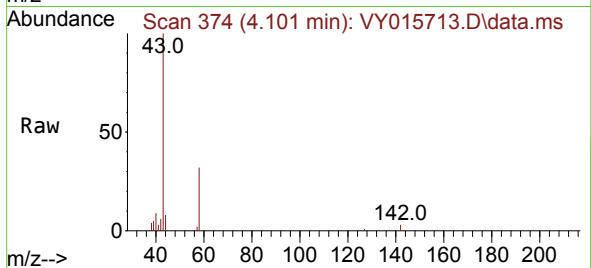
Tgt Ion: 94 Resp: 213
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#



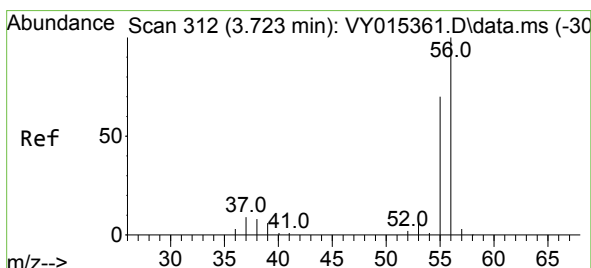
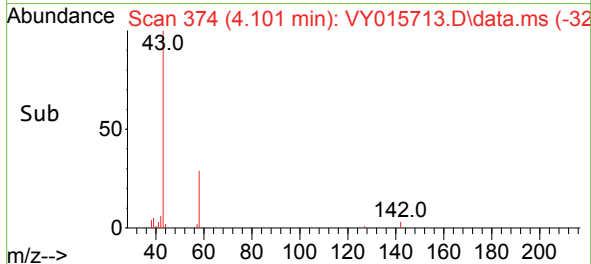
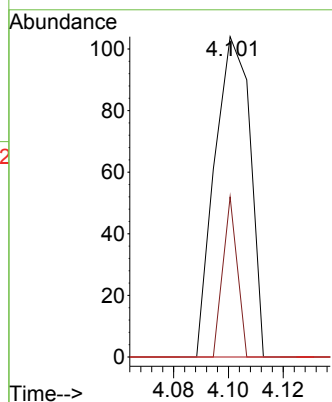


#10
Methyl Iodide
Concen: 2.784 ug/l
RT: 4.101 min Scan# 311
Delta R.T. 0.019 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :

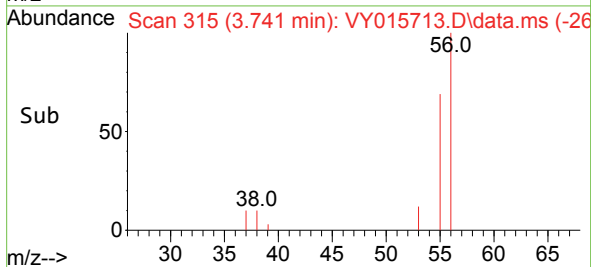
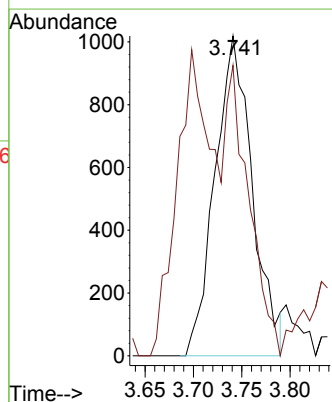
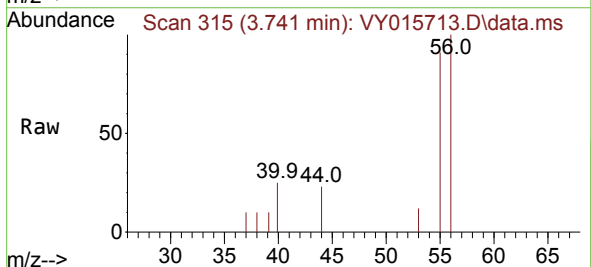


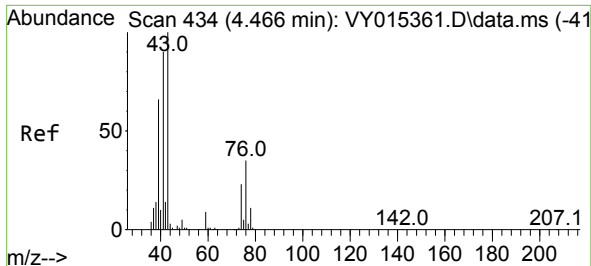
Tgt Ion:142 Resp: 93
Ion Ratio Lower Upper
142 100
127 20.4 37.6 56.4#
141 0.0 11.8 17.8#



#13
Acrolein
Concen: 11.986 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

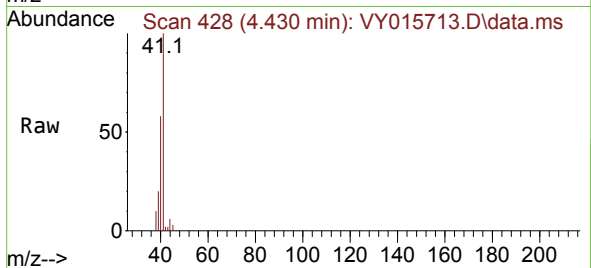
Tgt Ion: 56 Resp: 2734
Ion Ratio Lower Upper
56 100
55 57.2 57.0 85.4



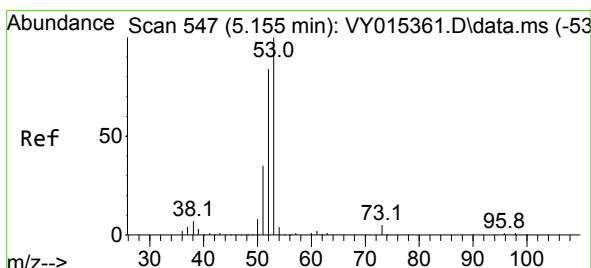
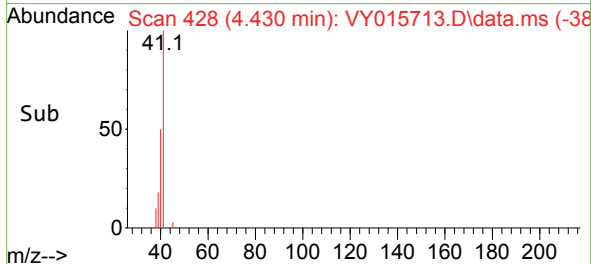
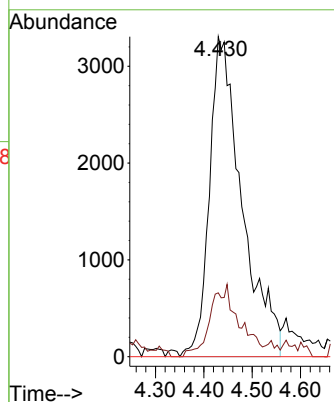


#14
 Allyl chloride
 Concen: 7.112 ug/l
 RT: 4.430 min Scan# 41
 Delta R.T. -0.042 min
 Lab File: VY015713.D
 Acq: 26 Sep 2023 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :

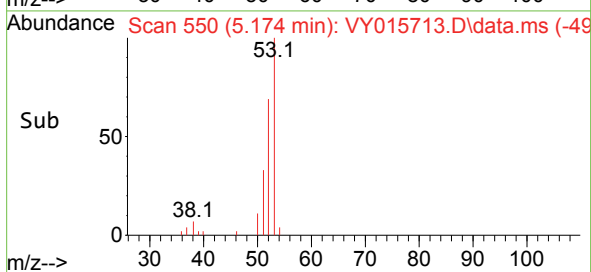
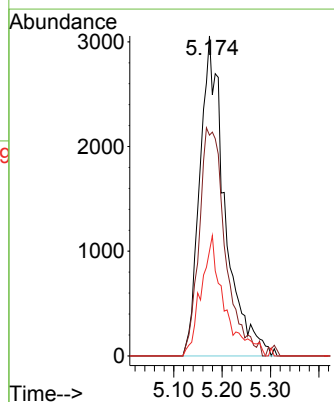
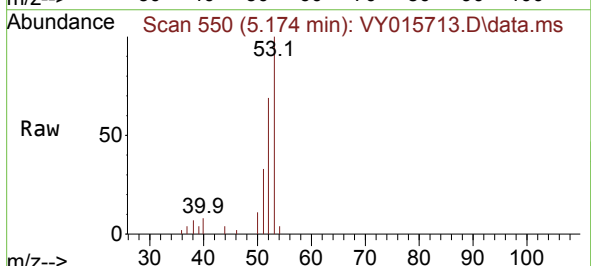


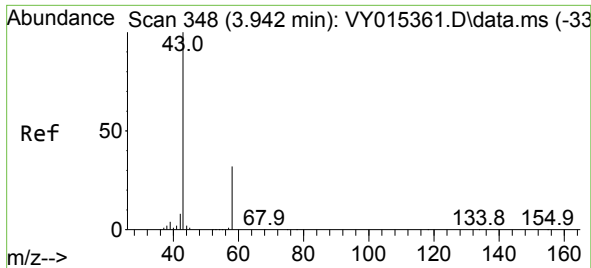
Tgt Ion: 41 Resp: 15486
 Ion Ratio Lower Upper
 41 100
 39 8.7 58.0 87.0#
 76 0.0 27.4 41.2#



#15
 Acrylonitrile
 Concen: 16.240 ug/l
 RT: 5.174 min Scan# 550
 Delta R.T. 0.013 min
 Lab File: VY015713.D
 Acq: 26 Sep 2023 17:09

Tgt Ion: 53 Resp: 10966
 Ion Ratio Lower Upper
 53 100
 52 74.5 66.9 100.3
 51 35.3 29.8 44.6

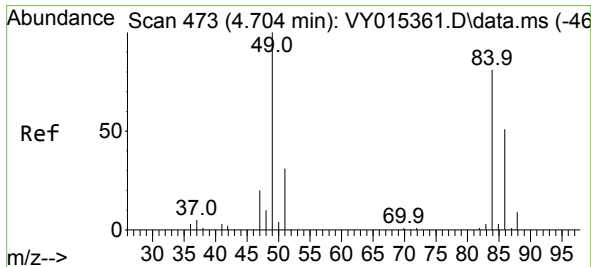
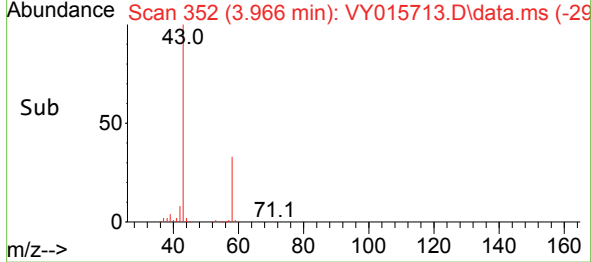
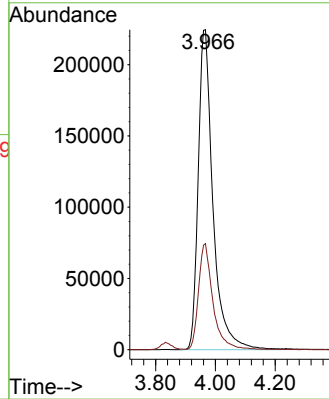
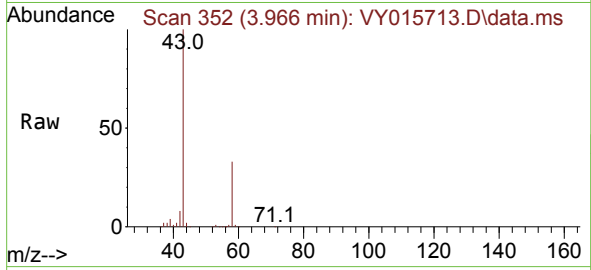




#16
Acetone
Concen: 962.731 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

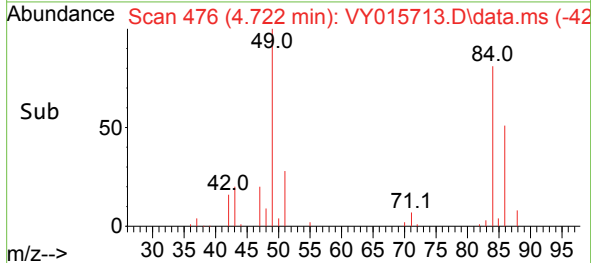
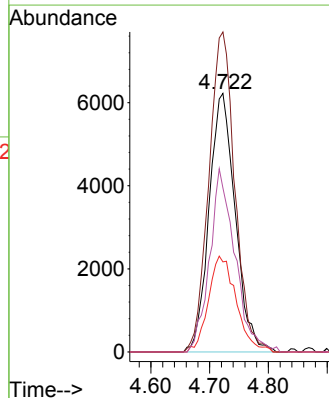
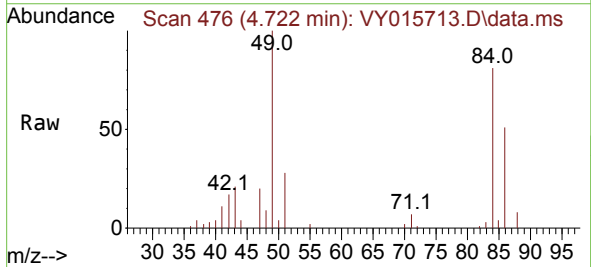
Instrument :
MSVOA_Y
ClientSampleId :

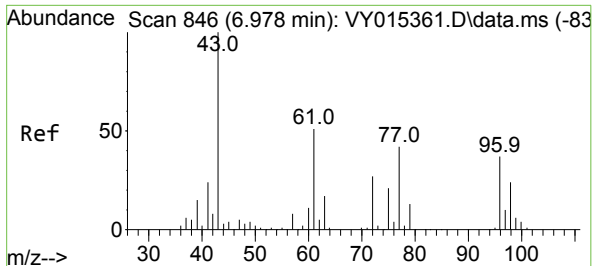
Tgt Ion: 43 Resp: 767346
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1



#20
Methylene Chloride
Concen: 6.860 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Tgt Ion: 84 Resp: 19264
Ion Ratio Lower Upper
84 100
49 123.8 106.9 160.3
51 34.9 33.2 49.8
86 63.5 51.0 76.6





#25

2-Butanone

Concen: 32.955 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Instrument :

MSVOA_Y

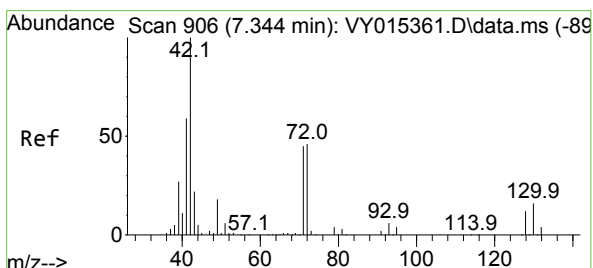
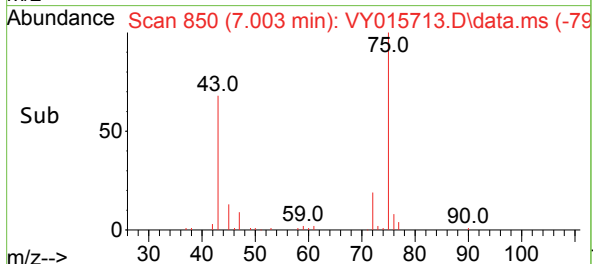
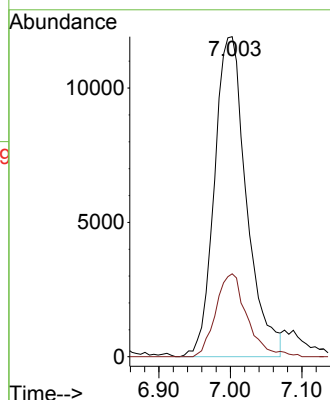
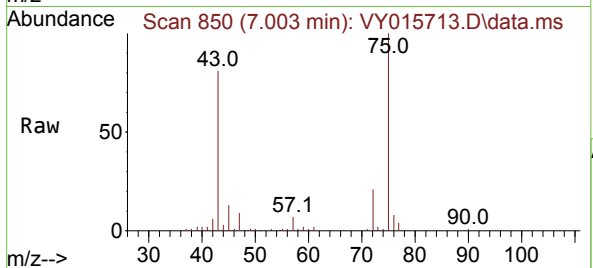
ClientSampleId :

Tgt Ion: 43 Resp: 37127

Ion Ratio Lower Upper

43 100

72 25.9 20.5 30.7



#29

Tetrahydrofuran

Concen: 1.162 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.024 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

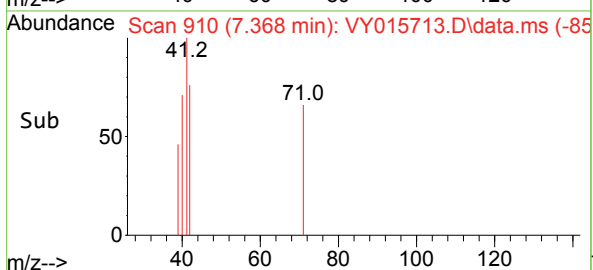
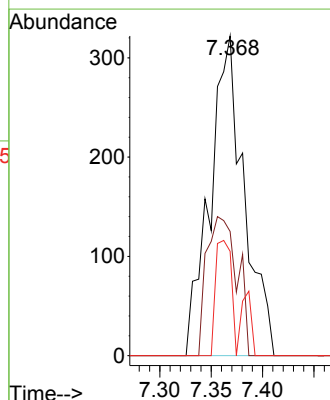
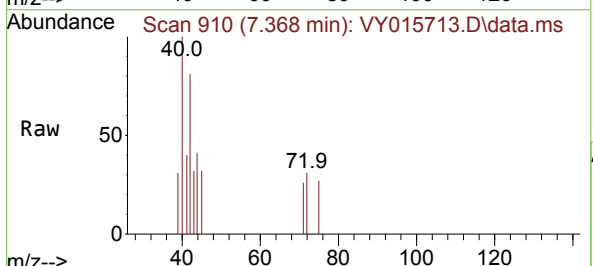
Tgt Ion: 42 Resp: 740

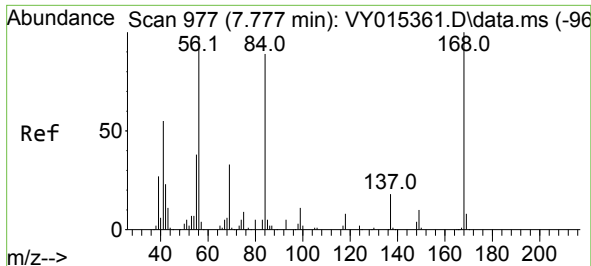
Ion Ratio Lower Upper

42 100

72 38.8 32.8 49.2

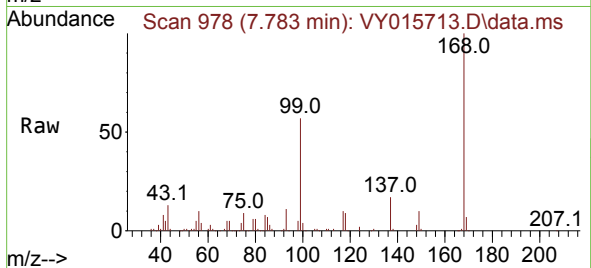
71 16.5 31.0 46.4#



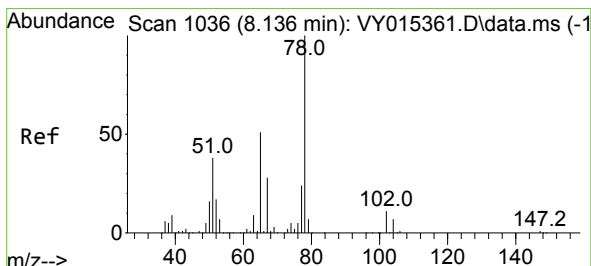
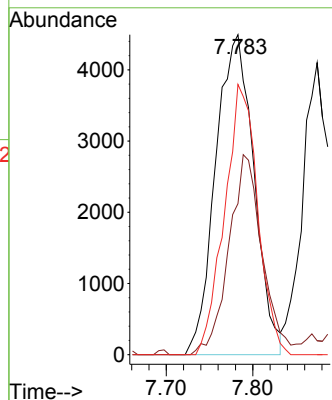
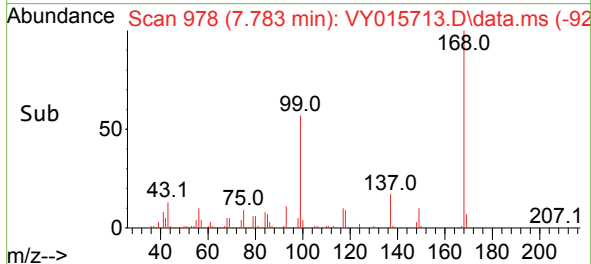


#31
Cyclohexane
Concen: 6.682 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Instrument :
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ClientSampleId :

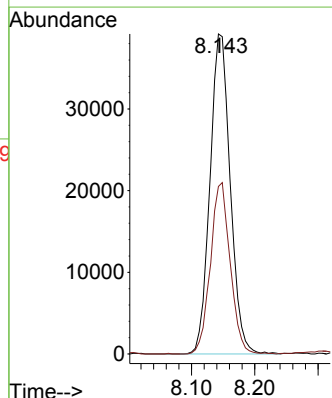
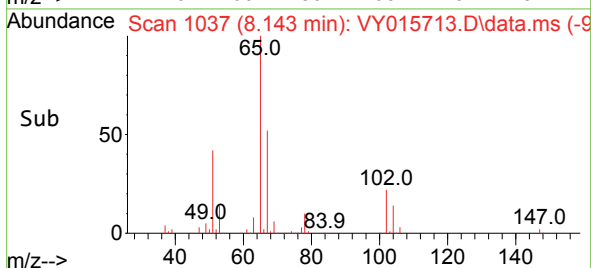
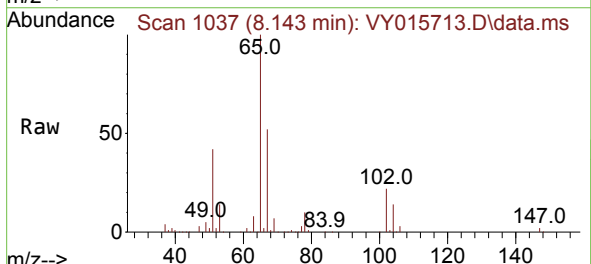


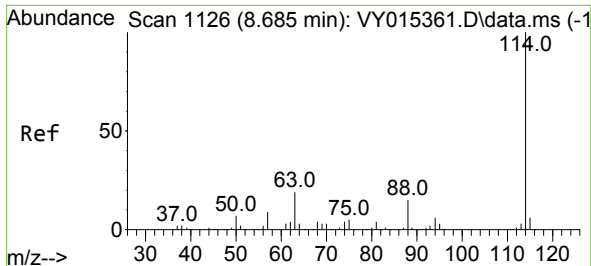
Tgt Ion: 56 Resp: 13787
Ion Ratio Lower Upper
56 100
69 47.2 27.8 41.6#
84 84.4 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 58.617 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Tgt Ion: 65 Resp: 87303
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

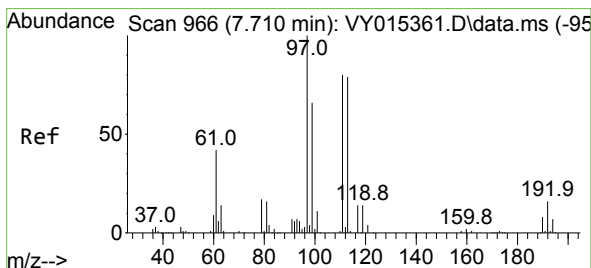
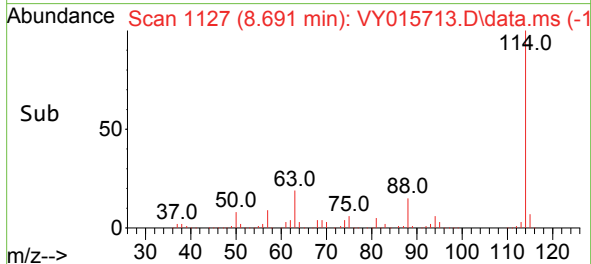
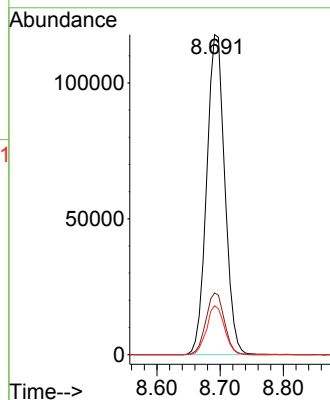
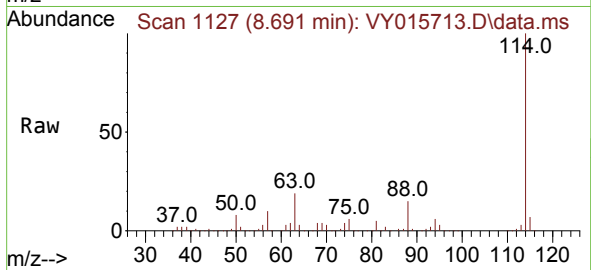
Tgt Ion:114 Resp: 234631

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.419 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

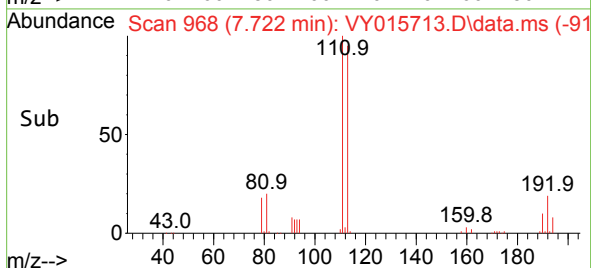
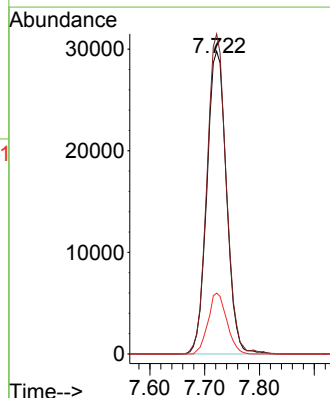
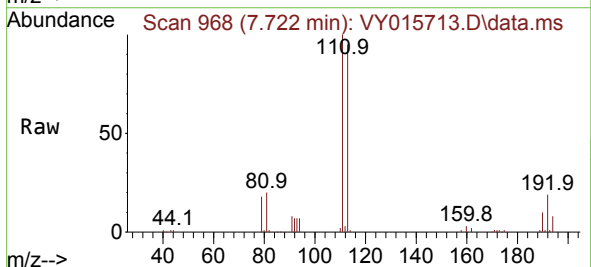
Tgt Ion:113 Resp: 73615

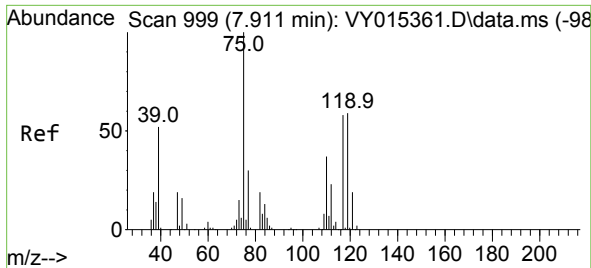
Ion Ratio Lower Upper

113 100

111 104.3 81.3 121.9

192 19.3 16.9 25.3

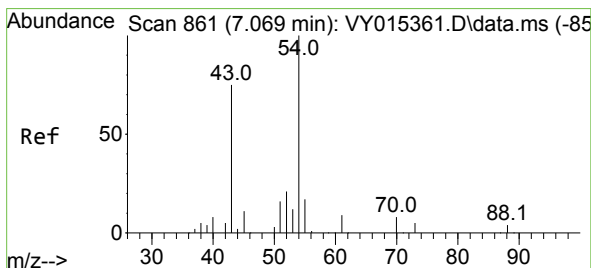
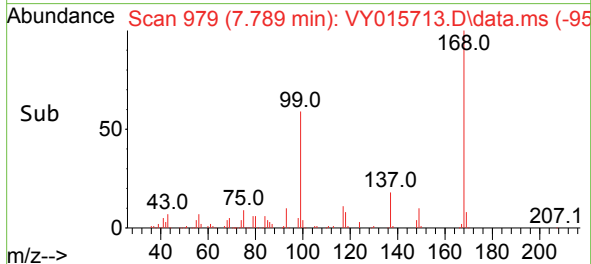
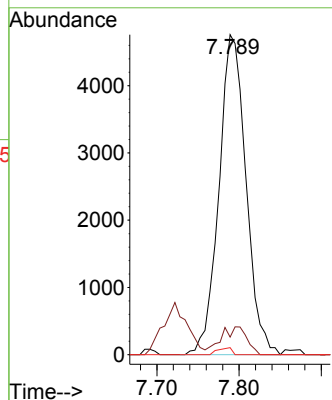
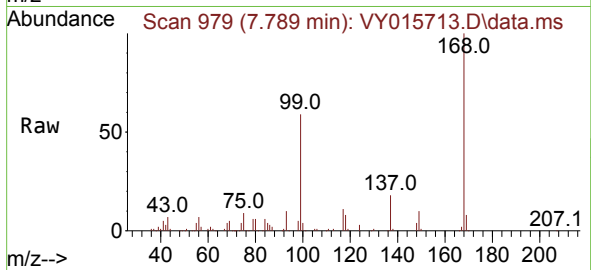




#36
1,1-Dichloropropene
Concen: 5.240 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

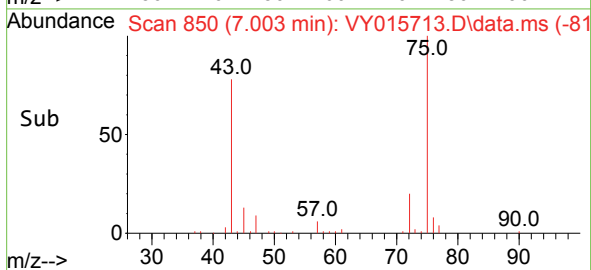
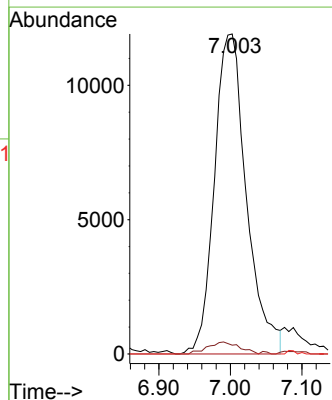
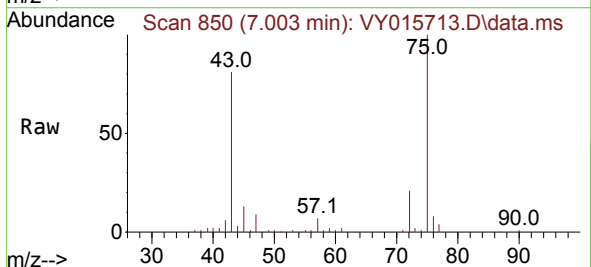
Instrument :
MSVOA_Y
ClientSampleId :

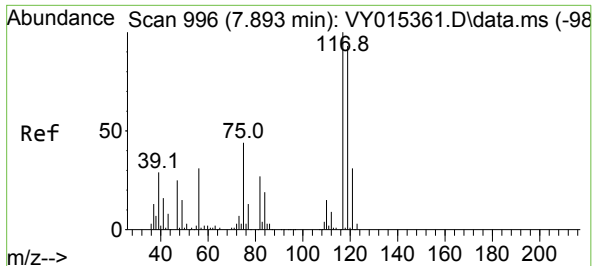
Tgt Ion: 75 Resp: 10881
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 17.926 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.060 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

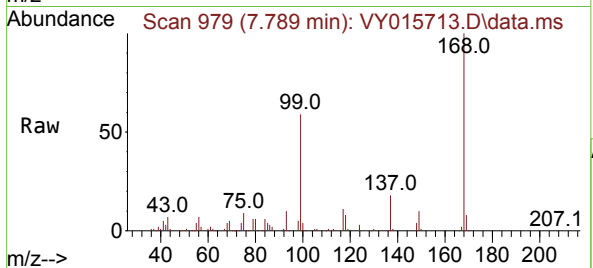
Tgt Ion: 43 Resp: 37127
Ion Ratio Lower Upper
43 100
61 3.7 10.1 15.1#
70 0.0 7.1 10.7#



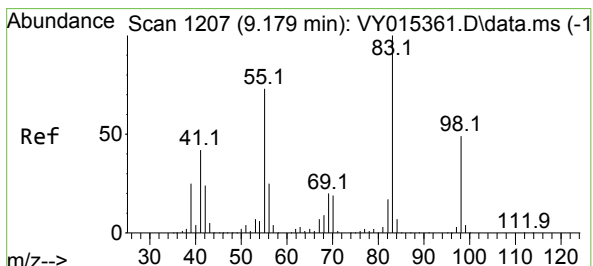
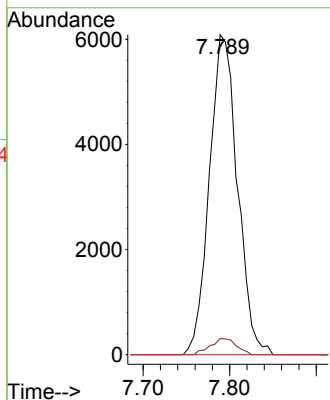
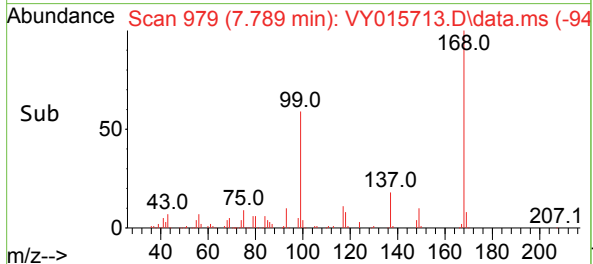


#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :

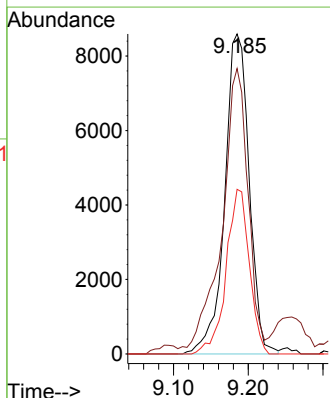
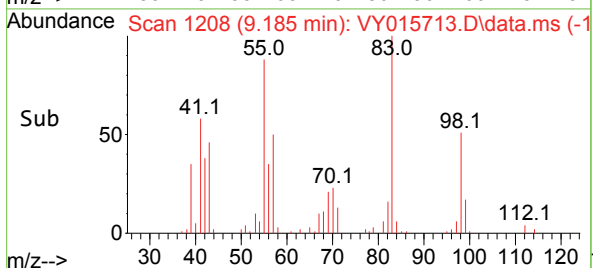
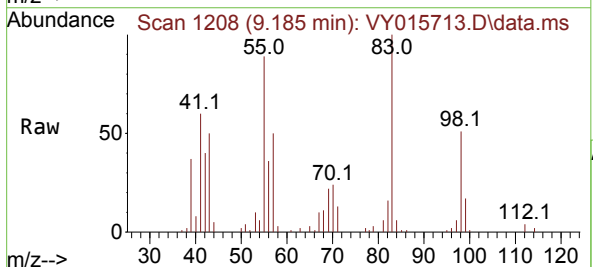


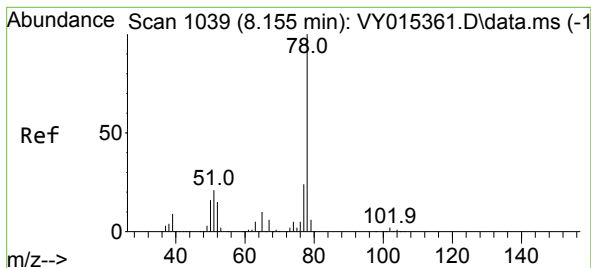
Tgt Ion:117 Resp: 13693
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 8.516 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.006 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Tgt Ion: 83 Resp: 19559
Ion Ratio Lower Upper
83 100
55 87.6 63.0 94.4
98 51.5 37.4 56.2





#40

Benzene

Concen: 4.722 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Instrument :

MSVOA_Y

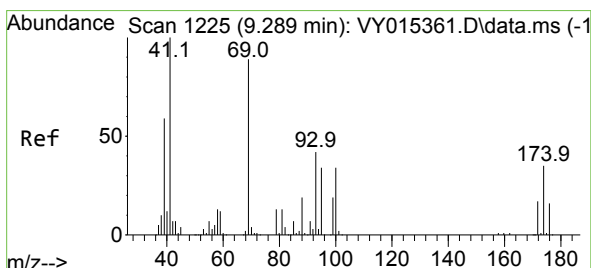
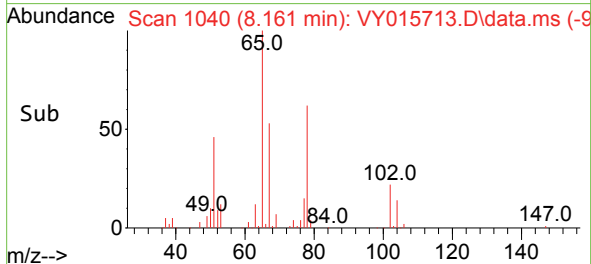
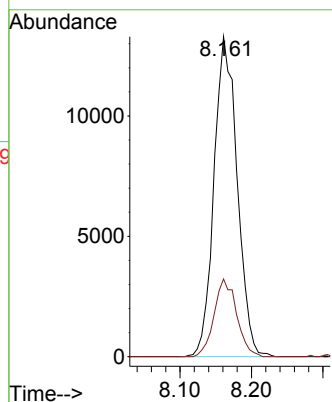
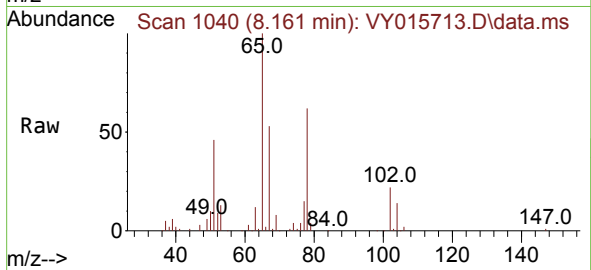
ClientSampleId :

Tgt Ion: 78 Resp: 29902

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6



#48

Methyl methacrylate

Concen: 1.701 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.036 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

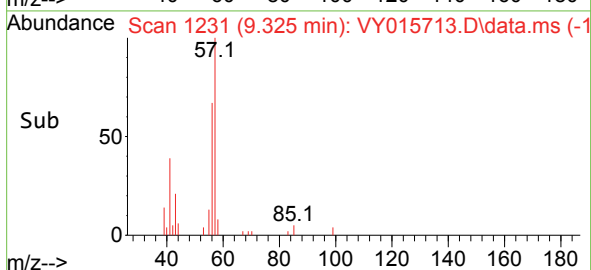
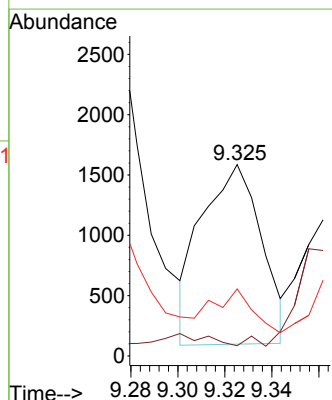
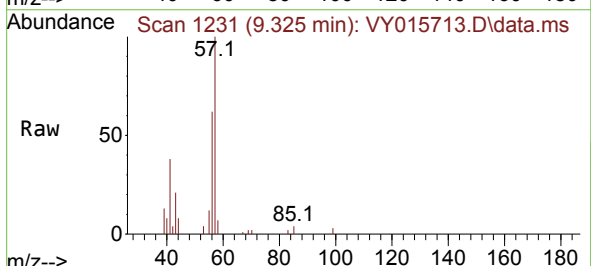
Tgt Ion: 41 Resp: 2641

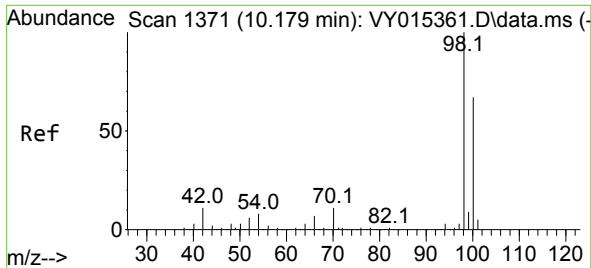
Ion Ratio Lower Upper

41 100

69 0.0 64.5 96.7#

39 27.8 50.8 76.2#

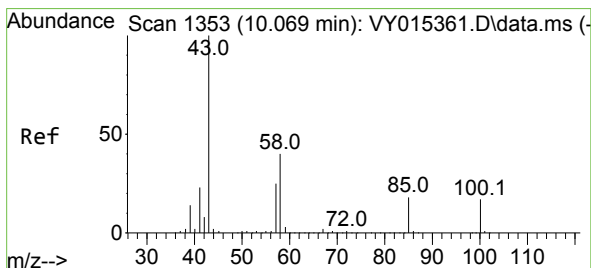
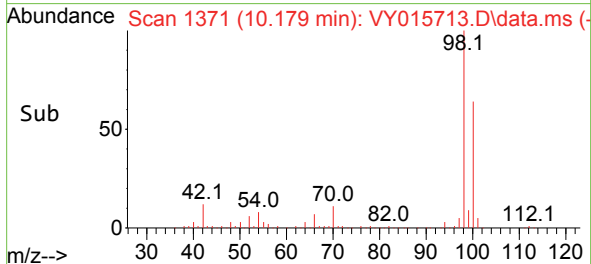
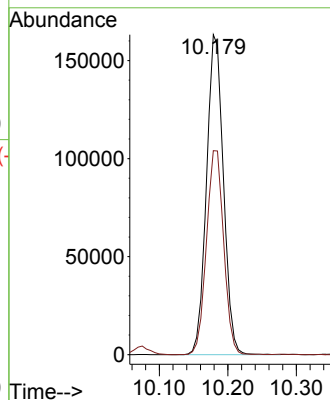
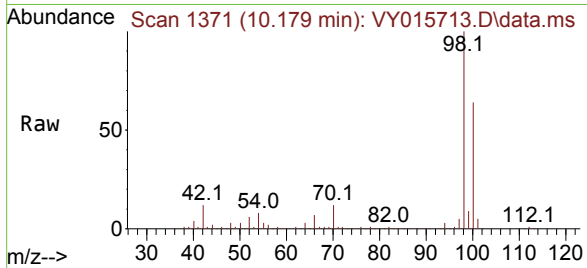




#50
Toluene-d8
Concen: 58.877 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

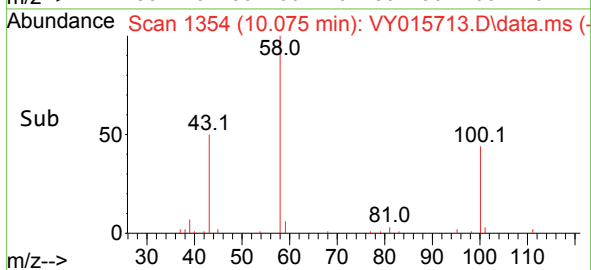
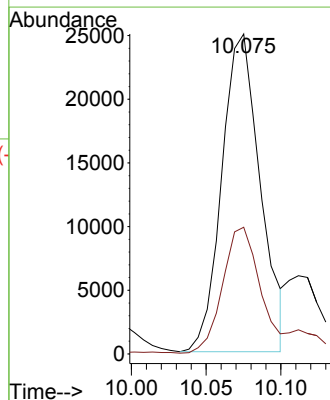
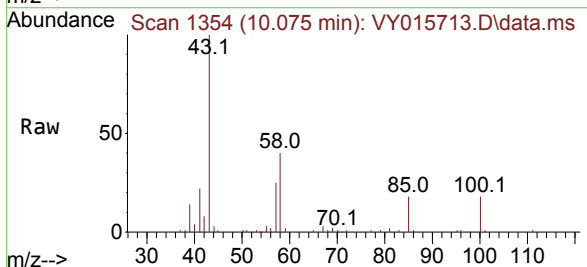
Instrument :
MSVOA_Y
ClientSampleId :

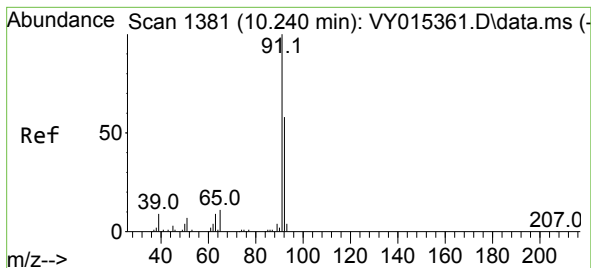
Tgt Ion: 98 Resp: 280350
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 20.372 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Tgt Ion: 43 Resp: 44673
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6





#52

Toluene

Concen: 129.930 ug/l

RT: 10.246 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Instrument :

MSVOA_Y

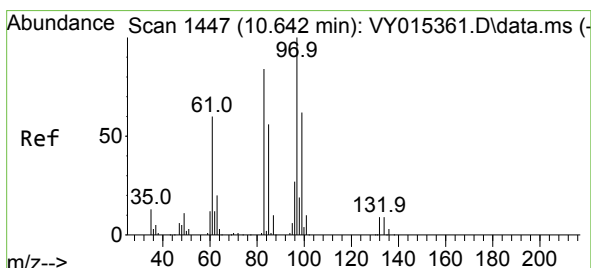
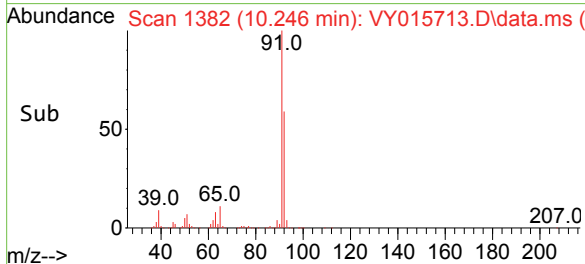
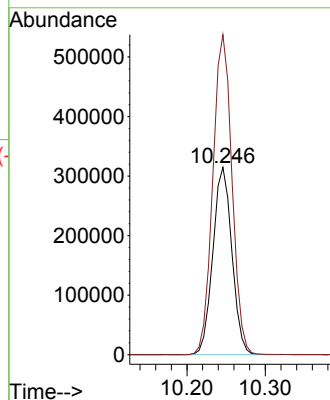
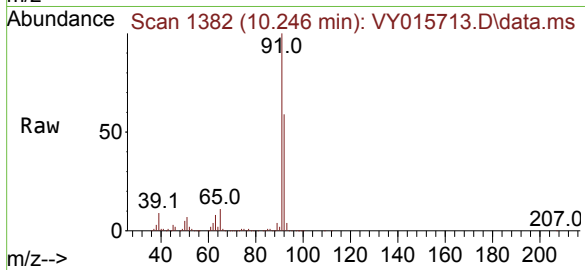
ClientSampleId :

Tgt Ion: 92 Resp: 530412

Ion Ratio Lower Upper

92 100

91 172.1 143.8 215.6



#55

1,1,2-Trichloroethane

Concen: 3.167 ug/l

RT: 10.624 min Scan# 1444

Delta R.T. -0.018 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Tgt Ion: 97 Resp: 5243

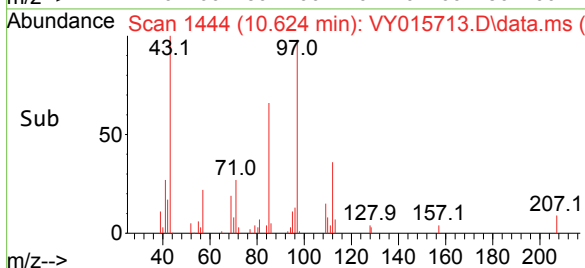
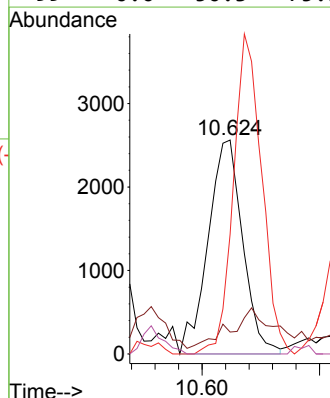
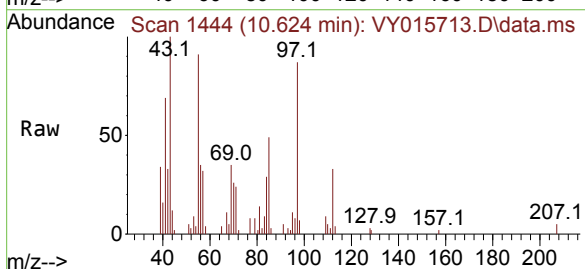
Ion Ratio Lower Upper

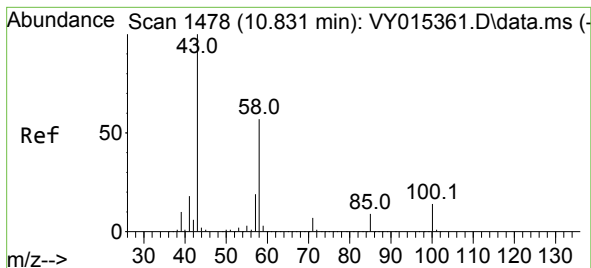
97 100

83 3.9 72.0 108.0#

85 56.0 45.4 68.0

99 0.0 50.3 75.5#

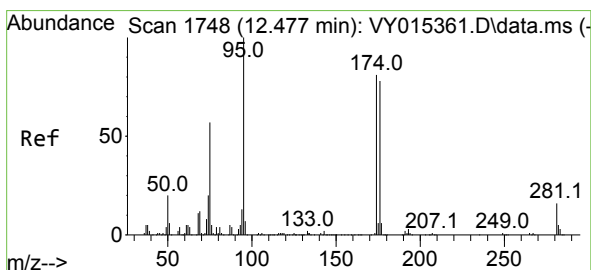
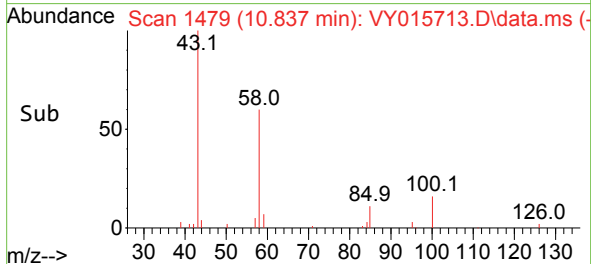
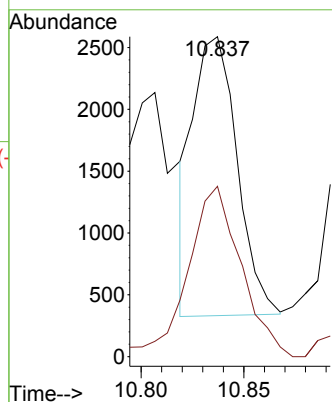
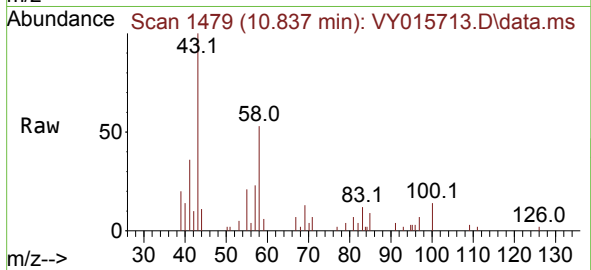




#59
2-Hexanone
Concen: 1.997 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

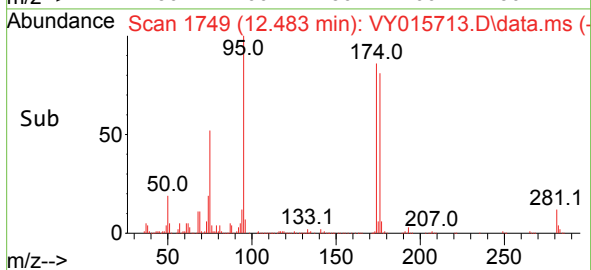
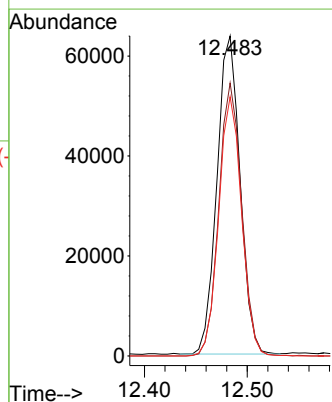
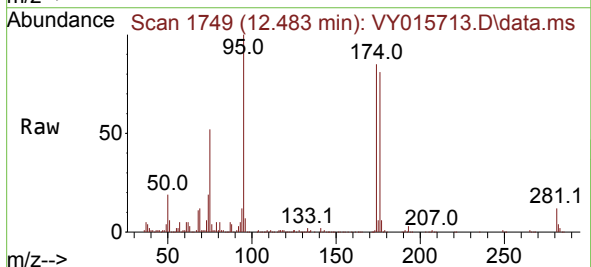
Instrument :
MSVOA_Y
ClientSampleId :

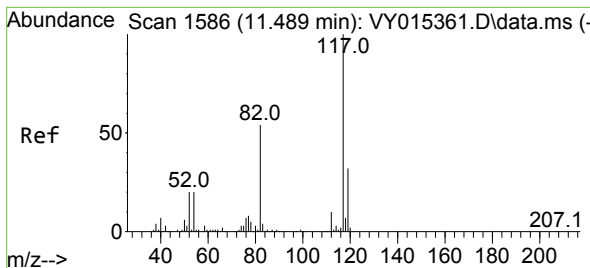
Tgt Ion: 43 Resp: 3359
Ion Ratio Lower Upper
43 100
58 73.7 25.1 75.3



#62
4-Bromofluorobenzene
Concen: 53.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Tgt Ion: 95 Resp: 99114
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 80.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

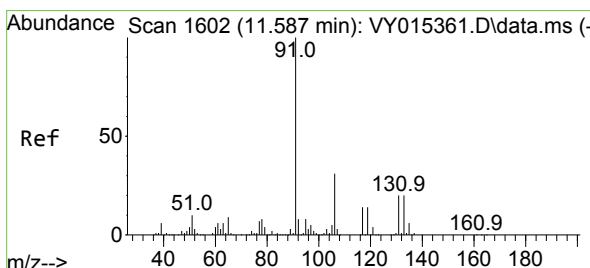
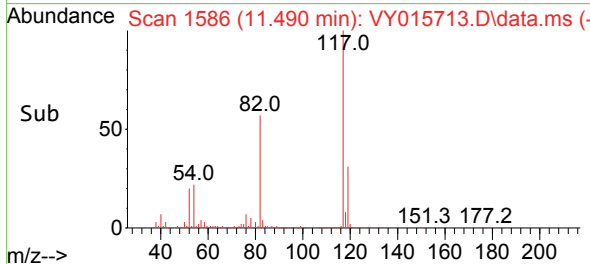
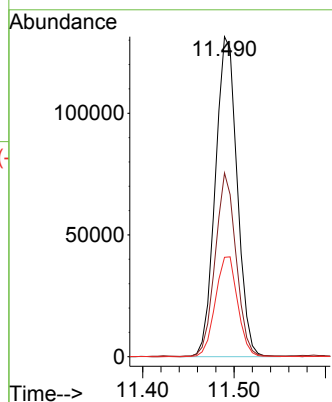
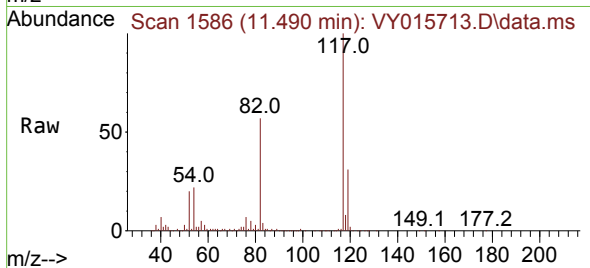
Tgt Ion:117 Resp: 217978

Ion Ratio Lower Upper

117 100

82 57.3 43.4 65.0

119 31.0 26.3 39.5



#67

Ethyl Benzene

Concen: 24.305 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015713.D

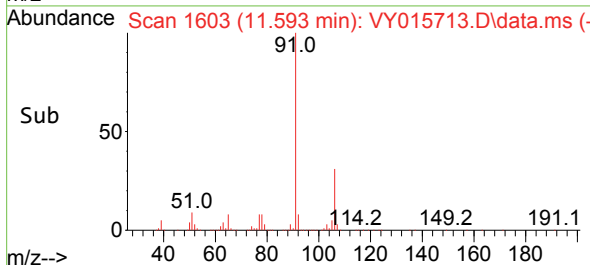
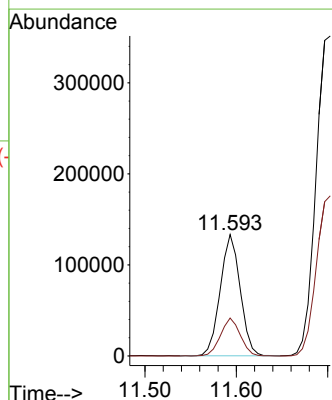
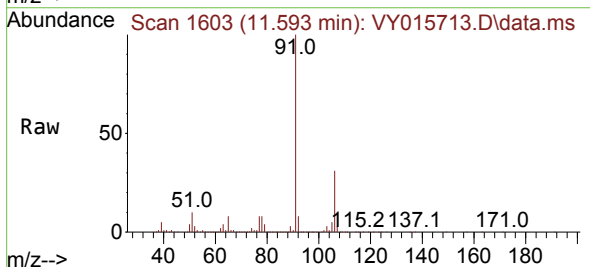
Acq: 26 Sep 2023 17:09

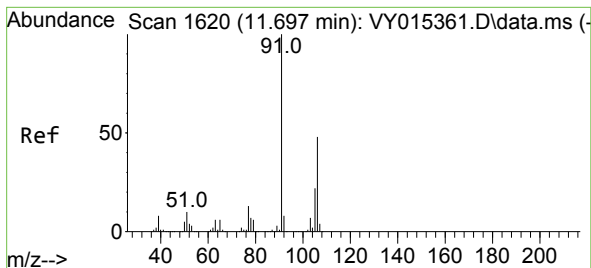
Tgt Ion: 91 Resp: 202132

Ion Ratio Lower Upper

91 100

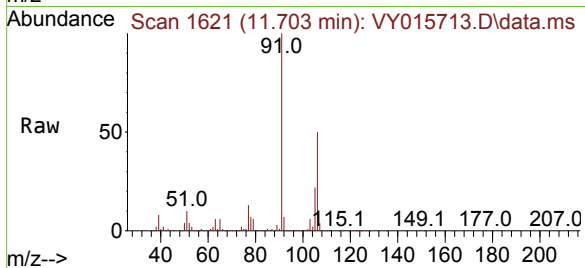
106 31.3 24.6 36.8



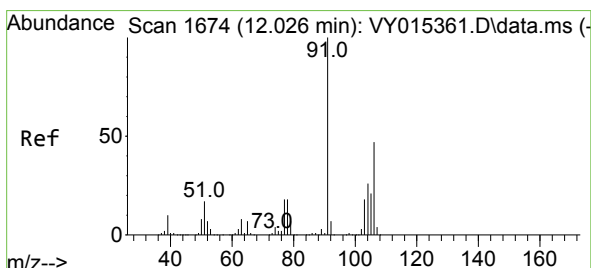
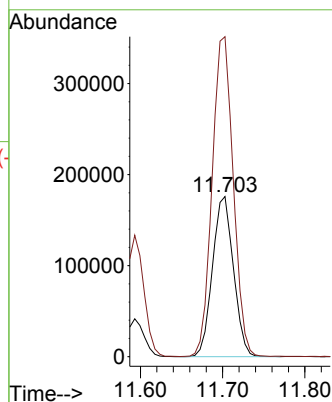
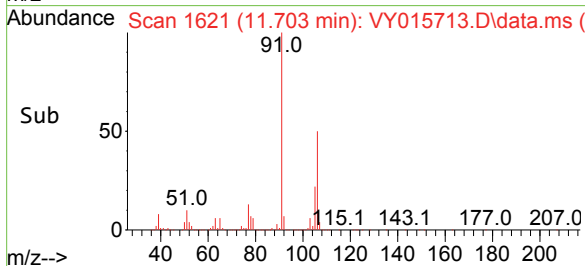


#68
m/p-Xylenes
Concen: 98.567 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :

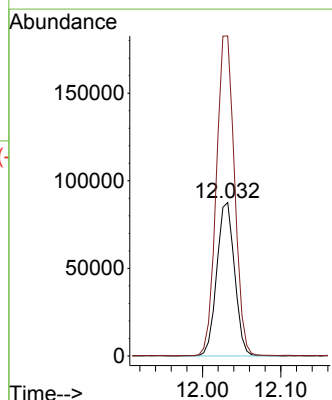
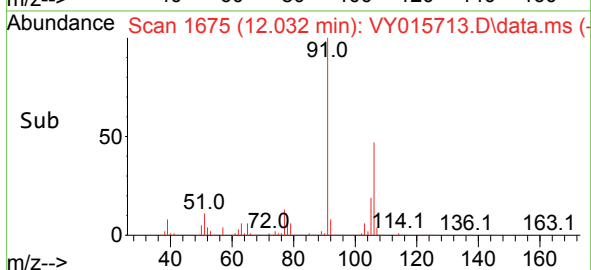
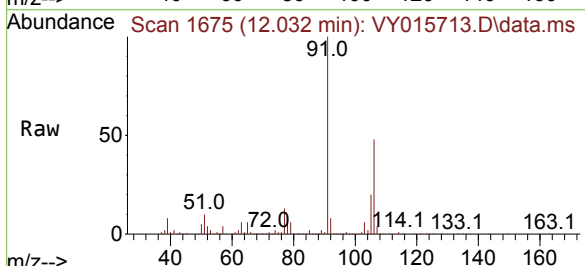


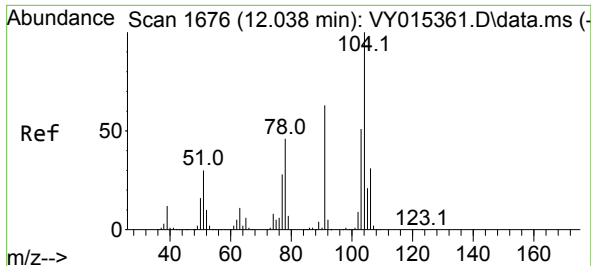
Tgt Ion:106 Resp: 311570
Ion Ratio Lower Upper
106 100
91 200.9 166.1 249.1



#69
o-Xylene
Concen: 44.599 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Tgt Ion:106 Resp: 138237
Ion Ratio Lower Upper
106 100
91 213.3 108.1 324.3

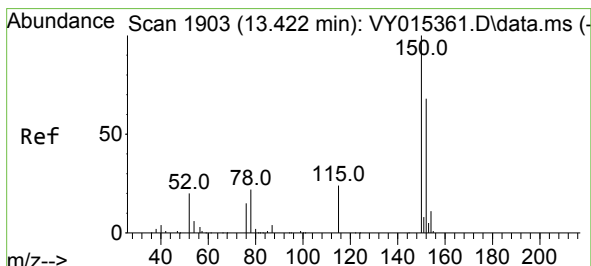
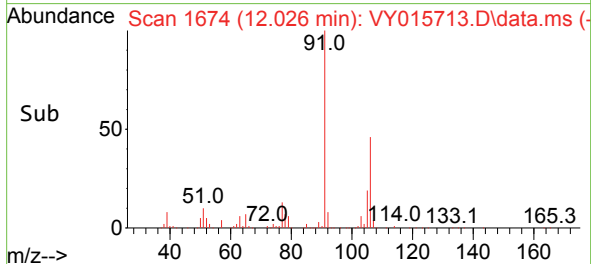
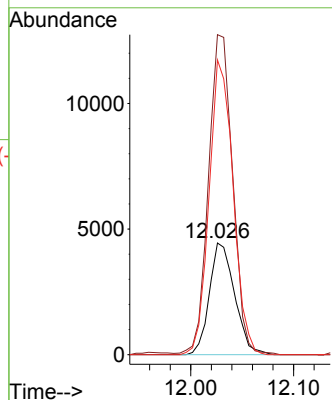
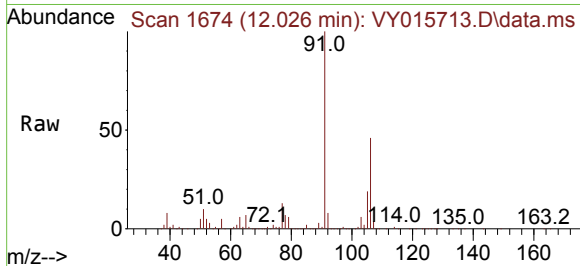




#70
Styrene
Concen: 1.432 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

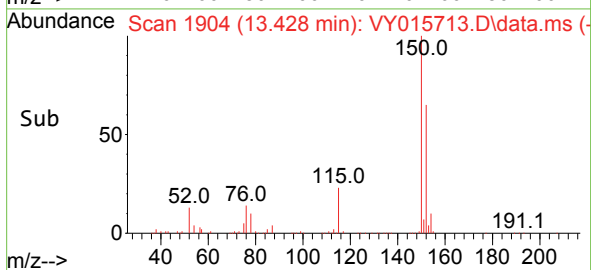
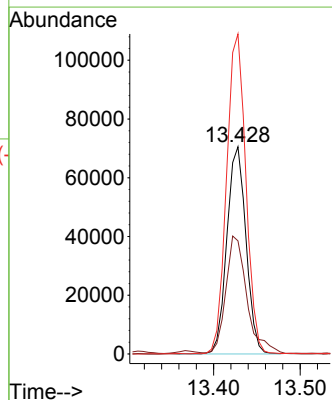
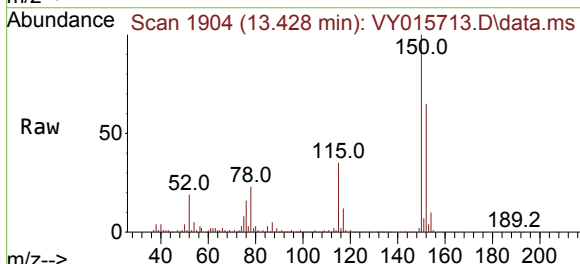
Instrument :
MSVOA_Y
ClientSampleId :

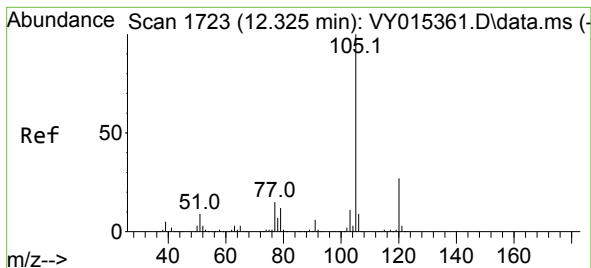
Tgt Ion:104 Resp: 7600
Ion Ratio Lower Upper
104 100
78 274.7 41.5 62.3#
103 251.2 44.6 67.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Tgt Ion:152 Resp: 108256
Ion Ratio Lower Upper
152 100
115 62.1 28.8 86.5
150 155.2 0.0 348.8





#73

Isopropylbenzene

Concen: 2.843 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Instrument :

MSVOA_Y

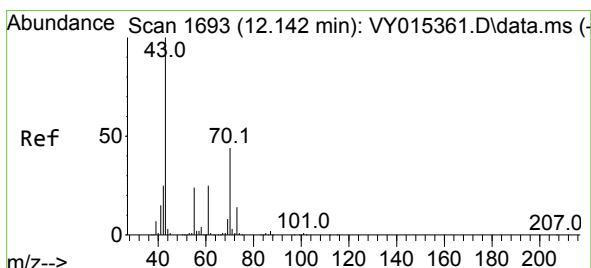
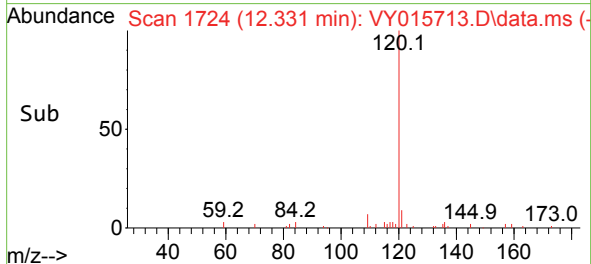
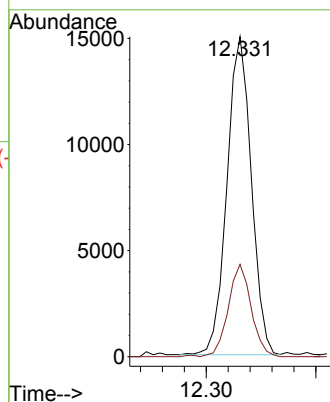
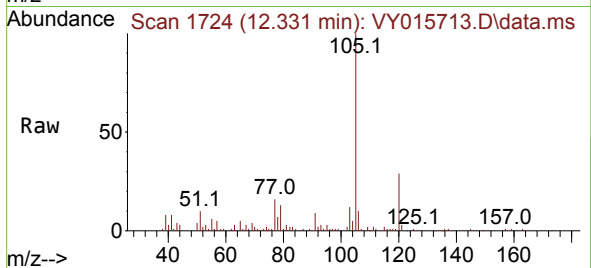
ClientSampleId :

Tgt Ion:105 Resp: 23089

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.9



#74

N-ethyl acetate

Concen: 2.267 ug/l

RT: 12.105 min Scan# 1687

Delta R.T. -0.037 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Tgt Ion: 43 Resp: 6919

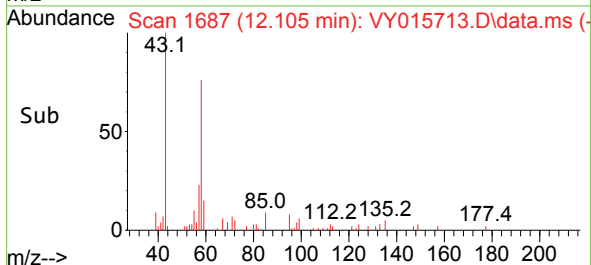
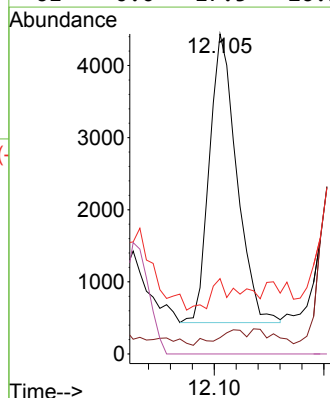
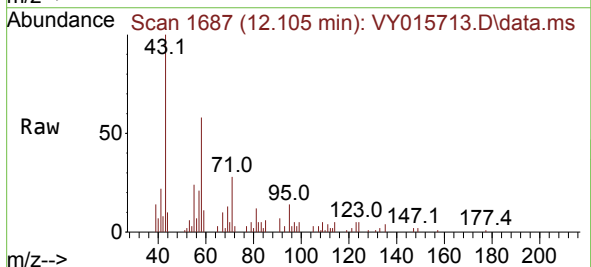
Ion Ratio Lower Upper

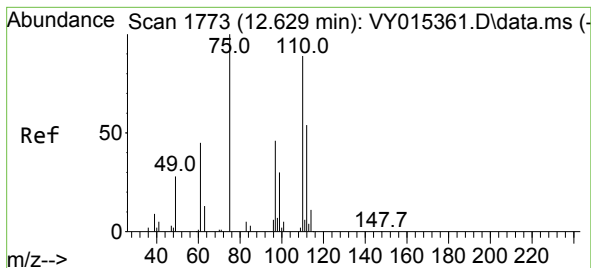
43 100

70 5.5 29.7 44.5#

55 8.6 18.3 27.5#

61 0.0 17.5 26.3#





#76

1,2,3-Trichloropropane

Concen: 1.532 ug/l

RT: 12.733 min Scan# 1

Delta R.T. 0.104 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Instrument :

MSVOA_Y

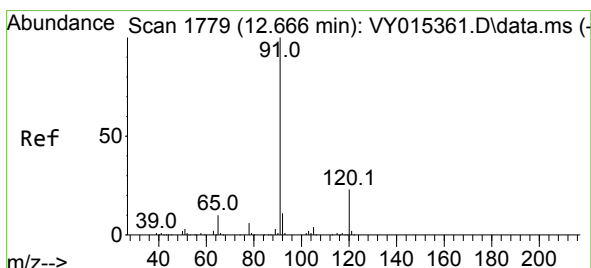
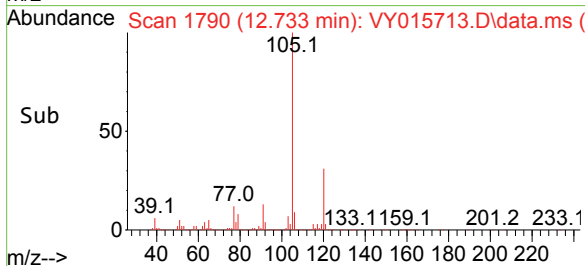
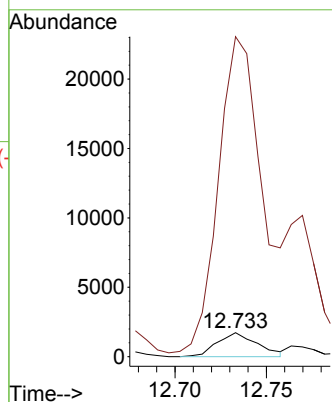
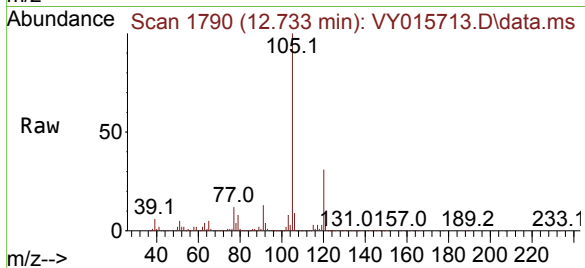
ClientSampleId :

Tgt Ion: 75 Resp: 2646

Ion Ratio Lower Upper

75 100

77 1430.5 0.0 0.0#



#78

n-propylbenzene

Concen: 8.873 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015713.D

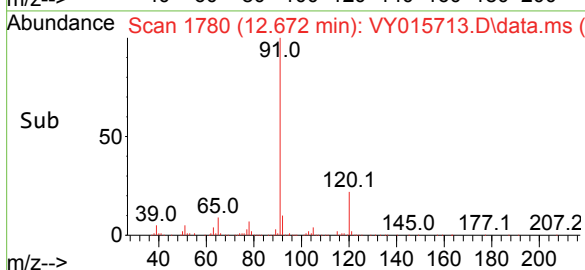
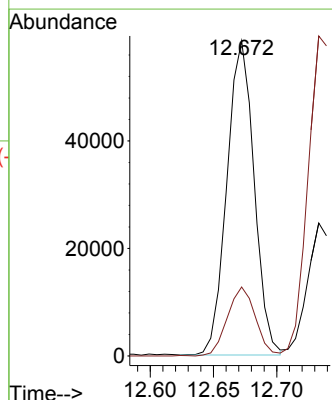
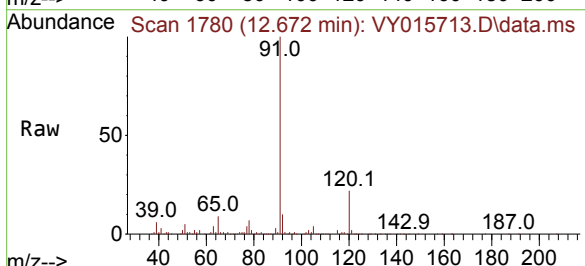
Acq: 26 Sep 2023 17:09

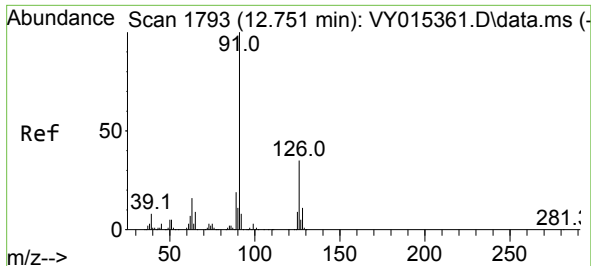
Tgt Ion: 91 Resp: 87541

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

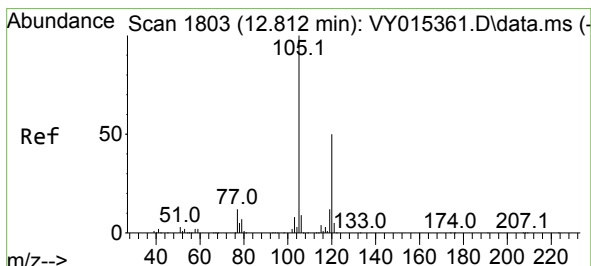
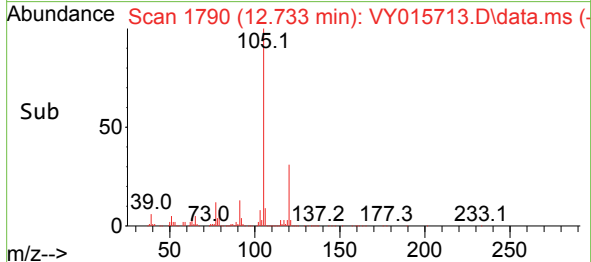
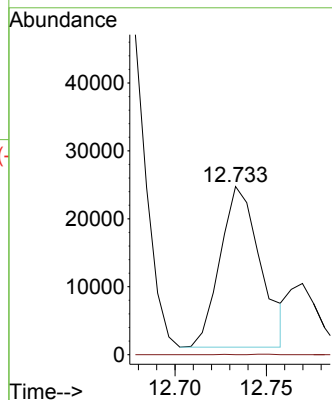
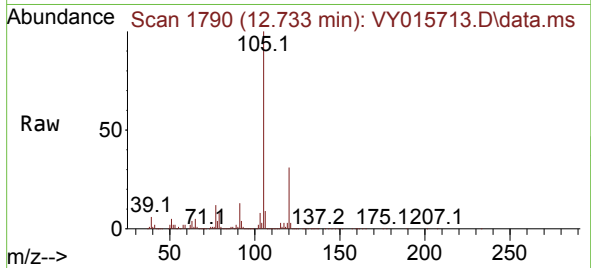




#79
2-Chlorotoluene
Concen: 6.461 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

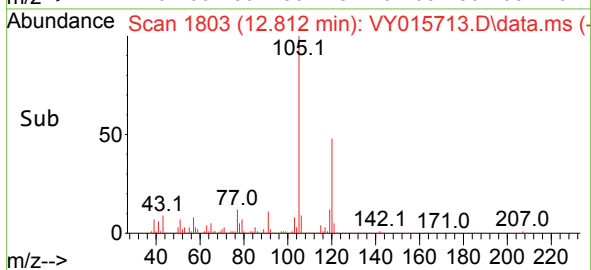
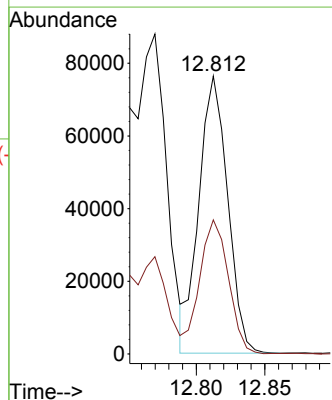
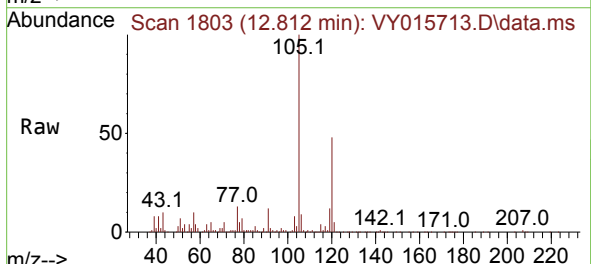
Instrument :
MSVOA_Y
ClientSampleId :

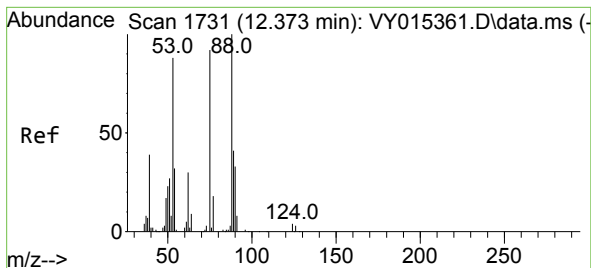
Tgt Ion: 91 Resp: 36334
Ion Ratio Lower Upper
91 100
126 0.1 17.3 51.7#



#80
1,3,5-Trimethylbenzene
Concen: 16.326 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Tgt Ion: 105 Resp: 110995
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

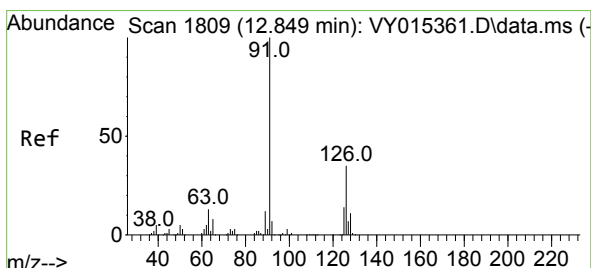
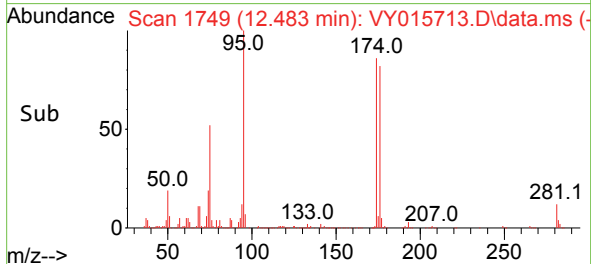
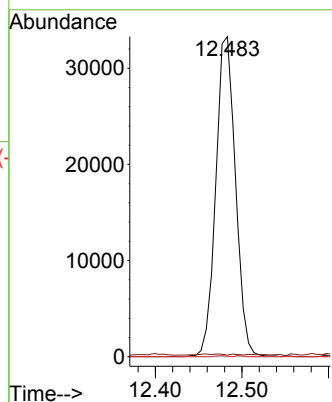
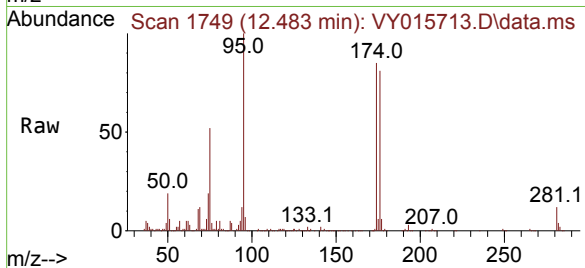




#81
trans-1,4-Dichloro-2-butene
Concen: 68.647 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

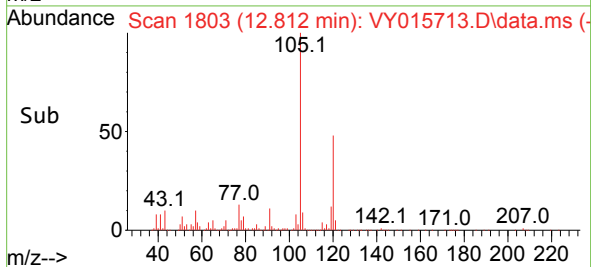
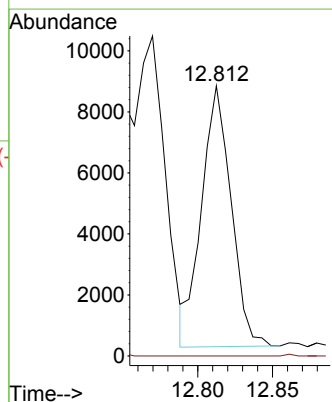
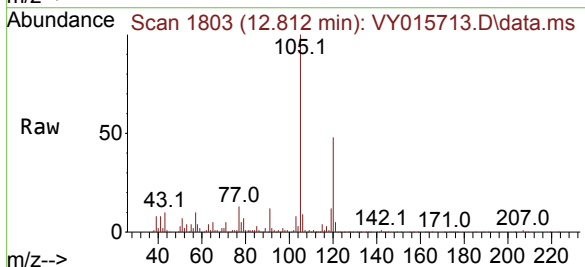
Instrument :
MSVOA_Y
ClientSampleId :

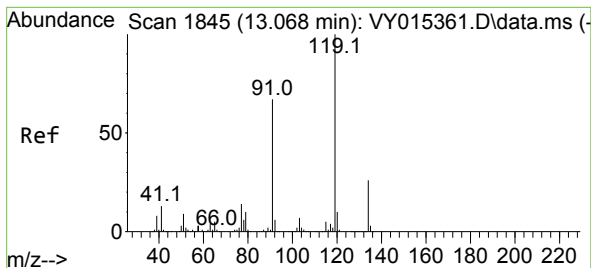
Tgt Ion: 75 Resp: 52647
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#82
4-Chlorotoluene
Concen: 2.002 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.037 min
Lab File: VY015713.D
Acq: 26 Sep 2023 17:09

Tgt Ion: 91 Resp: 11751
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#





#83

tert-Butylbenzene

Concen: 10.050 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.048 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

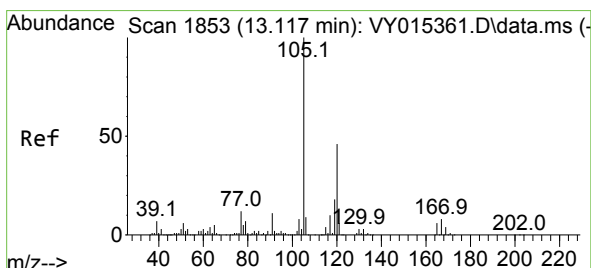
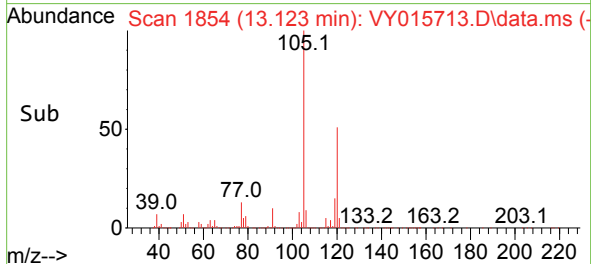
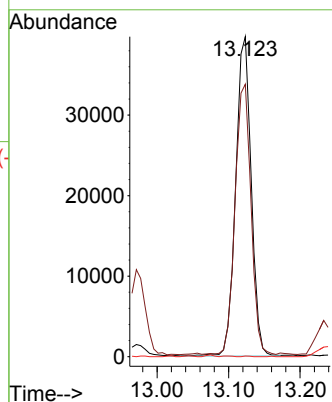
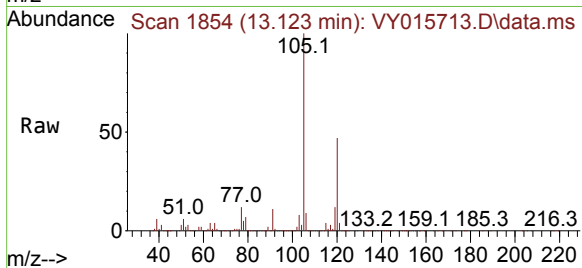
Tgt Ion:119 Resp: 59842

Ion Ratio Lower Upper

119 100

91 86.7 32.9 98.6

134 0.0 13.0 38.9#



#84

1,2,4-Trimethylbenzene

Concen: 71.802 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015713.D

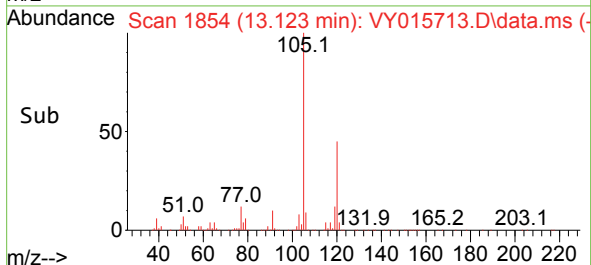
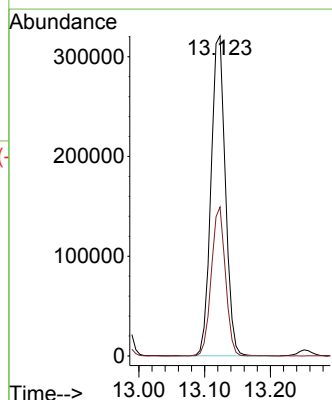
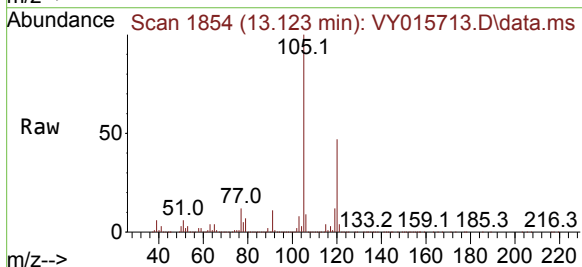
Acq: 26 Sep 2023 17:09

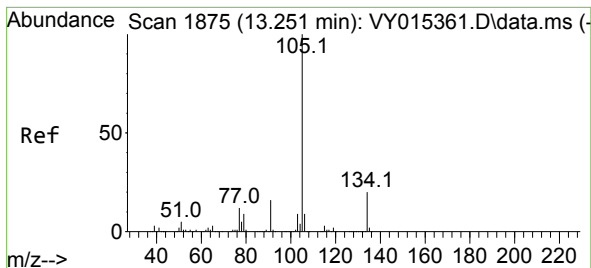
Tgt Ion:105 Resp: 488438

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 54.812 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.128 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Instrument :

MSVOA_Y

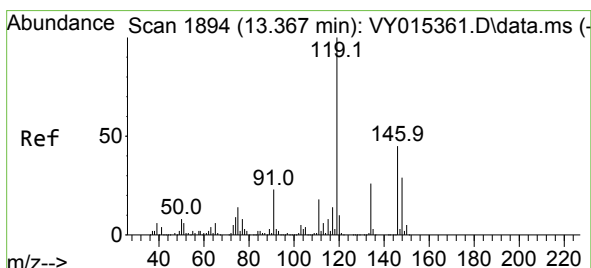
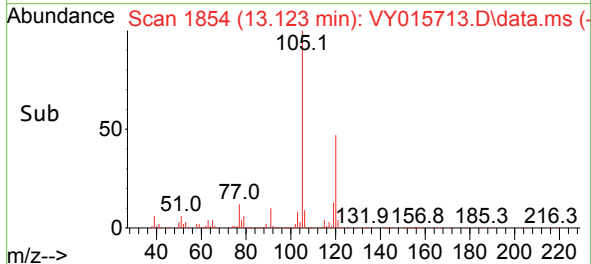
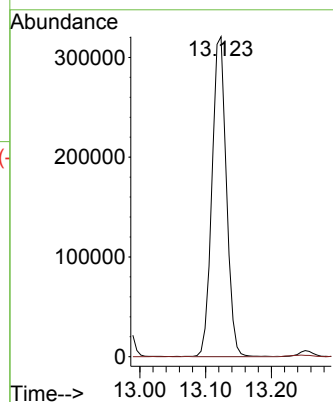
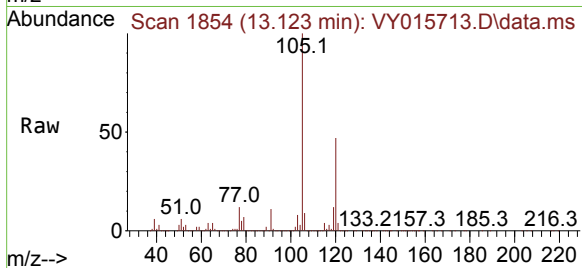
ClientSampleId :

Tgt Ion:105 Resp: 488438

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 2.273 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

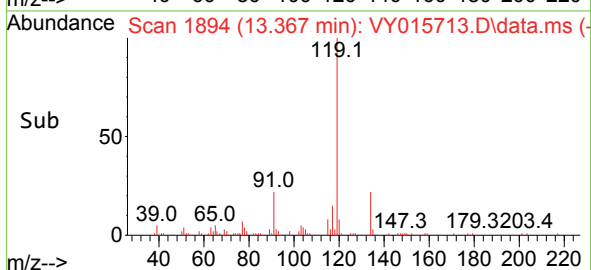
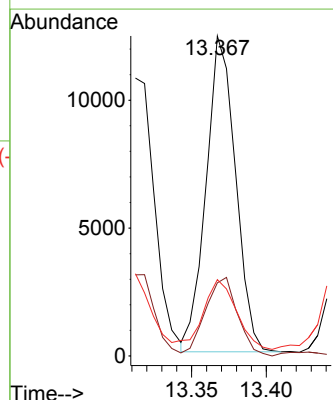
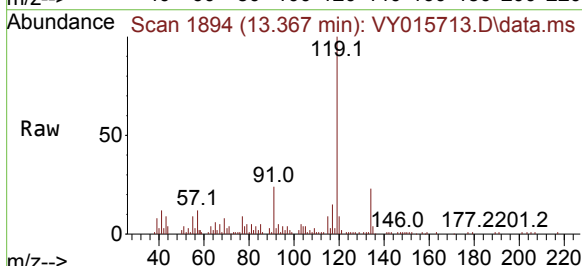
Tgt Ion:119 Resp: 16920

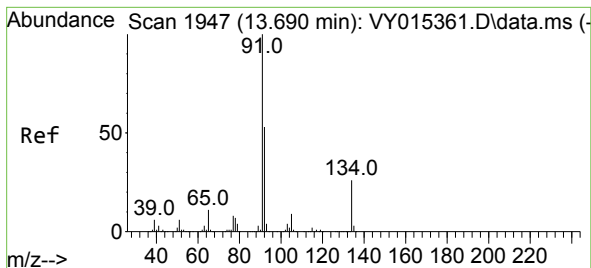
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 25.0 12.4 37.4





#89

n-Butylbenzene

Concen: 2.484 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

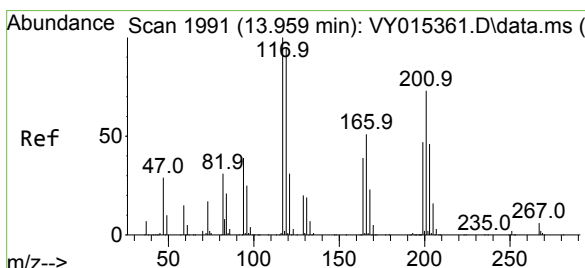
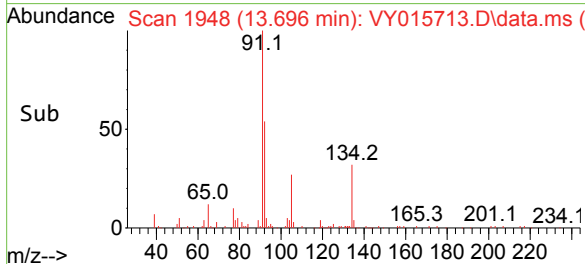
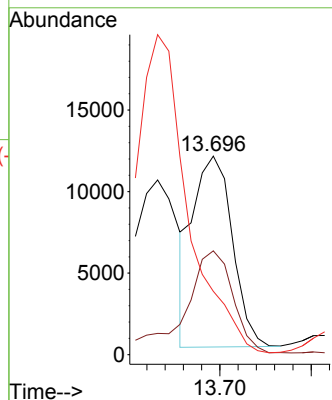
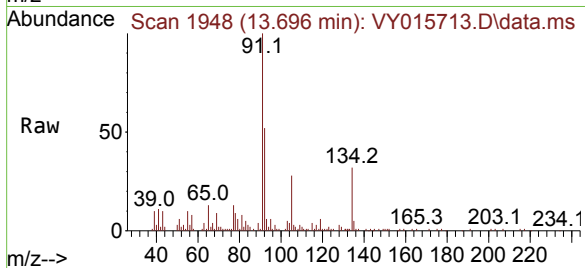
Tgt Ion: 91 Resp: 17506

Ion Ratio Lower Upper

91 100

92 65.8 25.4 76.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 6.749 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY015713.D

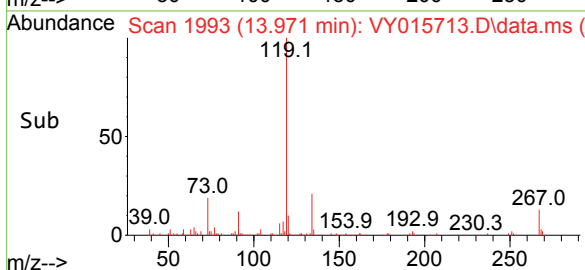
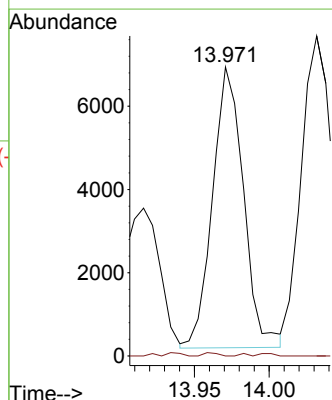
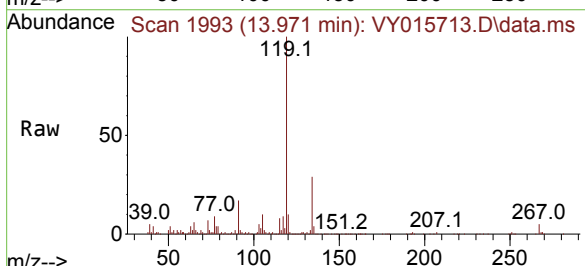
Acq: 26 Sep 2023 17:09

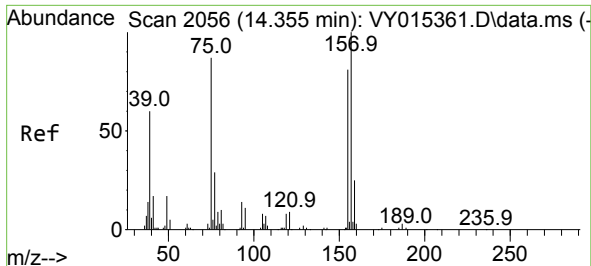
Tgt Ion: 117 Resp: 9695

Ion Ratio Lower Upper

117 100

201 0.5 41.6 124.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.201 ug/l

RT: 14.337 min Scan# 2053

Delta R.T. -0.018 min

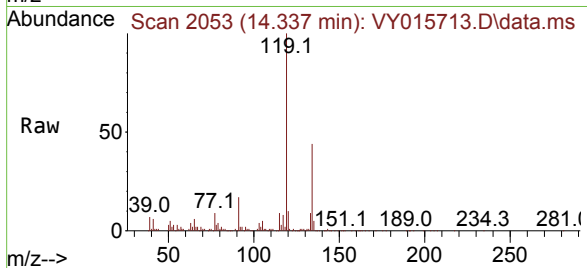
Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

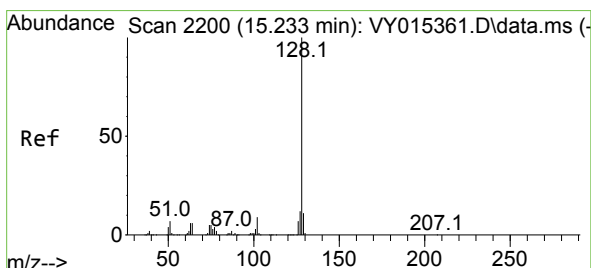
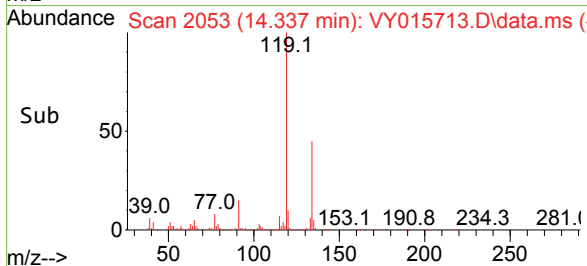
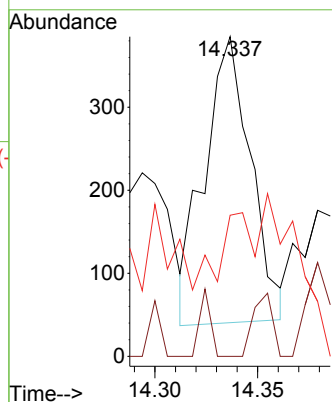
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	539
Ion Ratio	Lower	Upper	
75	100		
155	9.1	41.5	124.6#
157	13.2	51.8	155.5#



#95

Naphthalene

Concen: 16.292 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015713.D

Acq: 26 Sep 2023 17:09

Tgt Ion:	128	Resp:	97634
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.8	16.2
129	11.0	8.6	13.0

