

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015202.D
 Acq On : 18 Aug 2023 17:46
 Operator : SY/MD
 Sample : 04086-14
 Misc : 5.08g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 23:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	18073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	27504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7305	33.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.340%
35) Dibromofluoromethane	7.710	113	7111	40.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.380%
50) Toluene-d8	10.179	98	31167	47.317	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.640%
62) 4-Bromofluorobenzene	12.483	95	10145	42.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.340%

Target Compounds			Qvalue			
3) Chloromethane	2.107	50	231	Below Cal	#	68
5) Bromomethane	2.656	94	331	1.945	ug/l #	72
10) Methyl Iodide	4.088	142	203	1.373	ug/l #	50
11) Tert butyl alcohol	4.936	59	131	Below Cal	#	89
16) Acetone	3.942	43	1094	15.436	ug/l #	88
18) Methyl Acetate	4.698	43	601	2.314	ug/l #	54
20) Methylene Chloride	4.704	84	2653	12.360	ug/l	84
25) 2-Butanone	6.960	43	455	4.534	ug/l #	49
31) Cyclohexane	7.765	56	924	2.334	ug/l #	66
36) 1,1-Dichloropropene	7.783	75	1458	7.448	ug/l #	48
37) Ethyl Acetate	6.960	43	455	2.494	ug/l #	2
38) Carbon Tetrachloride	7.783	117	1723	7.437	ug/l #	12
39) Methylcyclohexane	9.179	83	561	2.556	ug/l #	80
52) Toluene	10.240	92	27061	69.372	ug/l	96
53) t-1,3-Dichloropropene	10.234	75	377	1.428	ug/l #	1
59) 2-Hexanone	10.795	43	370	2.596	ug/l #	27
67) Ethyl Benzene	11.593	91	19596	26.372	ug/l	99
68) m/p-Xylenes	11.697	106	29542	104.680	ug/l	95
69) o-Xylene	12.032	106	17145	60.985	ug/l	97
70) Styrene	12.026	104	898	1.846	ug/l #	1
73) Isopropylbenzene	12.331	105	5475	7.887	ug/l	96
74) N-amyl acetate	12.124	43	616	2.458	ug/l #	65
76) 1,2,3-Trichloropropane	12.666	75	178	1.357	ug/l #	100
77) Bromobenzene	12.361	156	576	3.404	ug/l #	1
78) n-propylbenzene	12.672	91	25834	31.338	ug/l	100
79) 2-Chlorotoluene	12.733	91	10041	21.114	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	40514	70.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	5569	93.259	ug/l #	10
82) 4-Chlorotoluene	12.812	91	4357	8.868	ug/l #	40
83) tert-Butylbenzene	13.117	119	21225	40.100	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.117	105	170002	293.994	ug/l	98
85) sec-Butylbenzene	13.117	105	170002	219.206	ug/l #	56
86) p-Isopropyltoluene	13.367	119	2387	3.712	ug/l	95
89) n-Butylbenzene	13.696	91	7937	13.092	ug/l #	69
90) Hexachloroethane	13.971	117	3707	29.061	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.324	75	348	9.936	ug/l #	3

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QLast Update : Mon Aug 14 12:43:26 2023
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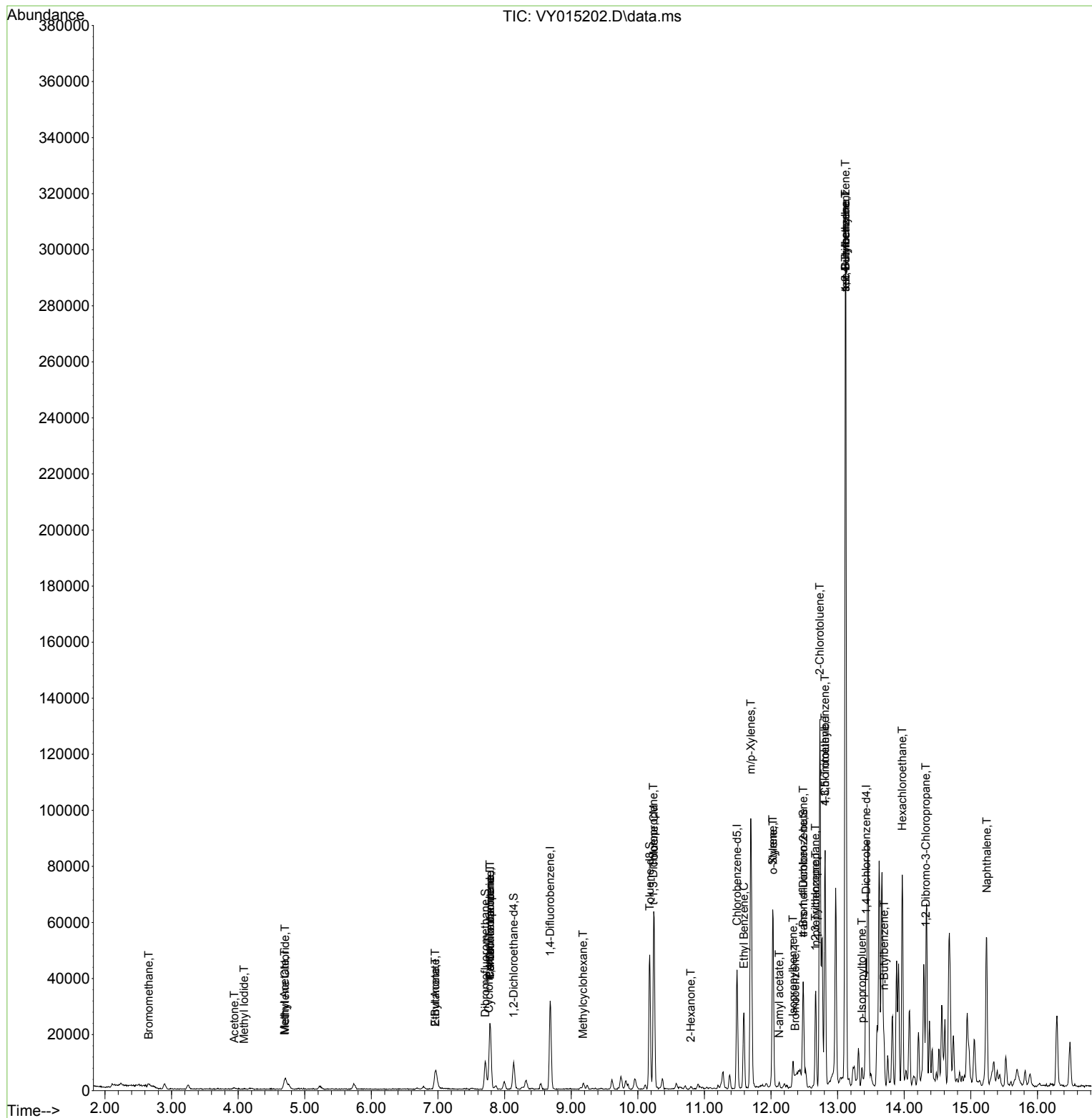
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.239	128	43823	87.395	ug/l	99

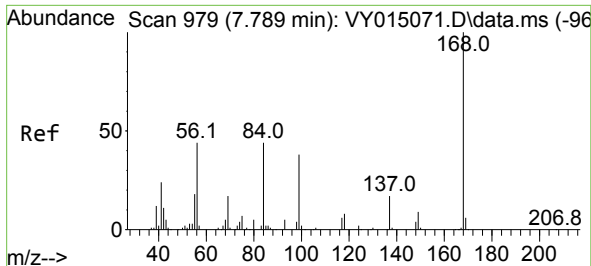
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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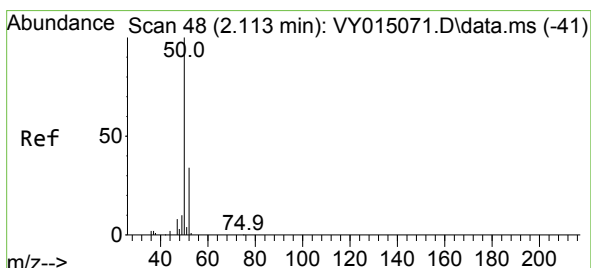
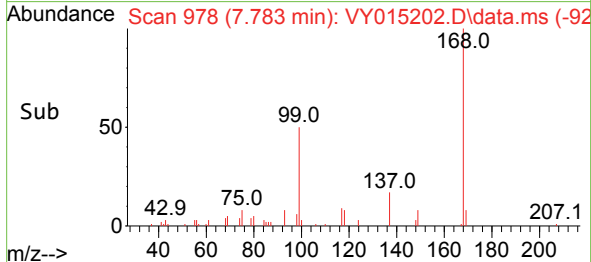
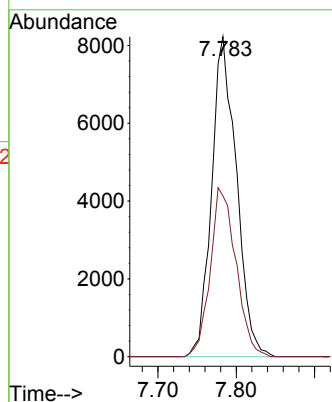
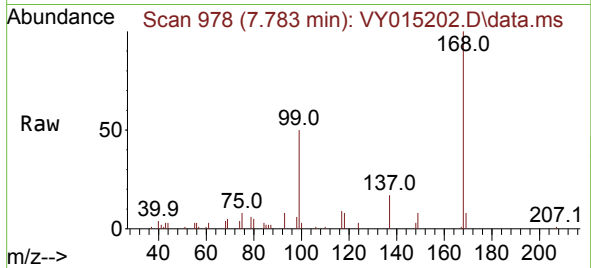




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

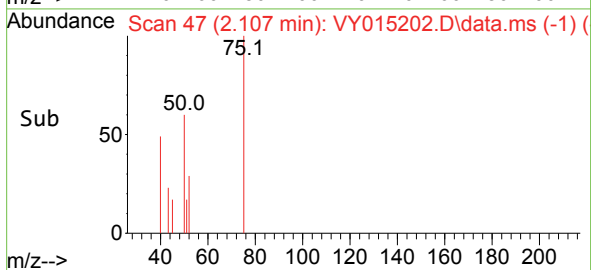
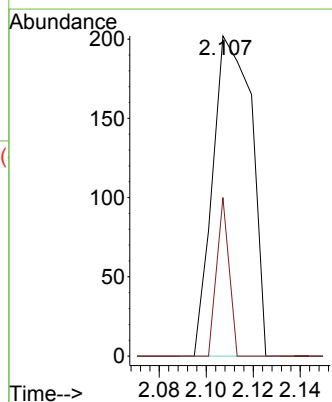
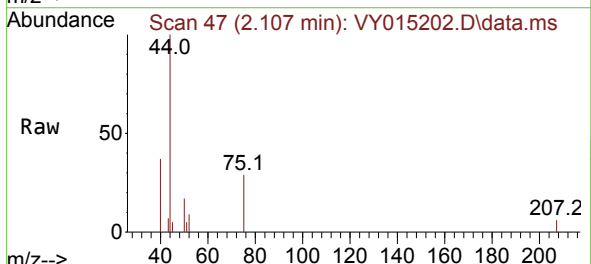
Instrument :
MSVOA_Y
ClientSampleId :

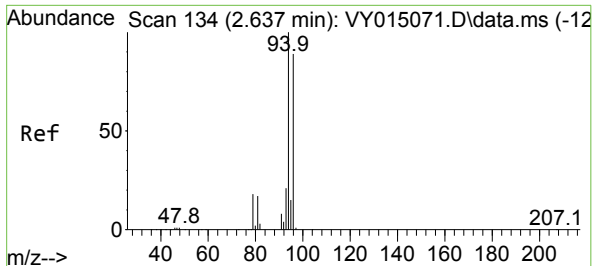
Tgt Ion:168 Resp: 18073
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

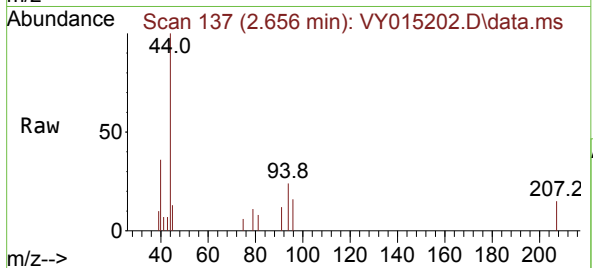
Tgt Ion: 50 Resp: 231
Ion Ratio Lower Upper
50 100
52 49.5 25.4 38.2#



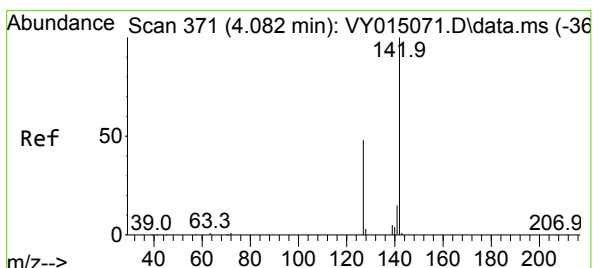
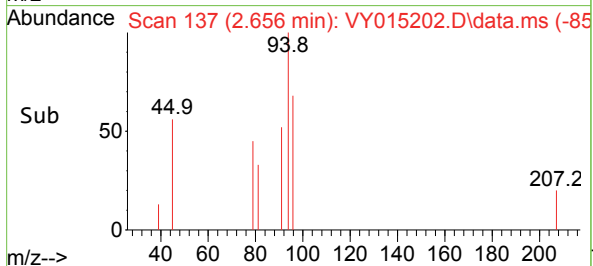
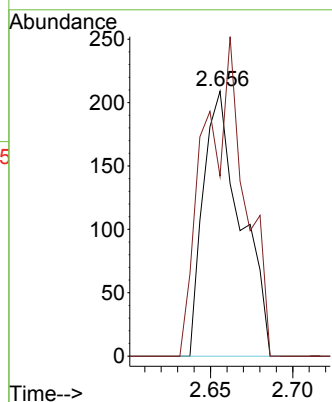


#5
Bromomethane
Concen: 1.945 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :

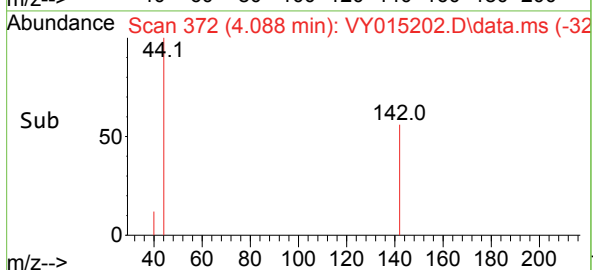
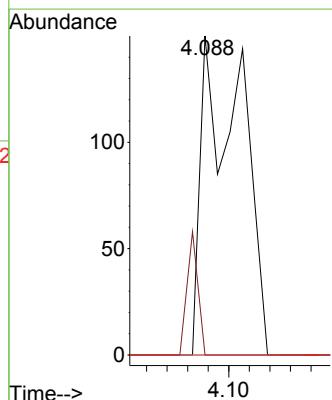
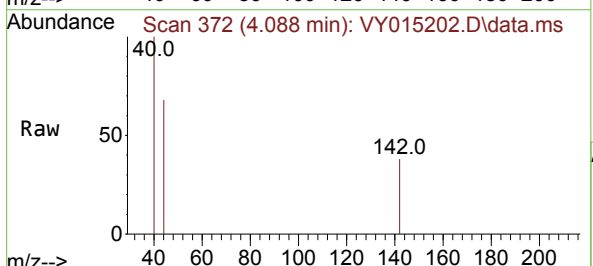


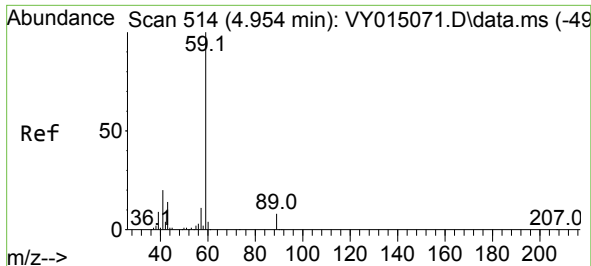
Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 67.9 75.8 113.6#



#10
Methyl Iodide
Concen: 1.373 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion:142 Resp: 203
Ion Ratio Lower Upper
142 100
127 10.3 37.6 56.4#
141 0.0 11.8 17.8#

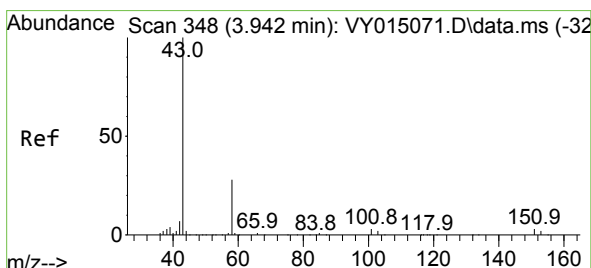
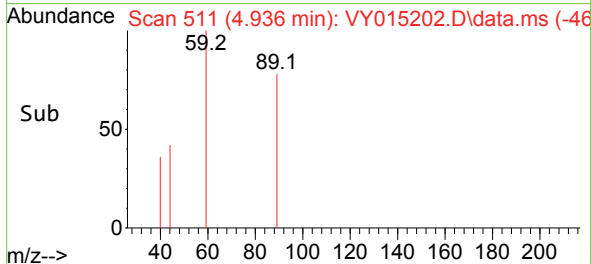
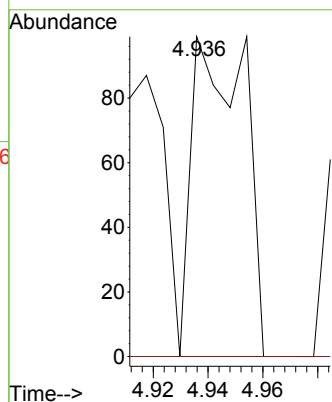
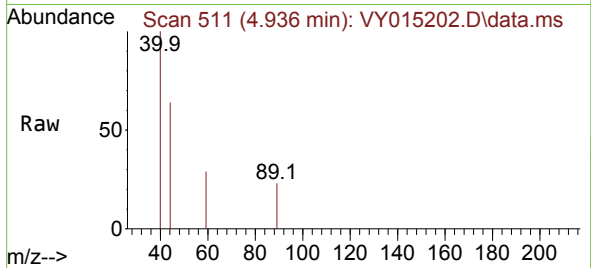




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

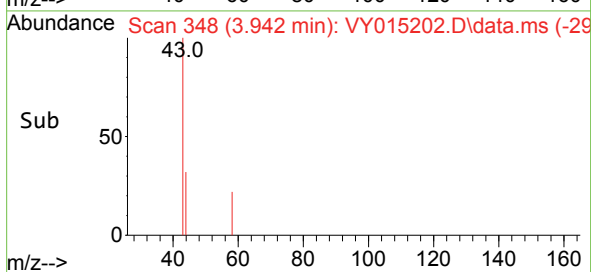
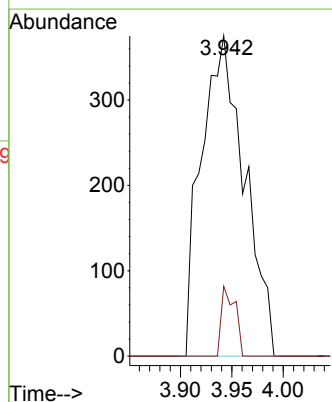
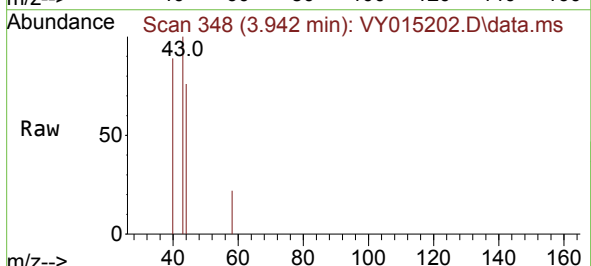
Instrument :
MSVOA_Y
ClientSampleId :

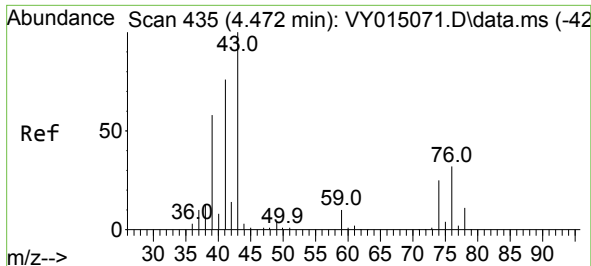
Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 15.436 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 21.9 22.7 34.1#

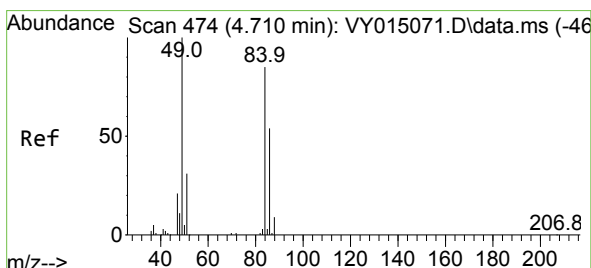
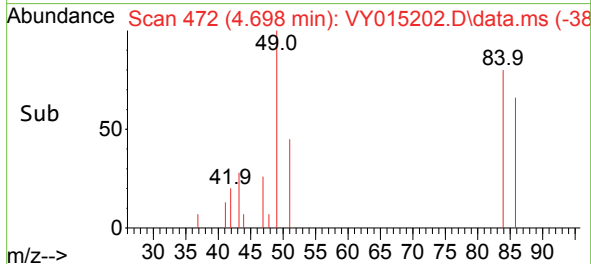
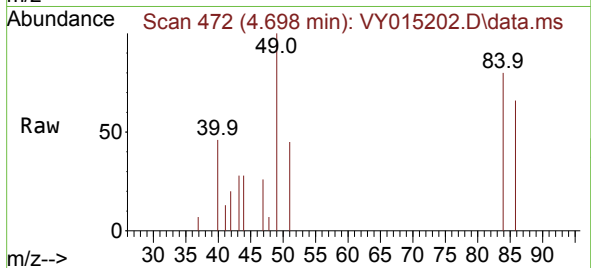




#18
Methyl Acetate
Concen: 2.314 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.232 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

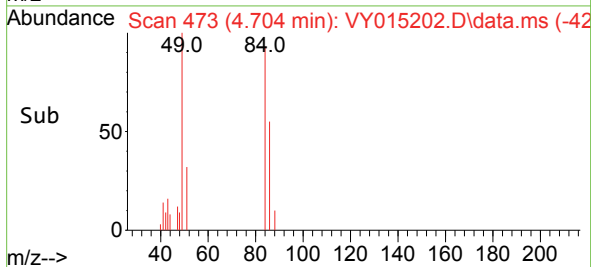
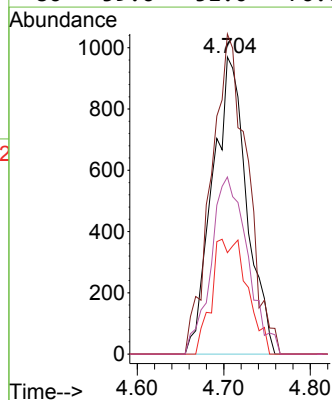
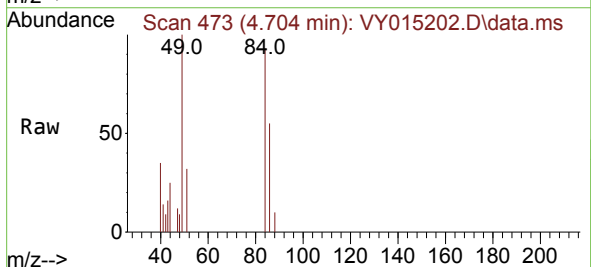
Instrument :
MSVOA_Y
ClientSampleId :

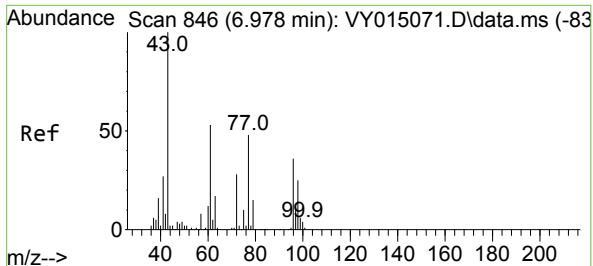
Tgt Ion: 43 Resp: 601
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#20
Methylene Chloride
Concen: 12.360 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 84 Resp: 2653
Ion Ratio Lower Upper
84 100
49 107.7 106.9 160.3
51 34.1 33.2 49.8
86 59.6 51.0 76.6

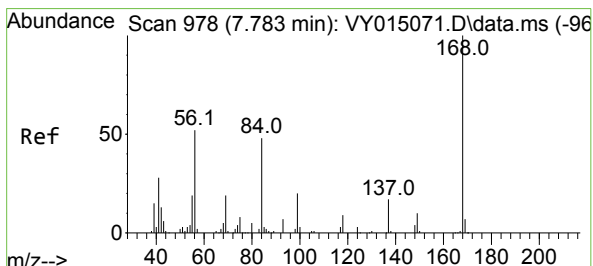
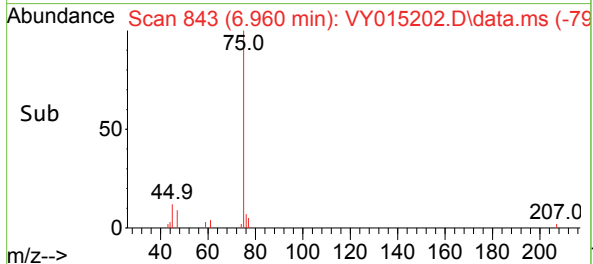
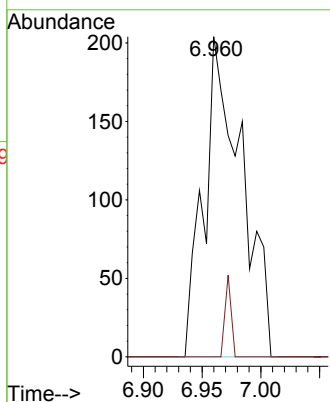
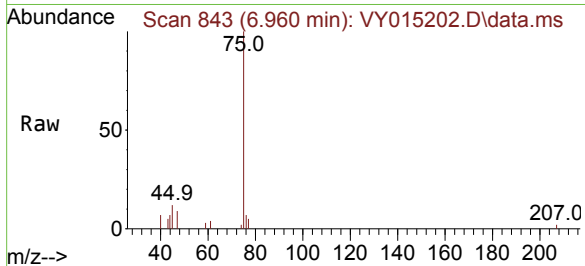




#25
2-Butanone
Concen: 4.534 ug/l
RT: 6.960 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

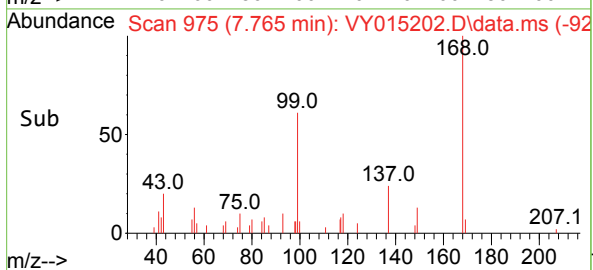
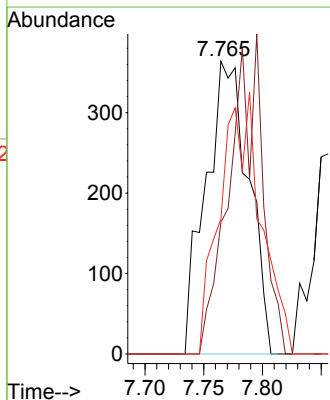
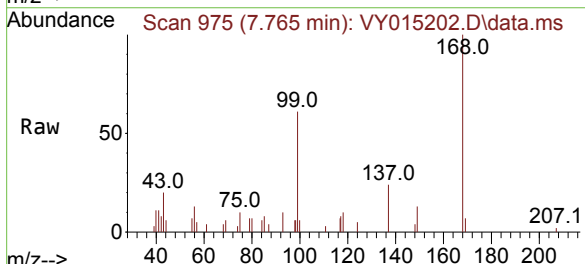
Instrument :
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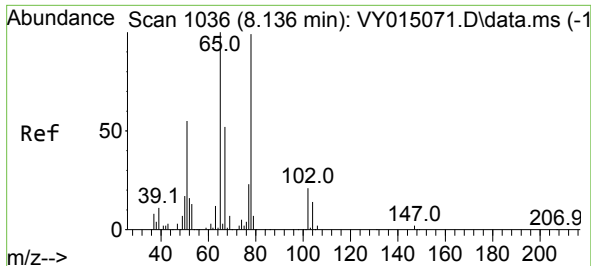
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 2.334 ug/l
RT: 7.765 min Scan# 975
Delta R.T. -0.012 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 56 Resp: 924
Ion Ratio Lower Upper
56 100
69 45.1 27.8 41.6#
84 46.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 33.671 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

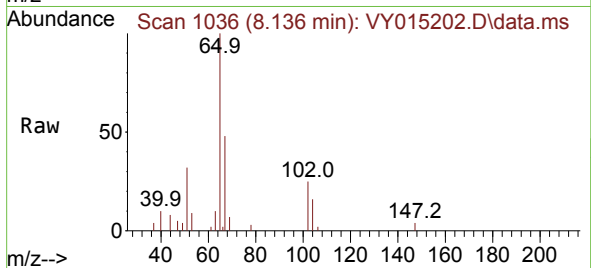
Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

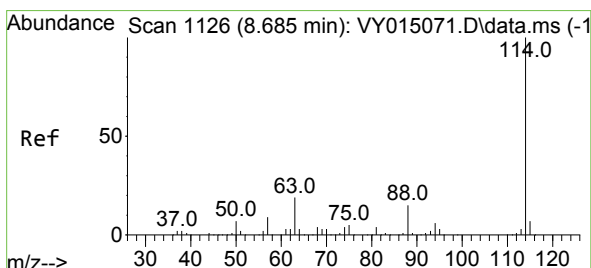
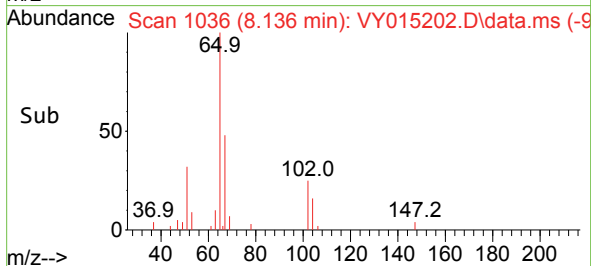
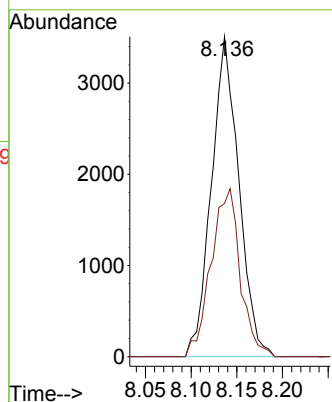


Tgt Ion: 65 Resp: 7305

Ion Ratio Lower Upper

65 100

67 56.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

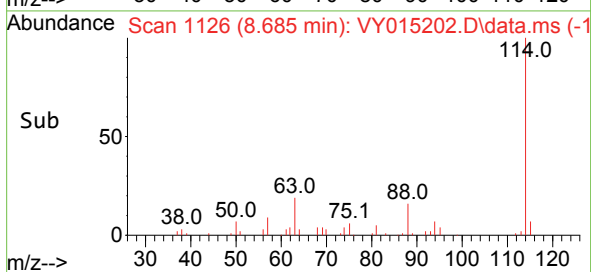
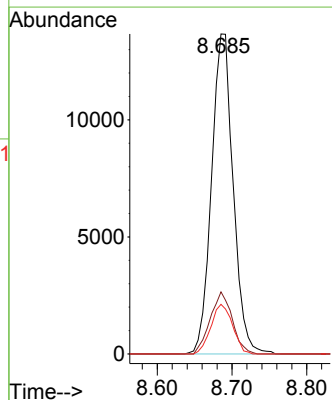
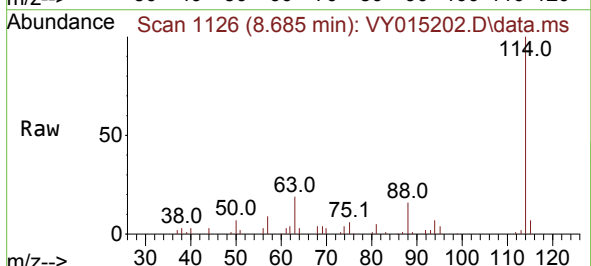
Tgt Ion: 114 Resp: 27504

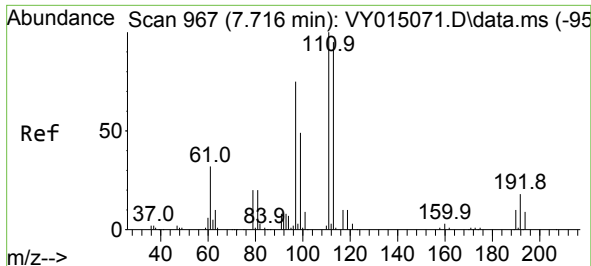
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.5 0.0 30.6

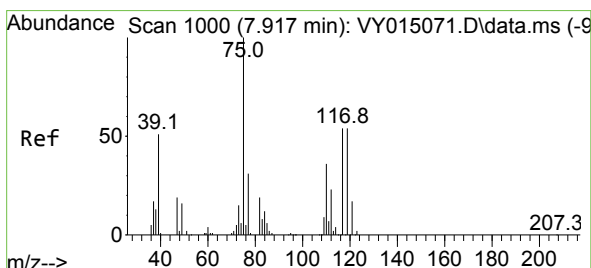
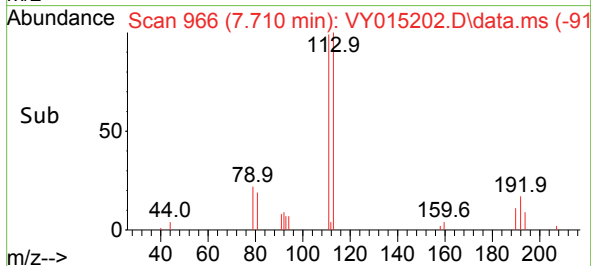
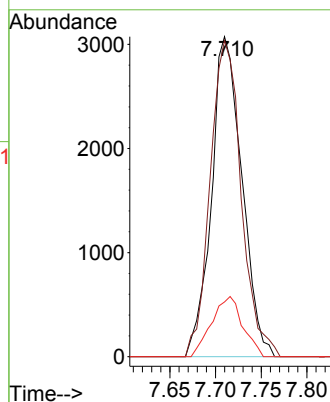
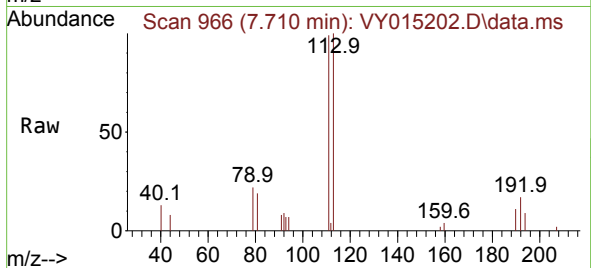




#35
Dibromofluoromethane
Concen: 40.188 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

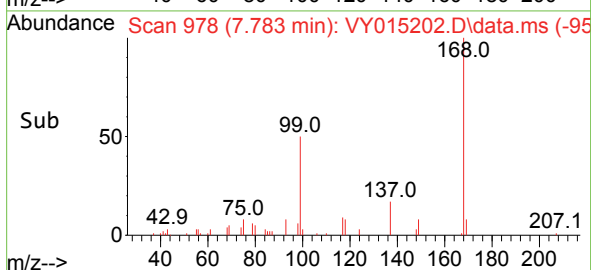
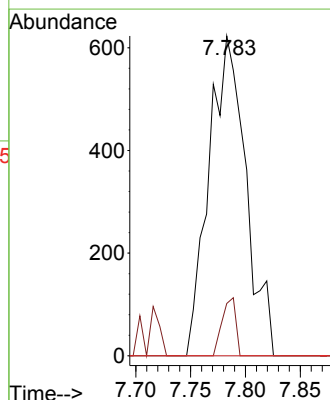
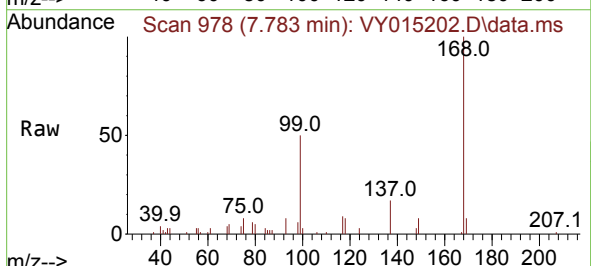
Instrument :
MSVOA_Y
ClientSampleId :

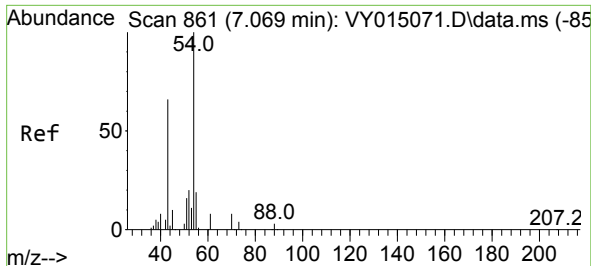
Tgt Ion:113 Resp: 7111
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.448 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 75 Resp: 1458
Ion Ratio Lower Upper
75 100
110 6.7 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.494 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.110 min

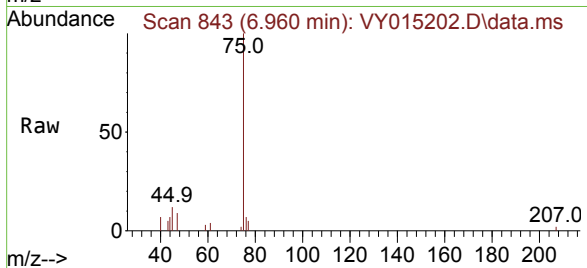
Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

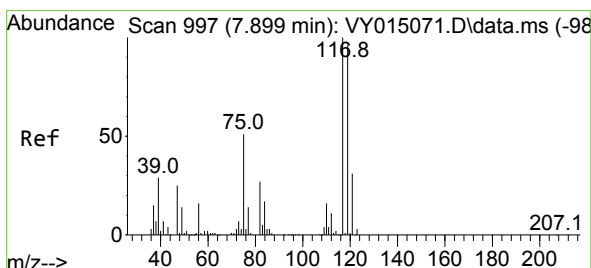
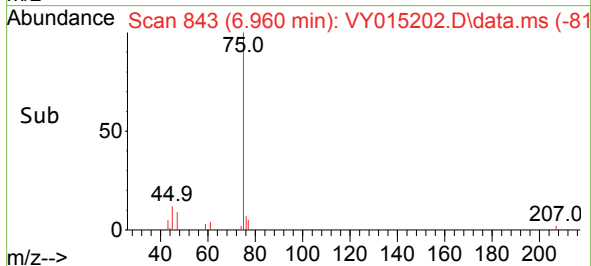
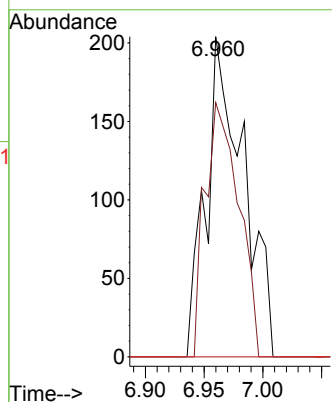
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	455
Ion	Ratio	Lower	Upper
43	100		
61	71.4	10.1	15.1#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 7.437 ug/l

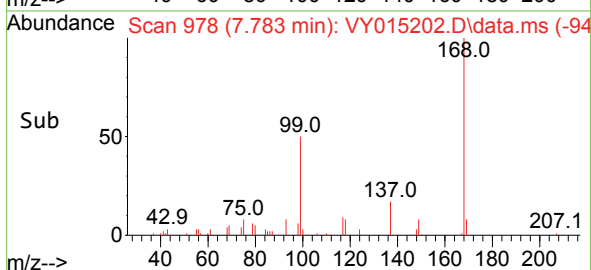
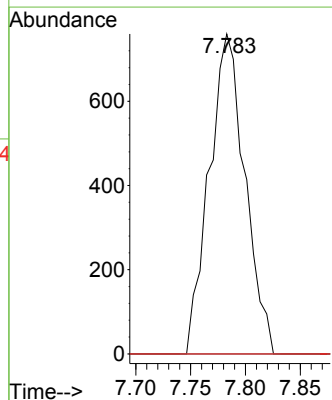
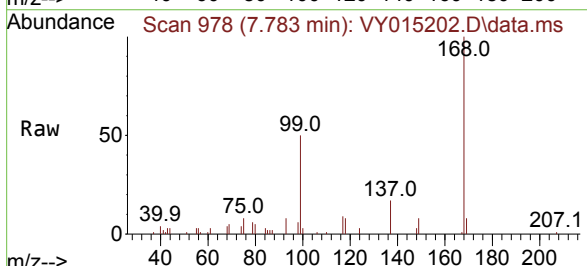
RT: 7.783 min Scan# 978

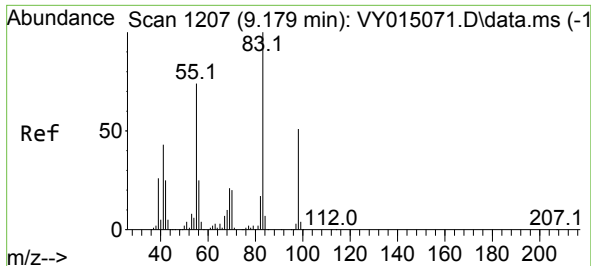
Delta R.T. -0.116 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Tgt Ion:	117	Resp:	1723
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.4	114.6#
121	0.0	25.8	38.6#





#39

Methylcyclohexane

Concen: 2.556 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. 0.000 min

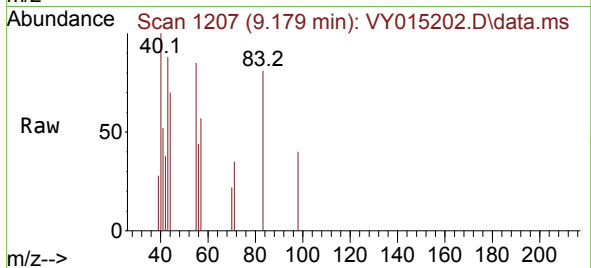
Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :



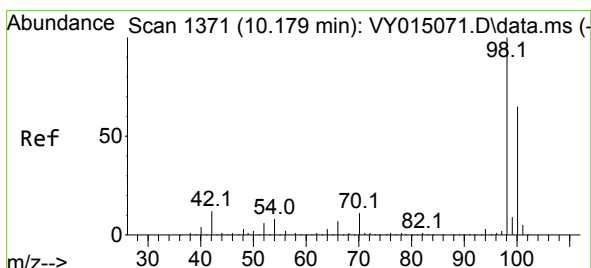
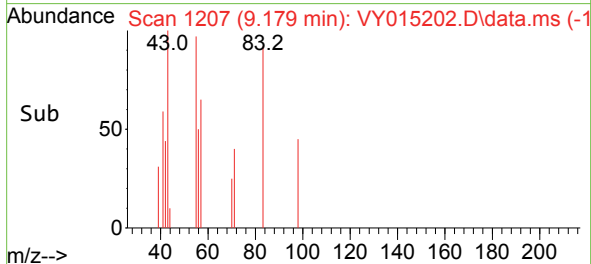
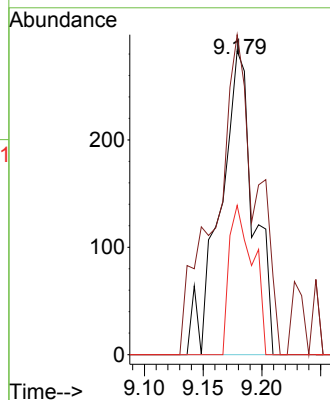
Tgt Ion: 83 Resp: 561

Ion Ratio Lower Upper

83 100

55 105.3 63.0 94.4#

98 49.1 37.4 56.2



#50

Toluene-d8

Concen: 47.317 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015202.D

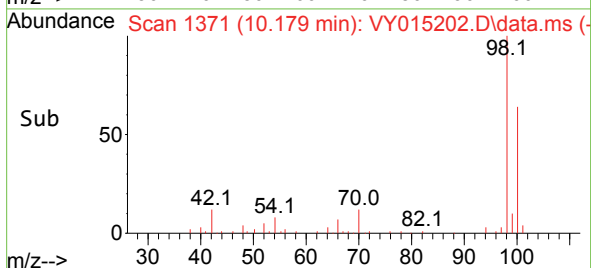
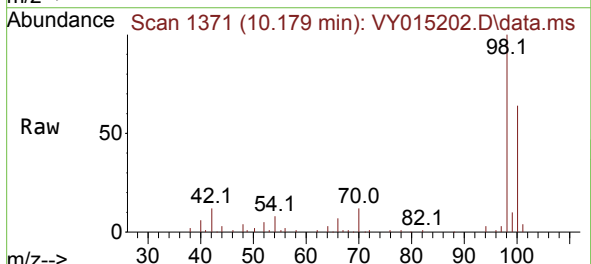
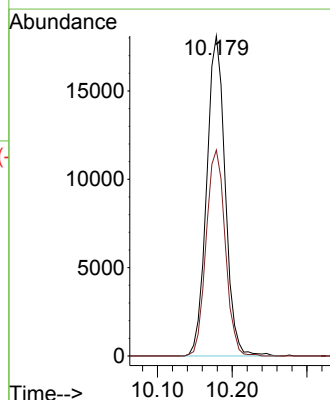
Acq: 18 Aug 2023 17:46

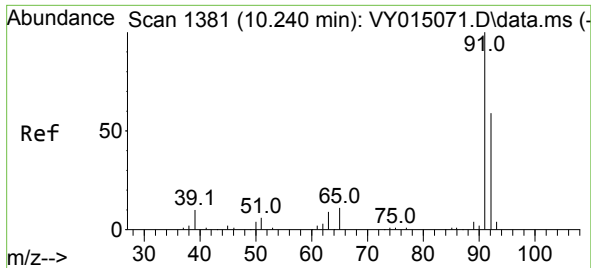
Tgt Ion: 98 Resp: 31167

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1

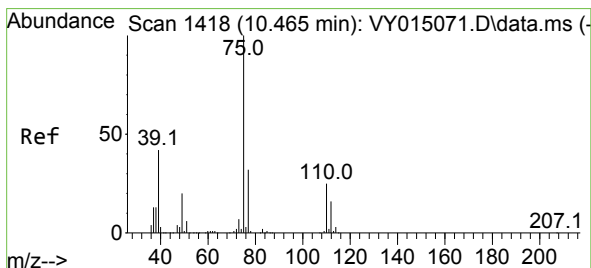
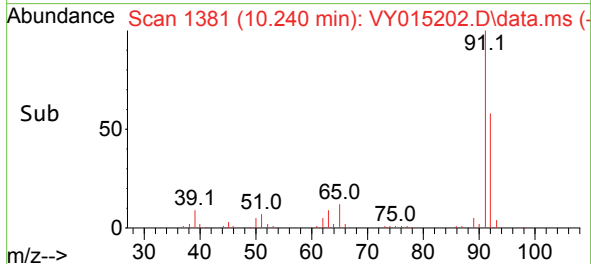
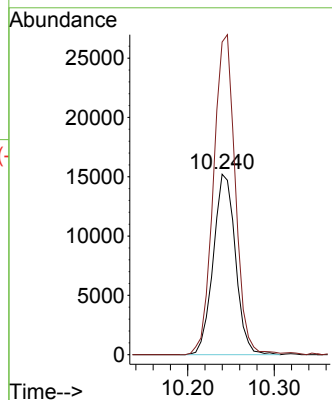
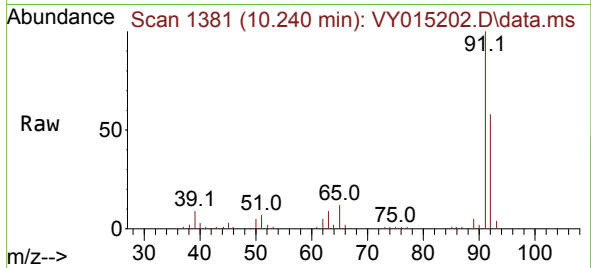




#52
Toluene
Concen: 69.372 ug/l
RT: 10.240 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

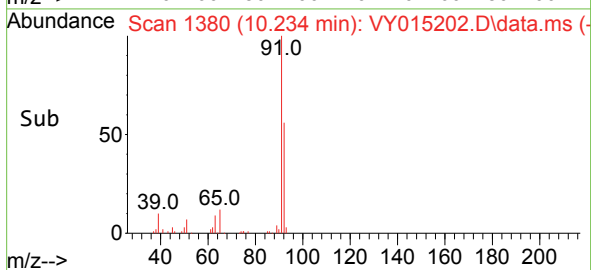
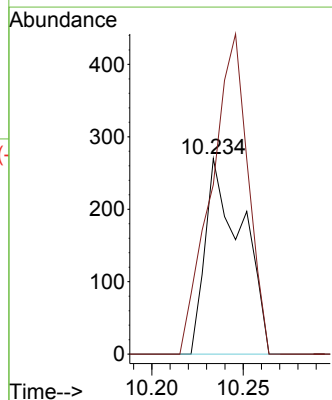
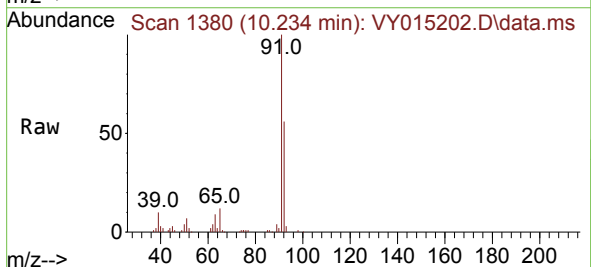
Instrument :
MSVOA_Y
ClientSampleId :

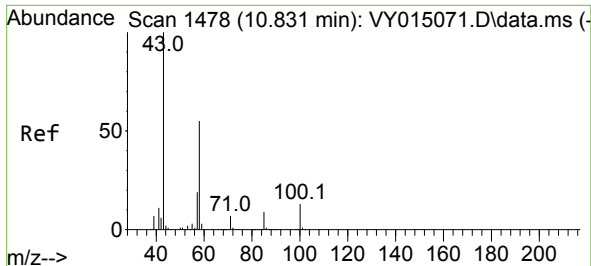
Tgt Ion: 92 Resp: 27061
Ion Ratio Lower Upper
92 100
91 174.3 143.8 215.6



#53
t-1,3-Dichloropropene
Concen: 1.428 ug/l
RT: 10.234 min Scan# 1380
Delta R.T. -0.232 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 75 Resp: 377
Ion Ratio Lower Upper
75 100
77 86.7 25.0 37.4#

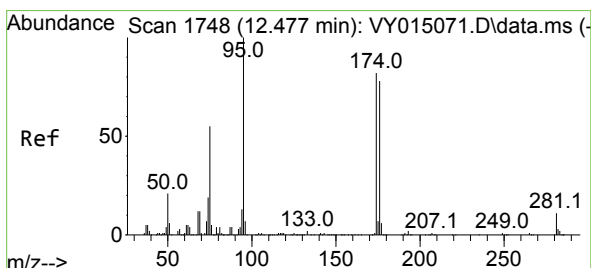
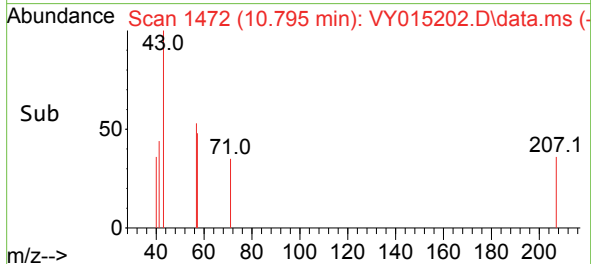
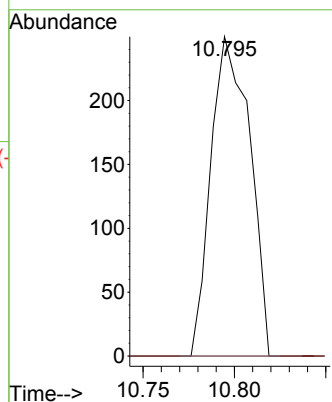
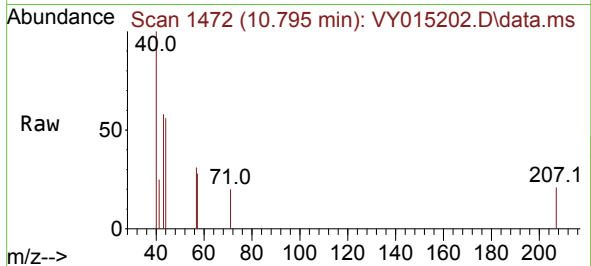




#59
2-Hexanone
Concen: 2.596 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. -0.036 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

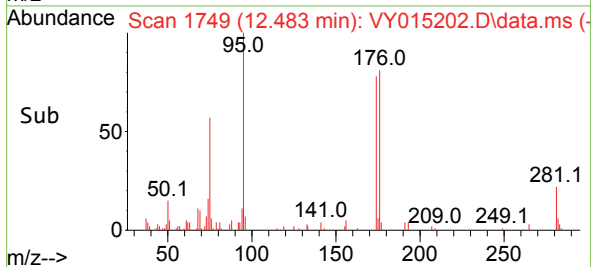
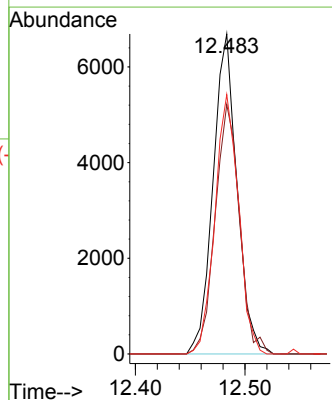
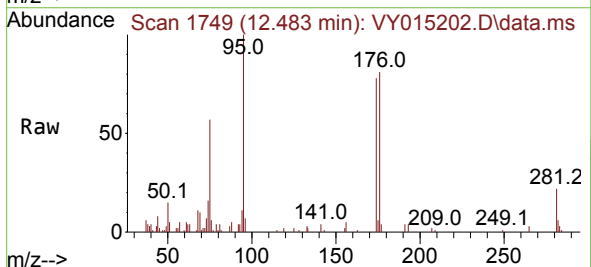
Instrument :
MSVOA_Y
ClientSampleId :

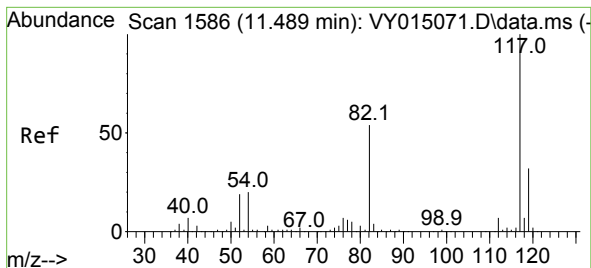
Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
58 0.0 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 42.169 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 95 Resp: 10145
Ion Ratio Lower Upper
95 100
174 79.1 0.0 178.2
176 80.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

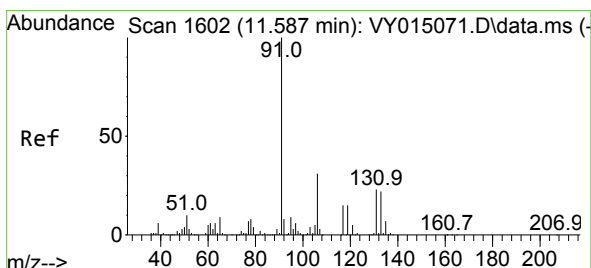
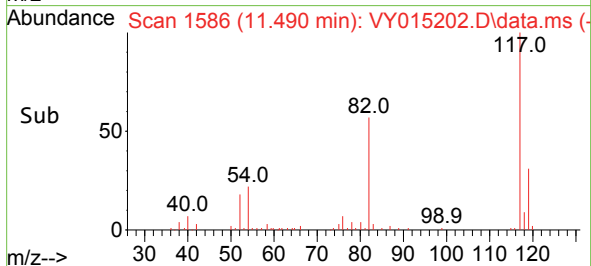
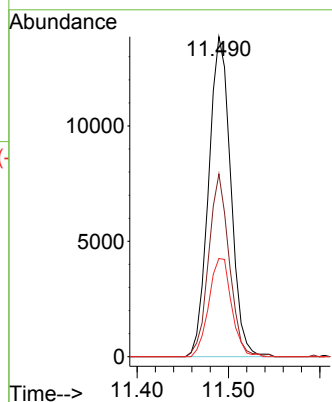
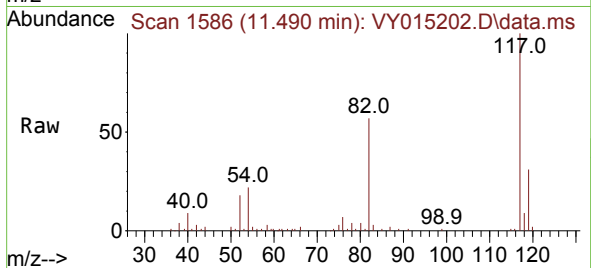
Tgt Ion:117 Resp: 23276

Ion Ratio Lower Upper

117 100

82 57.1 43.4 65.0

119 30.7 26.3 39.5



#67

Ethyl Benzene

Concen: 26.372 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015202.D

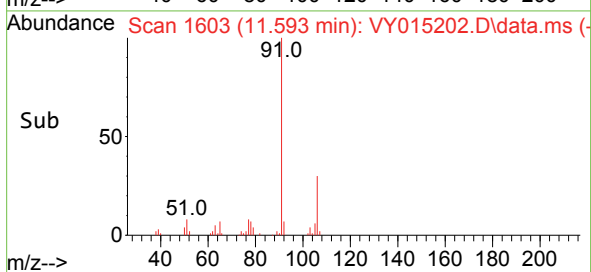
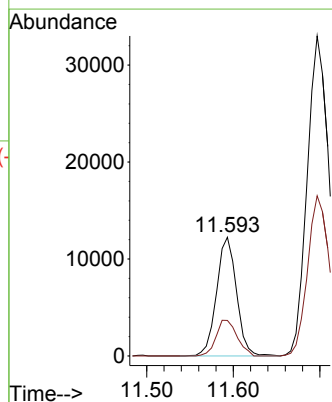
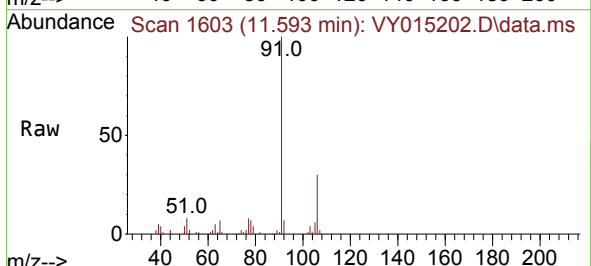
Acq: 18 Aug 2023 17:46

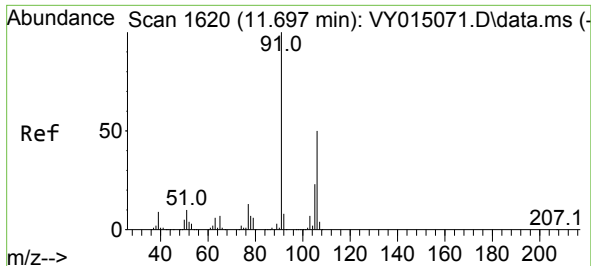
Tgt Ion: 91 Resp: 19596

Ion Ratio Lower Upper

91 100

106 30.0 24.6 36.8

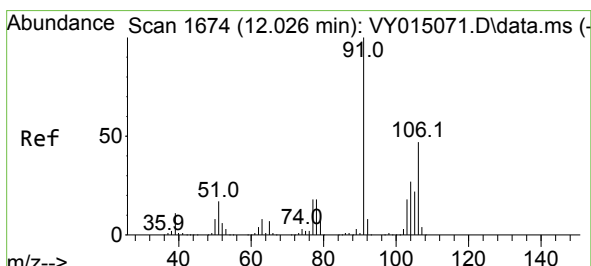
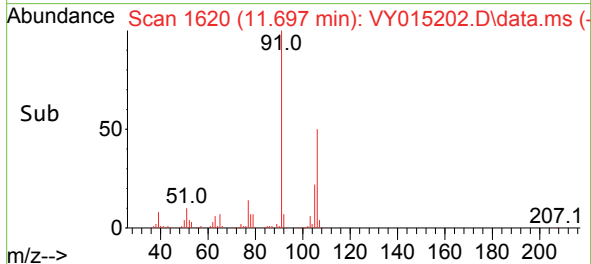
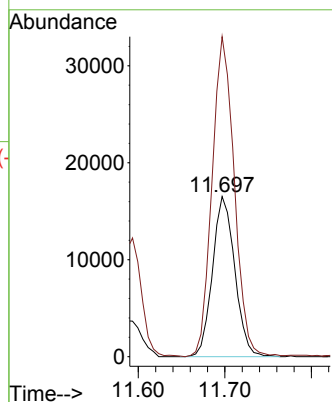
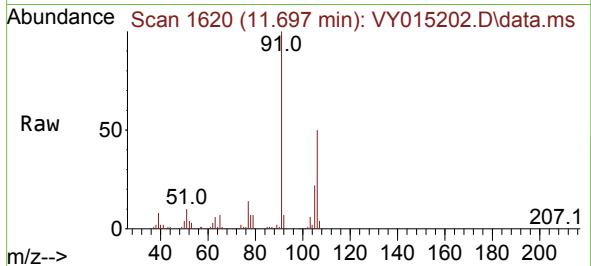




#68
m/p-Xylenes
Concen: 104.680 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

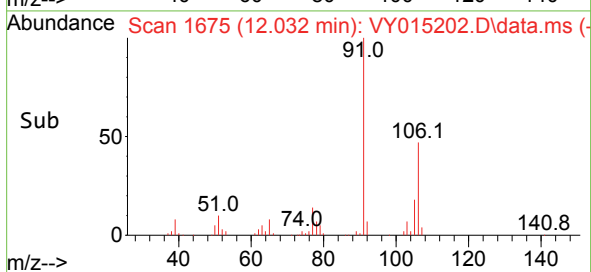
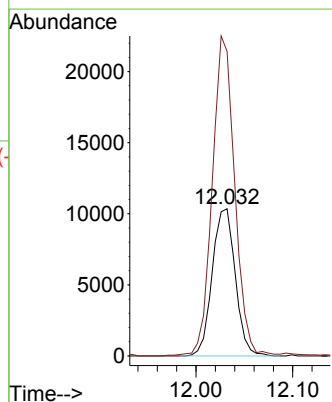
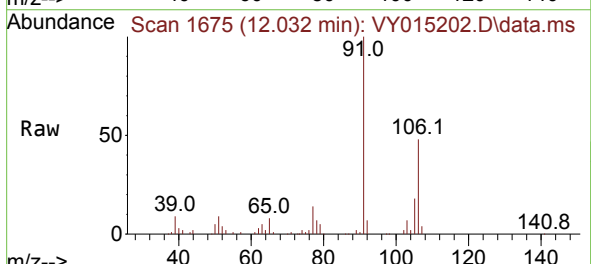
Instrument :
MSVOA_Y
ClientSampleId :

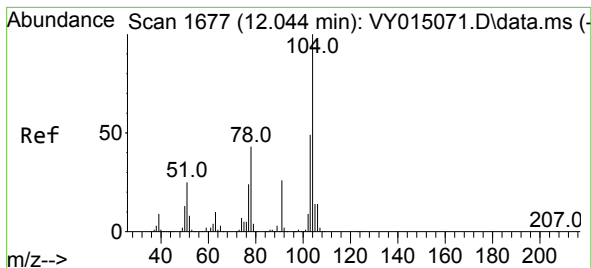
Tgt Ion:106 Resp: 29542
Ion Ratio Lower Upper
106 100
91 199.4 166.1 249.1



#69
o-Xylene
Concen: 60.985 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion:106 Resp: 17145
Ion Ratio Lower Upper
106 100
91 211.5 108.1 324.3





#70

Styrene

Concen: 1.846 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

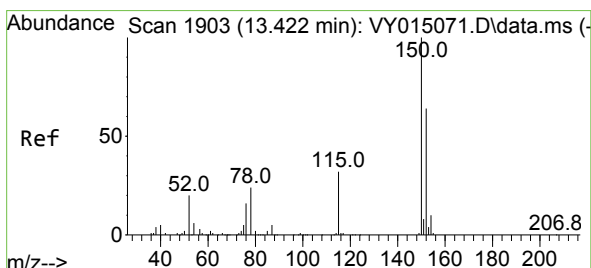
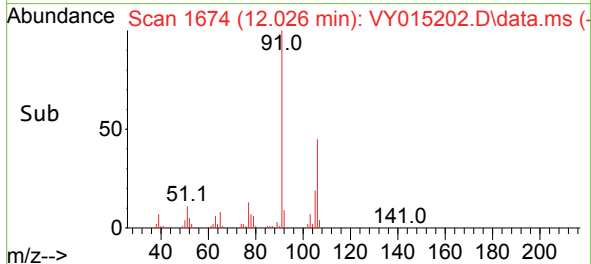
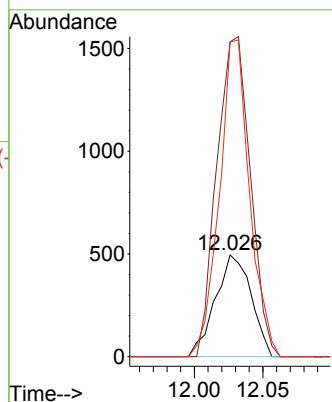
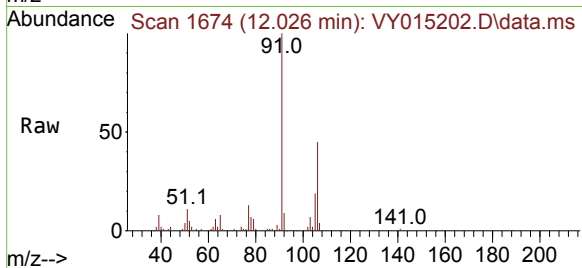
Tgt Ion:104 Resp: 898

Ion Ratio Lower Upper

104 100

78 295.3 41.5 62.3#

103 263.6 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: VY015202.D

Acq: 18 Aug 2023 17:46

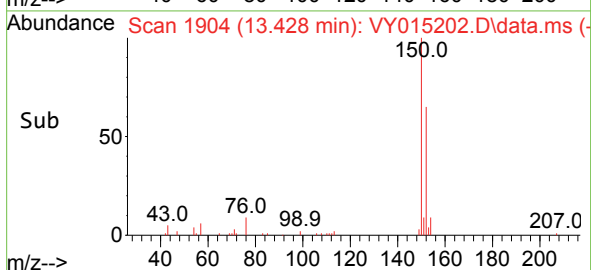
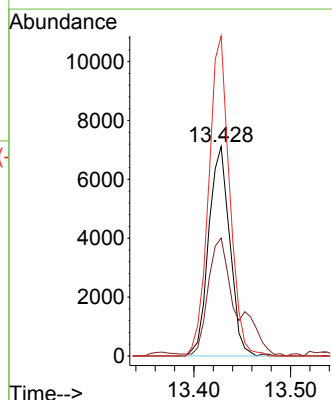
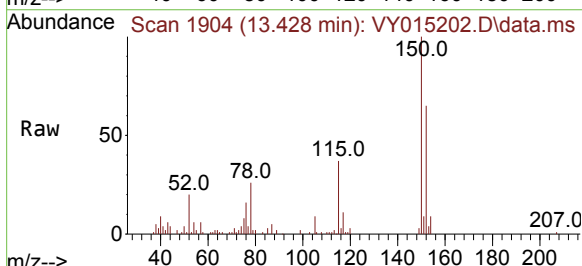
Tgt Ion:152 Resp: 10796

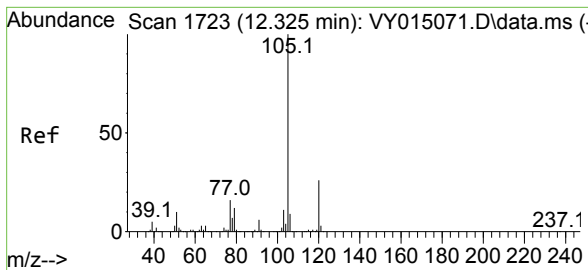
Ion Ratio Lower Upper

152 100

115 75.8 28.8 86.5

150 151.3 0.0 348.8

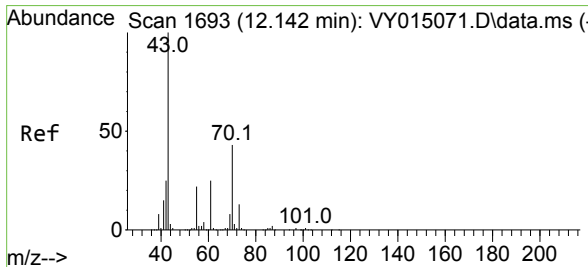
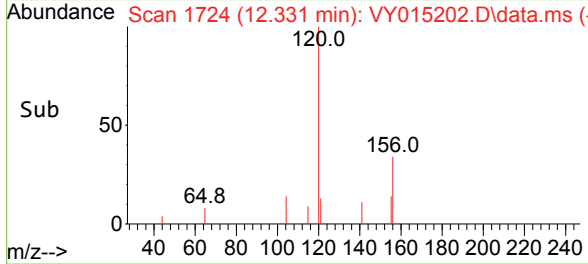
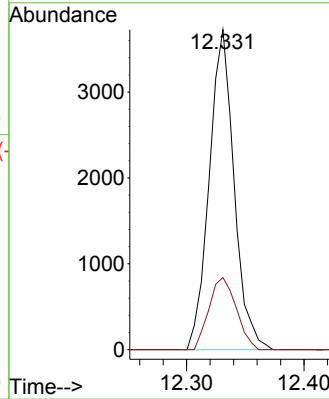
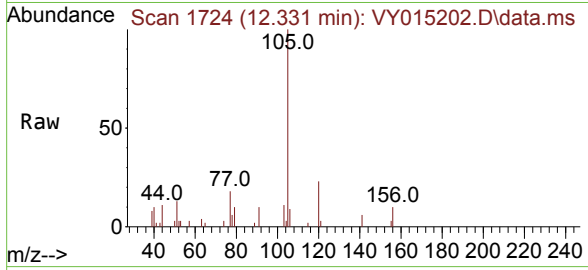




#73
Isopropylbenzene
Concen: 7.887 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

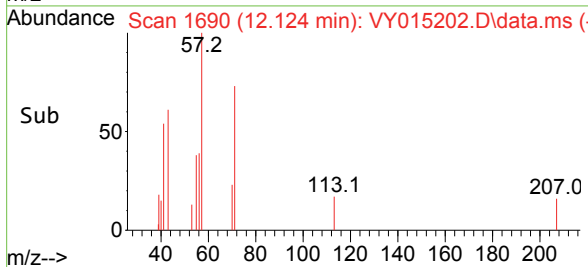
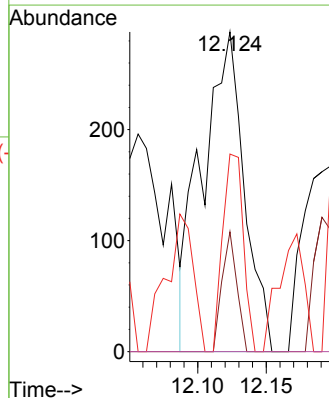
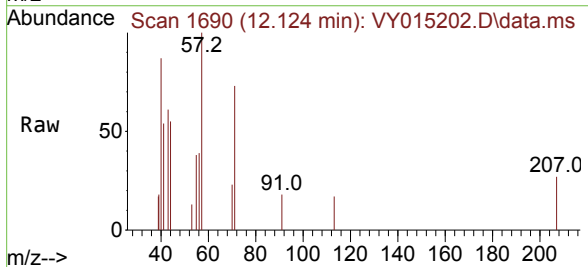
Instrument :
MSVOA_Y
ClientSampleId :

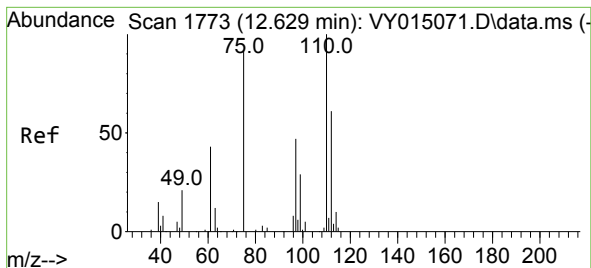
Tgt Ion:105 Resp: 5475
Ion Ratio Lower Upper
105 100
120 24.7 13.3 39.9



#74
N-ethyl acetate
Concen: 2.458 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
70 13.1 29.7 44.5#
55 30.2 18.3 27.5#
61 0.0 17.5 26.3#





#76

1,2,3-Trichloropropane

Concen: 1.357 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.037 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Instrument :

MSVOA_Y

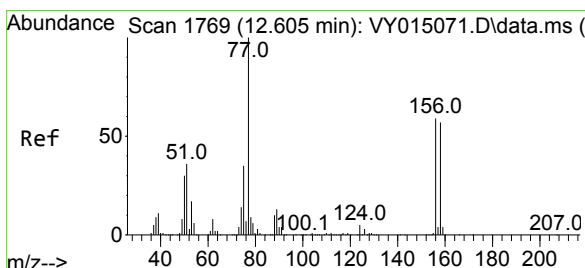
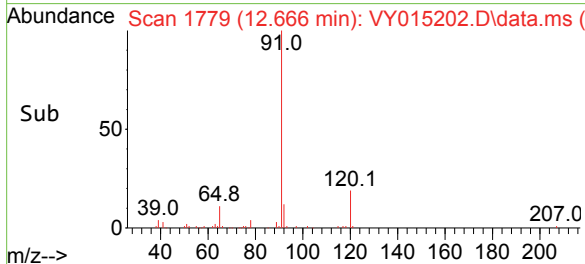
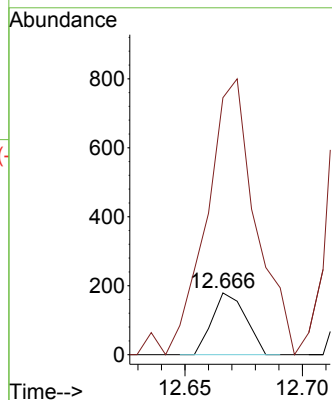
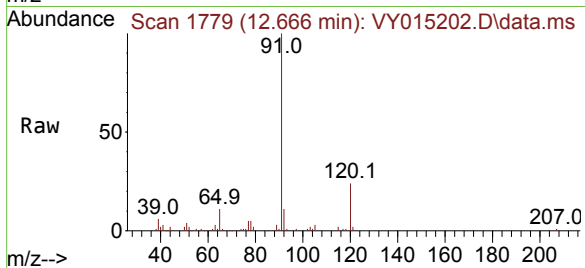
ClientSampleId :

Tgt Ion: 75 Resp: 178

Ion Ratio Lower Upper

75 100

77 661.2 0.0 0.0#



#77

Bromobenzene

Concen: 3.404 ug/l

RT: 12.361 min Scan# 1729

Delta R.T. -0.244 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

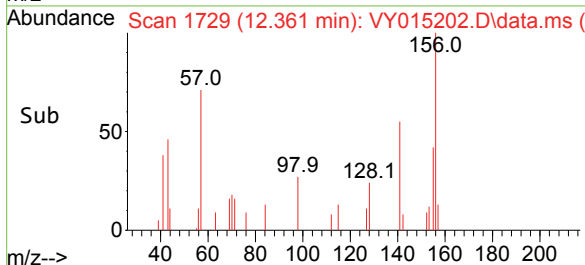
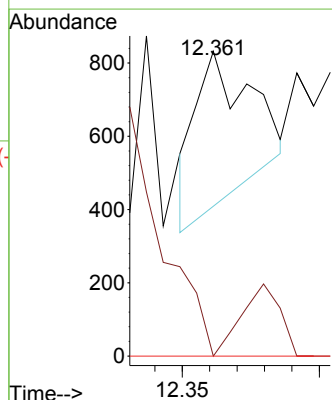
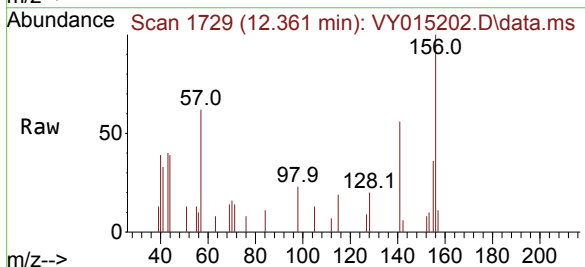
Tgt Ion: 156 Resp: 576

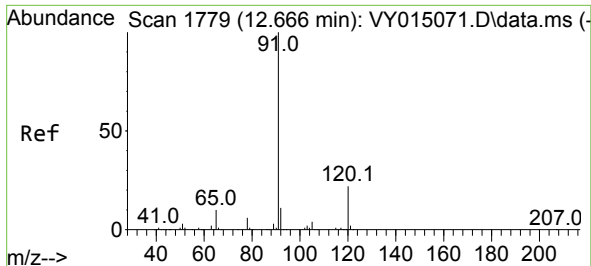
Ion Ratio Lower Upper

156 100

77 0.0 92.8 278.6#

158 0.0 48.4 145.3#

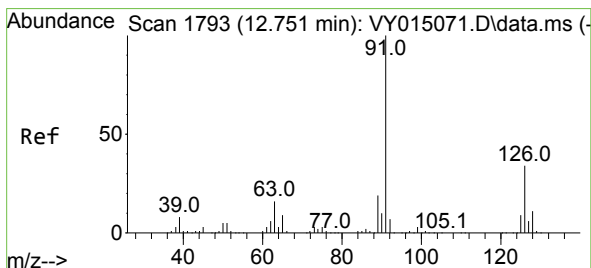
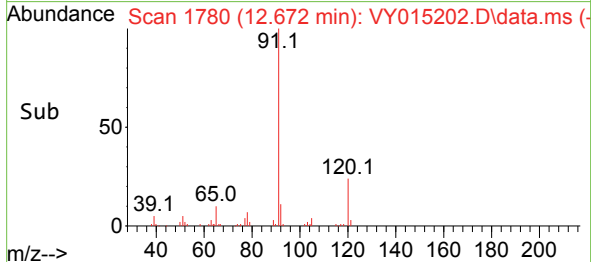
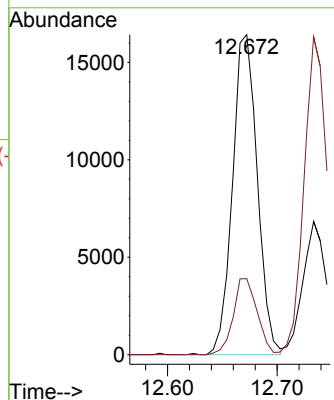
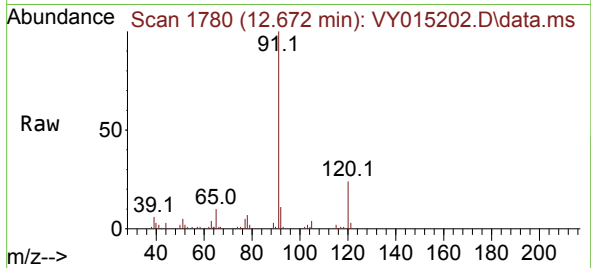




#78
n-propylbenzene
Concen: 31.338 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

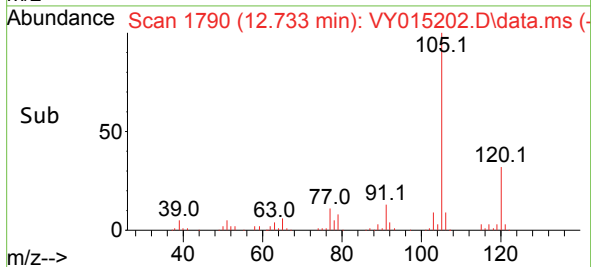
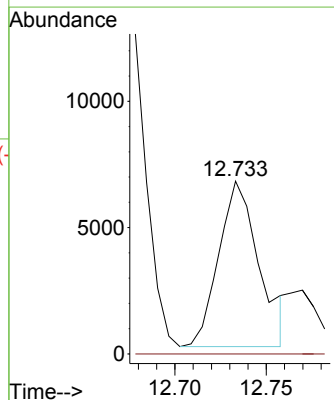
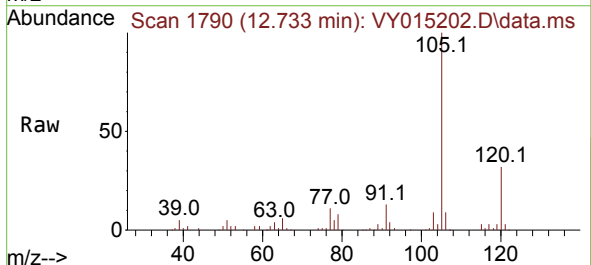
Instrument :
MSVOA_Y
ClientSampleId :

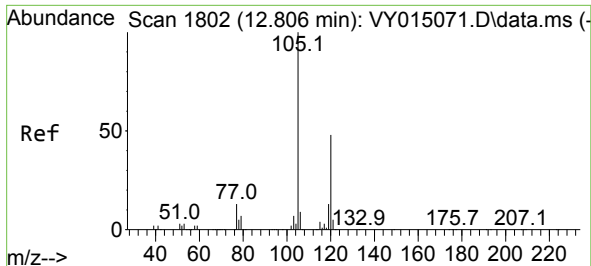
Tgt Ion: 91 Resp: 25834
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4



#79
2-Chlorotoluene
Concen: 21.114 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 91 Resp: 10041
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#

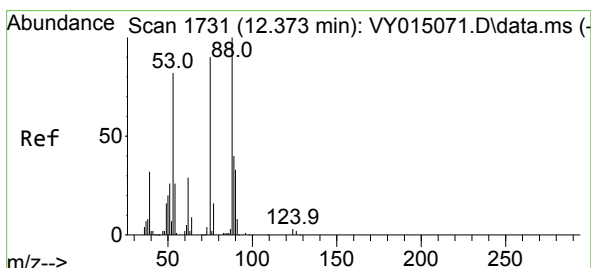
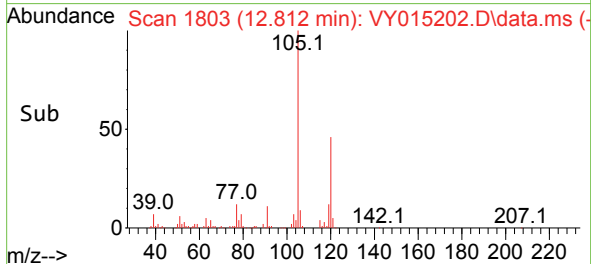
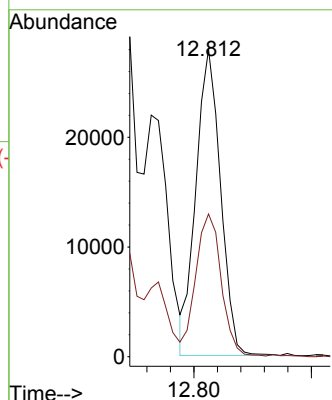
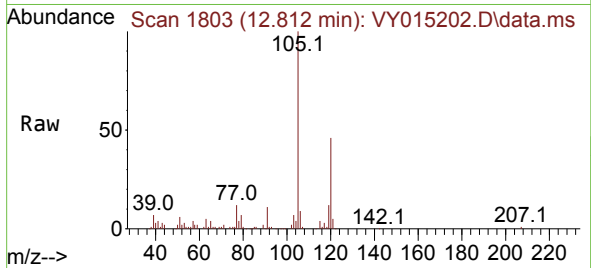




#80
1,3,5-Trimethylbenzene
Concen: 70.011 ug/l
RT: 12.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

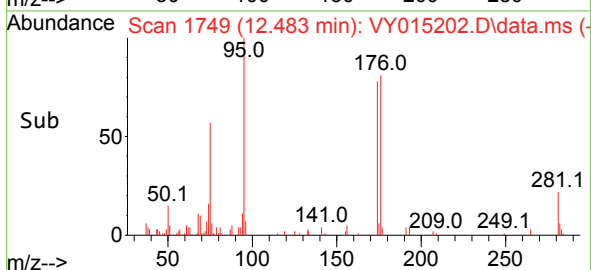
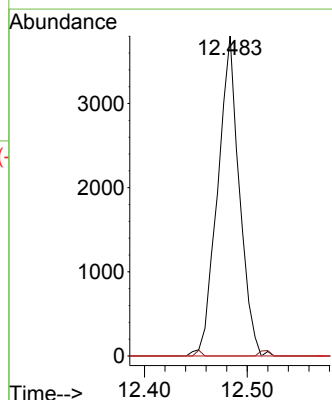
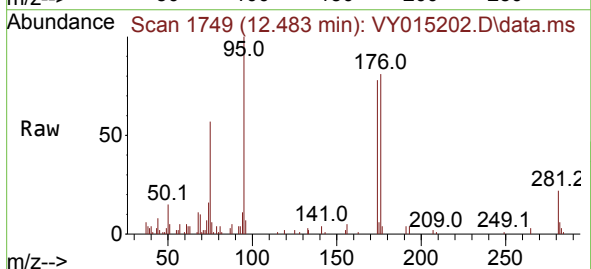
Instrument :
MSVOA_Y
ClientSampleId :

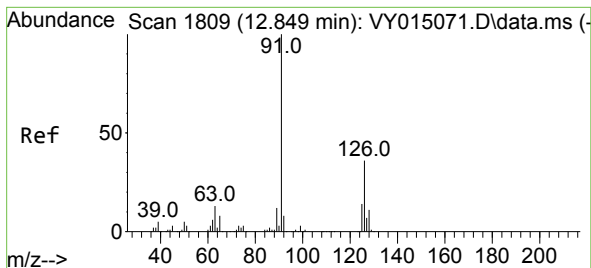
Tgt Ion:105 Resp: 40514
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7



#81
trans-1,4-Dichloro-2-butene
Concen: 93.259 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 75 Resp: 5569
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

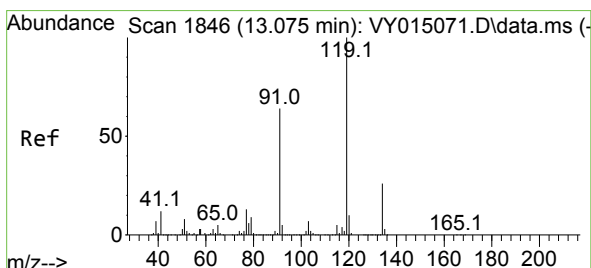
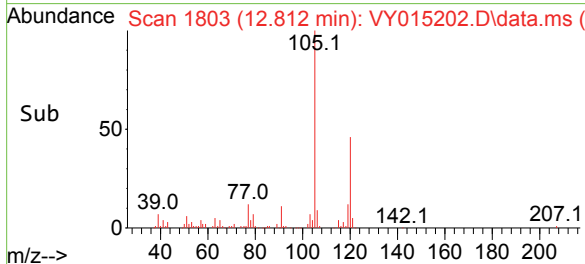
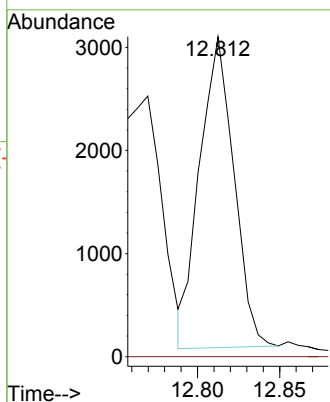
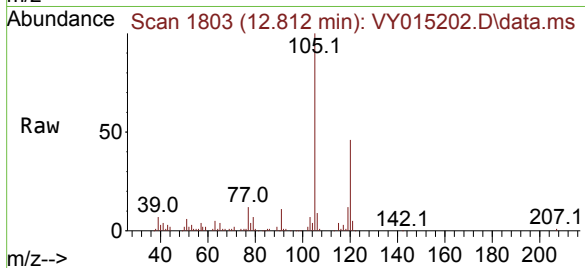




#82
4-Chlorotoluene
Concen: 8.868 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

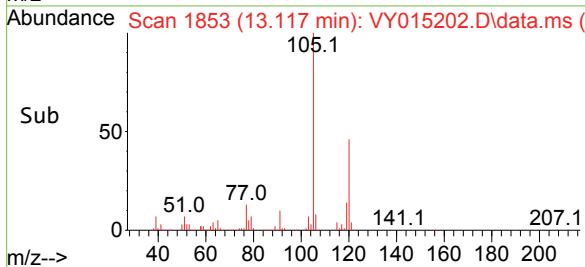
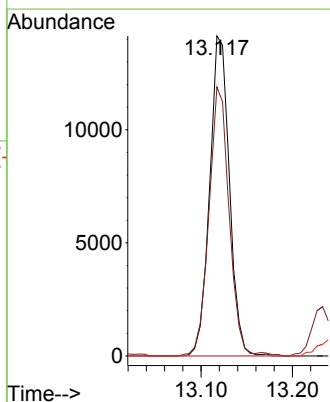
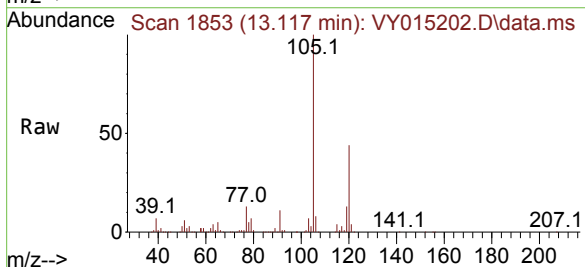
Instrument :
MSVOA_Y
ClientSampleId :

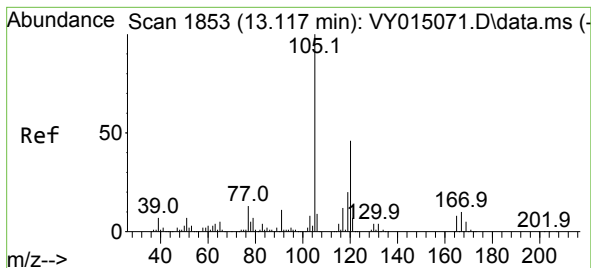
Tgt Ion: 91 Resp: 4357
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 40.100 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.043 min
Lab File: VY015202.D
Acq: 18 Aug 2023 17:46

Tgt Ion: 119 Resp: 21225
Ion Ratio Lower Upper
119 100
91 85.6 32.9 98.6
134 0.0 13.0 38.9#





#84

1,2,4-Trimethylbenzene

Concen: 293.994 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Instrument :

MSVOA_Y

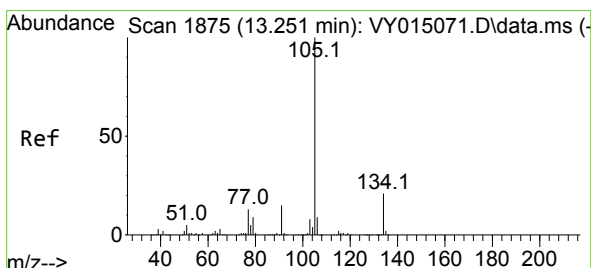
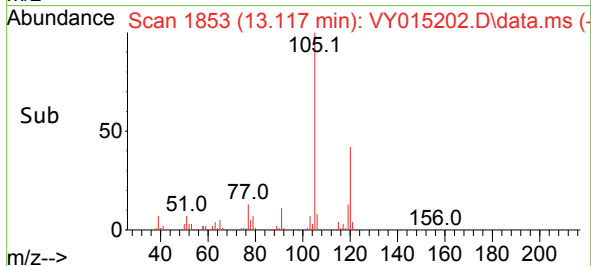
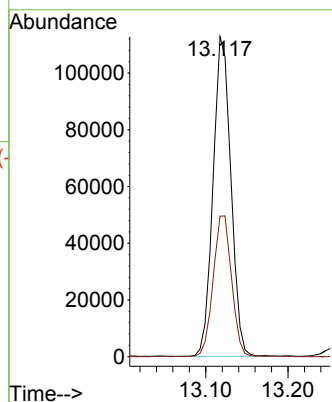
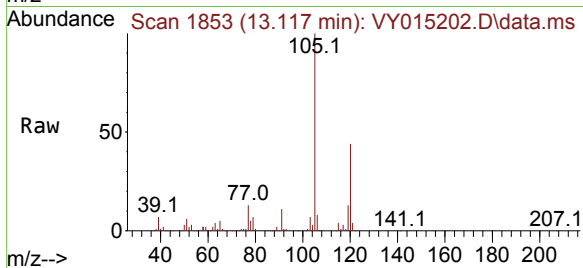
ClientSampleId :

Tgt Ion:105 Resp: 170002

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6



#85

sec-Butylbenzene

Concen: 219.206 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.134 min

Lab File: VY015202.D

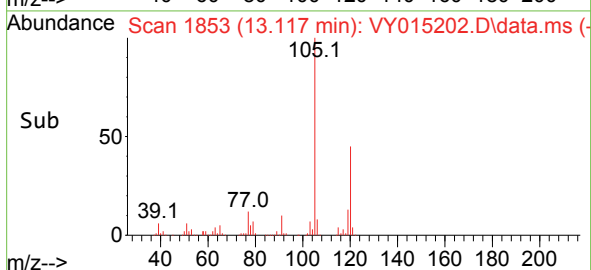
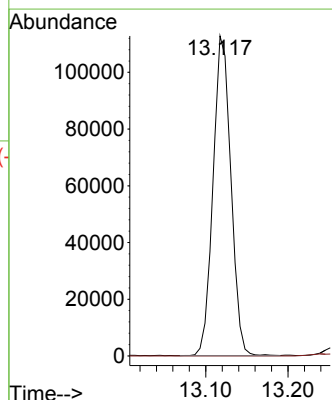
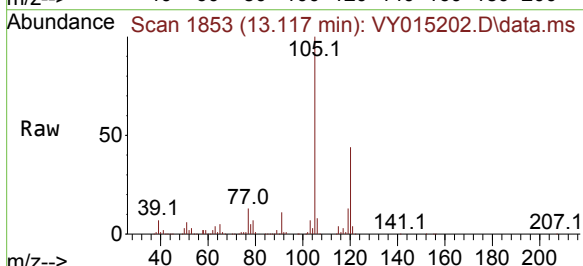
Acq: 18 Aug 2023 17:46

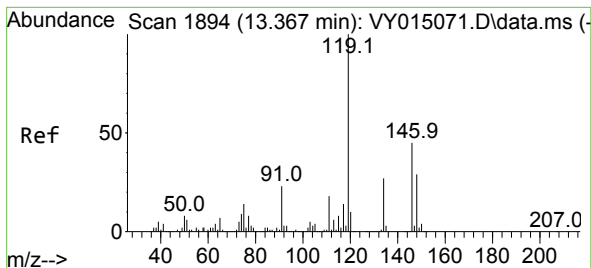
Tgt Ion:105 Resp: 170002

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#





#86

p-Isopropyltoluene

Concen: 3.712 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015202.D

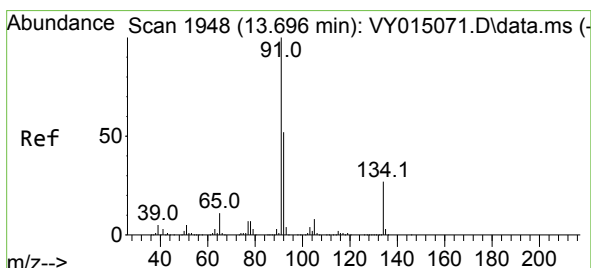
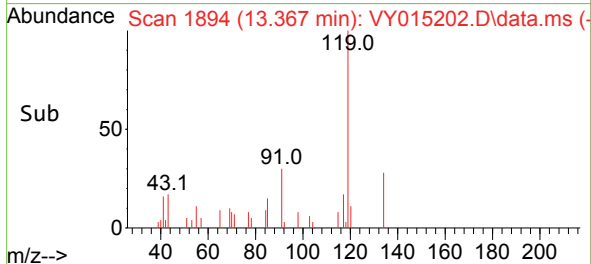
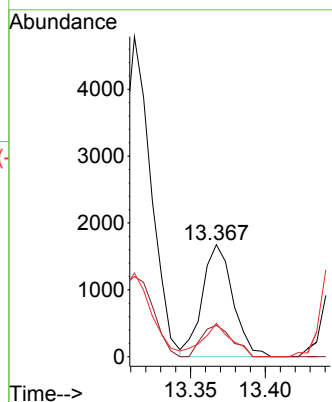
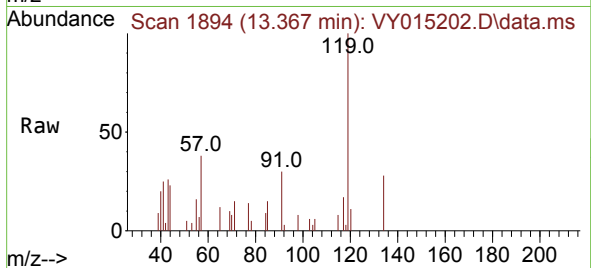
Acq: 18 Aug 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	119	Resp:	2387
Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.3	39.8
91	28.1	12.4	37.4



#89

n-Butylbenzene

Concen: 13.092 ug/l

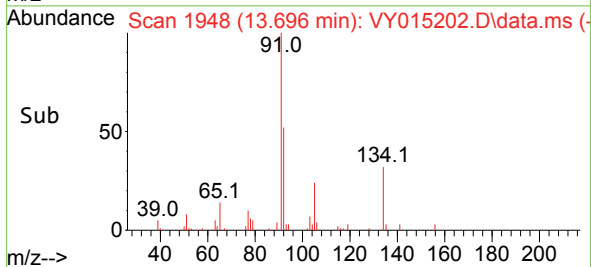
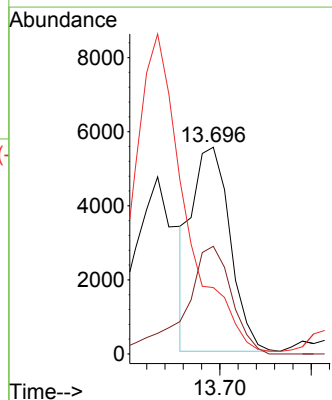
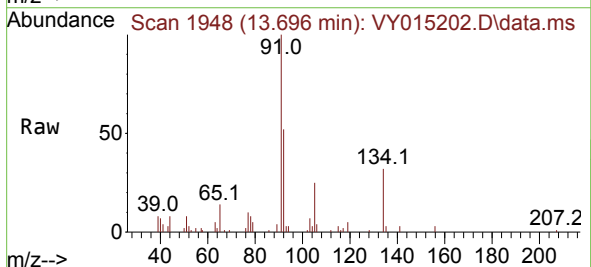
RT: 13.696 min Scan# 1948

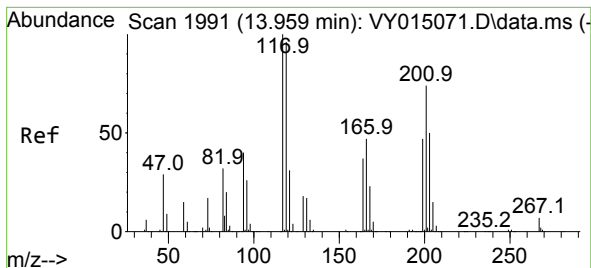
Delta R.T. 0.000 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Tgt Ion:	91	Resp:	7937
Ion	Ratio	Lower	Upper
91	100		
92	65.4	25.4	76.0
134	0.0	12.6	37.6





#90

Hexachloroethane

Concen: 29.061 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

Instrument :

MSVOA_Y

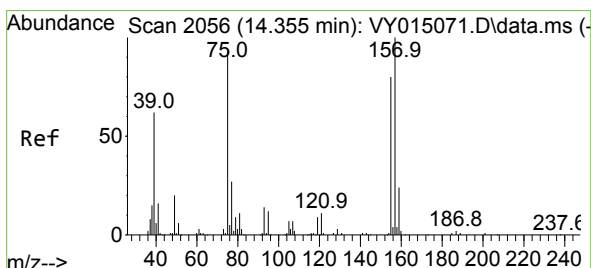
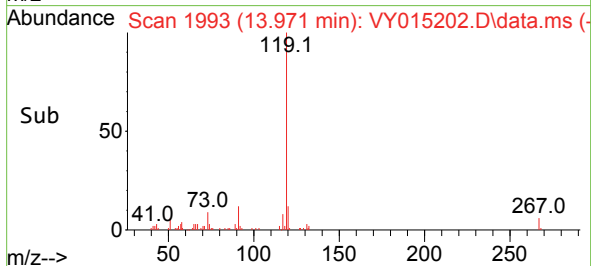
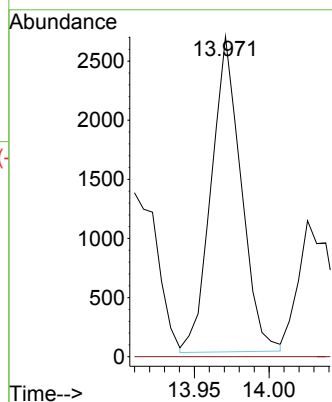
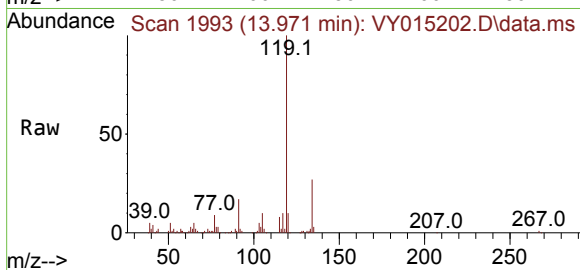
ClientSampleId :

Tgt Ion:117 Resp: 3707

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.936 ug/l

RT: 14.324 min Scan# 2051

Delta R.T. -0.030 min

Lab File: VY015202.D

Acq: 18 Aug 2023 17:46

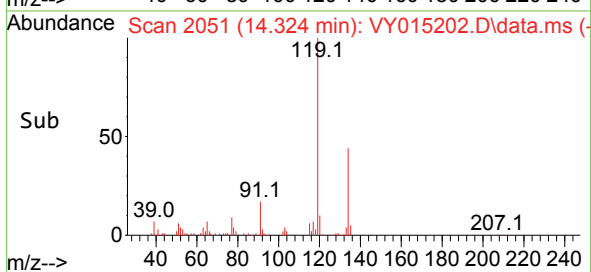
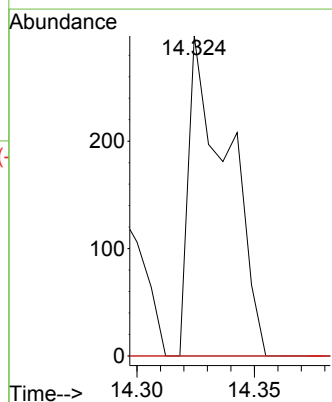
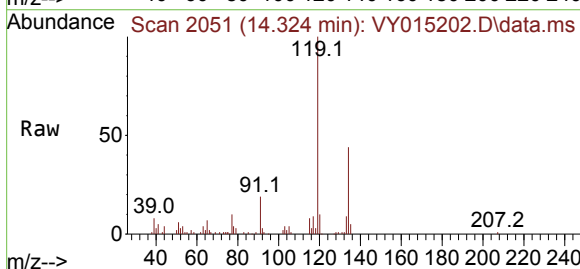
Tgt Ion: 75 Resp: 348

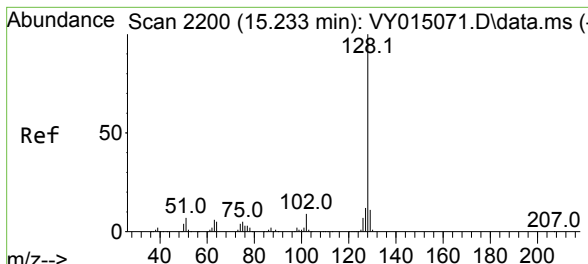
Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 51.8 155.5#





#95
 Naphthalene
 Concen: 87.395 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY015202.D
 Acq: 18 Aug 2023 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	128	Resp:	43823
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	11.3	8.6	13.0

