

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015411.D
 Acq On : 01 Sep 2023 13:33
 Operator : SY/MD
 Sample : 04256-03
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-2

Quant Time: Sep 01 23:31:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	128588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78872	57.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.440%	
35) Dibromofluoromethane	7.716	113	65873	53.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.700%	
50) Toluene-d8	10.179	98	366094	82.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 165.280%#	
62) 4-Bromofluorobenzene	12.477	95	132459	80.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 161.080%#	

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	6317	4.280	ug/l #	89
13) Acrolein	3.918	56	137	11.987	ug/l	87
15) Acrylonitrile	5.228	53	2521	4.797	ug/l #	32
16) Acetone	3.948	43	8976	15.601	ug/l	95
20) Methylene Chloride	4.710	84	24545	7.927	ug/l	97
25) 2-Butanone	6.978	43	9068	11.112	ug/l #	63
26) 2,2-Dichloropropane	6.972	77	4564	2.088	ug/l #	54
29) Tetrahydrofuran	7.350	42	1146	2.236	ug/l #	66
30) Chloroform	7.460	83	9797	3.622	ug/l #	19
31) Cyclohexane	7.777	56	278593	113.777	ug/l #	88
37) Ethyl Acetate	6.978	43	9068	5.474	ug/l #	66
38) Carbon Tetrachloride	7.783	117	12606	5.682	ug/l #	15
39) Methylcyclohexane	9.185	83	1448462	535.619	ug/l	95
41) Methacrylonitrile	7.350	41	3843	4.947	ug/l #	42
43) Isopropyl Acetate	8.264	43	55245	19.284	ug/l #	55
47) Bromodichloromethane	9.471	83	32493	15.140	ug/l #	31
48) Methyl methacrylate	9.240	41	74720	56.848	ug/l #	35
51) 4-Methyl-2-Pentanone	10.112	43	49119	29.500	ug/l #	80
55) 1,1,2-Trichloroethane	10.618	97	333457	246.605	ug/l #	19
56) Ethyl methacrylate	10.520	69	113823	56.804	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.758	63	1726	2.413	ug/l #	48
59) 2-Hexanone	10.800	43	329169	263.466	ug/l #	32
67) Ethyl Benzene	11.593	91	20510	2.605	ug/l	98
68) m/p-Xylenes	11.709	106	26706	8.752	ug/l	88
69) o-Xylene	12.026	106	4197	1.439	ug/l #	1
73) Isopropylbenzene	12.325	105	36056	4.398	ug/l	97
74) N-amyl acetate	12.123	43	178696	64.884	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.642	83	42363	21.648	ug/l #	68
76) 1,2,3-Trichloropropane	12.764	75	5799	4.007	ug/l #	100
78) n-propylbenzene	12.672	91	65362	6.589	ug/l	97
79) 2-Chlorotoluene	12.764	91	82246	14.783	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	453106	66.082	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.477	75	50163	76.458	ug/l #	19
82) 4-Chlorotoluene	12.812	91	53393	9.234	ug/l #	49
83) tert-Butylbenzene	13.074	119	14201	2.365	ug/l	77
84) 1,2,4-Trimethylbenzene	13.117	105	70194	10.311	ug/l	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

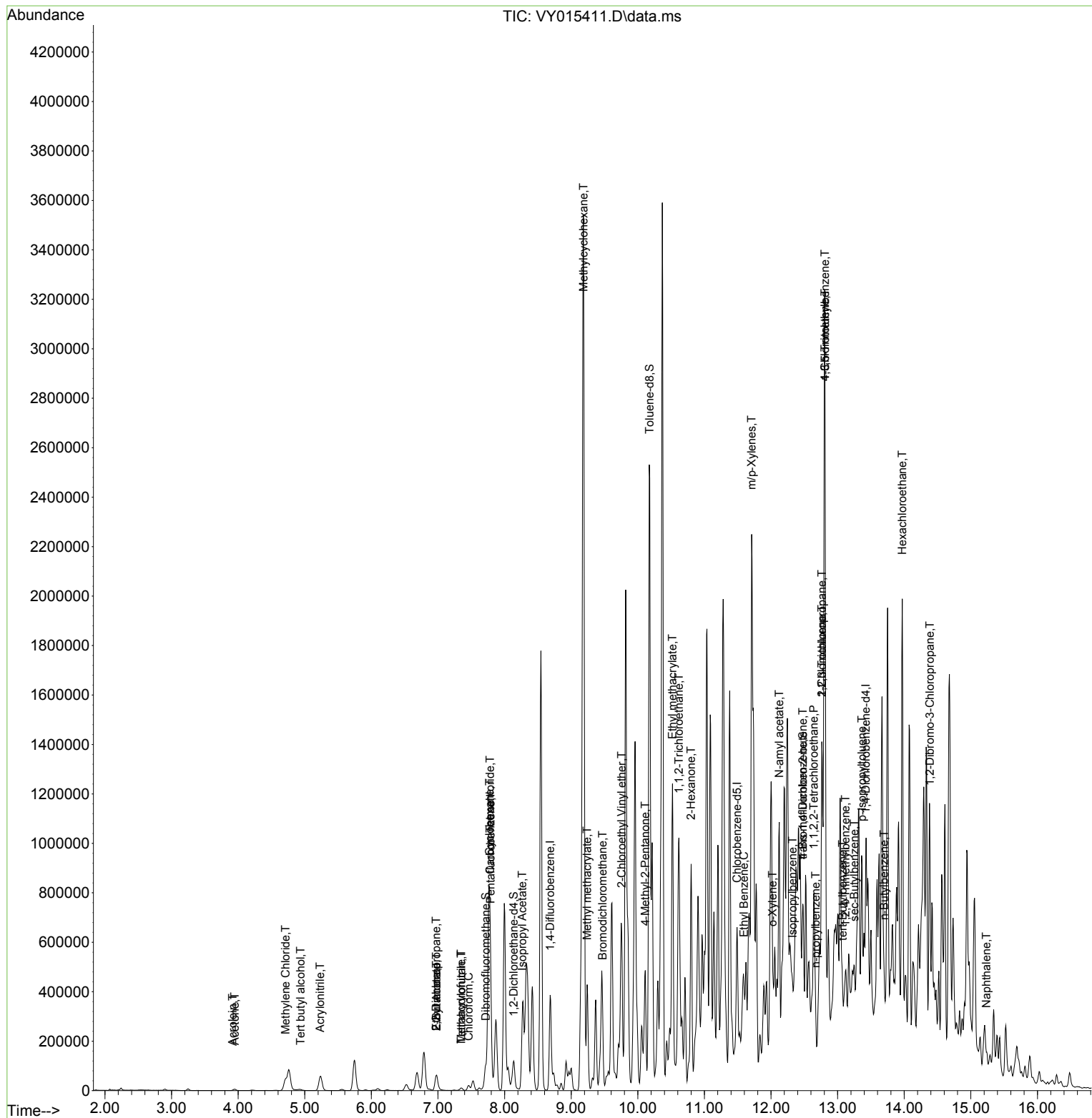
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.251	105	61547	6.871	ug/l #	44
86) p-Isopropyltoluene	13.367	119	170006	22.645	ug/l	98
89) n-Butylbenzene	13.696	91	104305	14.761	ug/l #	66
90) Hexachloroethane	13.971	117	74447	55.445	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.385	75	2008	5.187	ug/l #	17
95) Naphthalene	15.233	128	11215	2.061	ug/l #	69

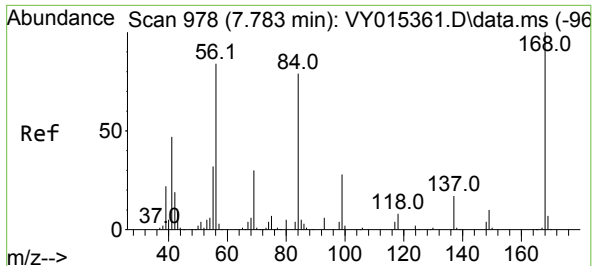
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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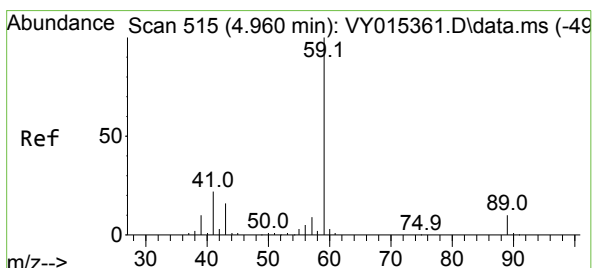
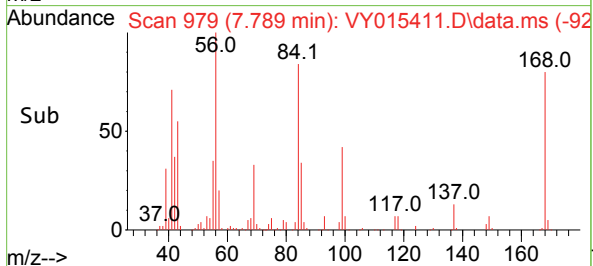
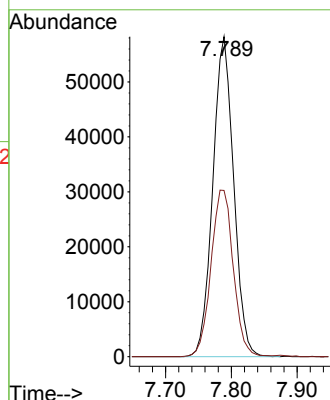
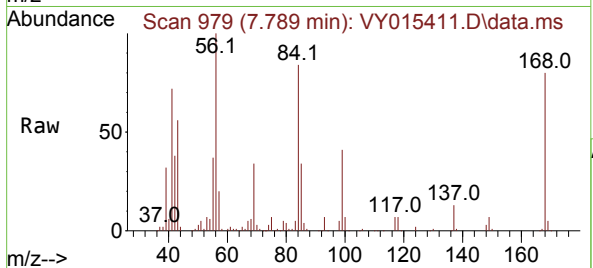




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

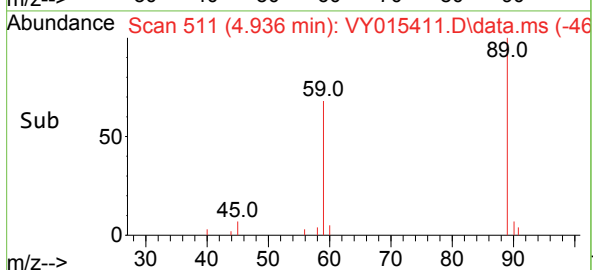
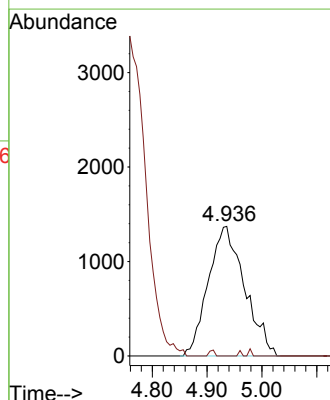
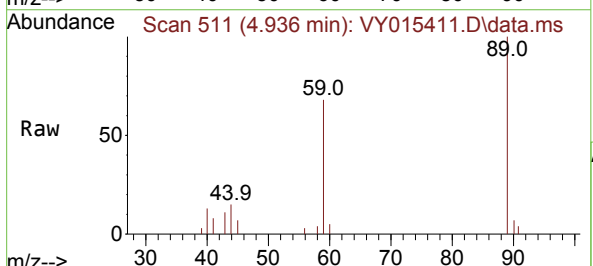
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

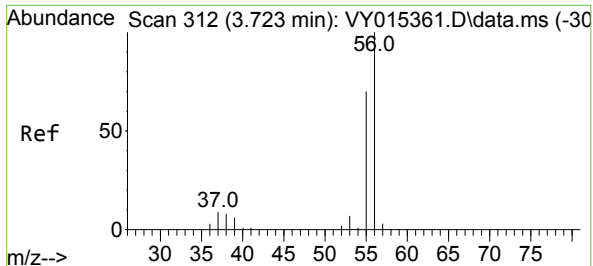
Tgt Ion:168 Resp: 128588
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 4.280 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 59 Resp: 6317
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#13

Acrolein

Concen: 11.987 ug/l

RT: 3.918 min Scan# 34

Delta R.T. 0.195 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

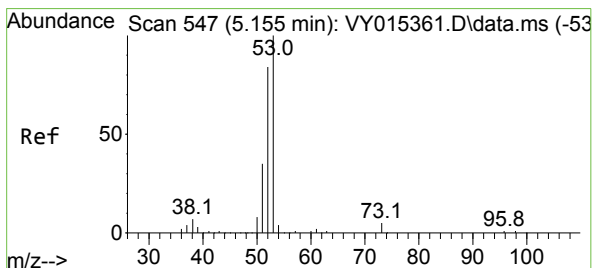
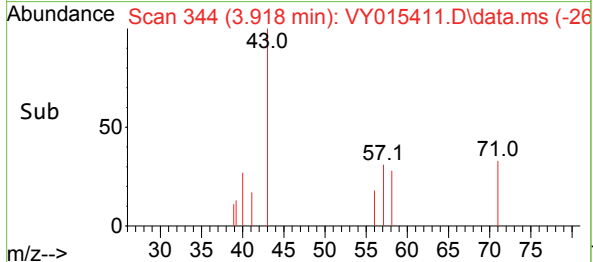
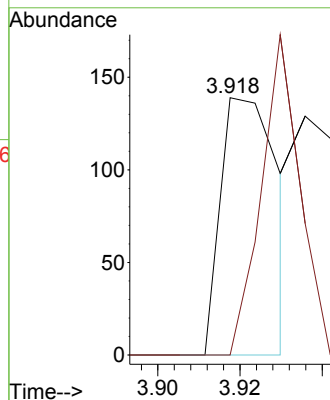
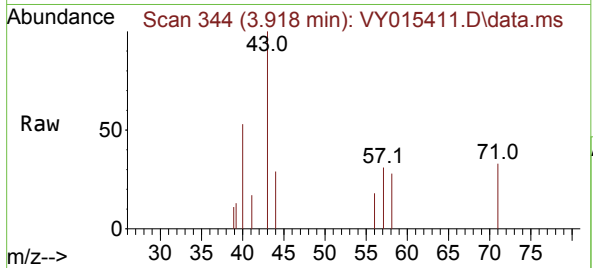
MW-2

Tgt Ion: 56 Resp: 137

Ion Ratio Lower Upper

56 100

55 81.8 57.0 85.4



#15

Acrylonitrile

Concen: 4.797 ug/l

RT: 5.228 min Scan# 559

Delta R.T. 0.067 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

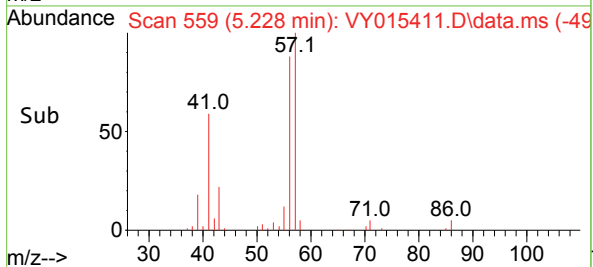
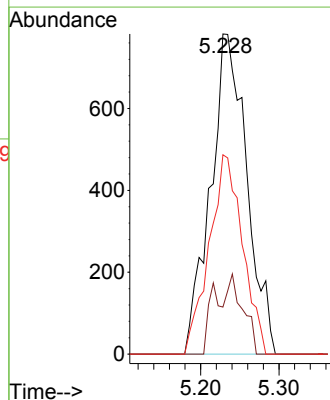
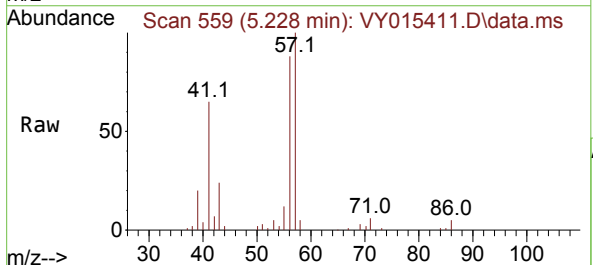
Tgt Ion: 53 Resp: 2521

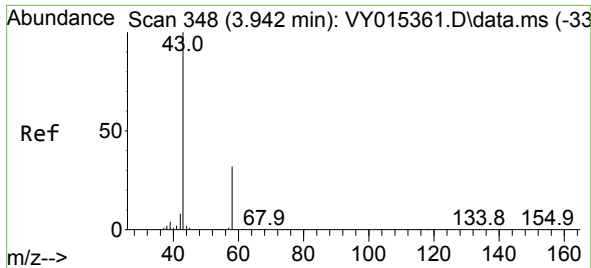
Ion Ratio Lower Upper

53 100

52 7.7 66.9 100.3#

51 57.1 29.8 44.6#





#16

Acetone

Concen: 15.601 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

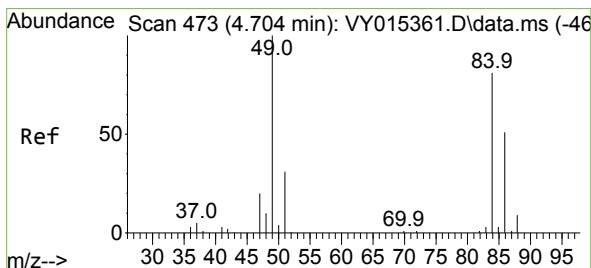
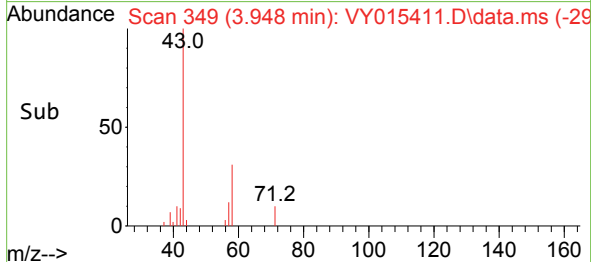
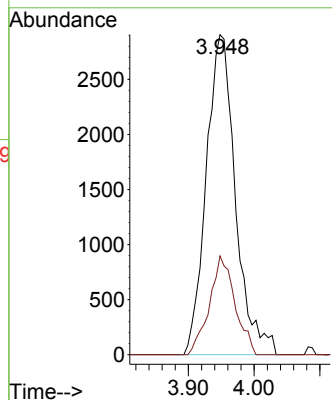
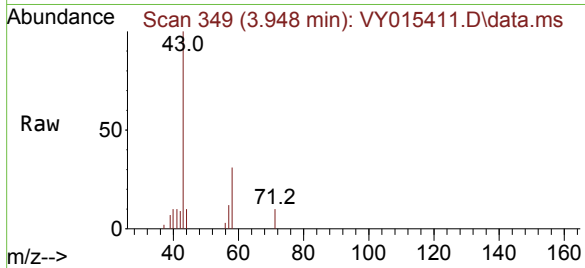
MW-2

Tgt Ion: 43 Resp: 8976

Ion Ratio Lower Upper

43 100

58 30.9 22.7 34.1



#20

Methylene Chloride

Concen: 7.927 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Tgt Ion: 84 Resp: 24545

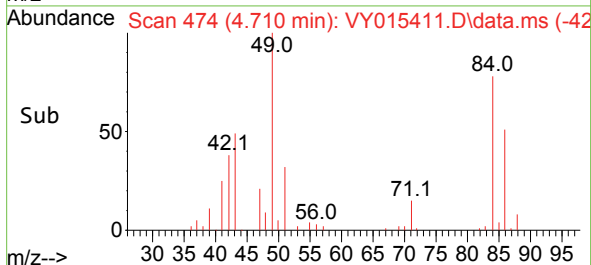
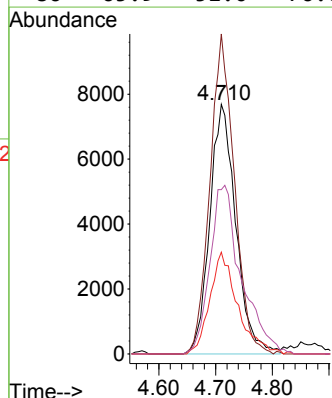
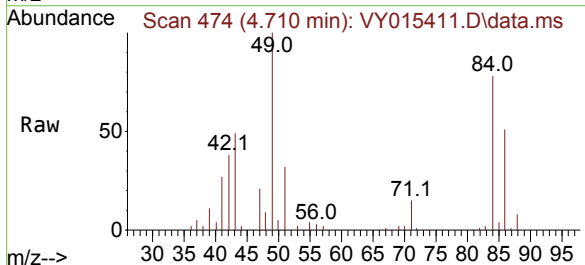
Ion Ratio Lower Upper

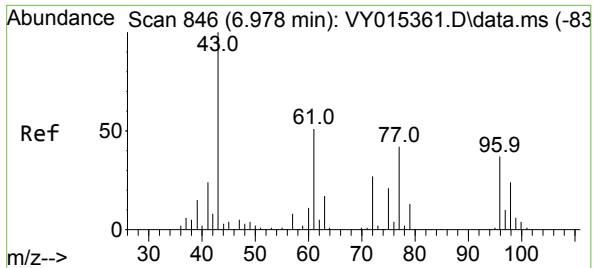
84 100

49 128.2 106.9 160.3

51 40.8 33.2 49.8

86 65.9 51.0 76.6

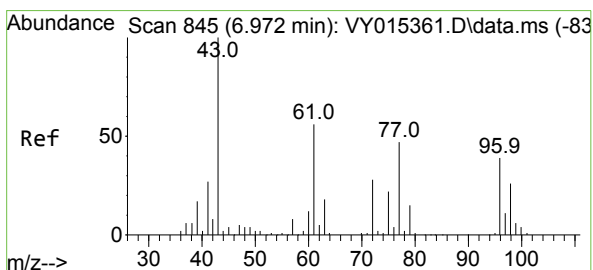
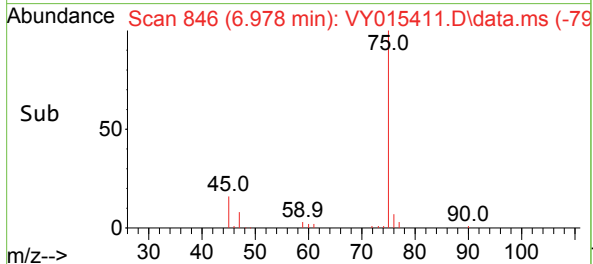
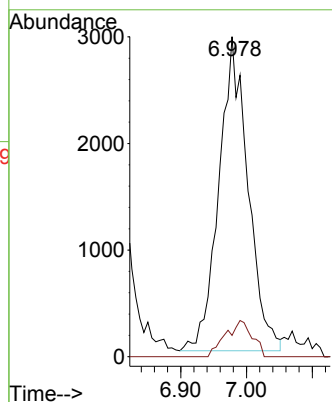
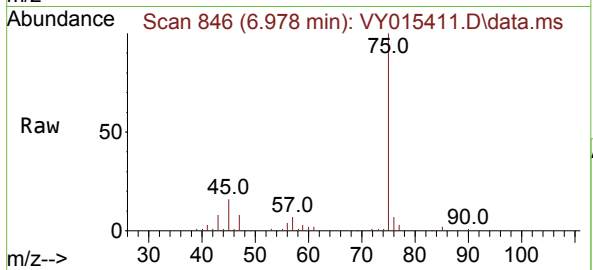




#25
2-Butanone
Concen: 11.112 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

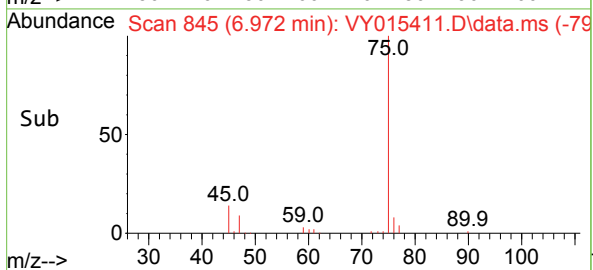
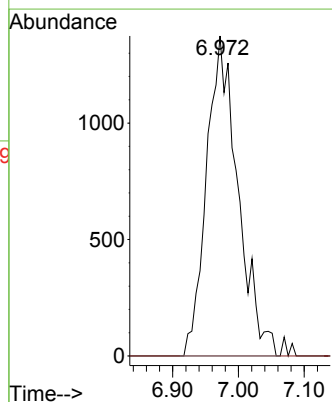
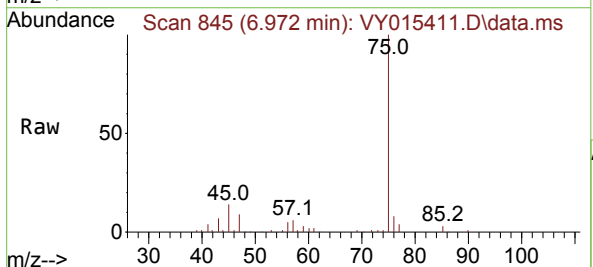
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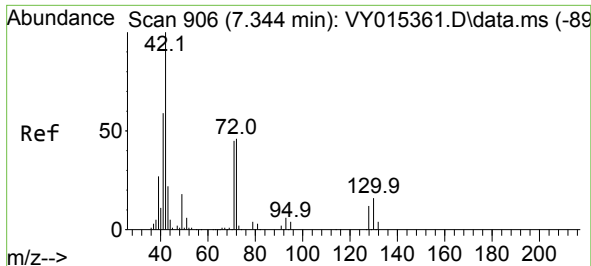
Tgt Ion: 43 Resp: 9068
Ion Ratio Lower Upper
43 100
72 6.8 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.088 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 77 Resp: 4564
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#





#29

Tetrahydrofuran

Concen: 2.236 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

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MW-2

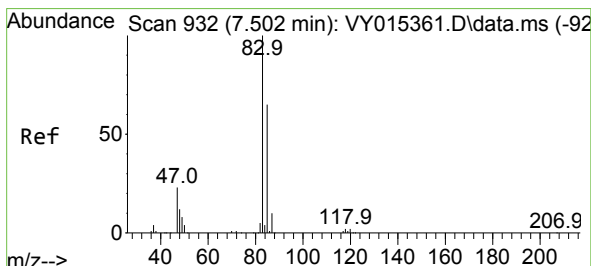
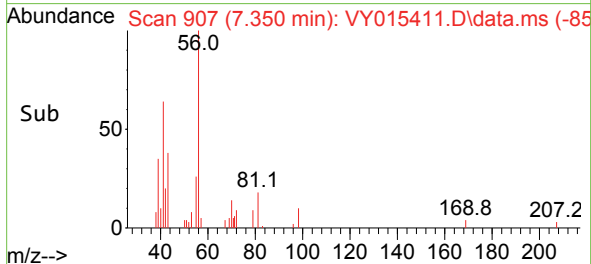
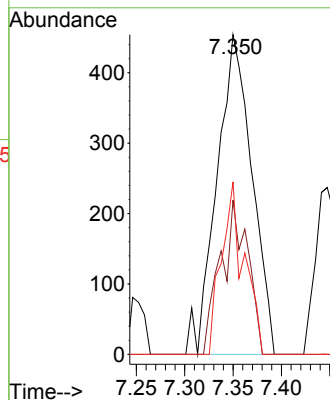
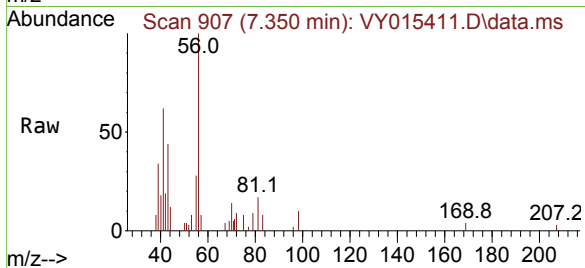
Tgt Ion: 42 Resp: 1146

Ion Ratio Lower Upper

42 100

72 37.3 32.8 49.2

71 0.0 31.0 46.4#



#30

Chloroform

Concen: 3.622 ug/l

RT: 7.460 min Scan# 925

Delta R.T. -0.037 min

Lab File: VY015411.D

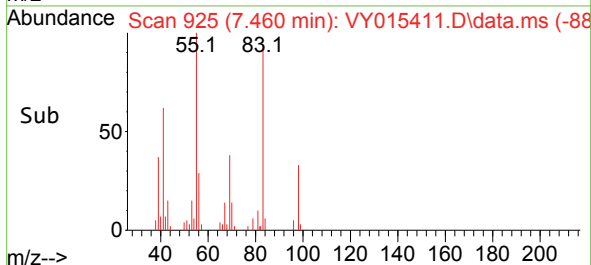
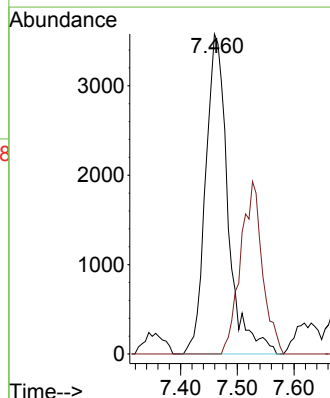
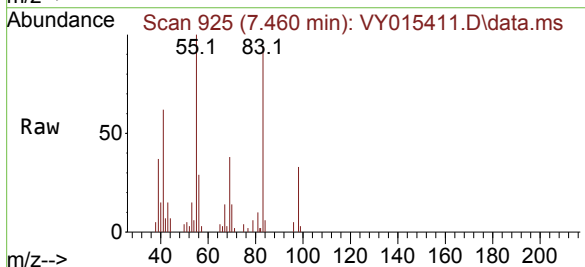
Acq: 01 Sep 2023 13:33

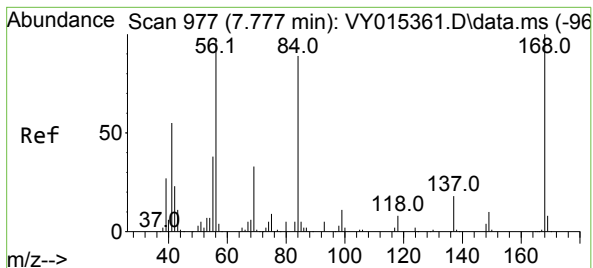
Tgt Ion: 83 Resp: 9797

Ion Ratio Lower Upper

83 100

85 0.0 49.7 74.5#





#31

Cyclohexane

Concen: 113.777 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

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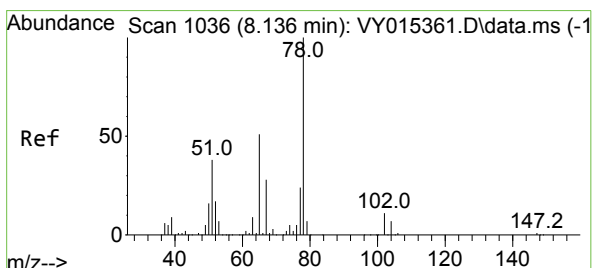
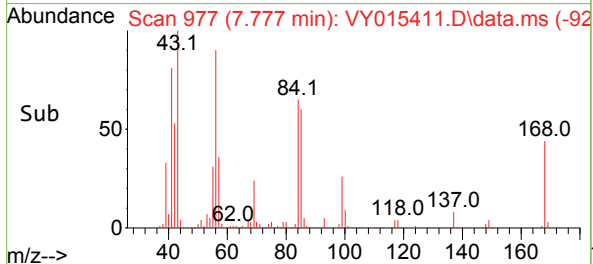
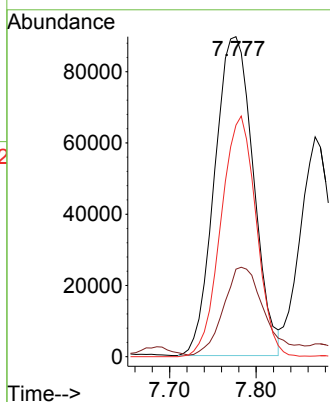
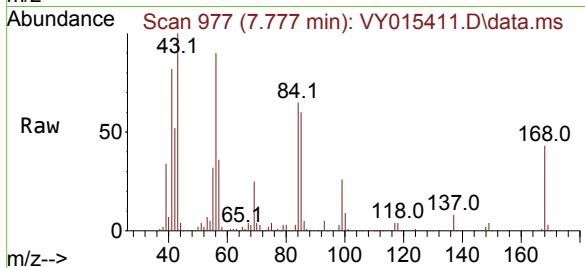
Tgt Ion: 56 Resp: 278593

Ion Ratio Lower Upper

56 100

69 26.2 27.8 41.6#

84 72.6 66.4 99.6



#33

1,2-Dichloroethane-d4

Concen: 57.218 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015411.D

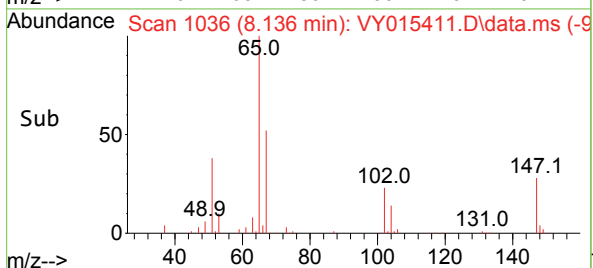
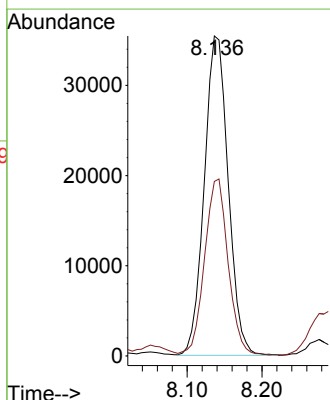
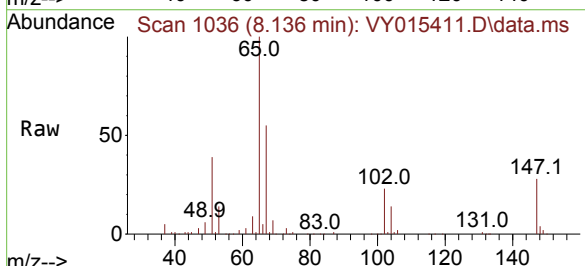
Acq: 01 Sep 2023 13:33

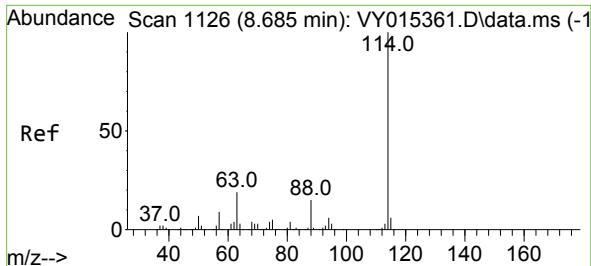
Tgt Ion: 65 Resp: 78872

Ion Ratio Lower Upper

65 100

67 54.1 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: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

MW-2

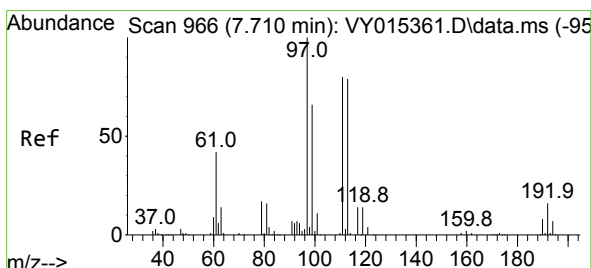
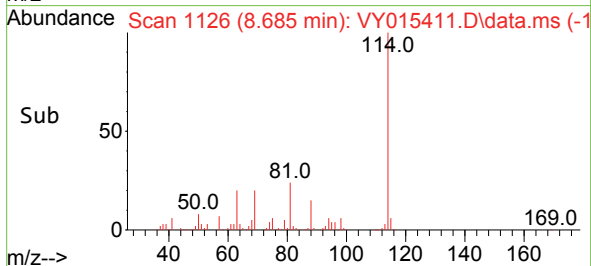
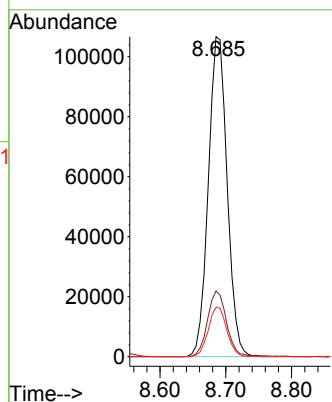
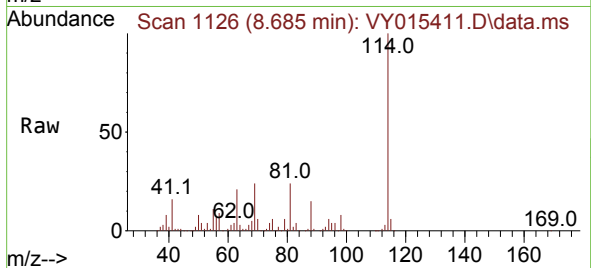
Tgt Ion:114 Resp: 212393

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.847 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

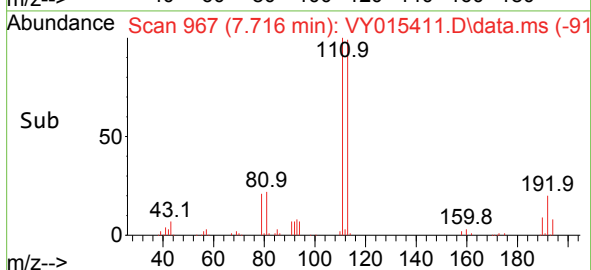
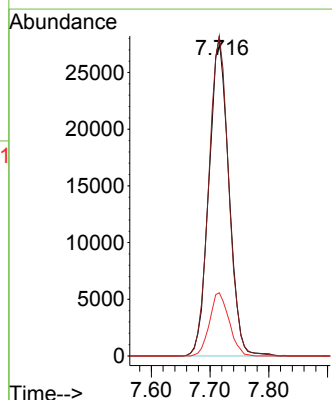
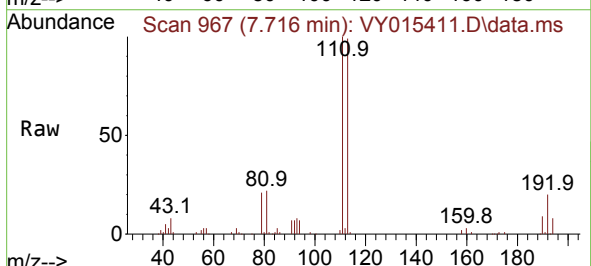
Tgt Ion:113 Resp: 65873

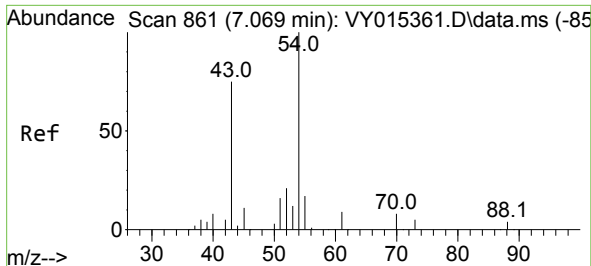
Ion Ratio Lower Upper

113 100

111 101.1 81.3 121.9

192 19.6 16.9 25.3





#37

Ethyl Acetate

Concen: 5.474 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

MW-2

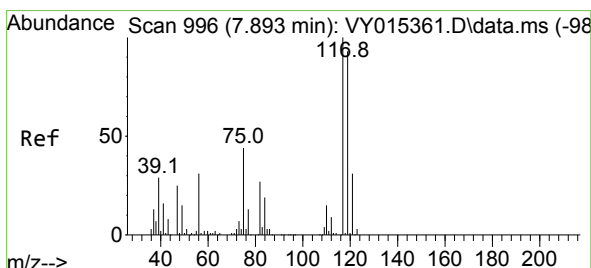
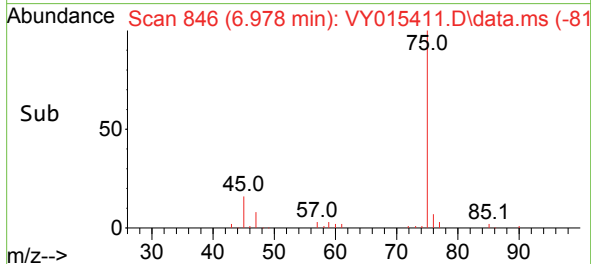
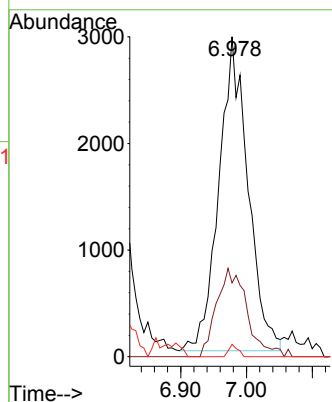
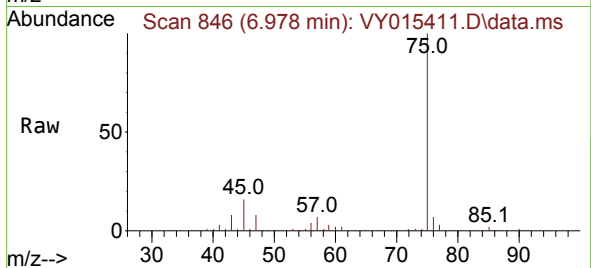
Tgt Ion: 43 Resp: 9068

Ion Ratio Lower Upper

43 100

61 29.6 10.1 15.1#

70 1.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.682 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

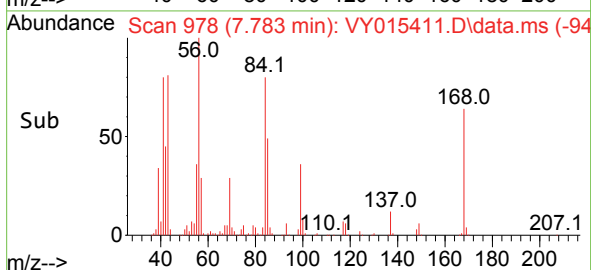
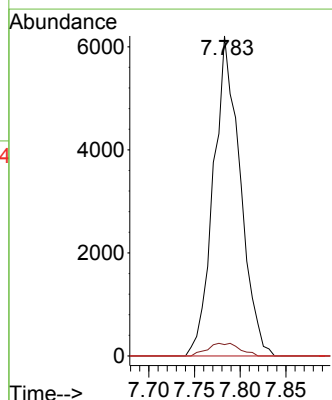
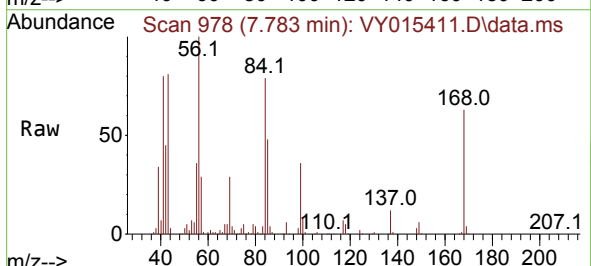
Tgt Ion: 117 Resp: 12606

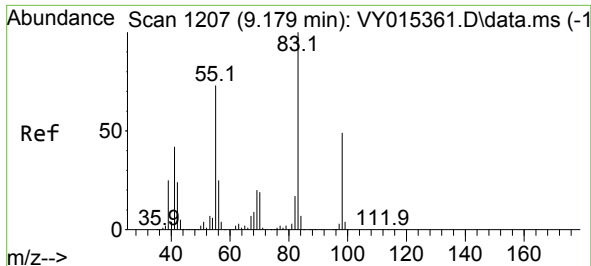
Ion Ratio Lower Upper

117 100

119 3.6 76.4 114.6#

121 0.0 25.8 38.6#

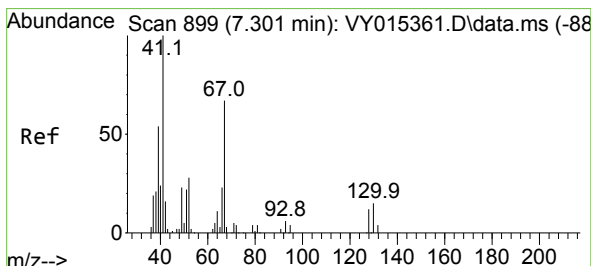
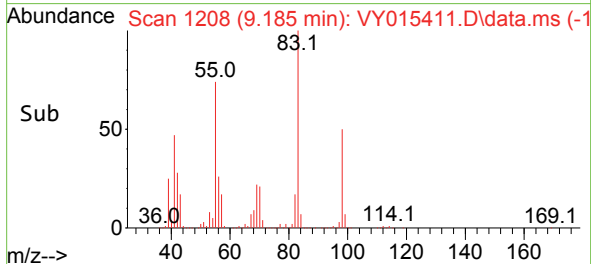
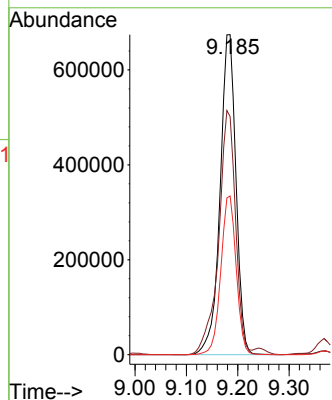
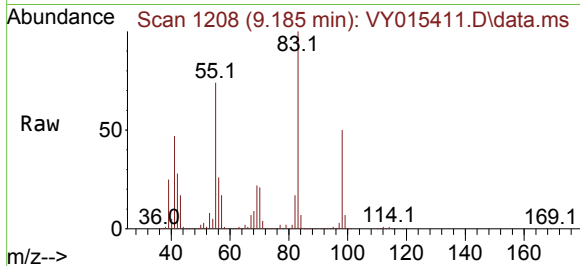




#39
Methylcyclohexane
Concen: 535.619 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

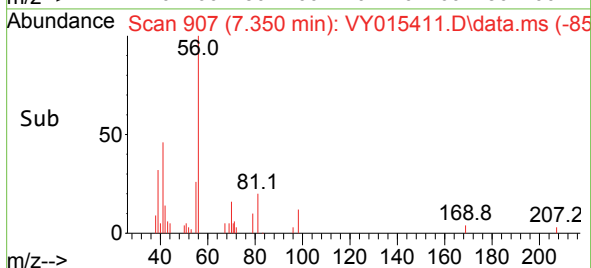
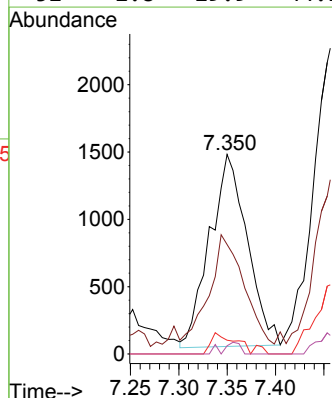
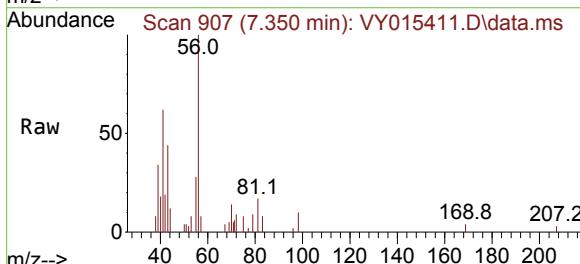
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

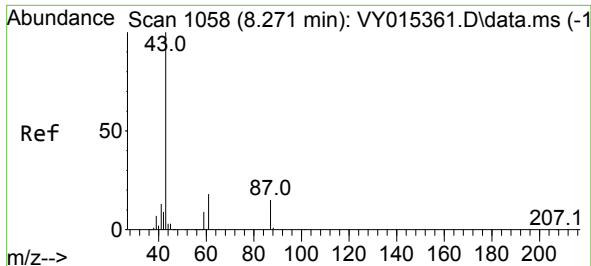
Tgt Ion: 83 Resp: 1448462
Ion Ratio Lower Upper
83 100
55 74.4 63.0 94.4
98 49.6 37.4 56.2



#41
Methacrylonitrile
Concen: 4.947 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 41 Resp: 3843
Ion Ratio Lower Upper
41 100
39 54.1 52.1 78.1
67 0.0 66.2 99.2#
52 2.8 29.9 44.9#

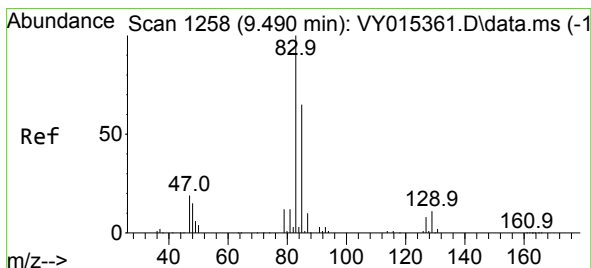
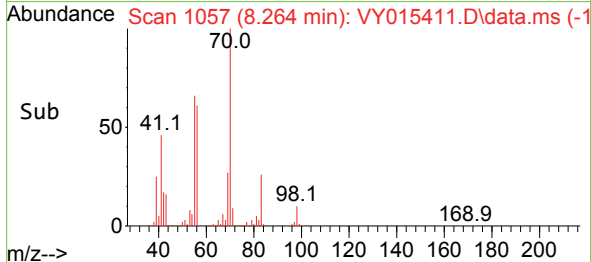
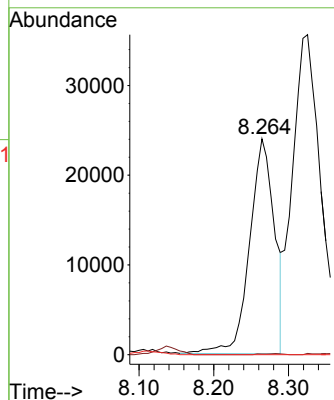
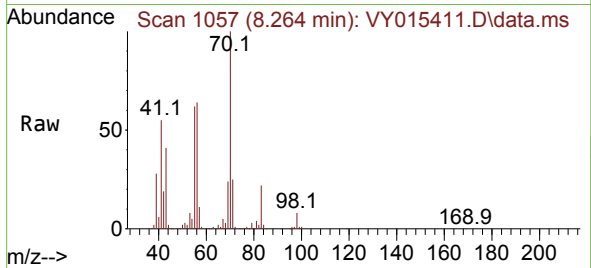




#43
Isopropyl Acetate
Concen: 19.284 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

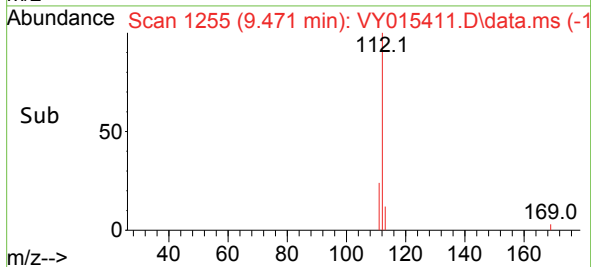
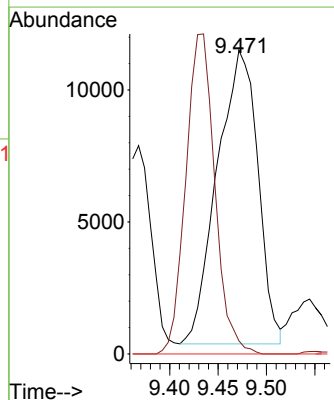
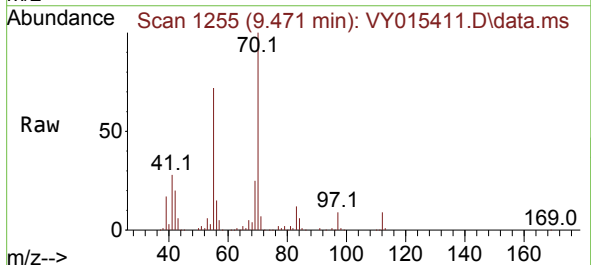
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

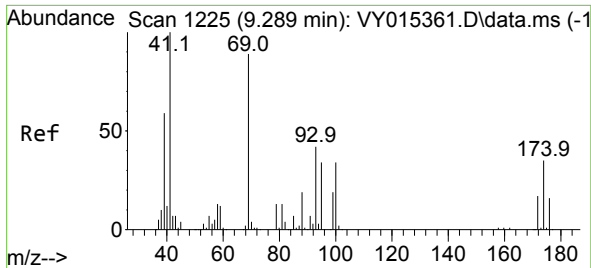
Tgt Ion: 43 Resp: 55245
Ion Ratio Lower Upper
43 100
61 0.4 21.1 31.7#
87 0.0 9.8 14.8#



#47
Bromodichloromethane
Concen: 15.140 ug/l
RT: 9.471 min Scan# 1255
Delta R.T. -0.018 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 83 Resp: 32493
Ion Ratio Lower Upper
83 100
85 4.4 50.1 75.1#
127 0.0 7.1 10.7#

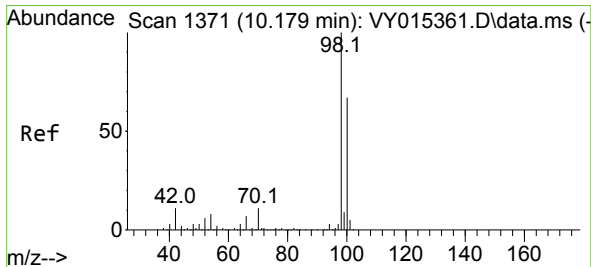
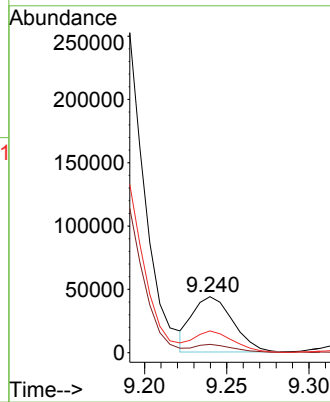
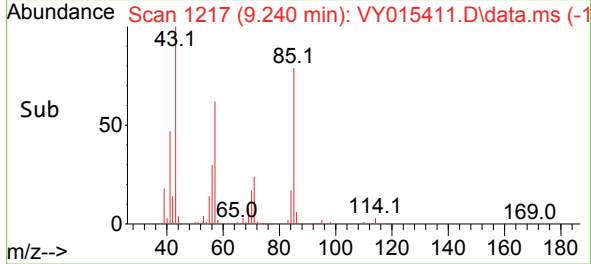
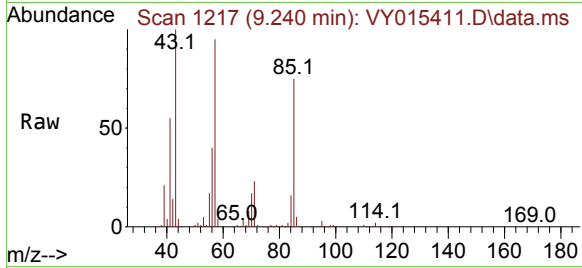




#48
Methyl methacrylate
Concen: 56.848 ug/l
RT: 9.240 min Scan# 1225
Delta R.T. -0.049 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

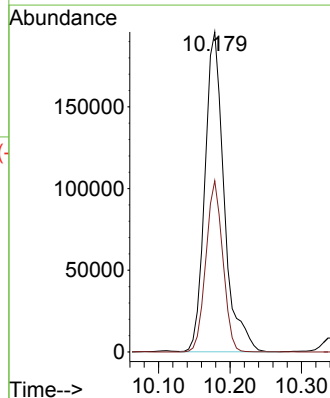
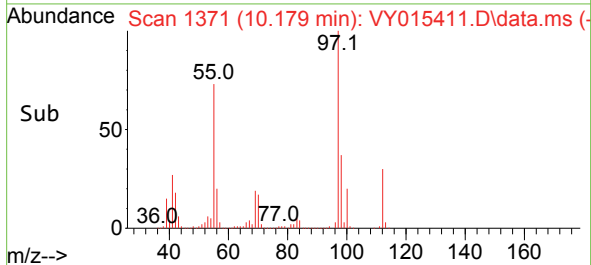
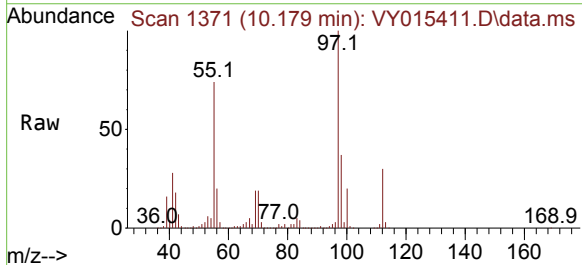
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

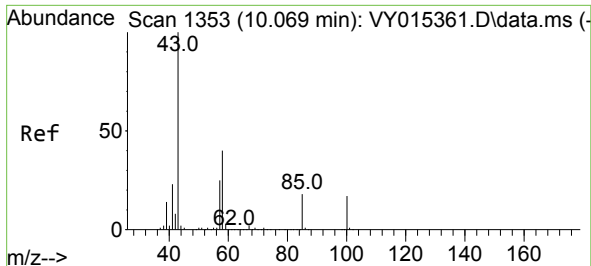
Tgt Ion: 41 Resp: 74720
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 37.7 50.8 76.2#



#50
Toluene-d8
Concen: 82.637 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 98 Resp: 366094
Ion Ratio Lower Upper
98 100
100 47.0 50.1 75.1#

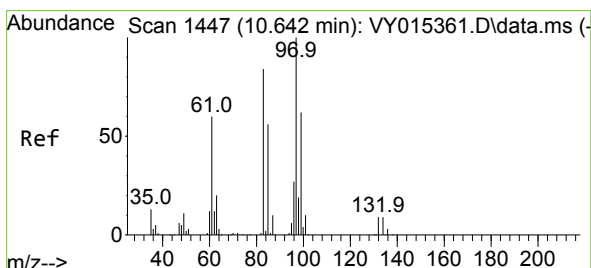
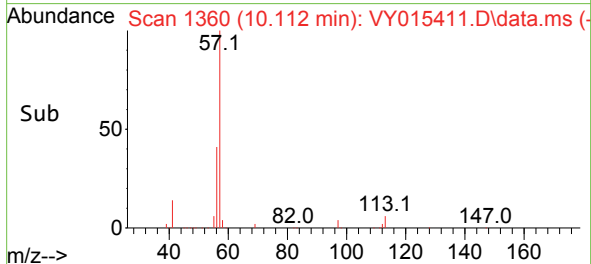
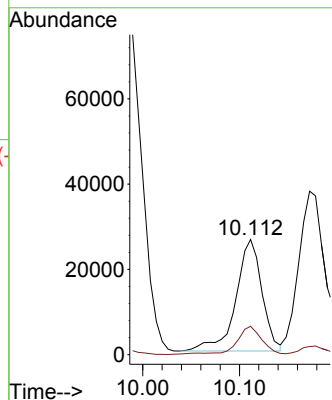
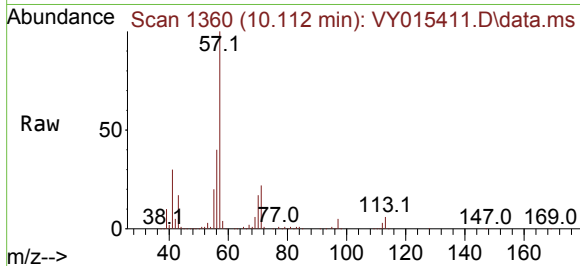




#51
4-Methyl-2-Pentanone
Concen: 29.500 ug/l
RT: 10.112 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

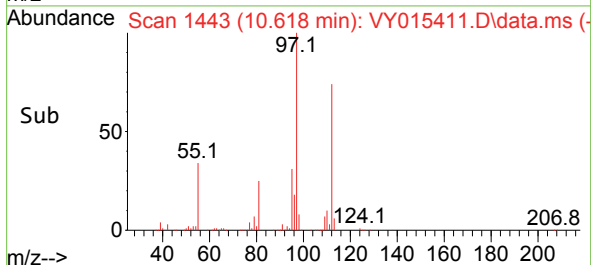
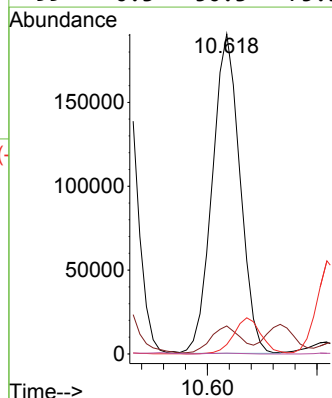
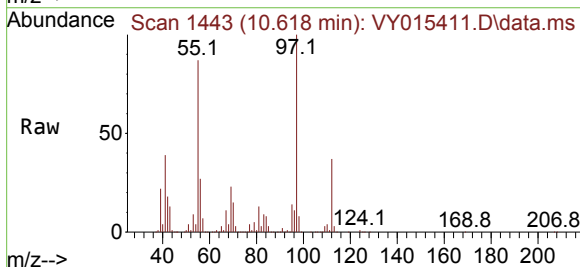
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

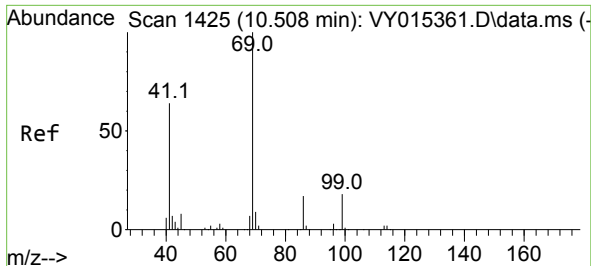
Tgt Ion: 43 Resp: 49119
Ion Ratio Lower Upper
43 100
58 24.3 29.0 43.6#



#55
1,1,2-Trichloroethane
Concen: 246.605 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 97 Resp: 333457
Ion Ratio Lower Upper
97 100
83 8.5 72.0 108.0#
85 2.9 45.4 68.0#
99 0.3 50.3 75.5#

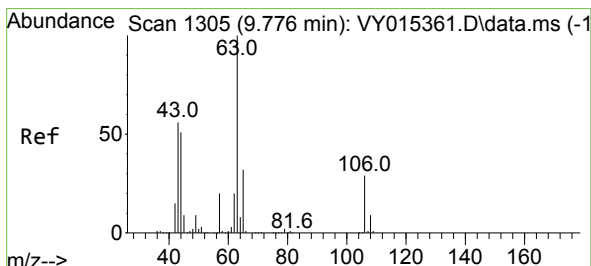
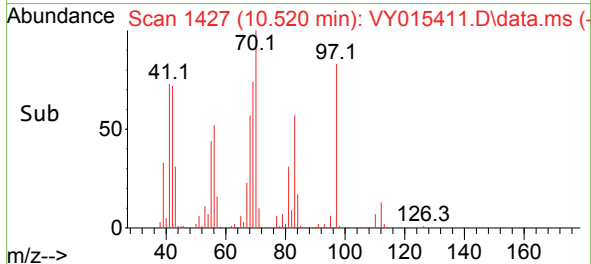
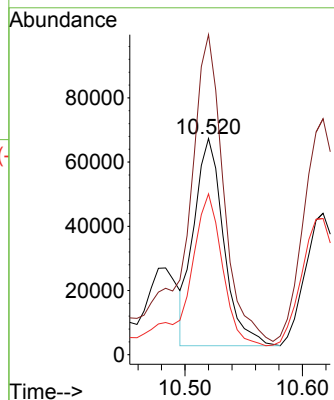
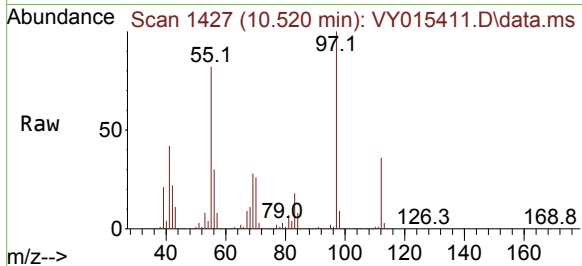




#56
Ethyl methacrylate
Concen: 56.804 ug/l
RT: 10.520 min Scan# 1425
Delta R.T. 0.012 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

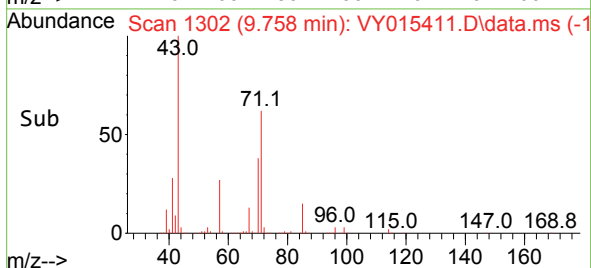
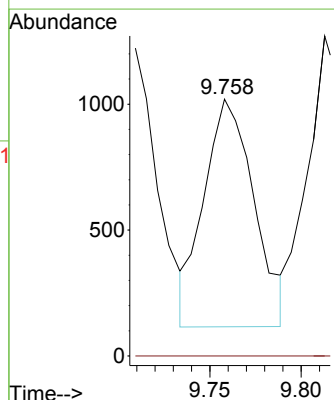
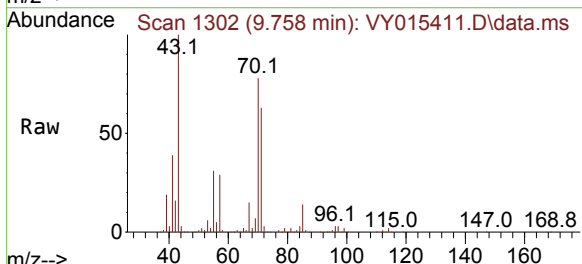
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

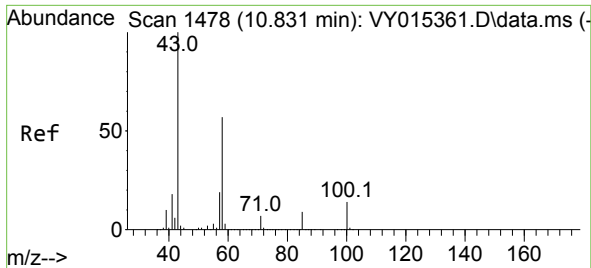
Tgt Ion: 69 Resp: 113823
Ion Ratio Lower Upper
69 100
41 174.9 57.6 86.4#
39 85.6 34.1 51.1#



#58
2-Chloroethyl Vinyl ether
Concen: 2.413 ug/l
RT: 9.758 min Scan# 1302
Delta R.T. -0.018 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 63 Resp: 1726
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#

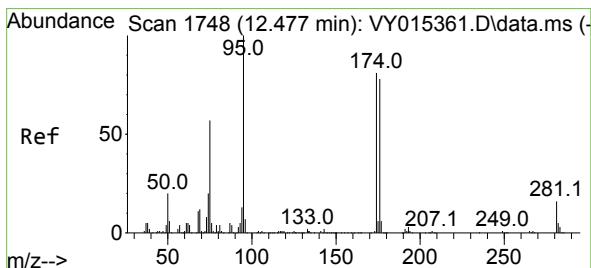
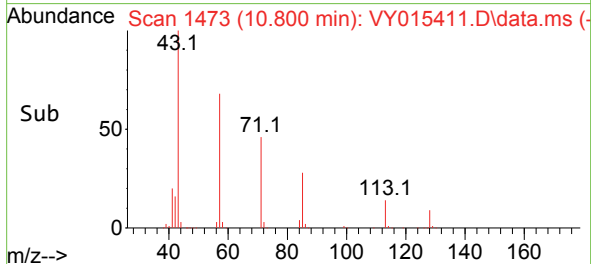
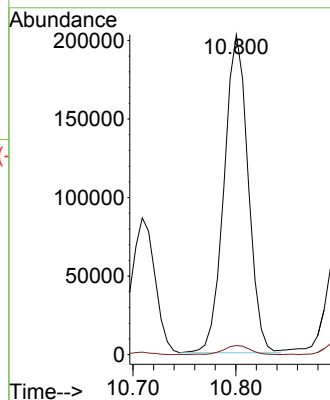
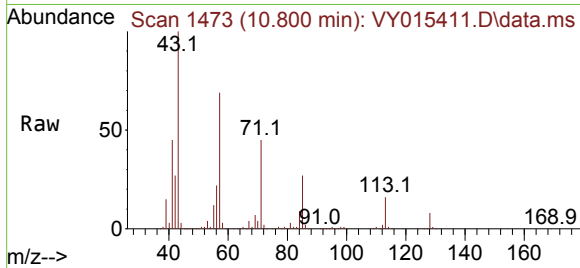




#59
2-Hexanone
Concen: 263.466 ug/l
RT: 10.800 min Scan# 1478
Delta R.T. -0.031 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

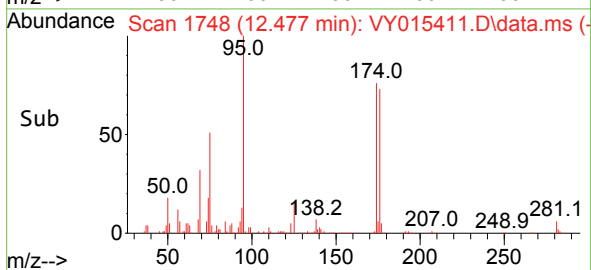
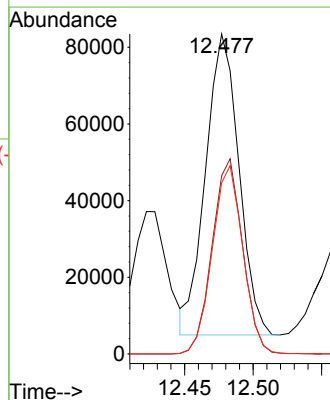
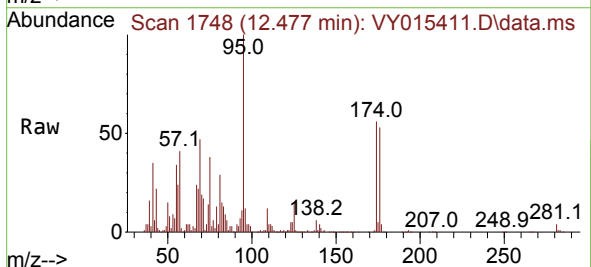
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

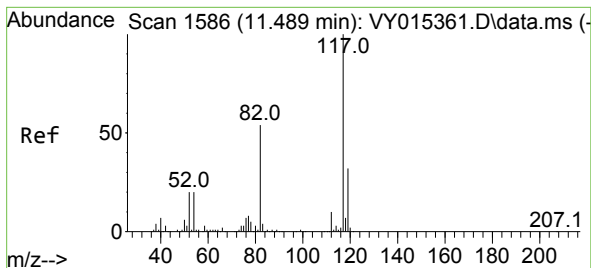
Tgt Ion: 43 Resp: 329169
Ion Ratio Lower Upper
43 100
58 3.2 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 80.540 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 95 Resp: 132459
Ion Ratio Lower Upper
95 100
174 59.5 0.0 178.2
176 57.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

MW-2

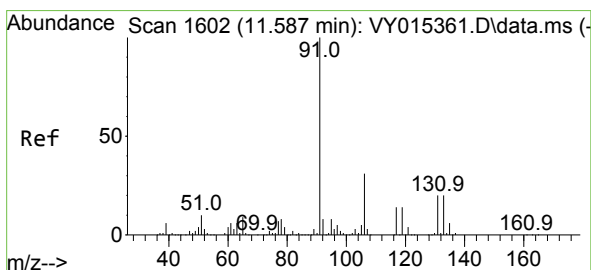
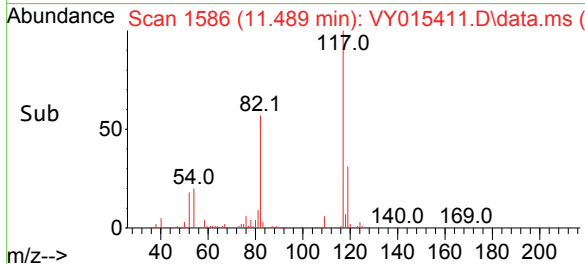
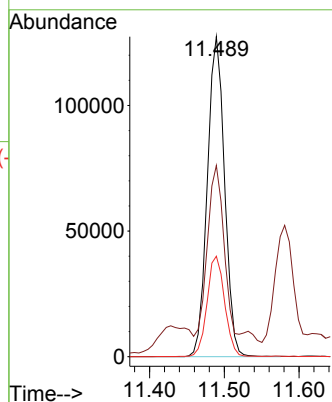
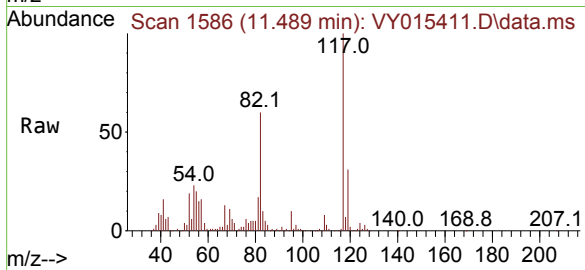
Tgt Ion:117 Resp: 203462

Ion Ratio Lower Upper

117 100

82 51.0 43.4 65.0

119 31.3 26.3 39.5



#67

Ethyl Benzene

Concen: 2.605 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015411.D

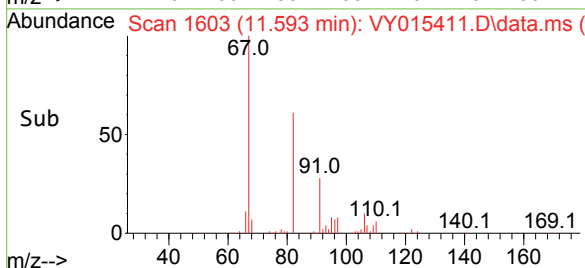
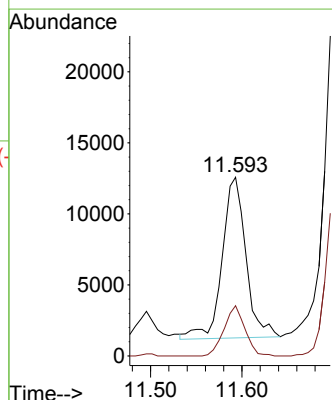
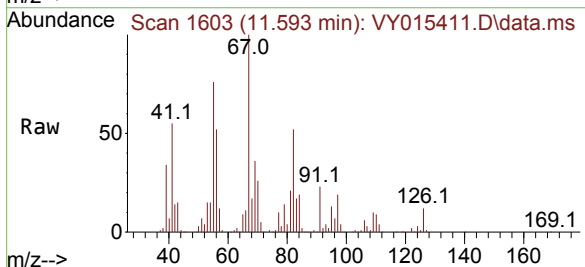
Acq: 01 Sep 2023 13:33

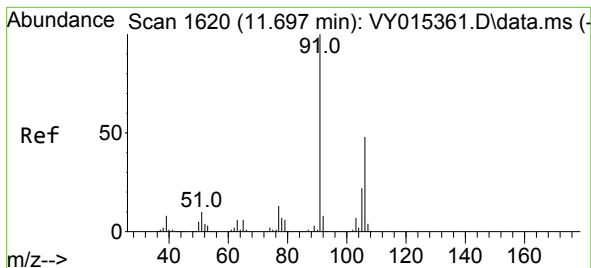
Tgt Ion: 91 Resp: 20510

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8





#68

m/p-Xylenes

Concen: 8.752 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

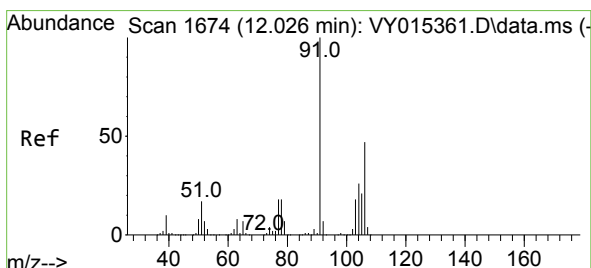
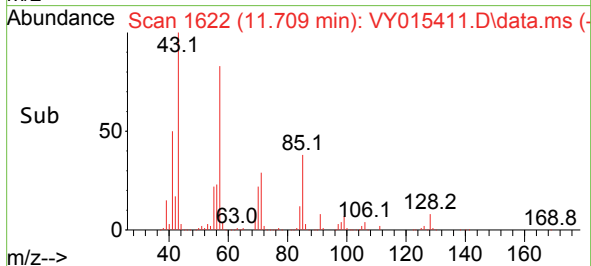
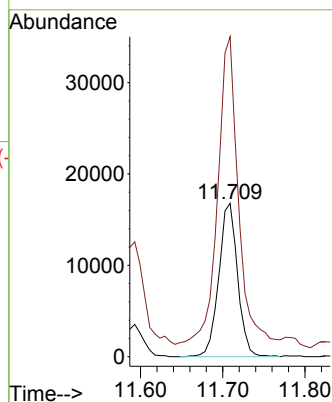
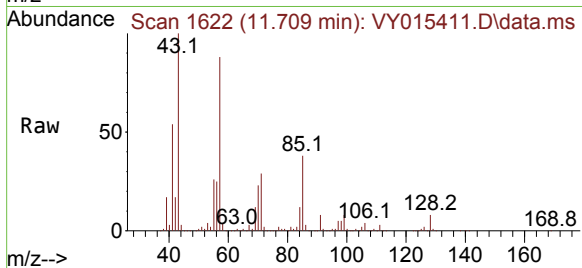
MW-2

Tgt Ion:106 Resp: 26706

Ion Ratio Lower Upper

106 100

91 226.1 166.1 249.1



#69

o-Xylene

Concen: 1.439 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY015411.D

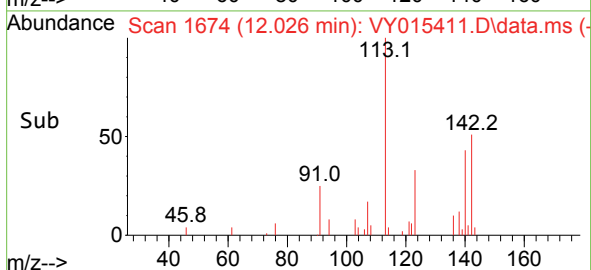
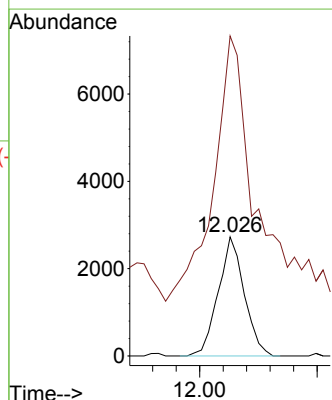
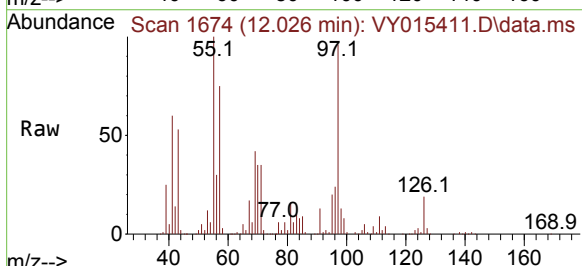
Acq: 01 Sep 2023 13:33

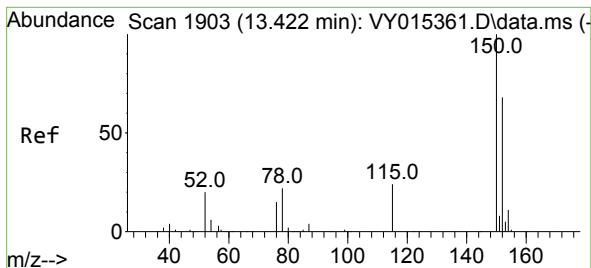
Tgt Ion:106 Resp: 4197

Ion Ratio Lower Upper

106 100

91 393.0 108.1 324.3#

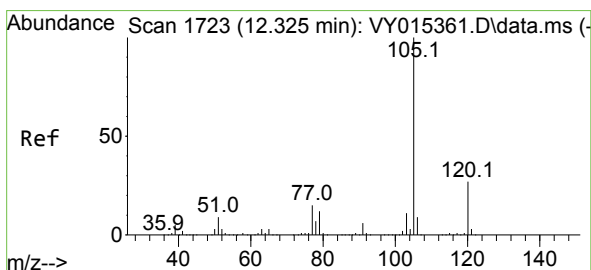
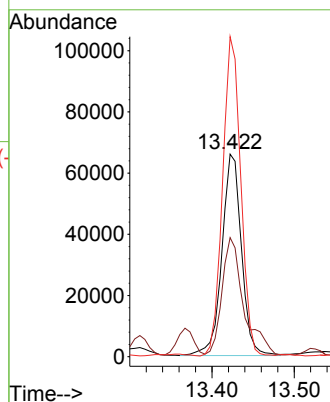
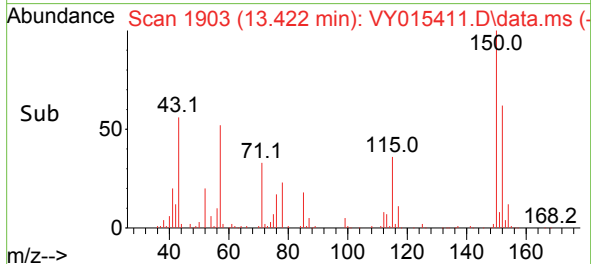
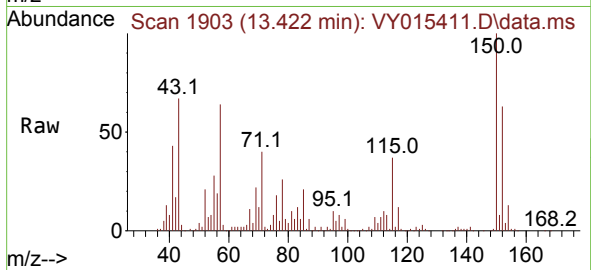




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015411.D
 Acq: 01 Sep 2023 13:33

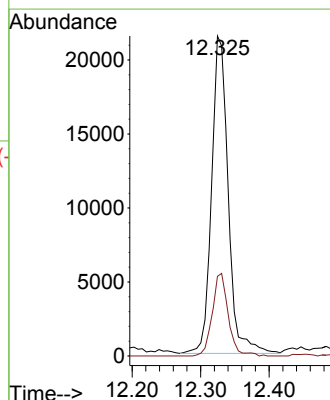
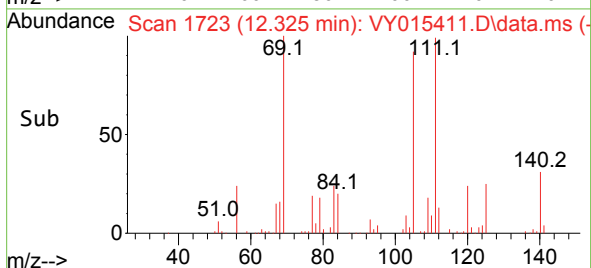
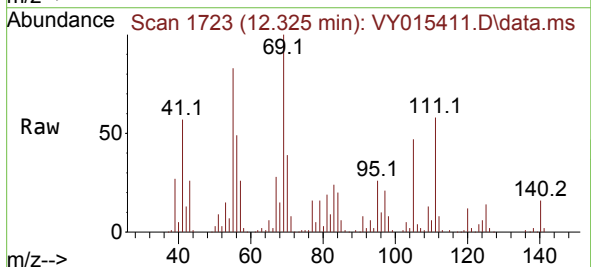
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-2

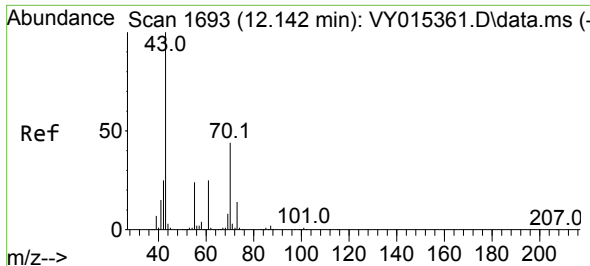
Tgt Ion:152 Resp: 109136
 Ion Ratio Lower Upper
 152 100
 115 63.9 28.8 86.5
 150 146.6 0.0 348.8



#73
 Isopropylbenzene
 Concen: 4.398 ug/l
 RT: 12.325 min Scan# 1723
 Delta R.T. -0.000 min
 Lab File: VY015411.D
 Acq: 01 Sep 2023 13:33

Tgt Ion:105 Resp: 36056
 Ion Ratio Lower Upper
 105 100
 120 25.1 13.3 39.9

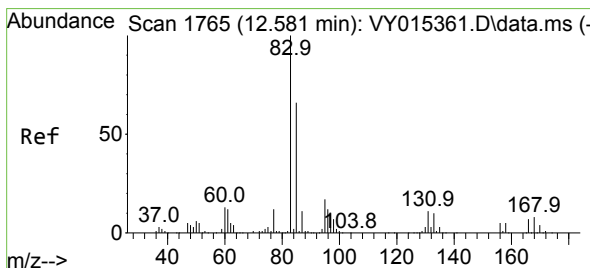
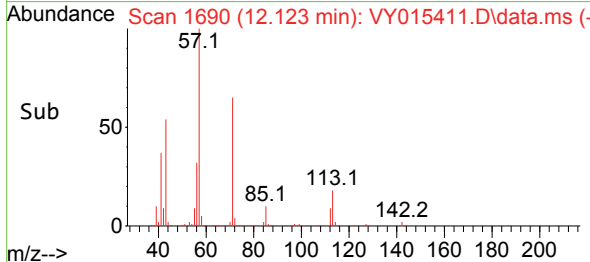
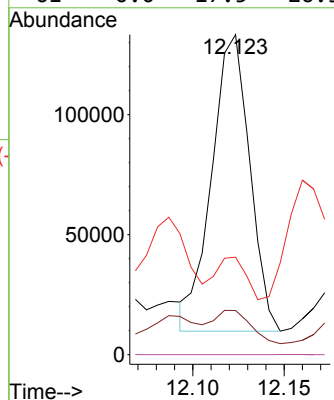
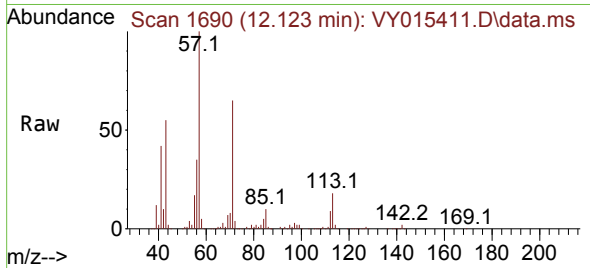




#74
N-amy1 acetate
Concen: 64.884 ug/l
RT: 12.123 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

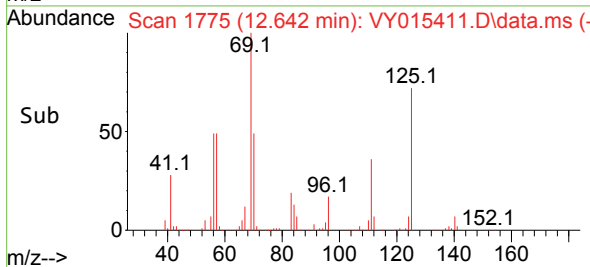
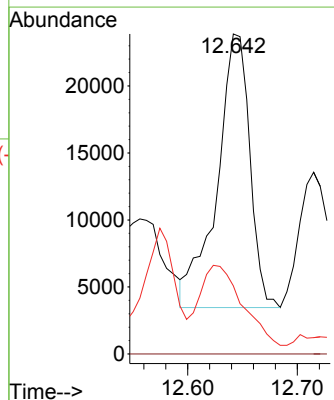
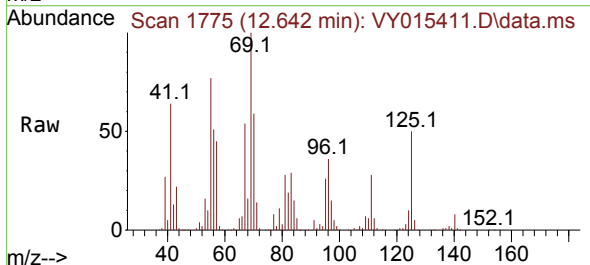
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

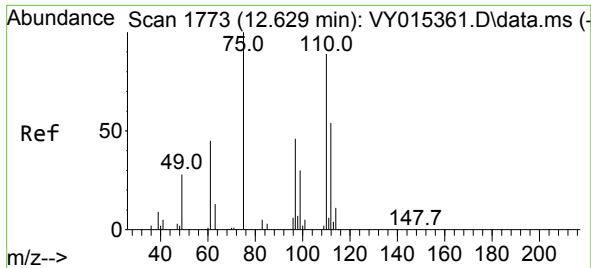
Tgt Ion:	43	Resp:	178696
Ion	Ratio	Lower	Upper
43	100		
70	10.7	29.7	44.5#
55	11.2	18.3	27.5#
61	0.0	17.5	26.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 21.648 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.061 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion:	83	Resp:	42363
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.4	16.2#
85	37.8	31.8	95.4

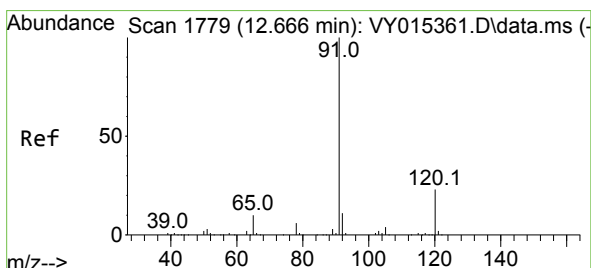
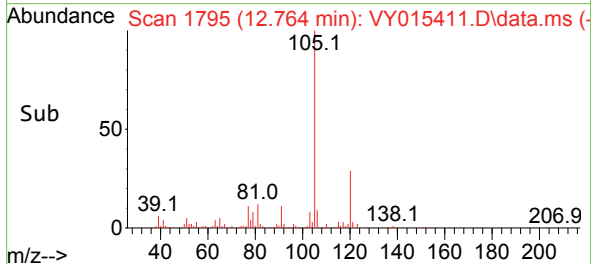
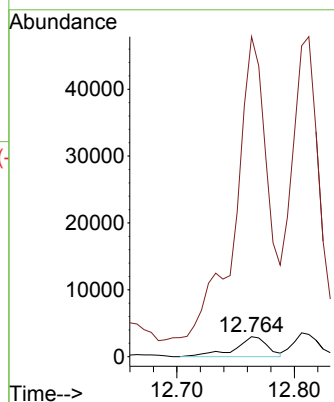
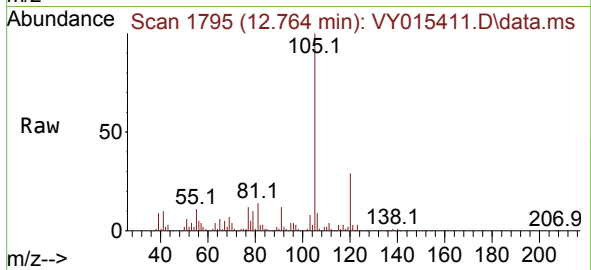




#76
1,2,3-Trichloropropane
Concen: 4.007 ug/l
RT: 12.764 min Scan# 1773
Delta R.T. 0.134 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

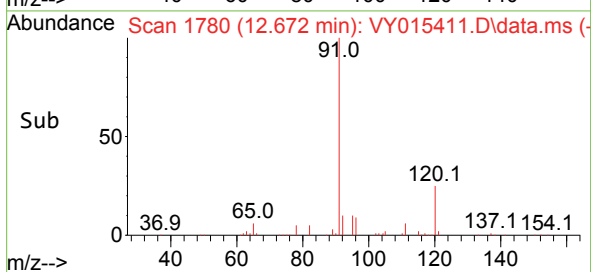
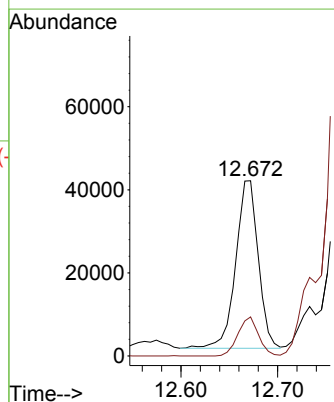
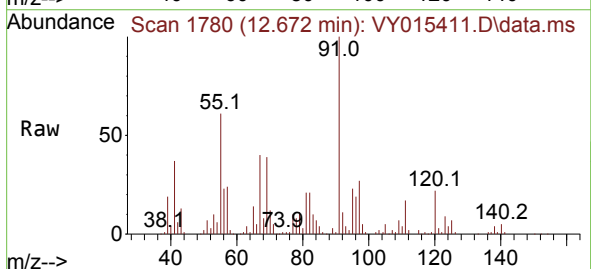
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

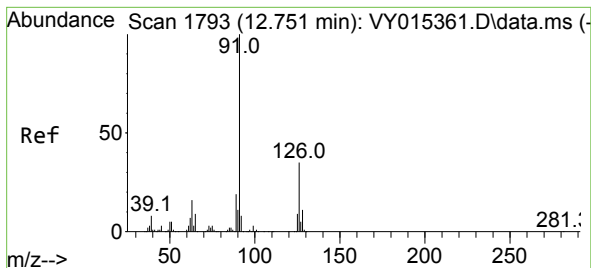
Tgt Ion: 75 Resp: 5799
Ion Ratio Lower Upper
75 100
77 1502.4 0.0 0.0#



#78
n-propylbenzene
Concen: 6.589 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 91 Resp: 65362
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4

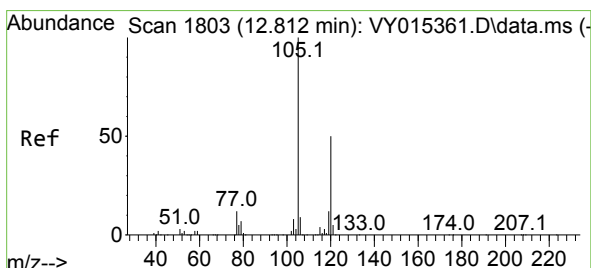
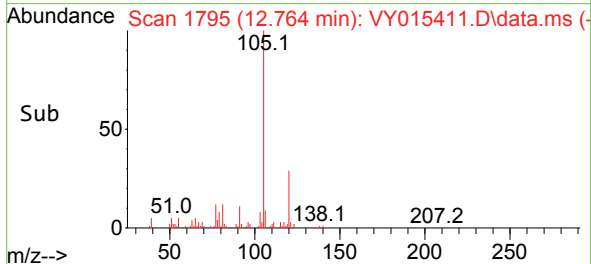
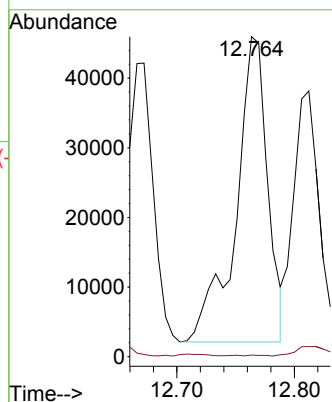
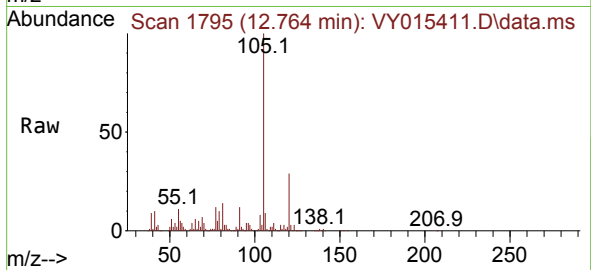




#79
2-Chlorotoluene
Concen: 14.783 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

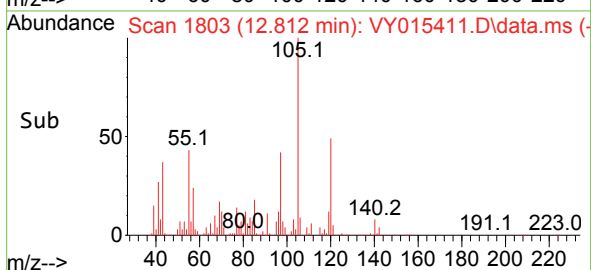
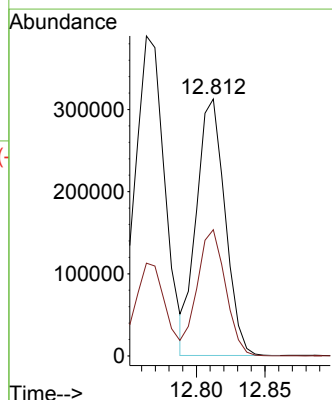
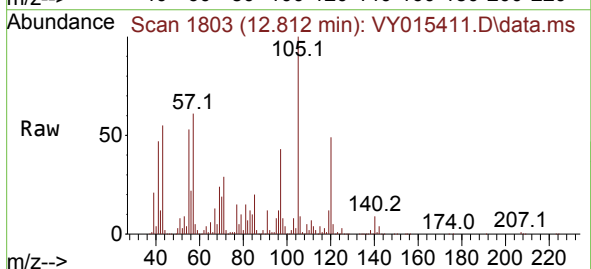
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

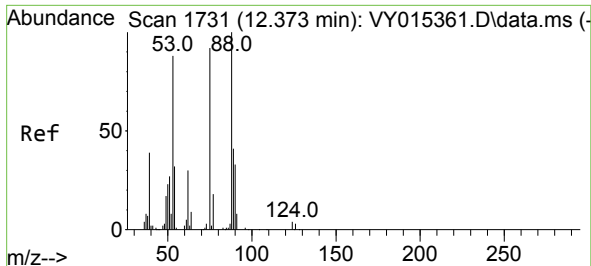
Tgt Ion: 91 Resp: 82246
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#



#80
1,3,5-Trimethylbenzene
Concen: 66.082 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 105 Resp: 453106
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

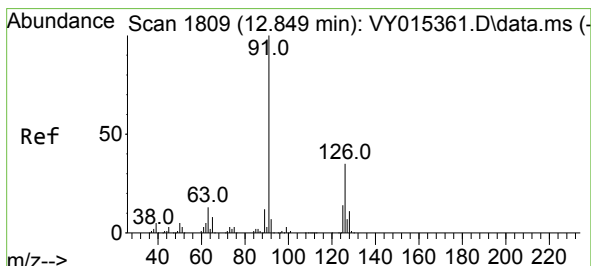
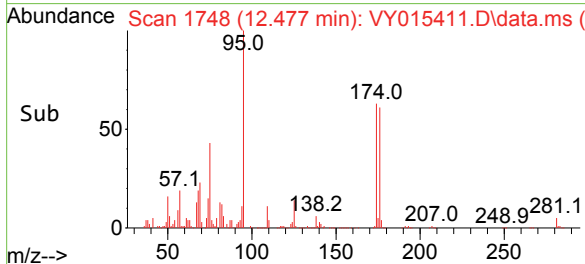
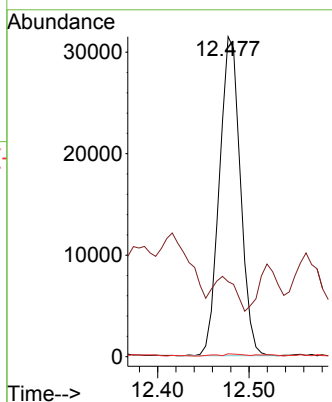
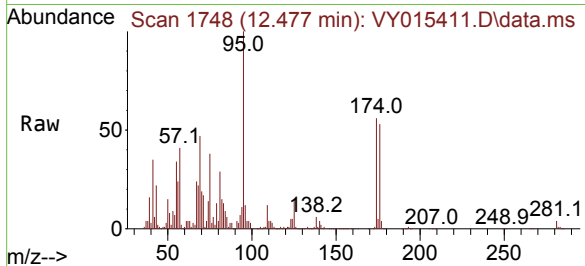




#81
trans-1,4-Dichloro-2-butene
Concen: 76.458 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.097 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

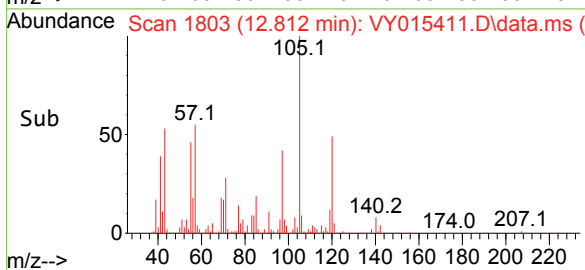
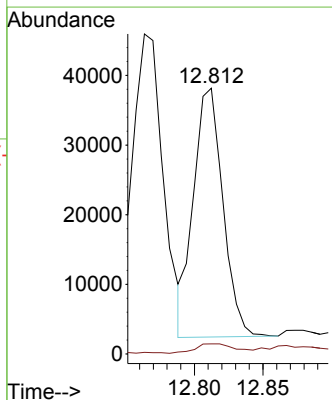
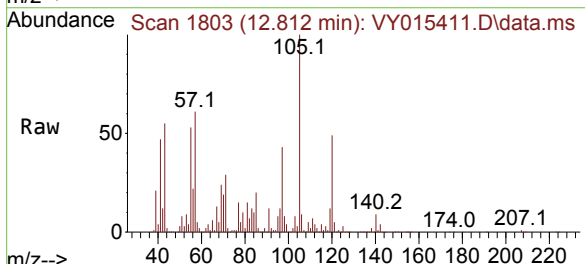
Instrument :
MSVOA_Y
ClientSampleId :
MW-2

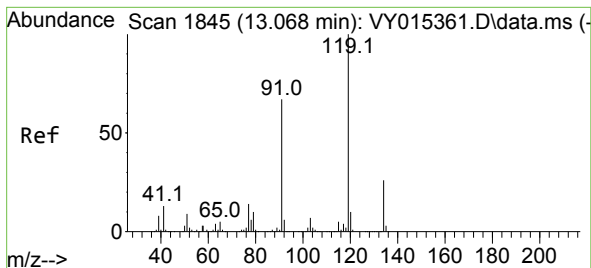
Tgt Ion: 75 Resp: 50163
Ion Ratio Lower Upper
75 100
53 11.3 77.8 116.8#
89 0.7 37.4 56.0#



#82
4-Chlorotoluene
Concen: 9.234 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.037 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 91 Resp: 53393
Ion Ratio Lower Upper
91 100
126 5.3 17.2 51.6#





#83

tert-Butylbenzene

Concen: 2.365 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

MW-2

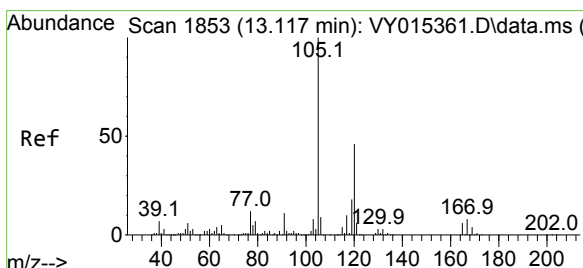
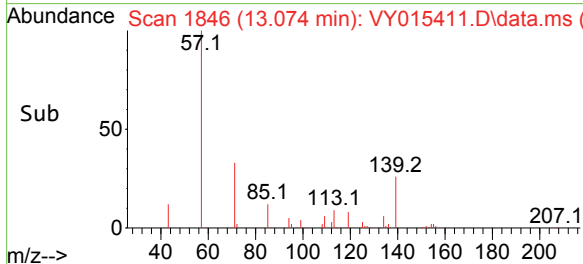
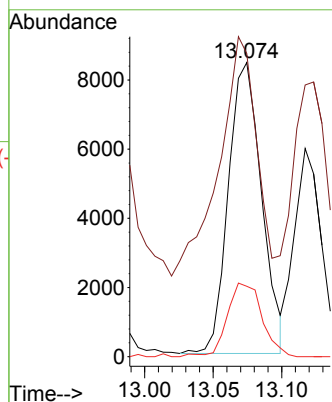
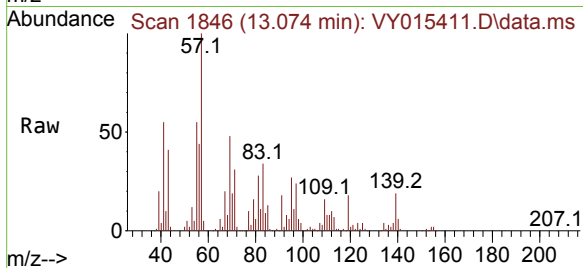
Tgt Ion:119 Resp: 14201

Ion Ratio Lower Upper

119 100

91 91.3 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 10.311 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015411.D

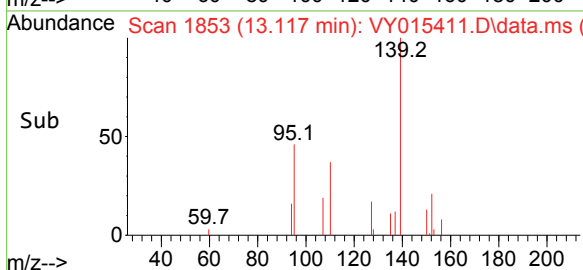
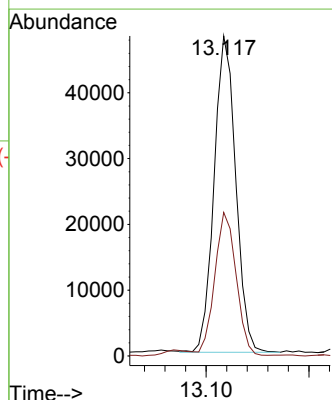
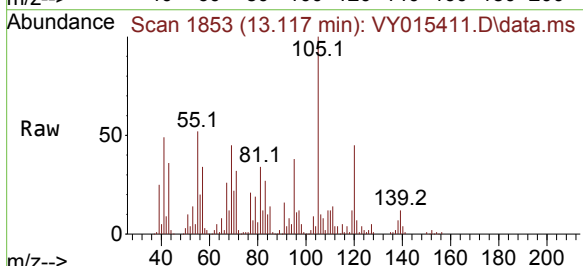
Acq: 01 Sep 2023 13:33

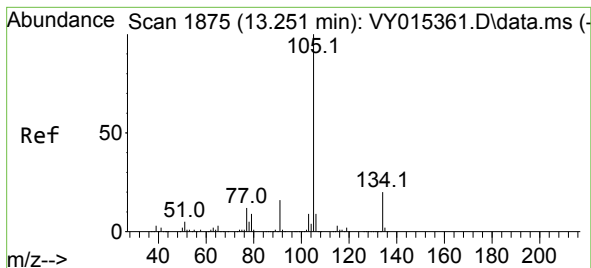
Tgt Ion:105 Resp: 70194

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 6.871 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

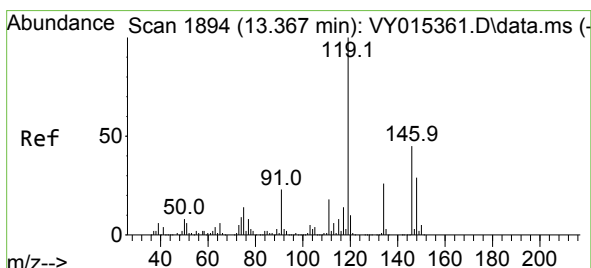
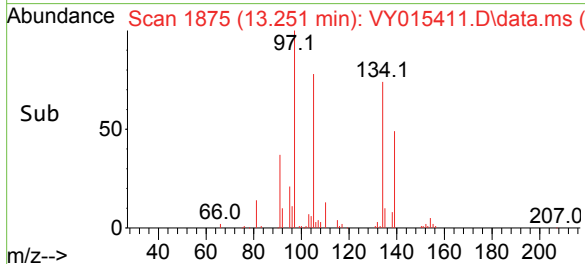
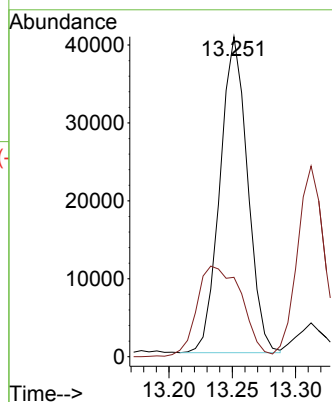
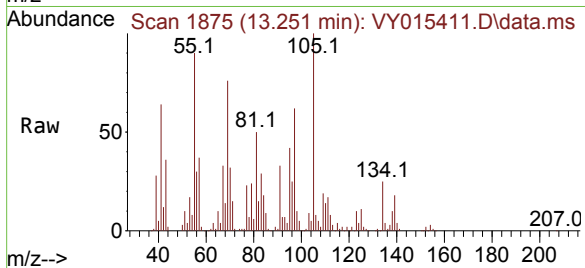
MW-2

Tgt Ion:105 Resp: 61547

Ion Ratio Lower Upper

105 100

134 46.4 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 22.645 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

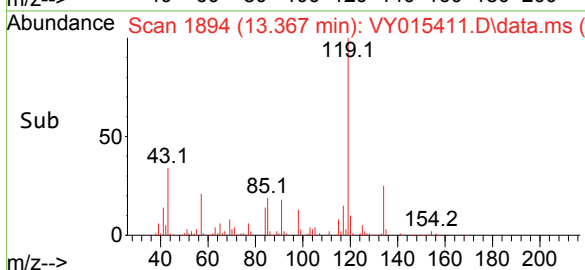
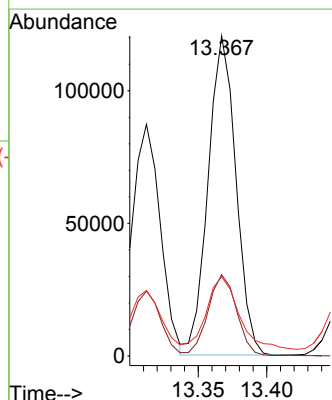
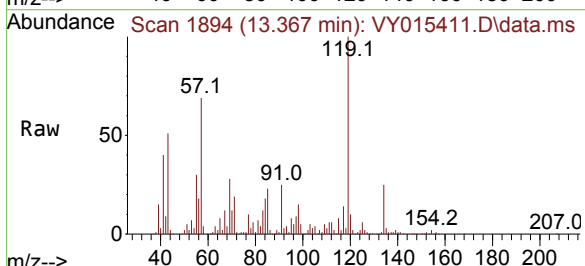
Tgt Ion:119 Resp: 170006

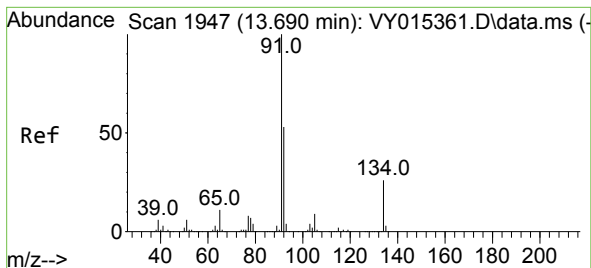
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

91 26.2 12.4 37.4





#89

n-Butylbenzene

Concen: 14.761 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015411.D

Acq: 01 Sep 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

MW-2

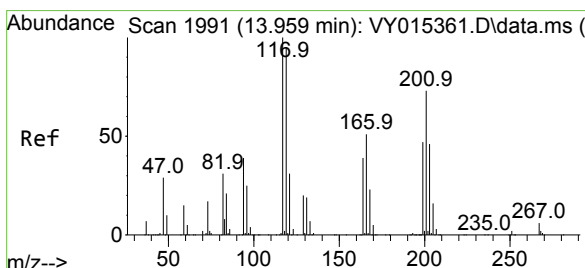
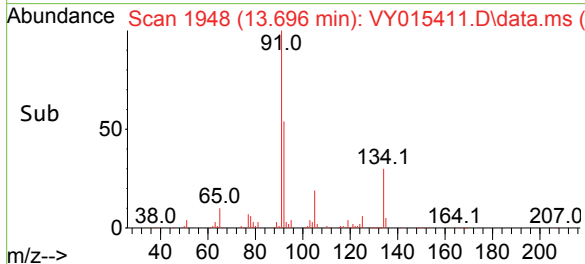
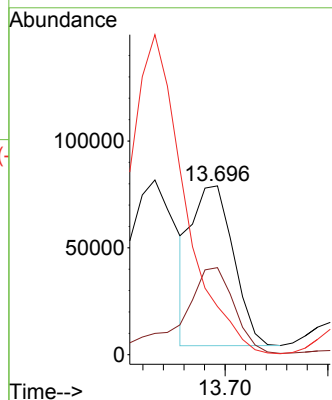
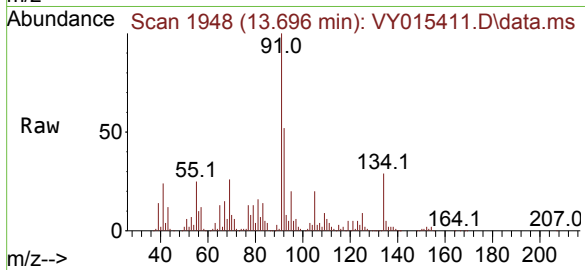
Tgt Ion: 91 Resp: 104305

Ion Ratio Lower Upper

91 100

92 69.2 25.4 76.0

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 55.445 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY015411.D

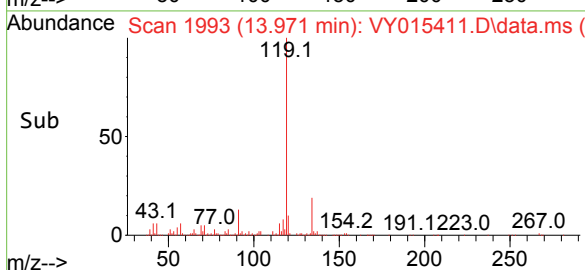
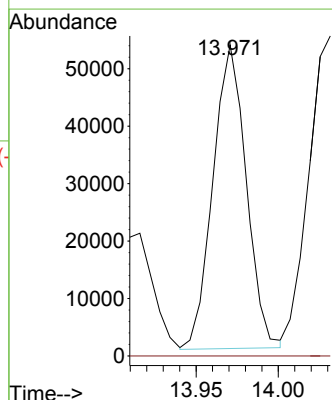
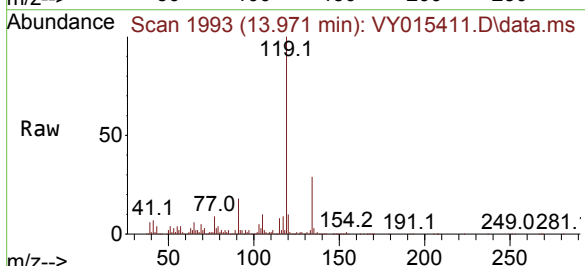
Acq: 01 Sep 2023 13:33

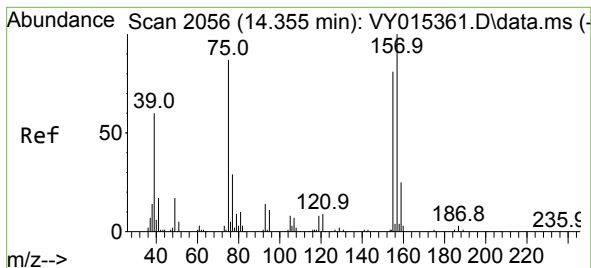
Tgt Ion: 117 Resp: 74447

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#

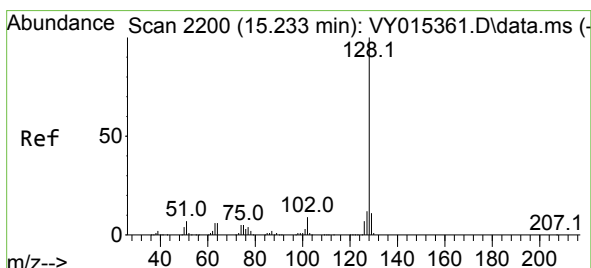
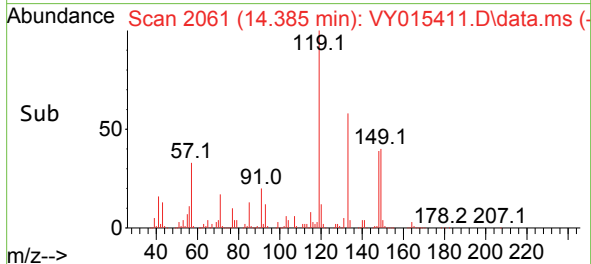
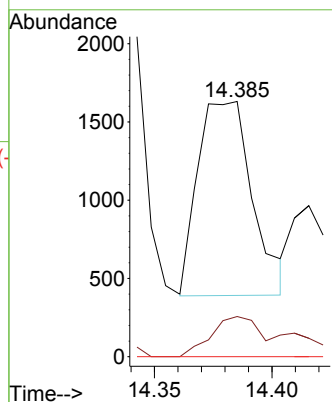
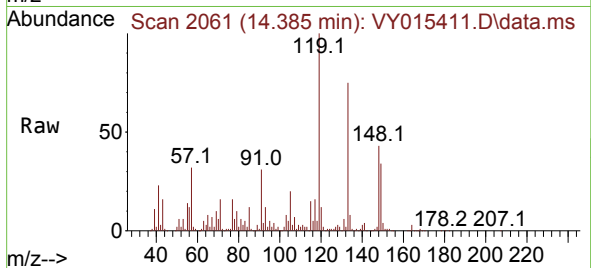




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.187 ug/l
RT: 14.385 min Scan# 2056
Delta R.T. 0.030 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Instrument :
MSVOA_Y
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 2008
Ion Ratio Lower Upper
75 100
155 28.2 41.5 124.6#
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 2.061 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY015411.D
Acq: 01 Sep 2023 13:33

Tgt Ion: 128 Resp: 11215
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

