

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015092.D
 Acq On : 14 Aug 2023 20:20
 Operator : SY/MD
 Sample : 03903-01
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-01

Quant Time: Aug 15 02:25:24 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	7.789	168	146037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	248942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	272752	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	301679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95669	54.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.140%	
35) Dibromofluoromethane	7.710	113	74860	46.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.480%	
50) Toluene-d8	10.179	98	1294552	217.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 434.280%#	
62) 4-Bromofluorobenzene	12.471	95	673916	309.486	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 618.980%#	

Target Compounds				Qvalue		
3) Chloromethane	2.107	50	624	Below Cal	93	
5) Bromomethane	2.644	94	231	Below Cal	#	43
11) Tert butyl alcohol	4.954	59	463	Below Cal	#	89
13) Acrolein	3.930	56	1403	Below Cal	92	
14) Allyl chloride	4.692	41	12953	7.189	ug/l	# 60
15) Acrylonitrile	5.229	53	3886	7.467	ug/l	# 36
16) Acetone	3.942	43	29295	51.153	ug/l	98
17) Carbon Disulfide	4.186	76	79867	44.659	ug/l	99
18) Methyl Acetate	4.692	43	27381	13.047	ug/l	# 54
20) Methylene Chloride	4.710	84	7295	1.086	ug/l	# 90
25) 2-Butanone	6.978	43	18238	22.492	ug/l	# 74
30) Chloroform	7.466	83	8593	3.149	ug/l	# 23
31) Cyclohexane	7.759	56	283677	188.223	ug/l	# 46
36) 1,1-Dichloropropene	7.783	75	11563	6.526	ug/l	# 50
37) Ethyl Acetate	6.978	43	18238	11.043	ug/l	# 73
38) Carbon Tetrachloride	7.789	117	14540	6.934	ug/l	# 16
39) Methylcyclohexane	9.179	83	1532397	771.501	ug/l	91
41) Methacrylonitrile	7.344	41	1931	2.267	ug/l	# 45
42) 1,2-Dichloroethane	8.271	62	2994	1.539	ug/l	# 1
43) Isopropyl Acetate	8.265	43	252977	84.114	ug/l	# 55
45) 1,2-Dichloropropane	9.185	63	12834	8.496	ug/l	# 1
47) Bromodichloromethane	9.478	83	275284	121.089	ug/l	# 28
48) Methyl methacrylate	9.319	41	78271	60.837	ug/l	# 31
51) 4-Methyl-2-Pentanone	10.112	43	427069	245.013	ug/l	# 75
55) 1,1,2-Trichloroethane	10.618	97	3946665	2724.477	ug/l	# 19
56) Ethyl methacrylate	10.520	69	1066352	502.994	ug/l	# 35
58) 2-Chloroethyl Vinyl ether	9.752	63	12224	12.390	ug/l	# 48
59) 2-Hexanone	10.801	43	3705130	2872.103	ug/l	# 32
60) Dibromochloromethane	10.910	129	15657	9.061	ug/l	63
61) 1,2-Dibromoethane	11.063	107	11197	8.137	ug/l	# 1
65) Chlorobenzene	11.624	112	110570	22.249	ug/l	# 43
67) Ethyl Benzene	11.630	91	81077	9.312	ug/l	# 47
68) m/p-Xylenes	11.697	106	7661	2.317	ug/l	# 1
73) Isopropylbenzene	12.331	105	236217	12.177	ug/l	96
74) N-amyl acetate	12.124	43	2287908	326.658	ug/l	# 61
75) 1,1,2,2-Tetrachloroethane	12.556	83	270183	53.477	ug/l	# 89

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

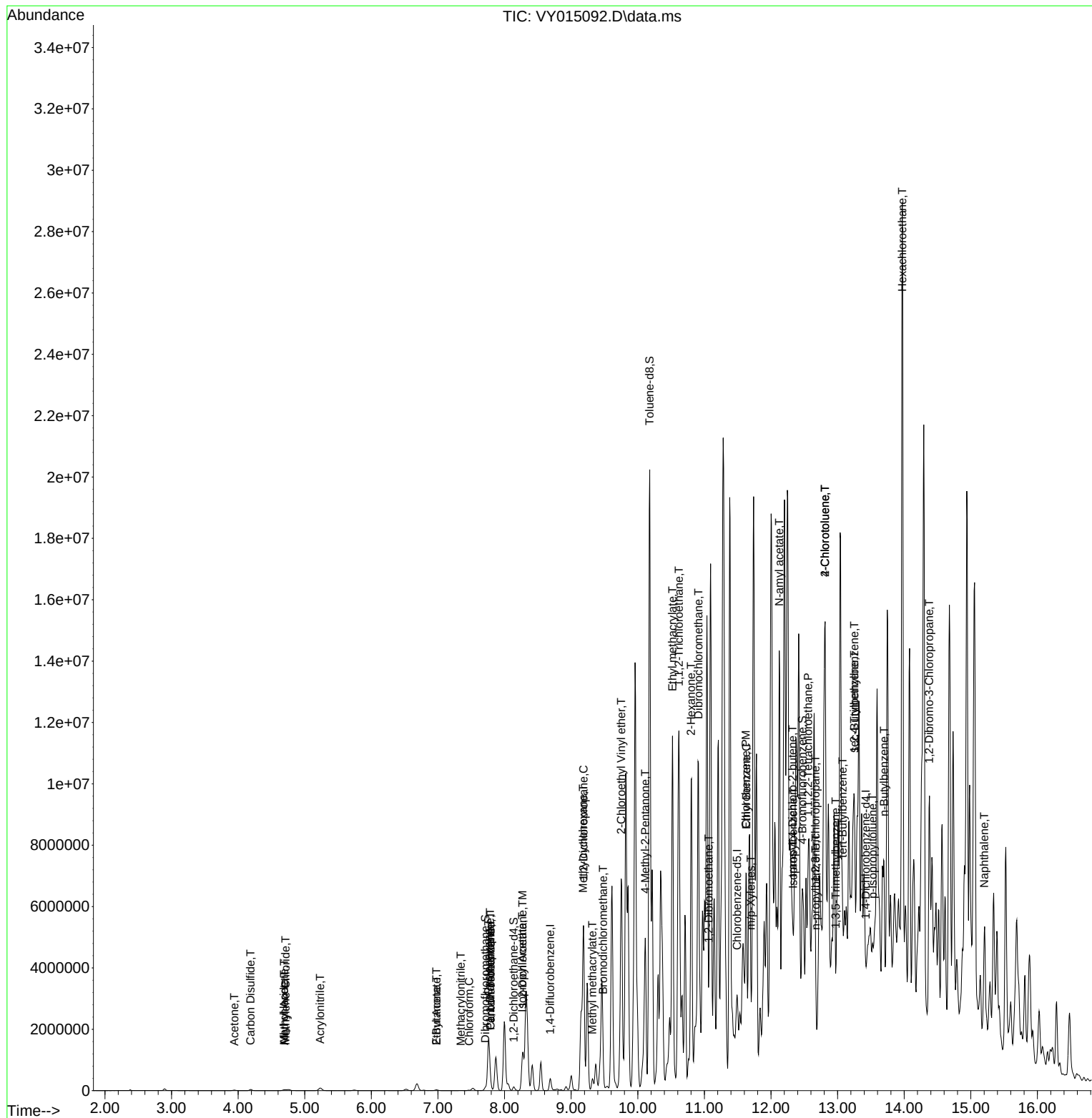
76) 1,2,3-Trichloropropane	12.666	75	4122	1.125	ug/l #	100	
78) n-propylbenzene	12.672	91	428147	18.586	ug/l	94	
79) 2-Chlorotoluene	12.813	91	85701	6.449	ug/l	75	
80) 1,3,5-Trimethylbenzene	12.971	105	58124	3.594	ug/l	71	
81) trans-1,4-Dichloro-2-b...	12.325	75	2744	1.644	ug/l #	1	
82) 4-Chlorotoluene	12.813	91	98414	7.168	ug/l	86	
83) tert-Butylbenzene	13.075	119	158923	10.745	ug/l #	53	
84) 1,2,4-Trimethylbenzene	13.251	105	1999341	123.734	ug/l #	32	
85) sec-Butylbenzene	13.251	105	1999341	92.258	ug/l #	47	
86) p-Isopropyltoluene	13.526	119	473215	26.337	ug/l	91	
89) n-Butylbenzene	13.697	91	2162121	127.627	ug/l #	80	
90) Hexachloroethane	13.971	117	1255499	352.227	ug/l #	8	
92) 1,2-Dibromo-3-Chloropr...	14.373	75	20073	20.509	ug/l #	6	
95) Naphthalene	15.202	128	152749	10.901	ug/l #	1	

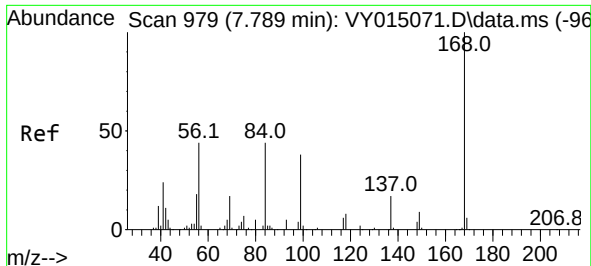
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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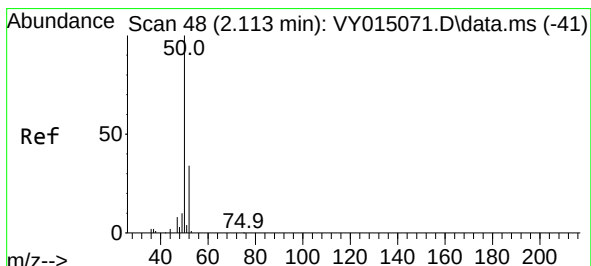
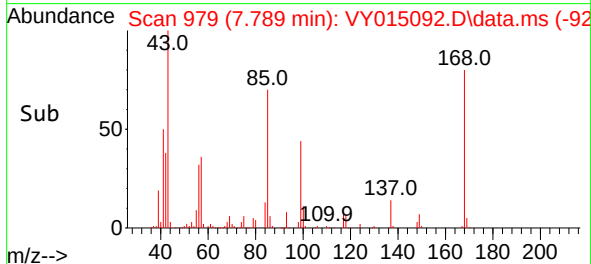
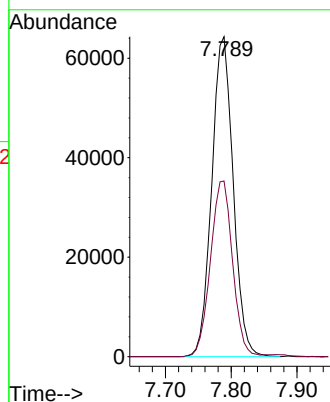
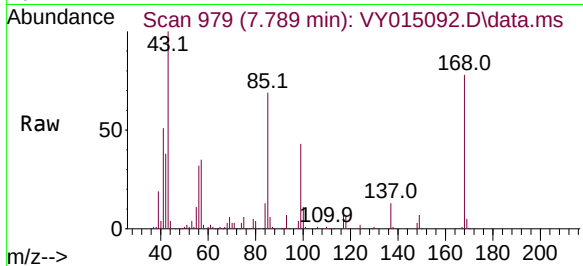




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

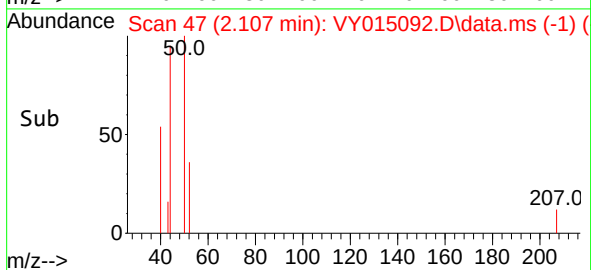
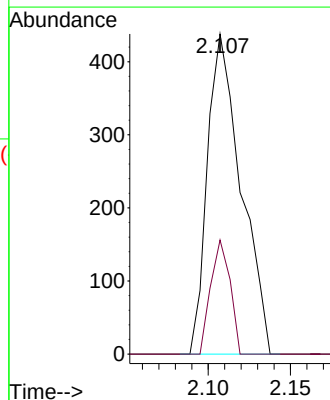
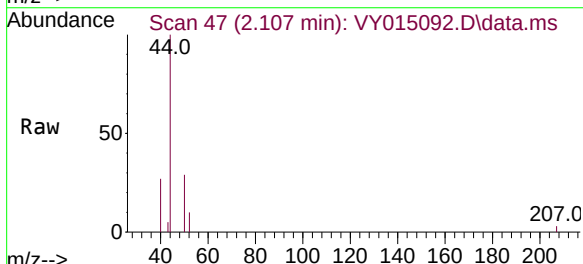
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

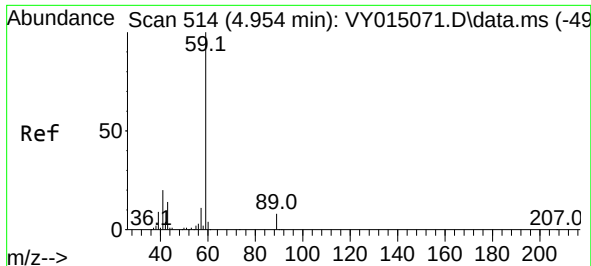
Tgt Ion:168 Resp: 146037
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 50 Resp: 624
Ion Ratio Lower Upper
50 100
52 35.6 25.4 38.2

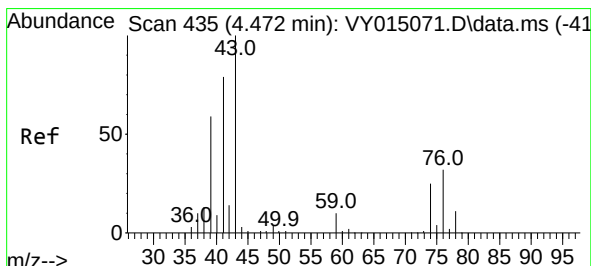
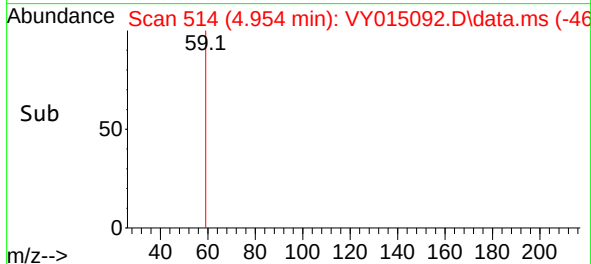
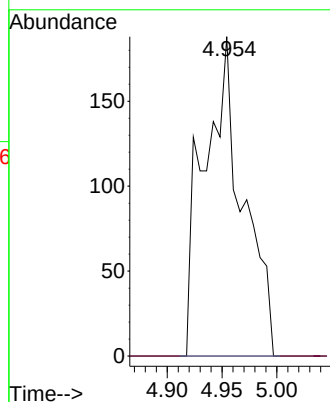
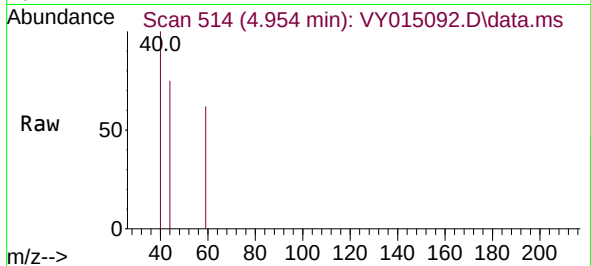




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

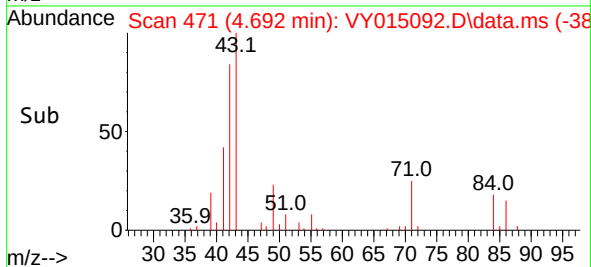
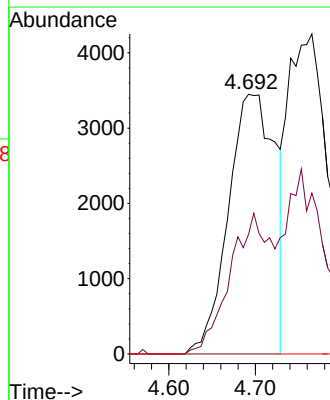
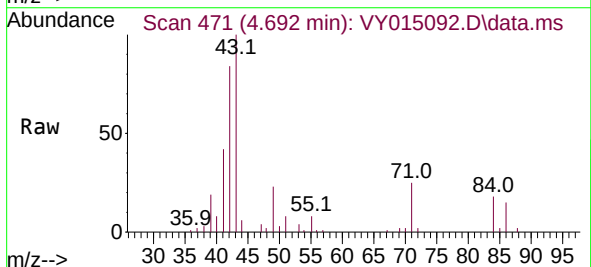
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

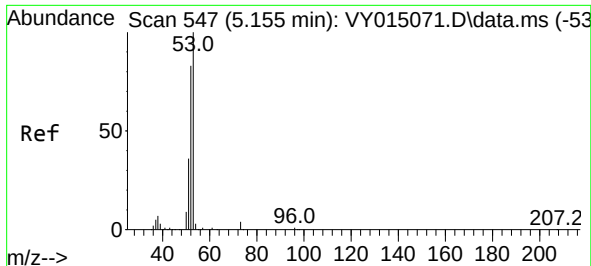
Tgt Ion: 59 Resp: 463
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#14
Allyl chloride
Concen: 7.189 ug/l
RT: 4.692 min Scan# 471
Delta R.T. 0.220 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 41 Resp: 12953
Ion Ratio Lower Upper
41 100
39 47.1 58.0 87.0#
76 0.0 27.4 41.2#

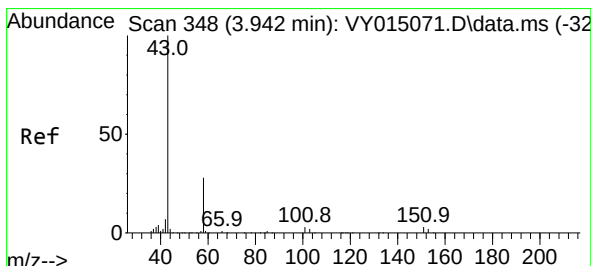
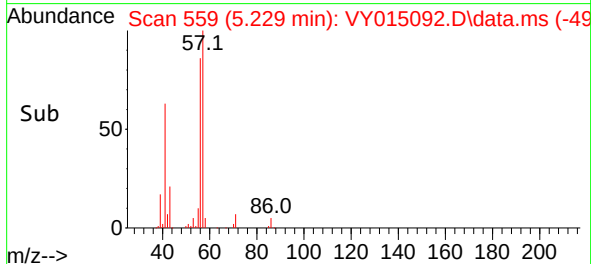
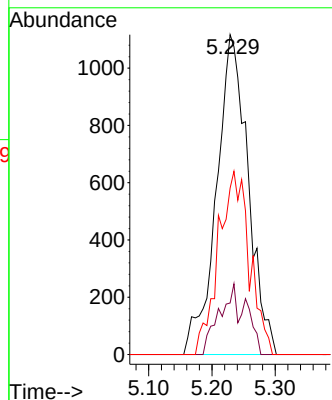
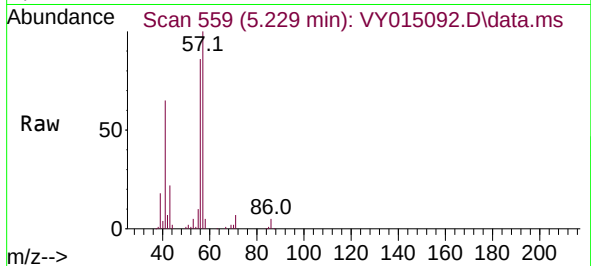




#15
Acrylonitrile
Concen: 7.467 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.073 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

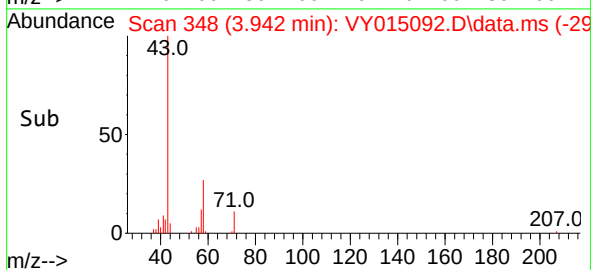
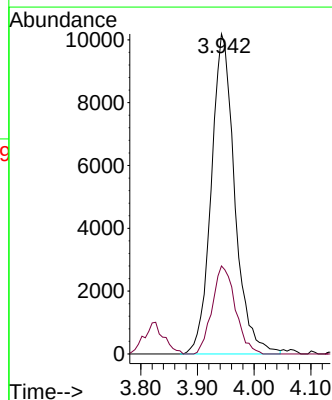
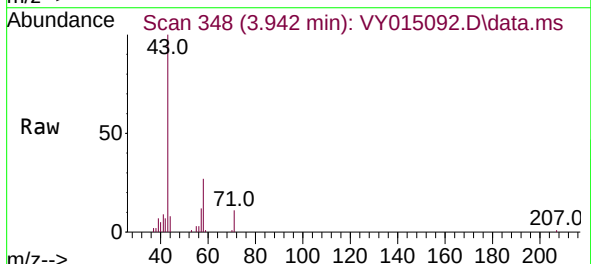
Instrument :
MSVOA_Y
ClientSampleId :
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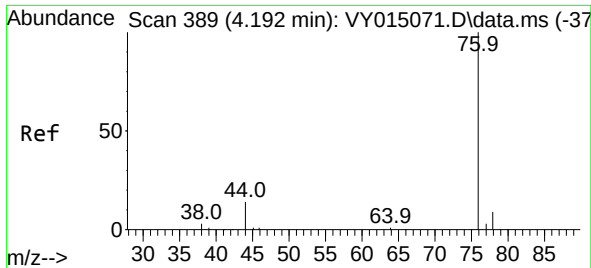
Tgt Ion: 53 Resp: 3886
Ion Ratio Lower Upper
53 100
52 13.3 66.9 100.3#
51 56.3 29.8 44.6#



#16
Acetone
Concen: 51.153 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 43 Resp: 29295
Ion Ratio Lower Upper
43 100
58 27.5 22.7 34.1





#17

Carbon Disulfide

Concen: 44.659 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

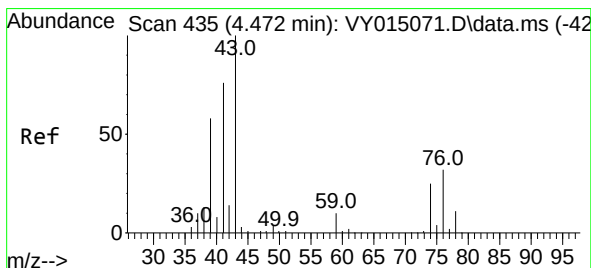
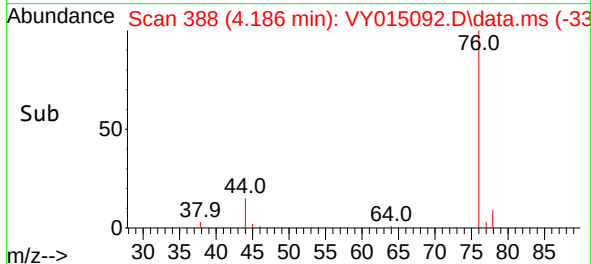
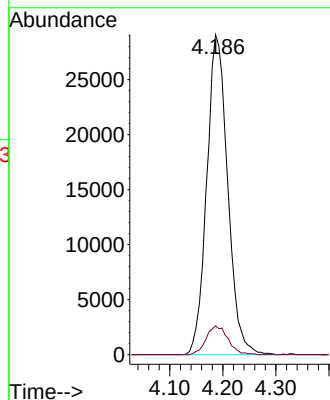
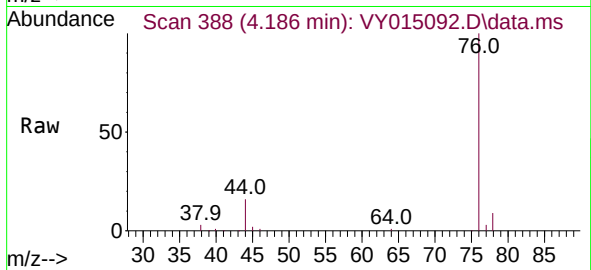
MW-01

Tgt Ion: 76 Resp: 79867

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 13.047 ug/l

RT: 4.692 min Scan# 471

Delta R.T. 0.226 min

Lab File: VY015092.D

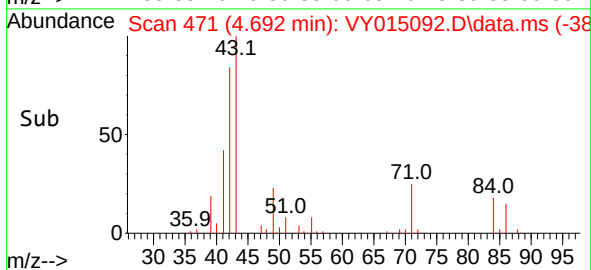
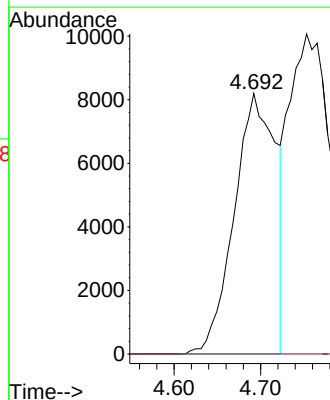
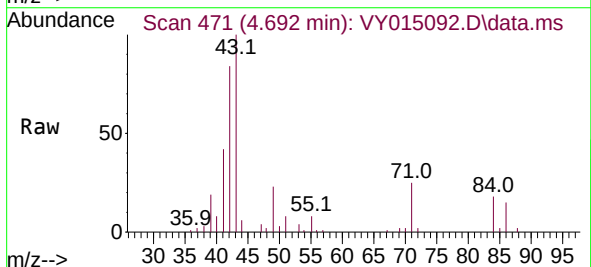
Acq: 14 Aug 2023 20:20

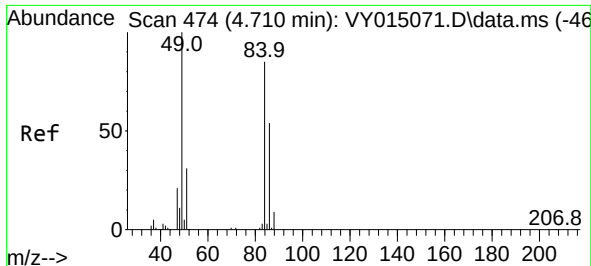
Tgt Ion: 43 Resp: 27381

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#

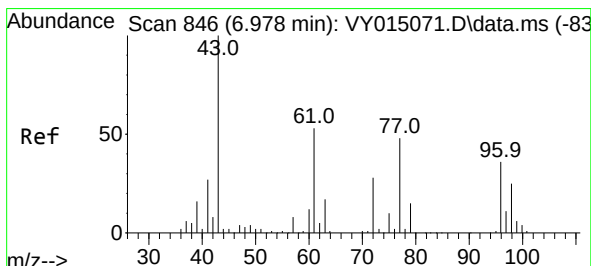
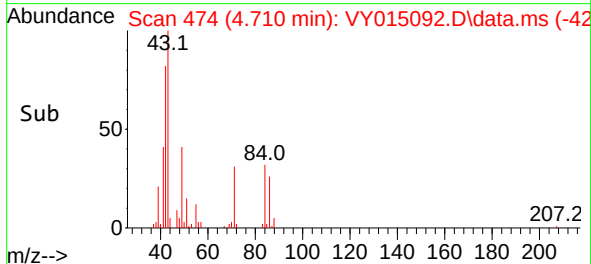
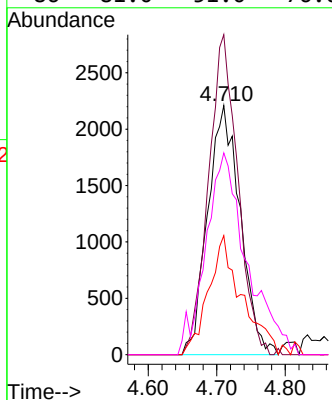
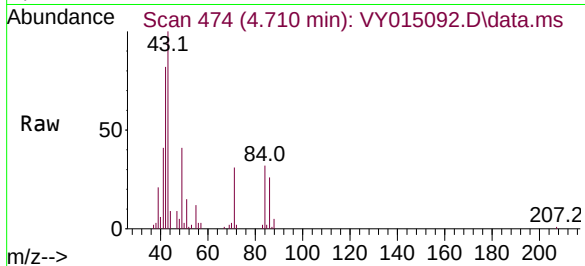




#20
Methylene Chloride
Concen: 1.086 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

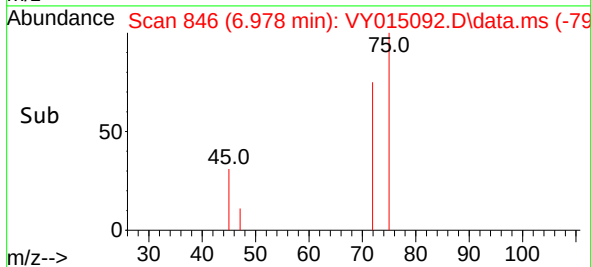
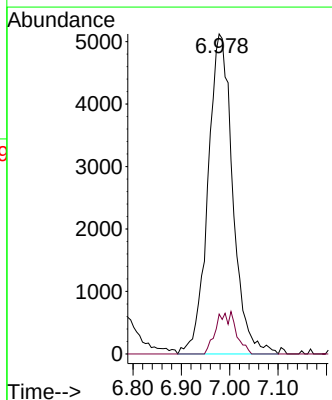
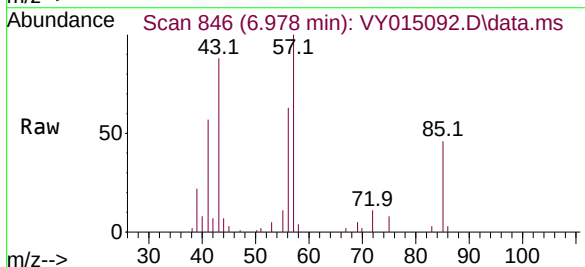
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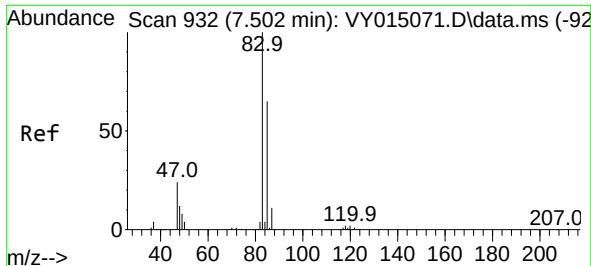
Tgt Ion:	84	Resp:	7295
Ion	Ratio	Lower	Upper
84	100		
49	128.4	106.9	160.3
51	47.8	33.2	49.8
86	81.0	51.0	76.6



#25
2-Butanone
Concen: 22.492 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion:	43	Resp:	18238
Ion	Ratio	Lower	Upper
43	100		
72	12.5	20.5	30.7

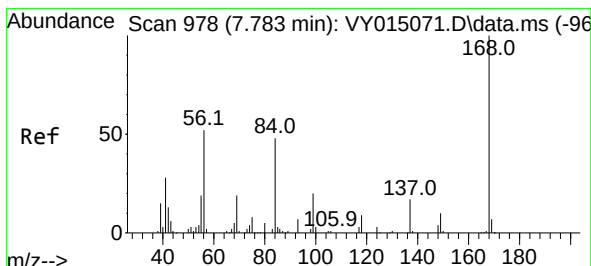
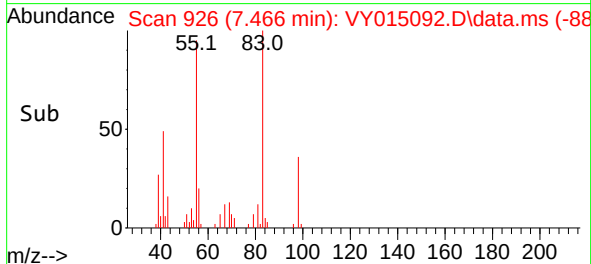
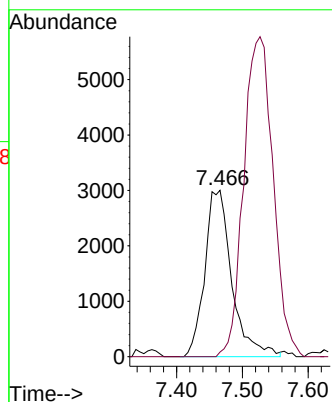
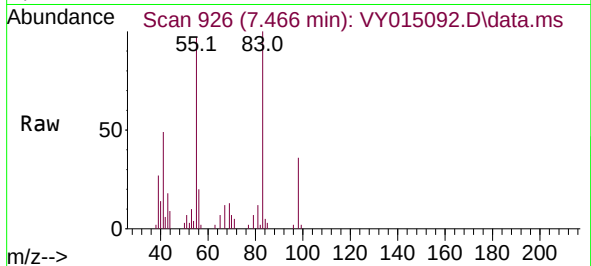




#30
Chloroform
Concen: 3.149 ug/l
RT: 7.466 min Scan# 91
Delta R.T. -0.036 min
Lab File: VY015092.D
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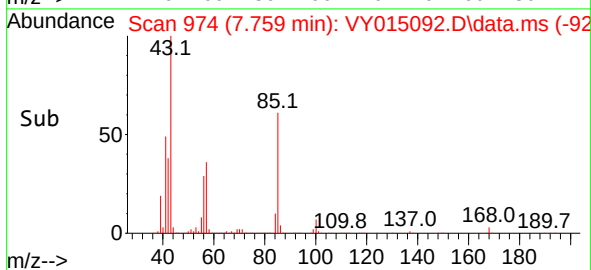
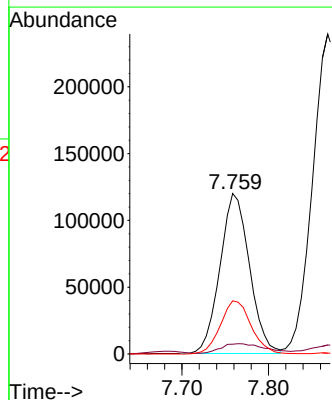
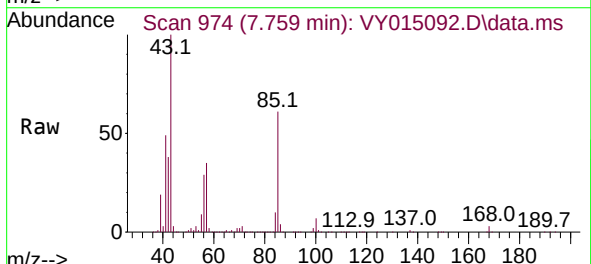
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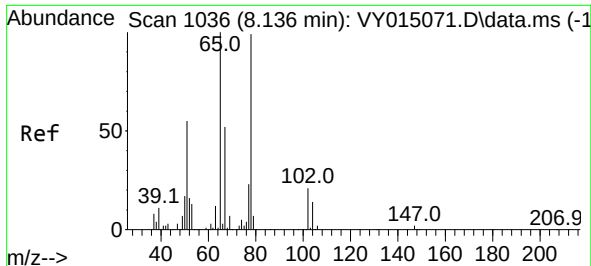
Tgt Ion: 83 Resp: 8593
Ion Ratio Lower Upper
83 100
85 2.8 49.7 74.5#



#31
Cyclohexane
Concen: 188.223 ug/l
RT: 7.759 min Scan# 974
Delta R.T. -0.018 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 56 Resp: 283677
Ion Ratio Lower Upper
56 100
69 4.9 27.8 41.6#
84 33.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.573 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

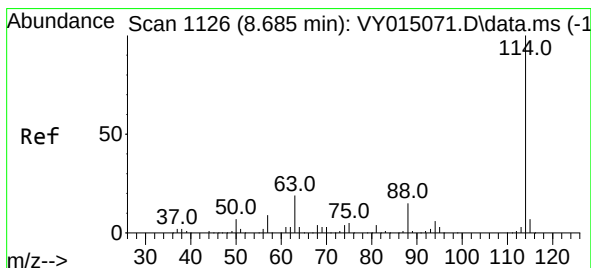
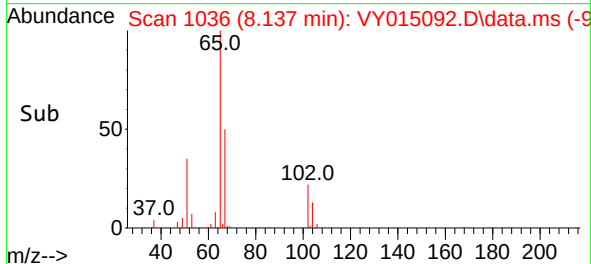
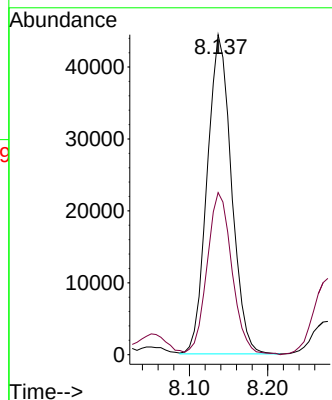
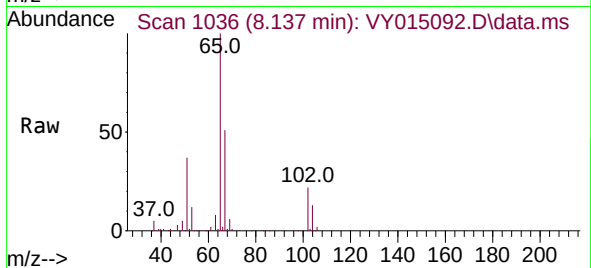
MW-01

Tgt Ion: 65 Resp: 95669

Ion Ratio Lower Upper

65 100

67 52.1 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: VY015092.D

Acq: 14 Aug 2023 20:20

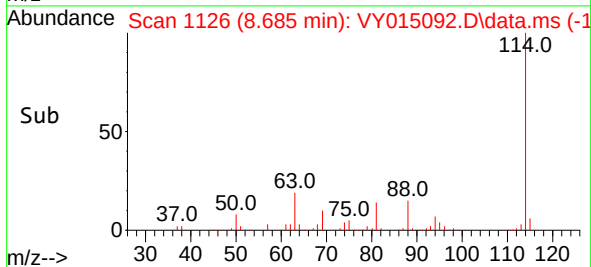
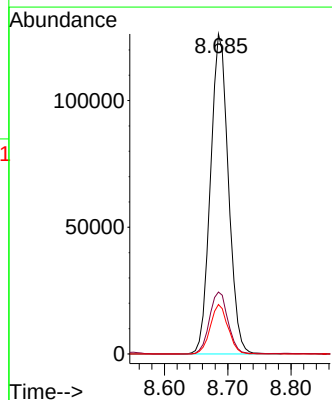
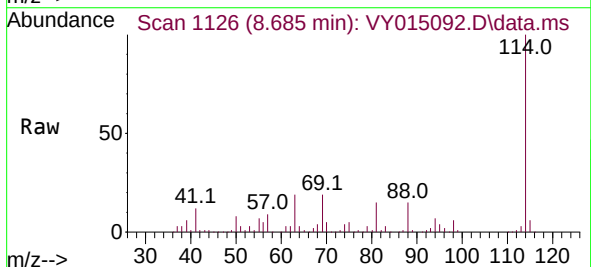
Tgt Ion: 114 Resp: 248942

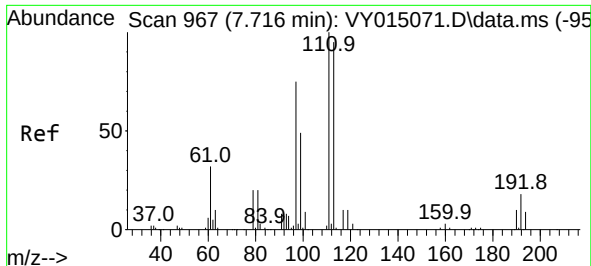
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.4 0.0 30.6

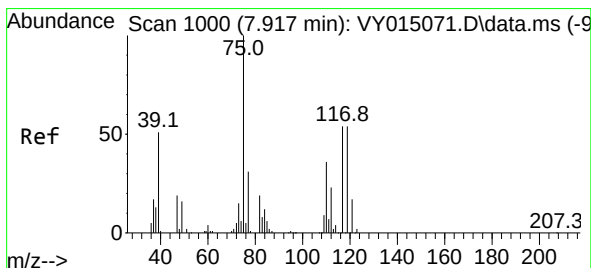
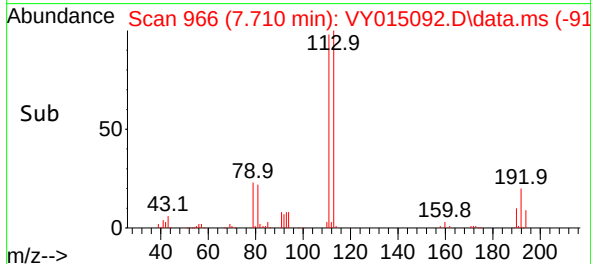
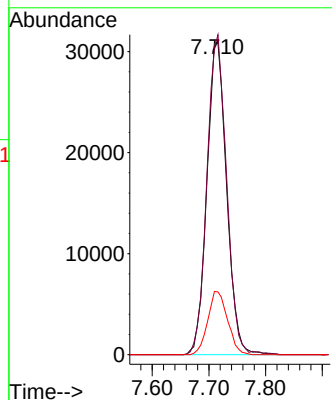
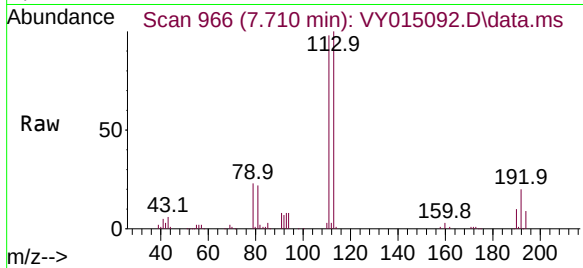




#35
 Dibromofluoromethane
 Concen: 46.743 ug/l
 RT: 7.710 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VY015092.D
 Acq: 14 Aug 2023 20:20

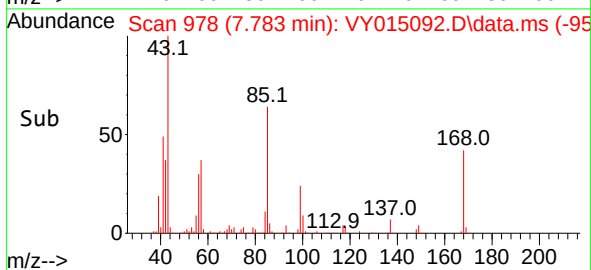
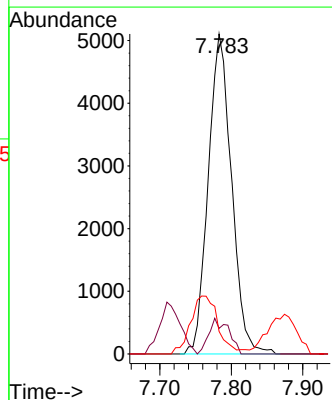
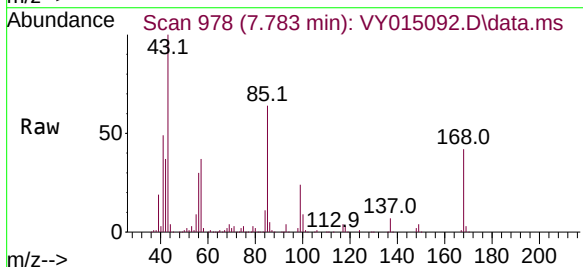
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-01

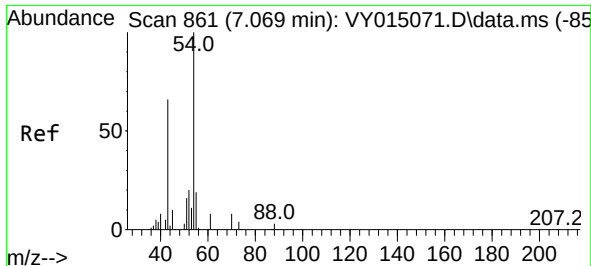
Tgt Ion:113 Resp: 74860
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.3 121.9
 192 20.3 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 6.526 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.128 min
 Lab File: VY015092.D
 Acq: 14 Aug 2023 20:20

Tgt Ion: 75 Resp: 11563
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.8 53.5#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 11.043 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

MW-01

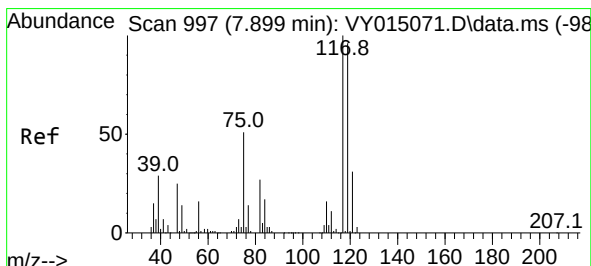
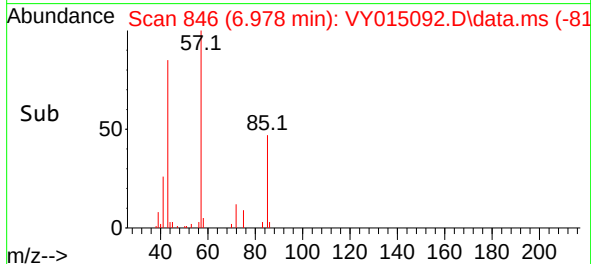
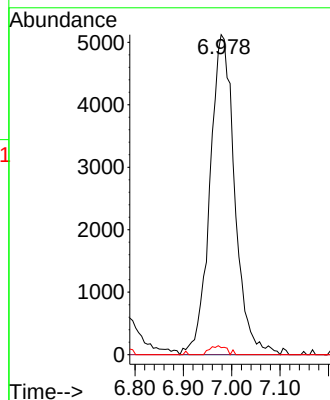
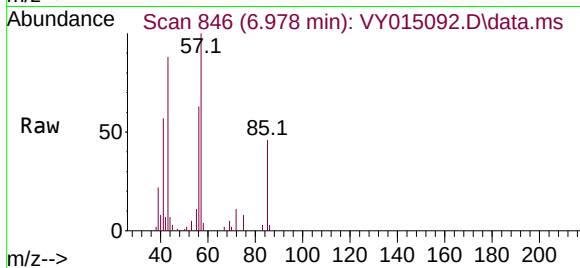
Tgt Ion: 43 Resp: 18238

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 1.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.934 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

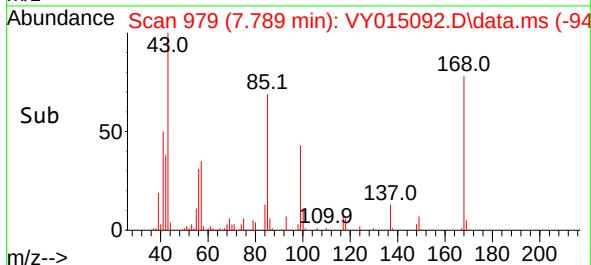
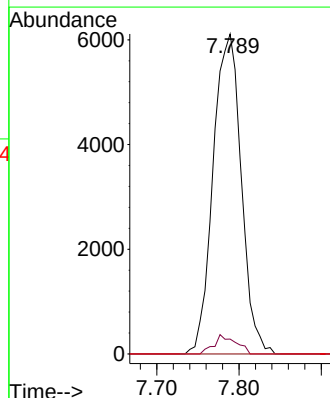
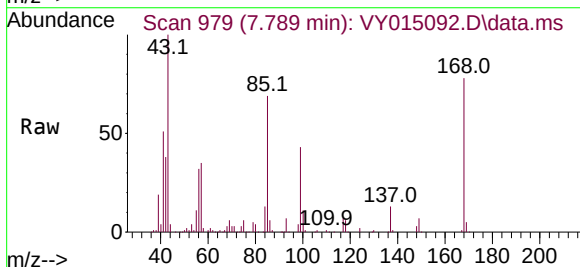
Tgt Ion: 117 Resp: 14540

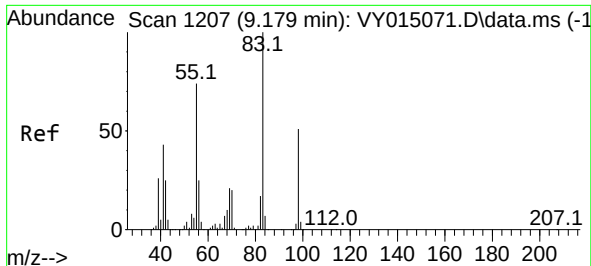
Ion Ratio Lower Upper

117 100

119 4.7 76.4 114.6#

121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 771.501 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

MW-01

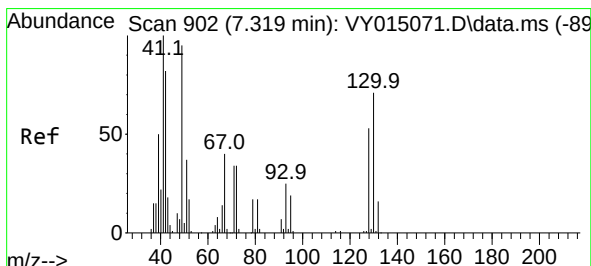
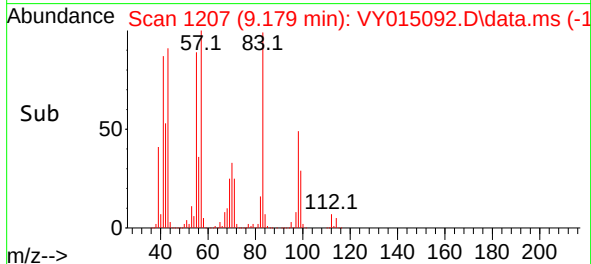
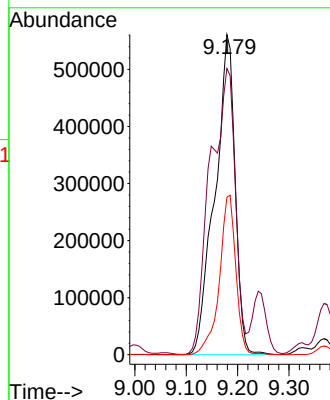
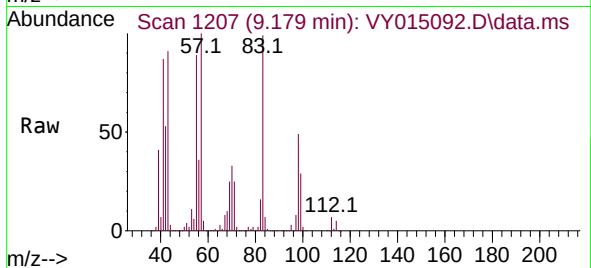
Tgt Ion: 83 Resp: 1532397

Ion Ratio Lower Upper

83 100

55 89.4 63.0 94.4

98 49.2 37.4 56.2



#41

Methacrylonitrile

Concen: 2.267 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.037 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Tgt Ion: 41 Resp: 1931

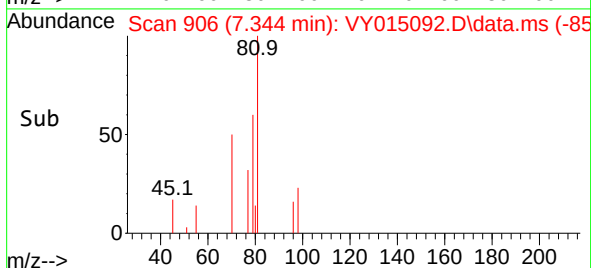
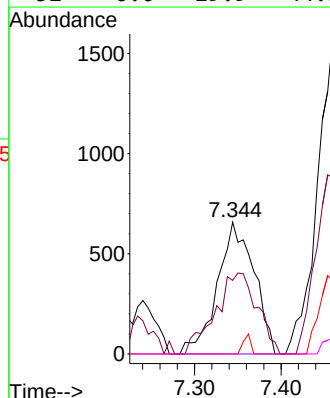
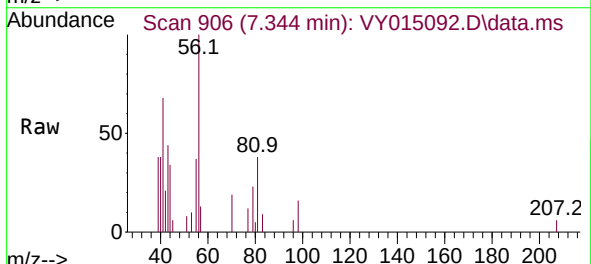
Ion Ratio Lower Upper

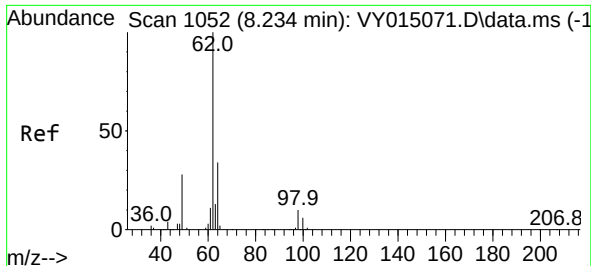
41 100

39 70.4 52.1 78.1

67 3.1 66.2 99.2#

52 0.0 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 1.539 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.037 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

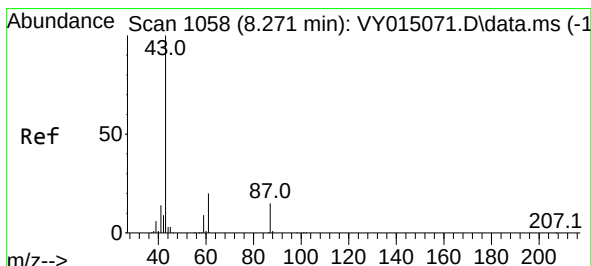
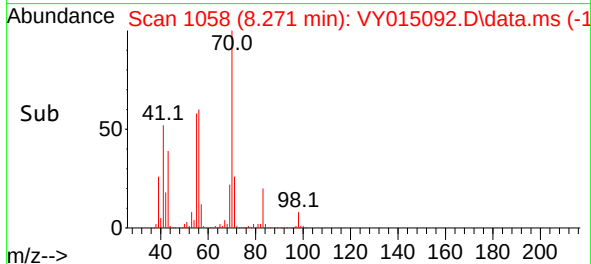
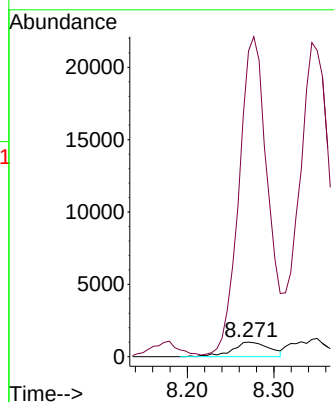
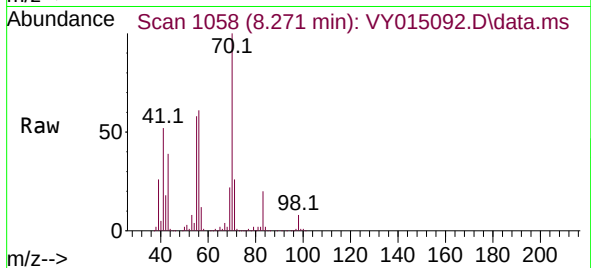
MW-01

Tgt Ion: 62 Resp: 2994

Ion Ratio Lower Upper

62 100

98 1678.2 0.0 15.8#



#43

Isopropyl Acetate

Concen: 84.114 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

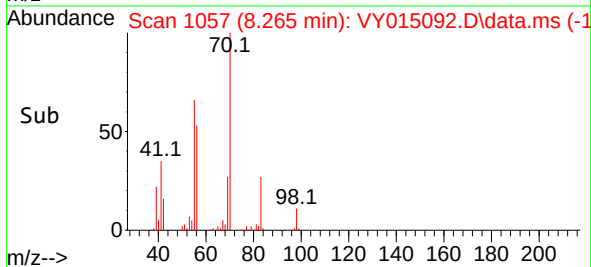
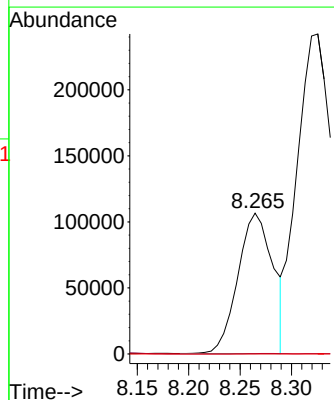
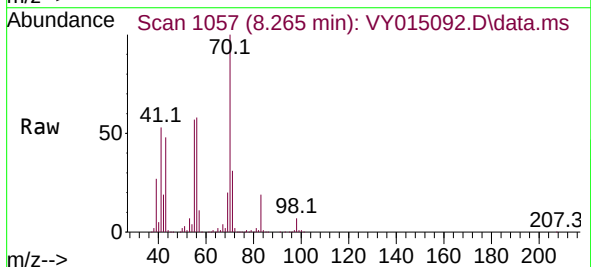
Tgt Ion: 43 Resp: 252977

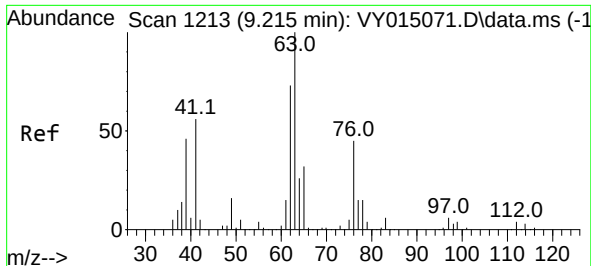
Ion Ratio Lower Upper

43 100

61 0.3 21.1 31.7#

87 0.0 9.8 14.8#





#45

1,2-Dichloropropane

Concen: 8.496 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.024 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

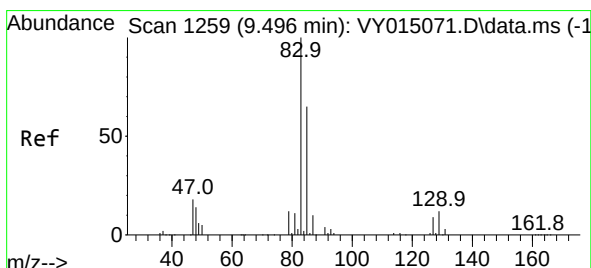
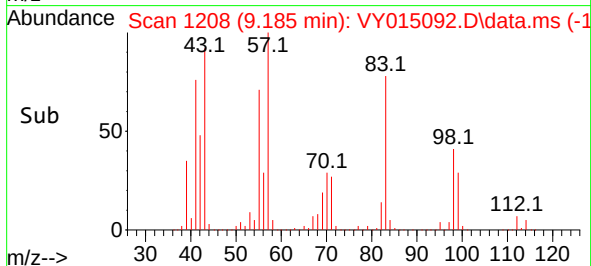
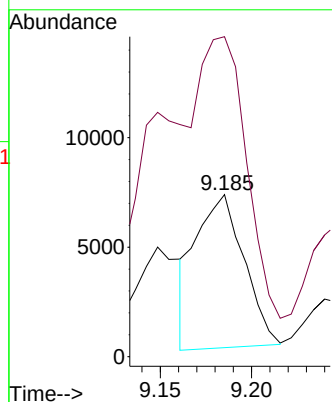
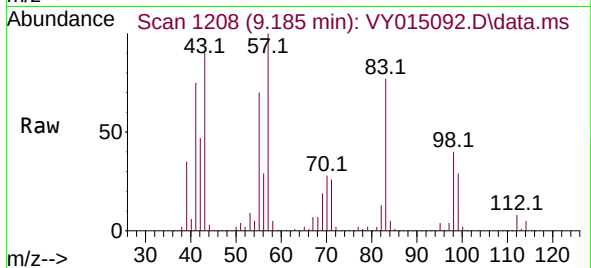
MW-01

Tgt Ion: 63 Resp: 12834

Ion Ratio Lower Upper

63 100

65 189.6 23.8 35.6#



#47

Bromodichloromethane

Concen: 121.089 ug/l

RT: 9.478 min Scan# 1256

Delta R.T. -0.018 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

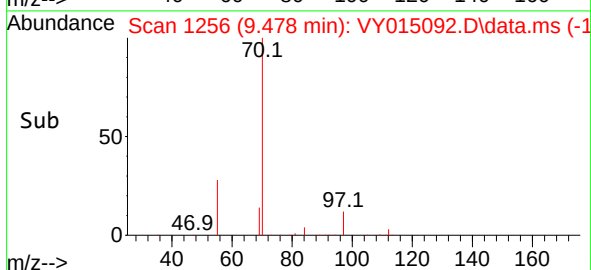
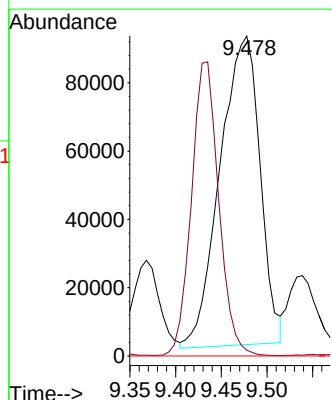
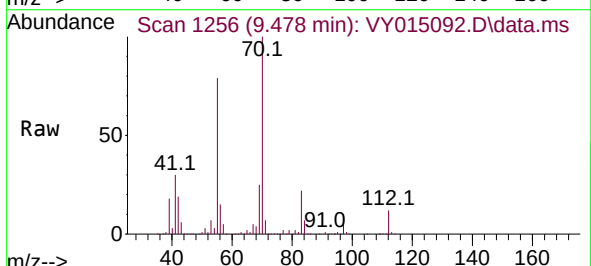
Tgt Ion: 83 Resp: 275284

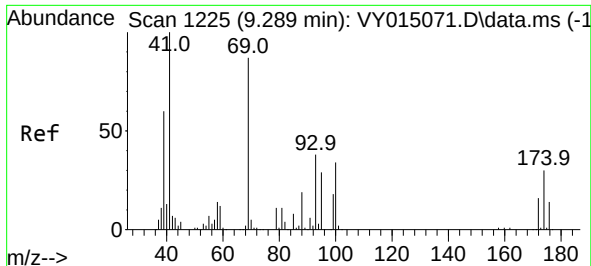
Ion Ratio Lower Upper

83 100

85 1.8 50.1 75.1#

127 0.0 7.1 10.7#

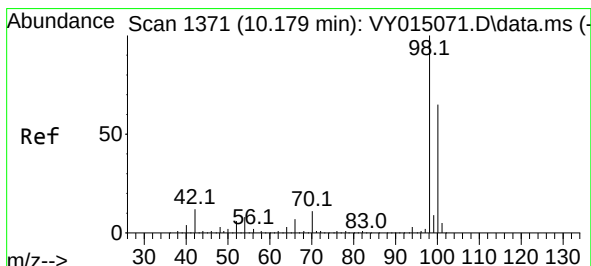
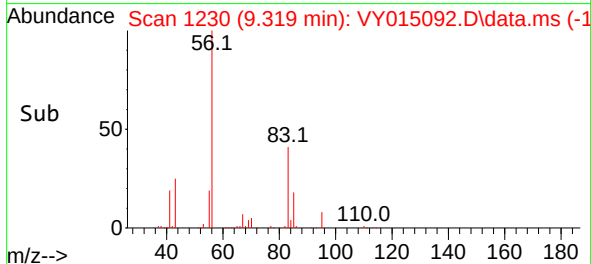
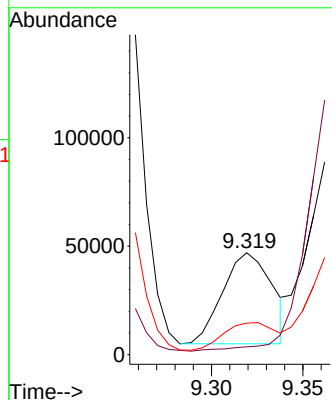
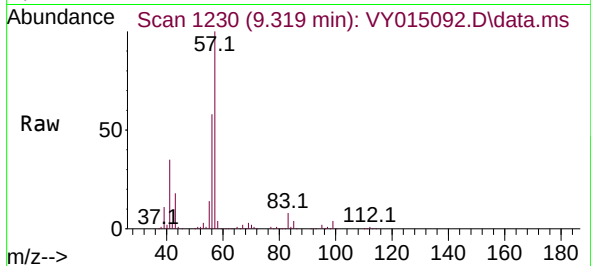




#48
Methyl methacrylate
Concen: 60.837 ug/l
RT: 9.319 min Scan# 11
Delta R.T. 0.031 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

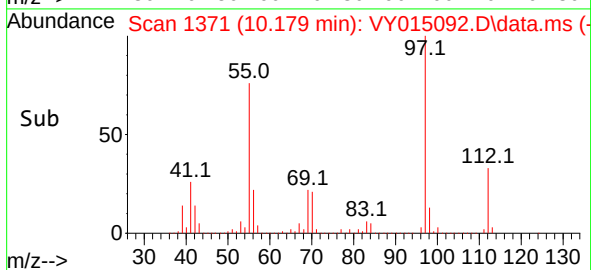
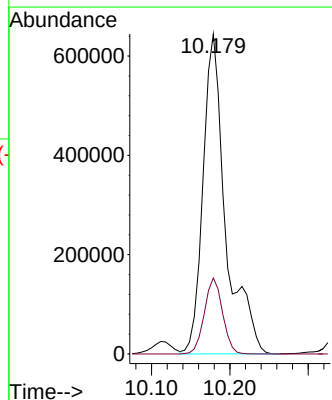
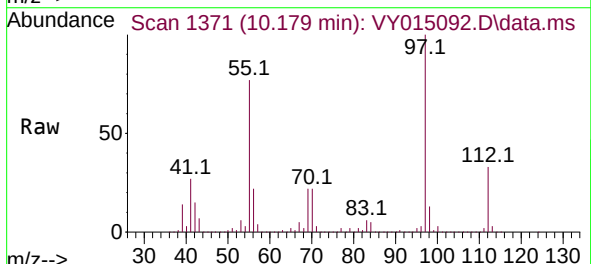
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

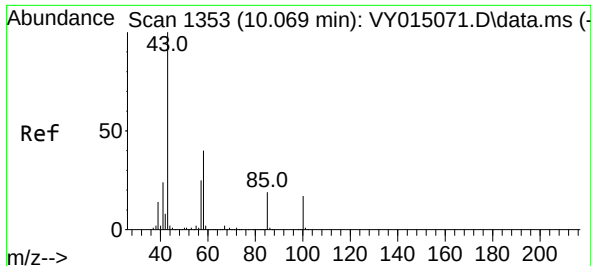
Tgt Ion: 41 Resp: 78271
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 31.7 50.8 76.2#



#50
Toluene-d8
Concen: 217.141 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 98 Resp: 1294552
Ion Ratio Lower Upper
98 100
100 19.0 50.1 75.1#

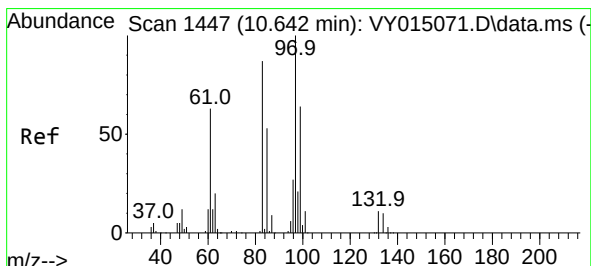
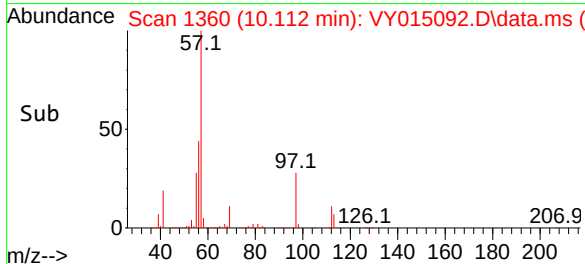
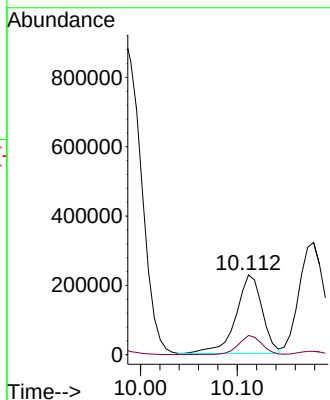
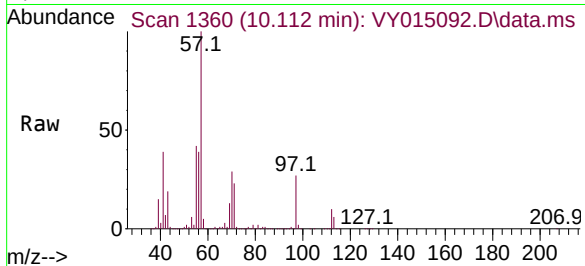




#51
4-Methyl-2-Pentanone
Concen: 245.013 ug/l
RT: 10.112 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

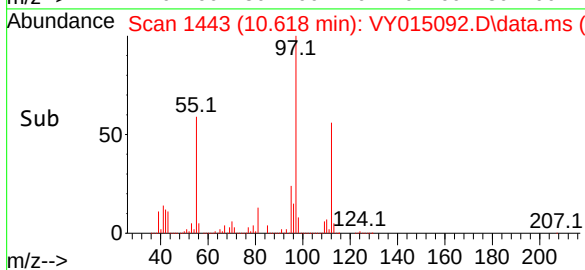
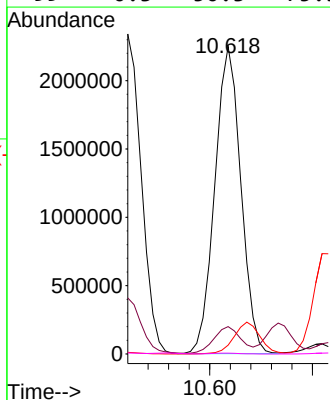
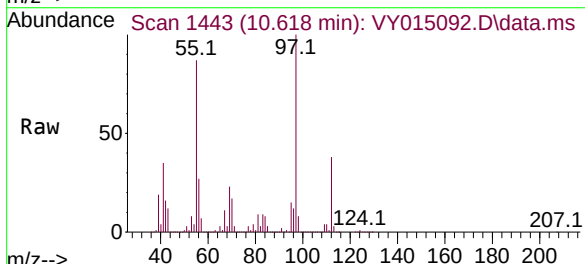
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

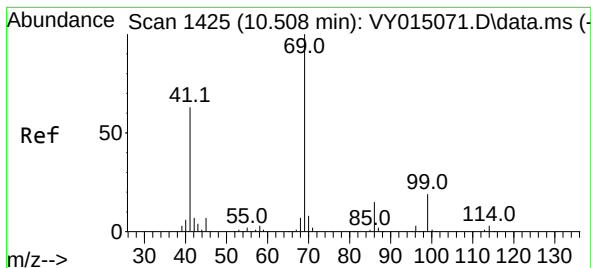
Tgt Ion: 43 Resp: 427069
Ion Ratio Lower Upper
43 100
58 21.8 29.0 43.6#



#55
1,1,2-Trichloroethane
Concen: 2724.477 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 97 Resp: 3946665
Ion Ratio Lower Upper
97 100
83 8.6 72.0 108.0#
85 2.9 45.4 68.0#
99 0.3 50.3 75.5#

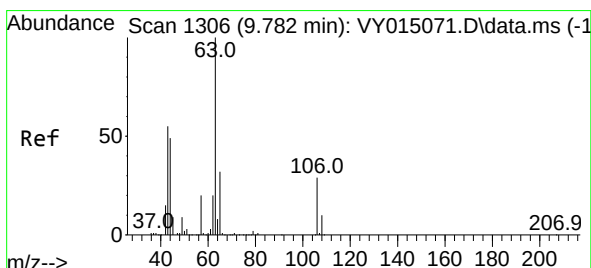
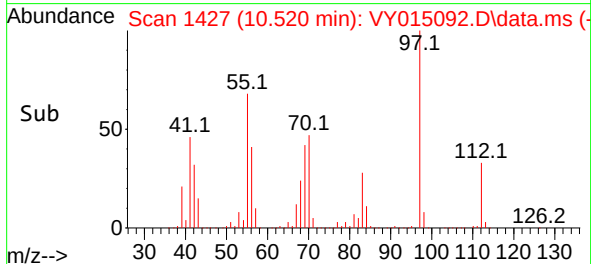
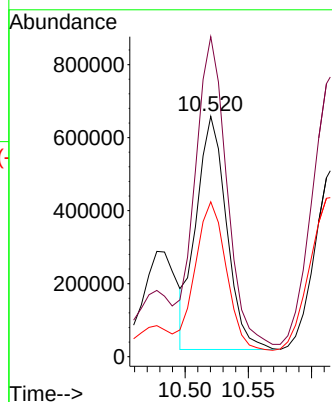
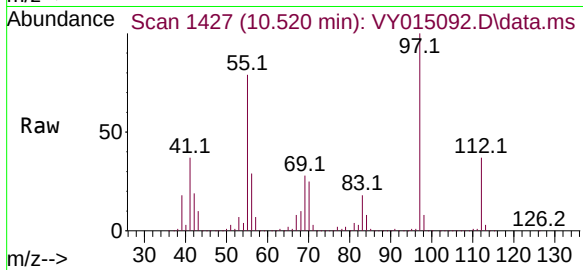




#56
Ethyl methacrylate
Concen: 502.994 ug/l
RT: 10.520 min Scan# 1425
Delta R.T. 0.012 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

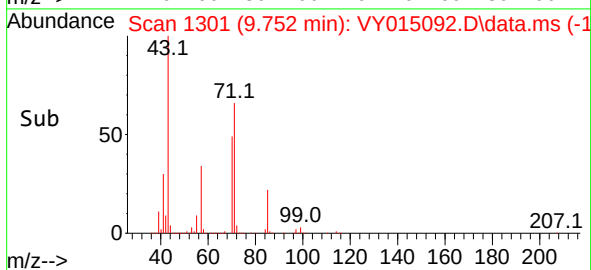
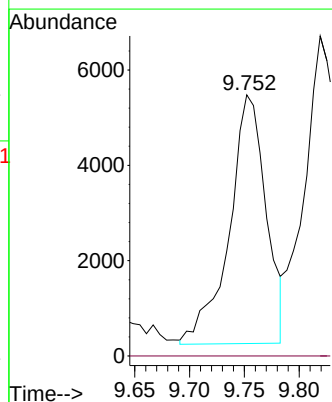
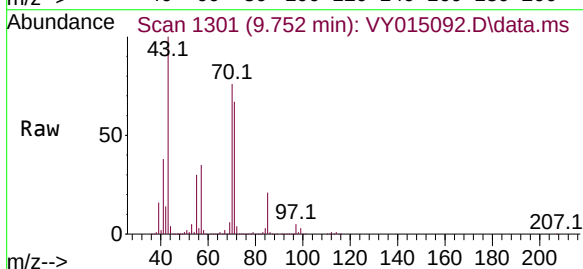
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

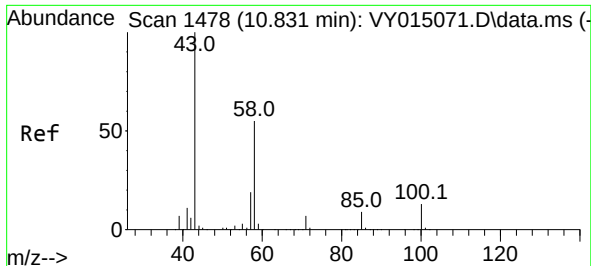
Tgt Ion: 69 Resp: 1066352
Ion Ratio Lower Upper
69 100
41 139.8 57.6 86.4#
39 65.7 34.1 51.1#



#58
2-Chloroethyl Vinyl ether
Concen: 12.390 ug/l
RT: 9.752 min Scan# 1301
Delta R.T. -0.024 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 63 Resp: 12224
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#

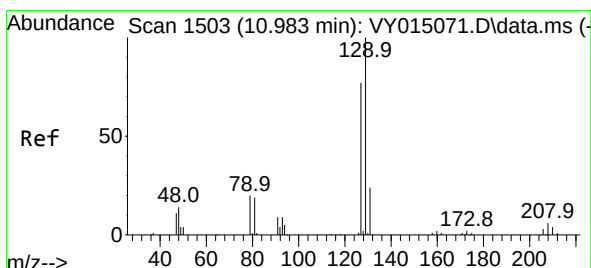
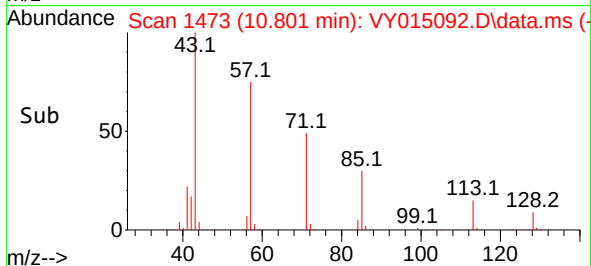
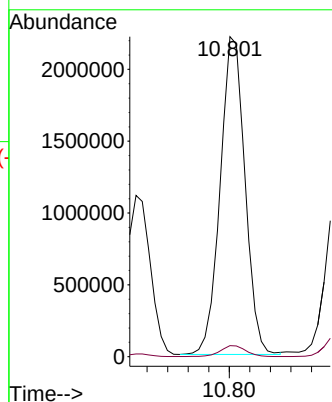
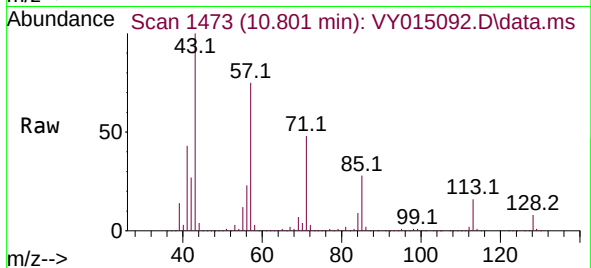




#59
2-Hexanone
Concen: 2872.103 ug/l
RT: 10.801 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

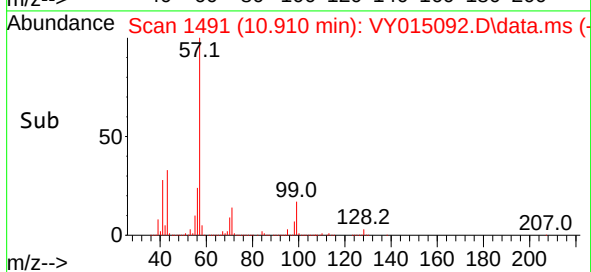
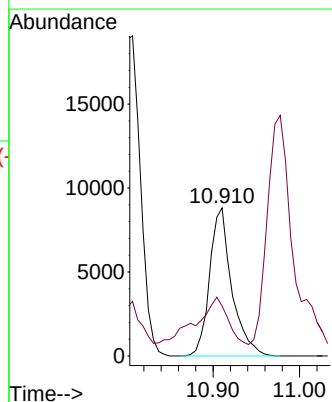
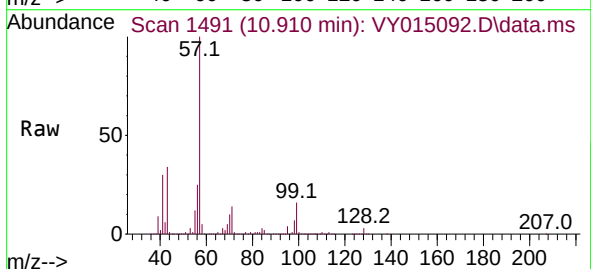
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

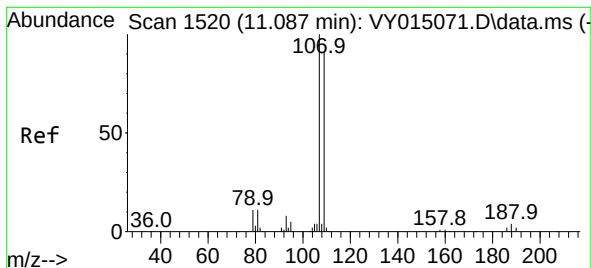
Tgt Ion: 43 Resp: 3705130
Ion Ratio Lower Upper
43 100
58 3.5 25.1 75.3#



#60
Dibromochloromethane
Concen: 9.061 ug/l
RT: 10.910 min Scan# 1491
Delta R.T. -0.073 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion:129 Resp: 15657
Ion Ratio Lower Upper
129 100
127 45.3 38.5 115.5

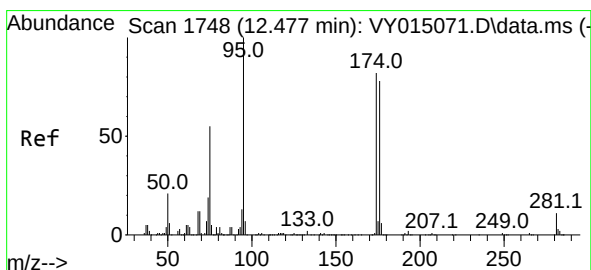
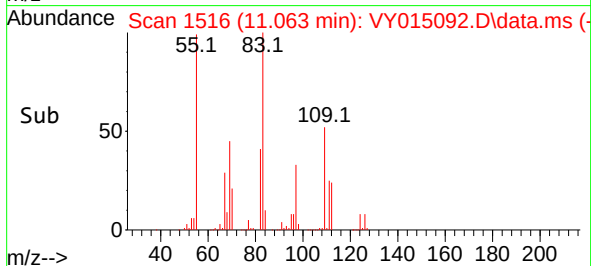
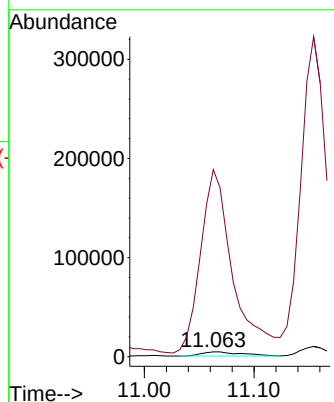
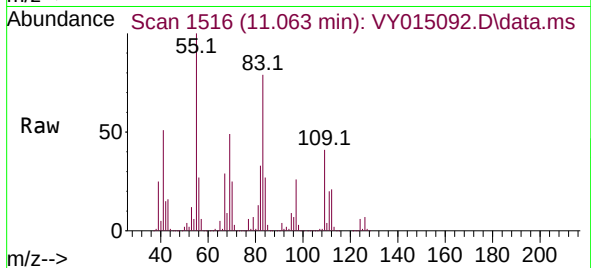




#61
1,2-Dibromoethane
Concen: 8.137 ug/l
RT: 11.063 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

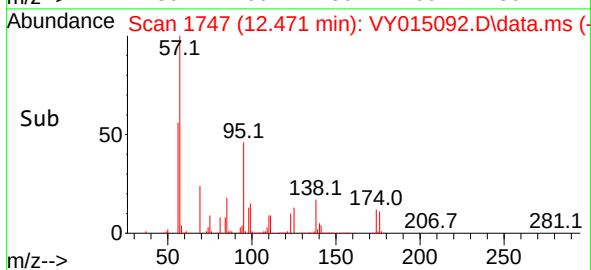
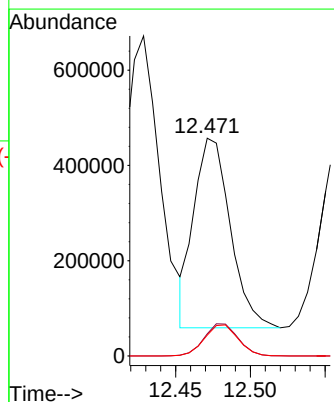
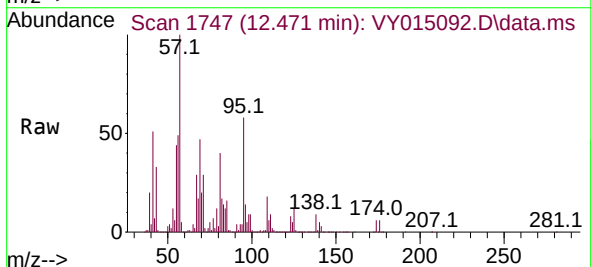
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

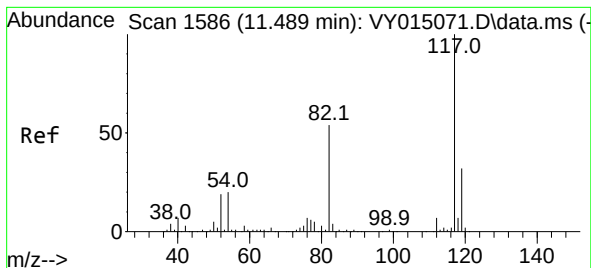
Tgt Ion:107 Resp: 11197
Ion Ratio Lower Upper
107 100
109 3383.2 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 309.486 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.006 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 95 Resp: 673916
Ion Ratio Lower Upper
95 100
174 15.9 0.0 178.2
176 15.2 0.0 173.8

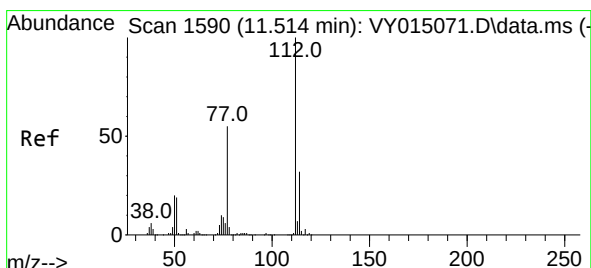
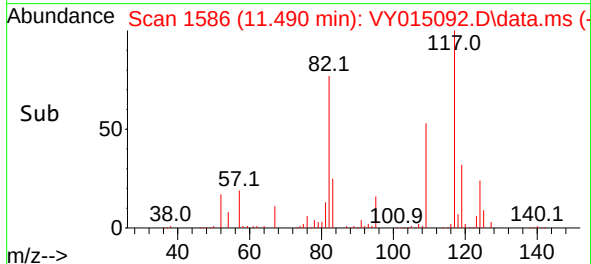
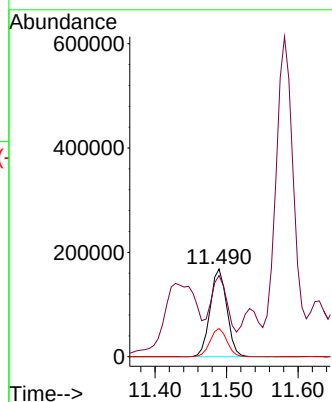
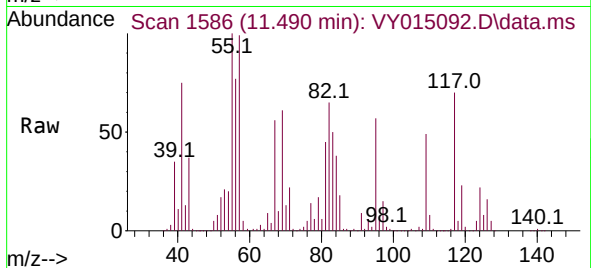




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

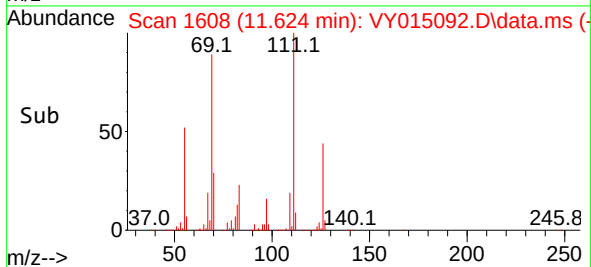
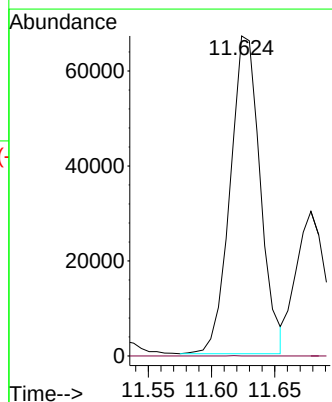
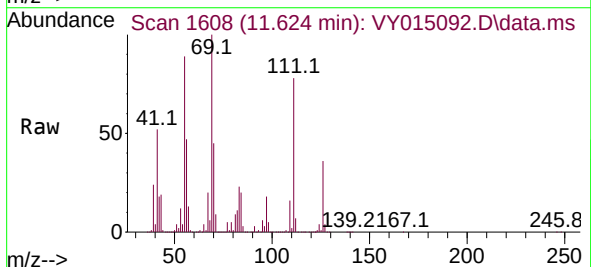
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

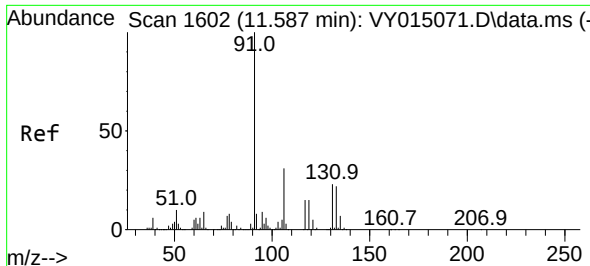
Tgt Ion:117 Resp: 272752
Ion Ratio Lower Upper
117 100
82 11.0 43.4 65.0#
119 32.1 26.3 39.5



#65
Chlorobenzene
Concen: 22.249 ug/l
RT: 11.624 min Scan# 1608
Delta R.T. 0.110 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion:112 Resp: 110570
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#

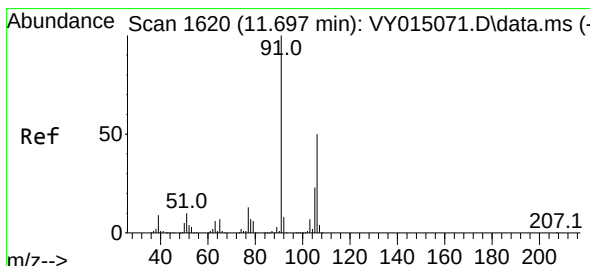
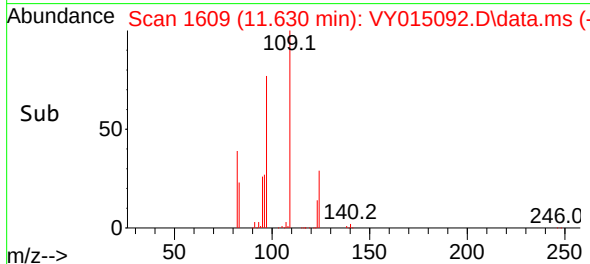
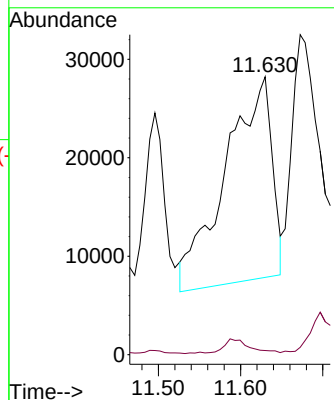
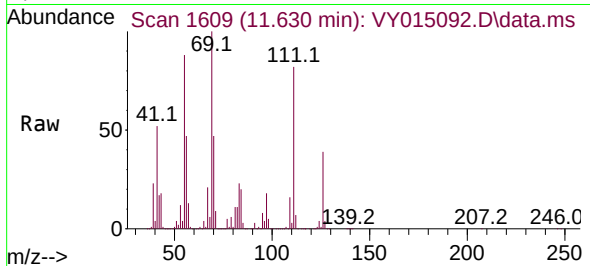




#67
Ethyl Benzene
Concen: 9.312 ug/l
RT: 11.630 min Scan# 1609
Delta R.T. 0.043 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

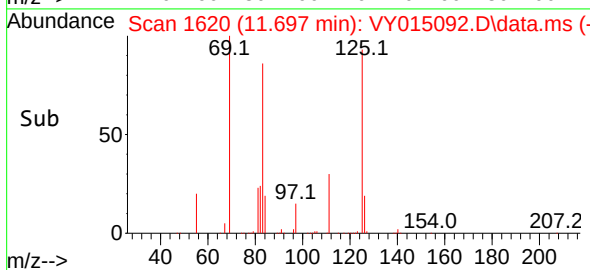
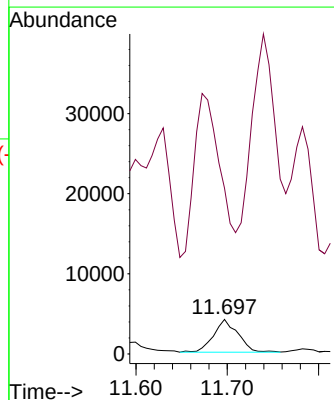
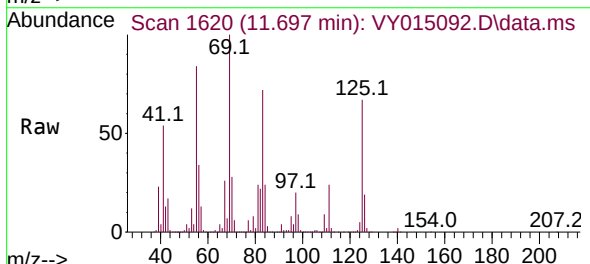
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

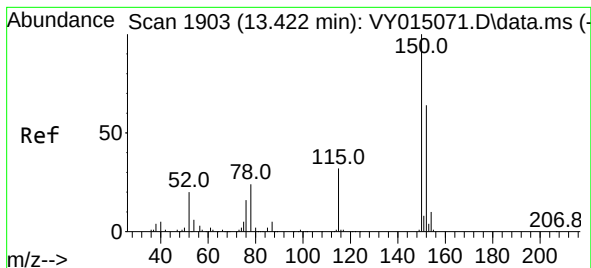
Tgt Ion: 91 Resp: 81077
Ion Ratio Lower Upper
91 100
106 1.5 24.6 36.8#



#68
m/p-Xylenes
Concen: 2.317 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion:106 Resp: 7661
Ion Ratio Lower Upper
106 100
91 0.0 166.1 249.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

MW-01

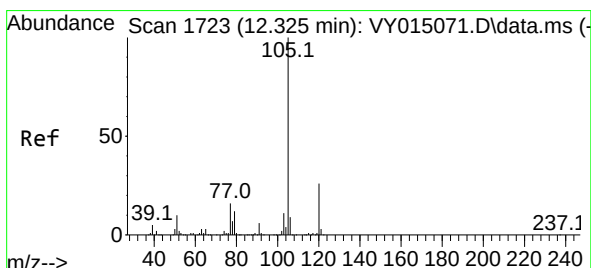
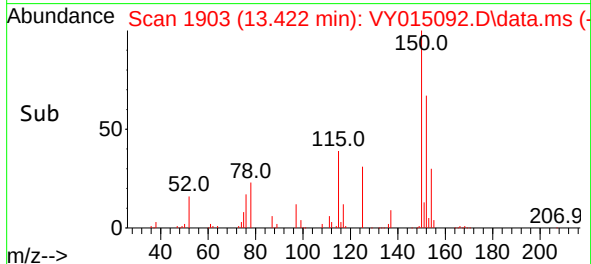
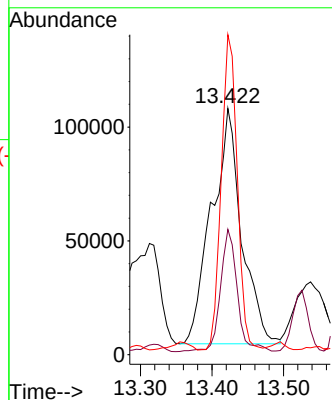
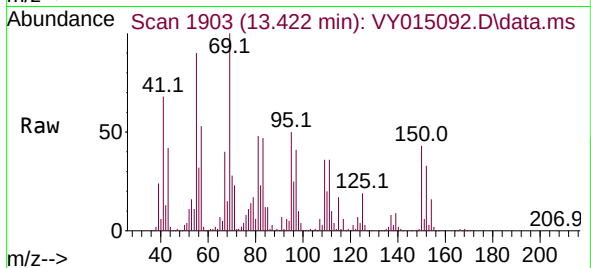
Tgt Ion:152 Resp: 301679

Ion Ratio Lower Upper

152 100

115 29.2 28.8 86.5

150 71.4 0.0 348.8



#73

Isopropylbenzene

Concen: 12.177 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015092.D

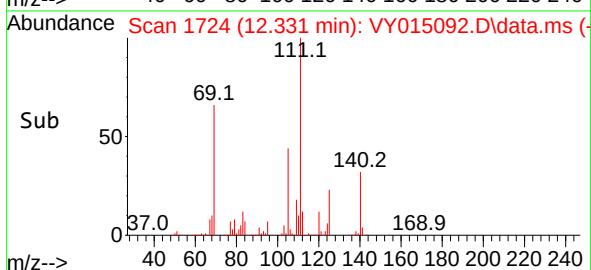
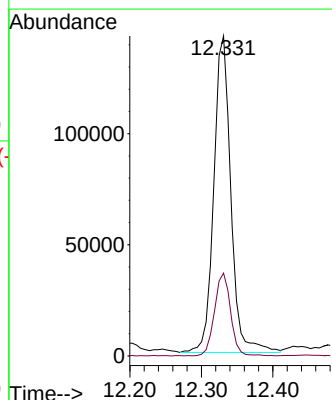
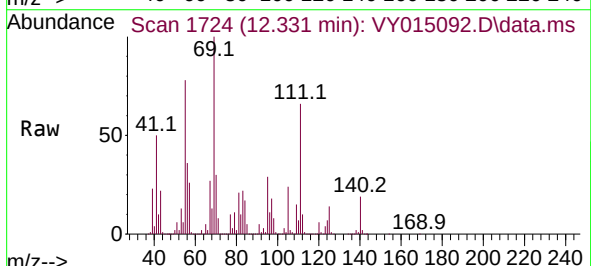
Acq: 14 Aug 2023 20:20

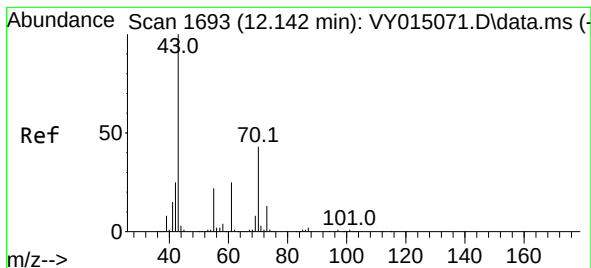
Tgt Ion:105 Resp: 236217

Ion Ratio Lower Upper

105 100

120 24.6 13.3 39.9

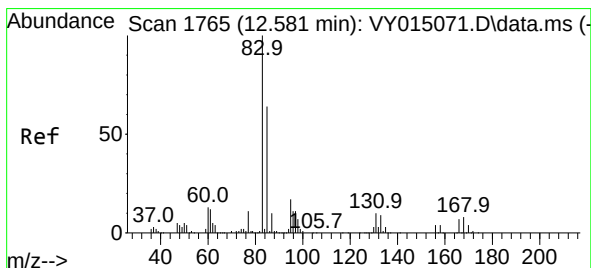
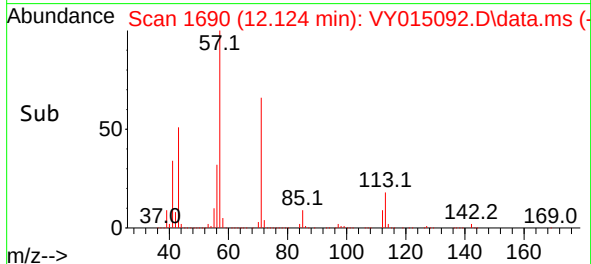
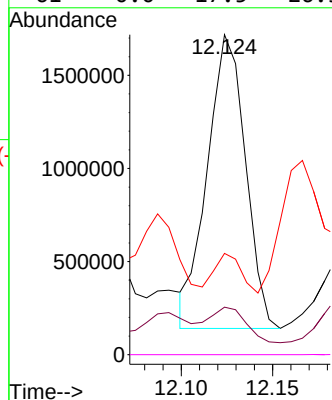
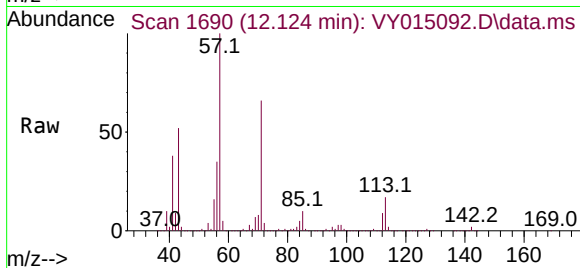




#74
N-amy1 acetate
Concen: 326.658 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

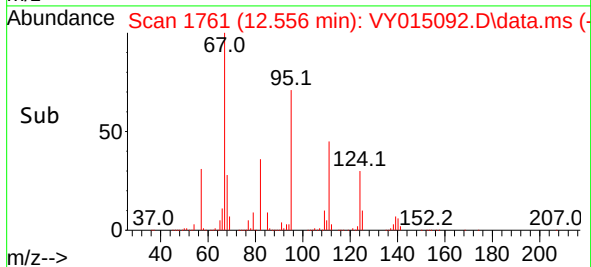
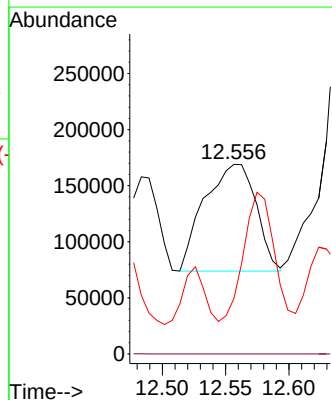
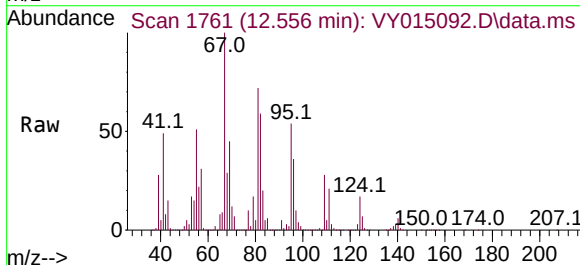
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

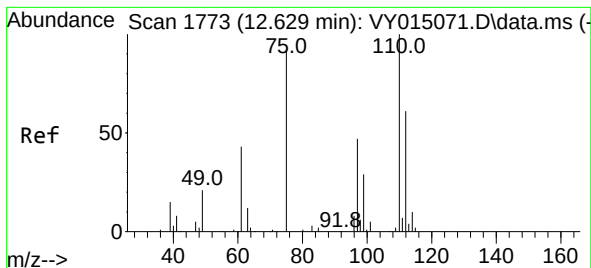
Tgt Ion: 43 Resp: 2287908
Ion Ratio Lower Upper
43 100
70 12.2 29.7 44.5#
55 9.1 18.3 27.5#
61 0.0 17.5 26.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 53.477 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.024 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 83 Resp: 270183
Ion Ratio Lower Upper
83 100
131 0.0 5.4 16.2#
85 69.9 31.8 95.4





#76

1,2,3-Trichloropropane

Concen: 1.125 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.037 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

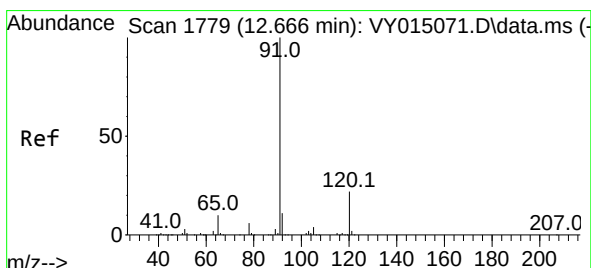
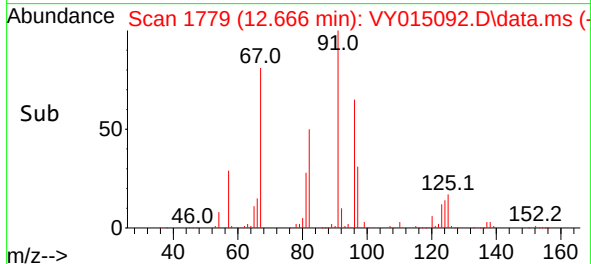
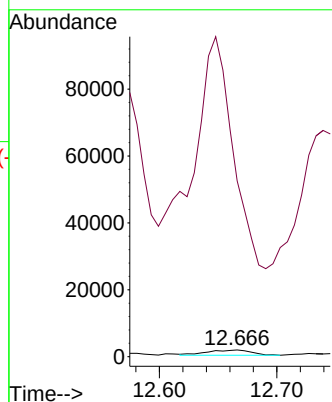
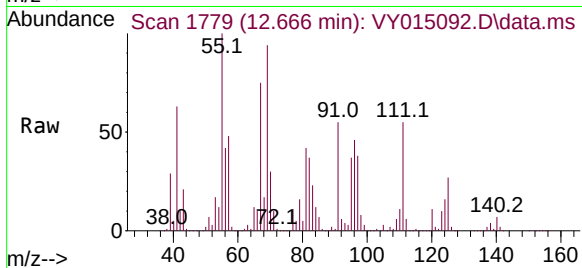
MW-01

Tgt Ion: 75 Resp: 4122

Ion Ratio Lower Upper

75 100

77 3924.8 0.0 0.0#



#78

n-propylbenzene

Concen: 18.586 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015092.D

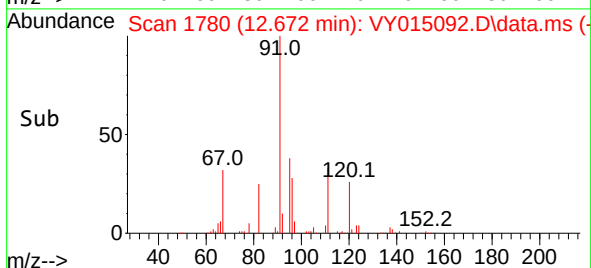
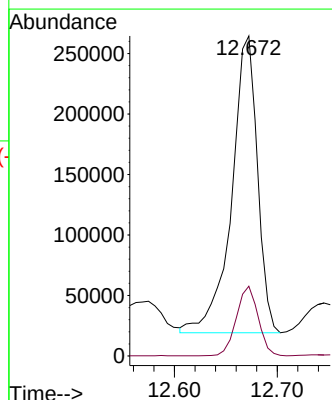
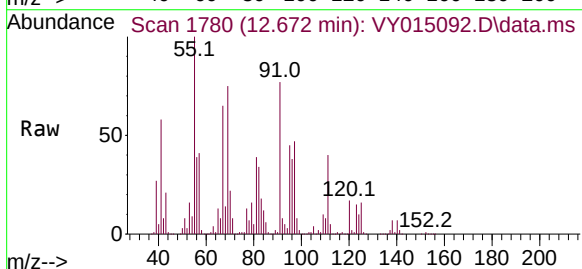
Acq: 14 Aug 2023 20:20

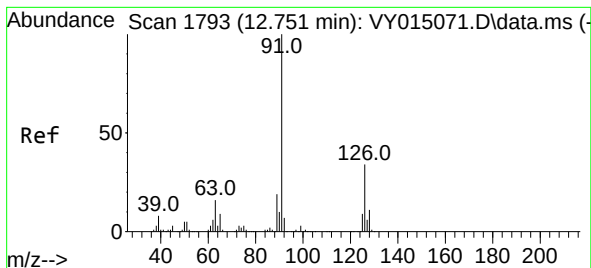
Tgt Ion: 91 Resp: 428147

Ion Ratio Lower Upper

91 100

120 19.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 6.449 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.061 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

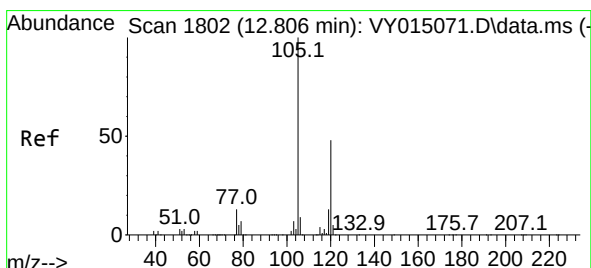
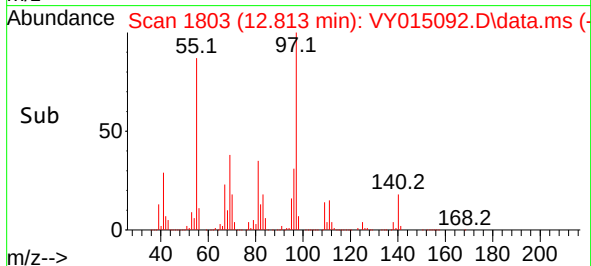
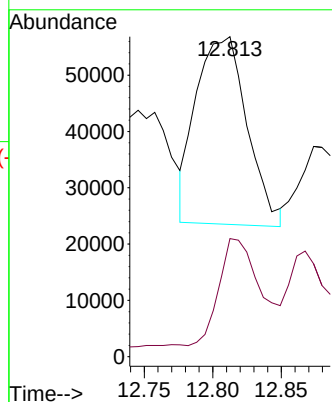
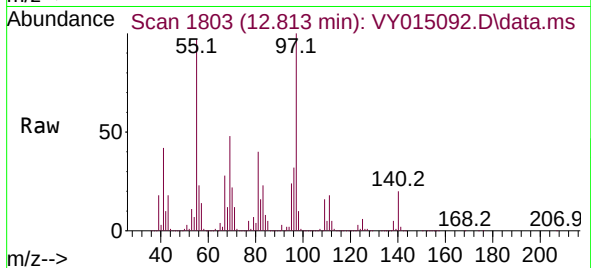
MW-01

Tgt Ion: 91 Resp: 85701

Ion Ratio Lower Upper

91 100

126 48.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 3.594 ug/l

RT: 12.971 min Scan# 1829

Delta R.T. 0.159 min

Lab File: VY015092.D

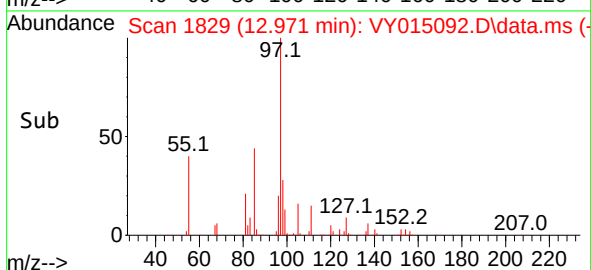
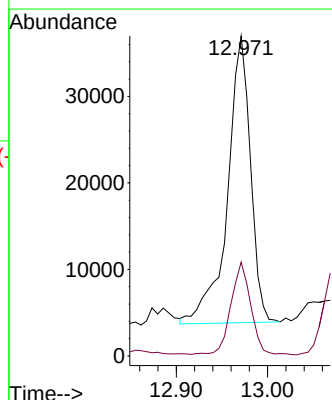
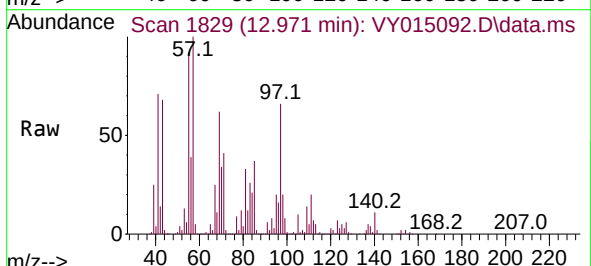
Acq: 14 Aug 2023 20:20

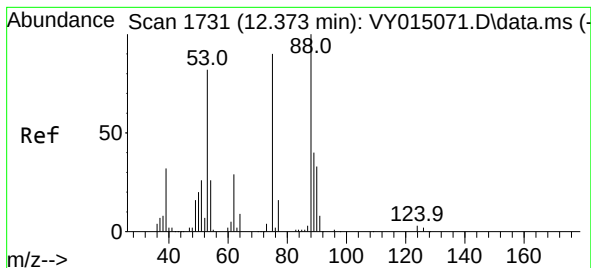
Tgt Ion: 105 Resp: 58124

Ion Ratio Lower Upper

105 100

120 27.9 23.9 71.7

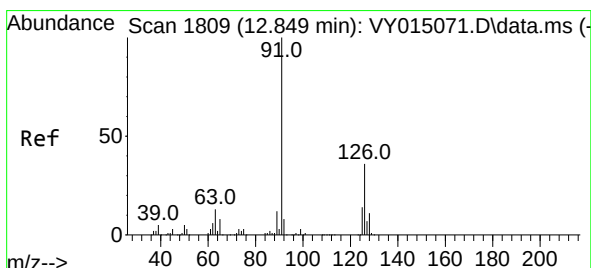
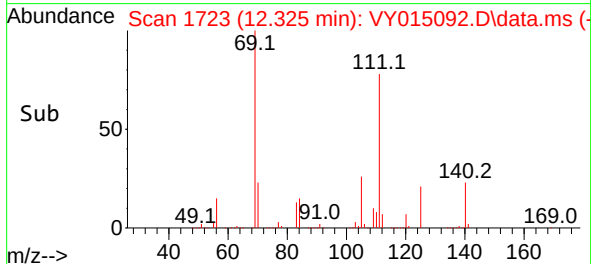
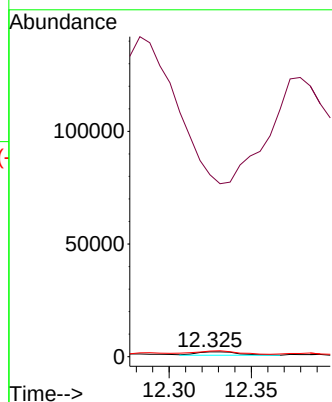
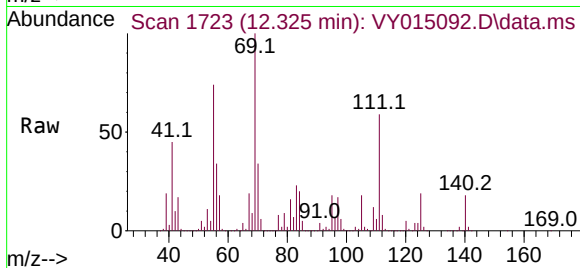




#81
trans-1,4-Dichloro-2-butene
Concen: 1.644 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.049 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

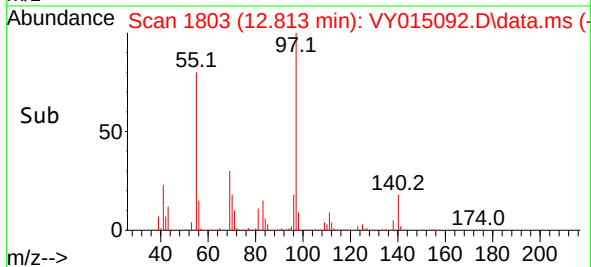
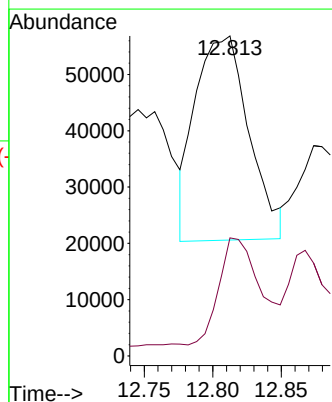
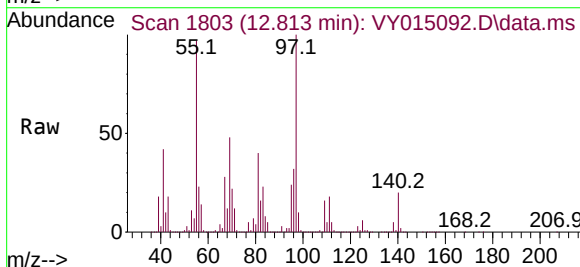
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

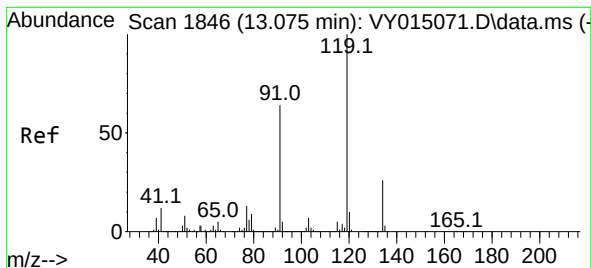
Tgt Ion: 75 Resp: 2744
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 155.2 37.4 56.0#



#82
4-Chlorotoluene
Concen: 7.168 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.042 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 91 Resp: 98414
Ion Ratio Lower Upper
91 100
126 42.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 10.745 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

MW-01

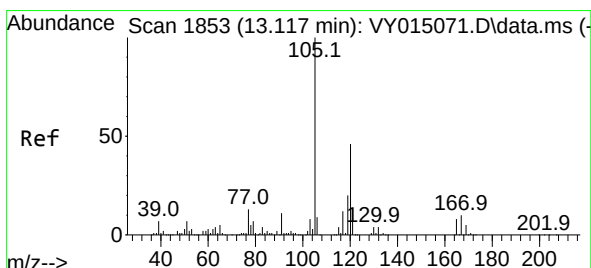
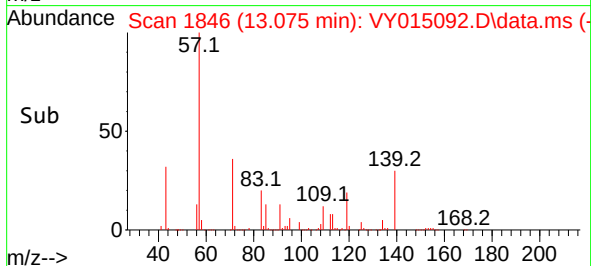
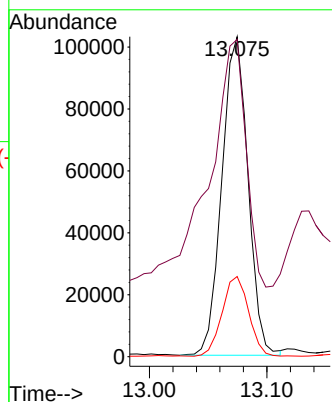
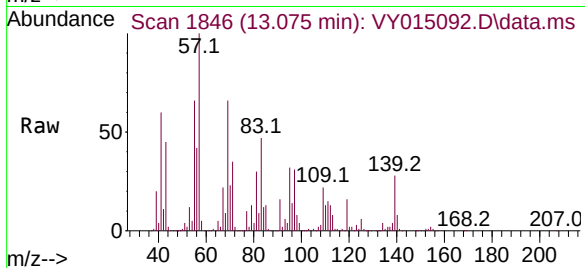
Tgt Ion:119 Resp: 158923

Ion Ratio Lower Upper

119 100

91 116.9 32.9 98.6#

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 123.734 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.134 min

Lab File: VY015092.D

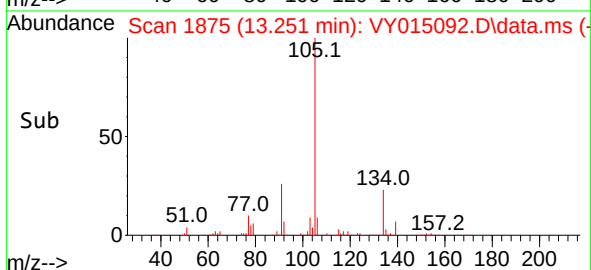
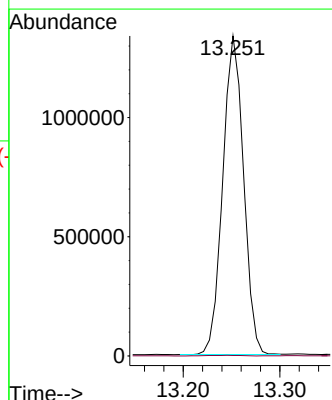
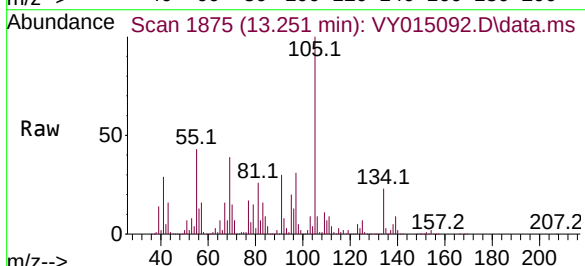
Acq: 14 Aug 2023 20:20

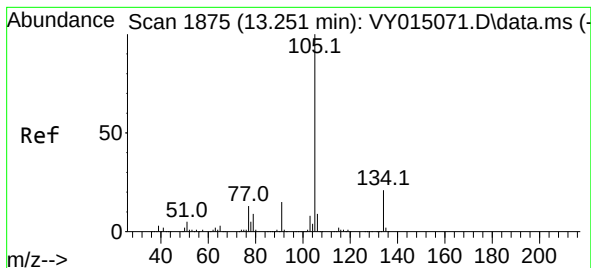
Tgt Ion:105 Resp: 1999341

Ion Ratio Lower Upper

105 100

120 0.3 22.2 66.6#





#85

sec-Butylbenzene

Concen: 92.258 ug/l

RT: 13.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

Instrument :

MSVOA_Y

ClientSampleId :

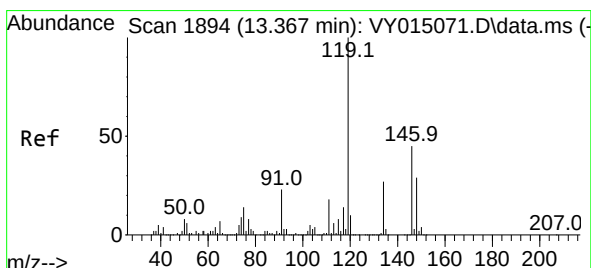
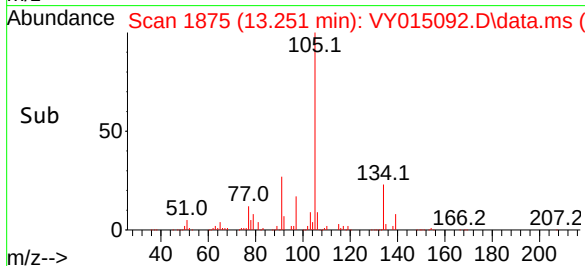
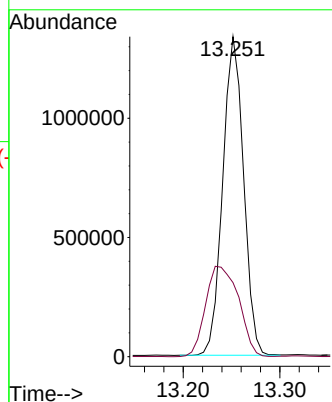
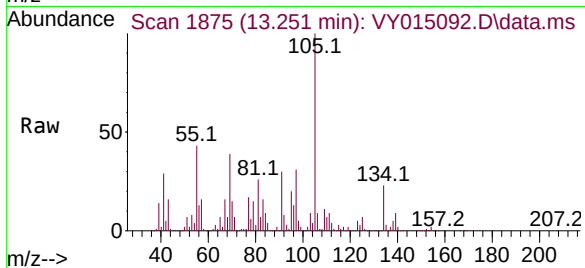
MW-01

Tgt Ion:105 Resp: 1999341

Ion Ratio Lower Upper

105 100

134 44.9 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 26.337 ug/l

RT: 13.526 min Scan# 1920

Delta R.T. 0.159 min

Lab File: VY015092.D

Acq: 14 Aug 2023 20:20

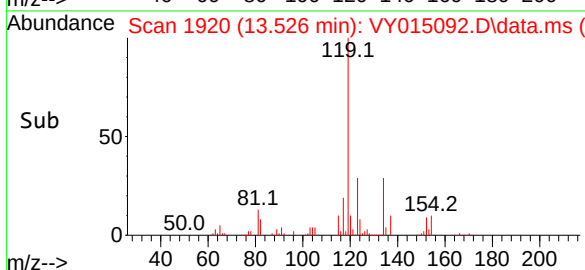
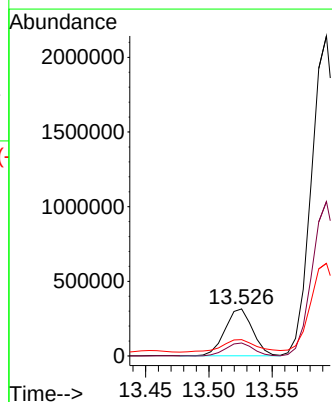
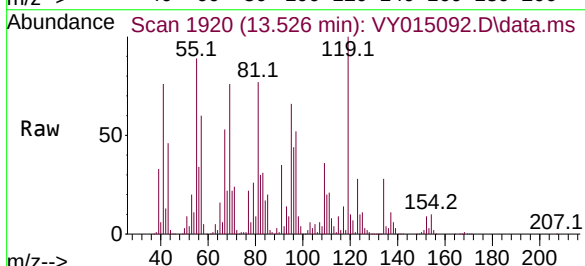
Tgt Ion:119 Resp: 473215

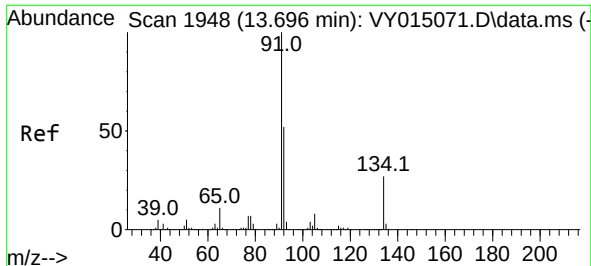
Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.8

91 33.3 12.4 37.4

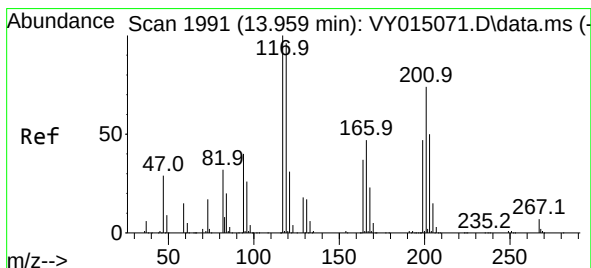
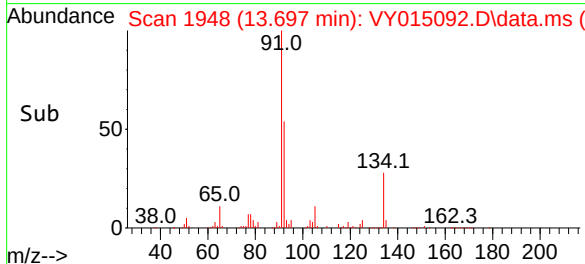
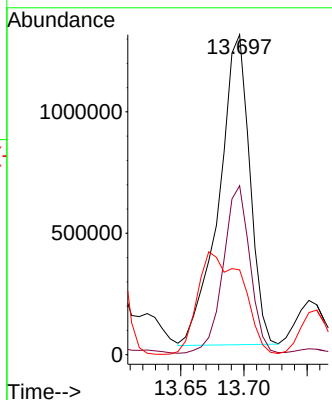
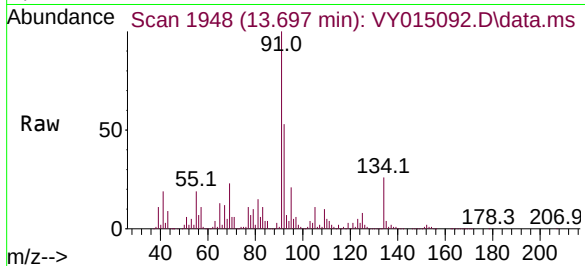




#89
n-Butylbenzene
Concen: 127.627 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

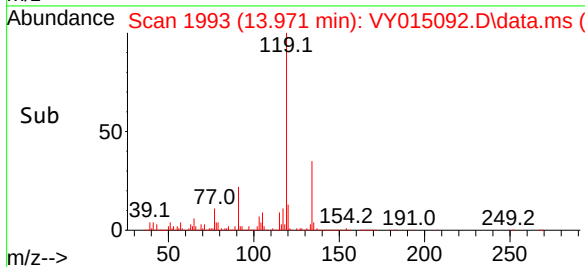
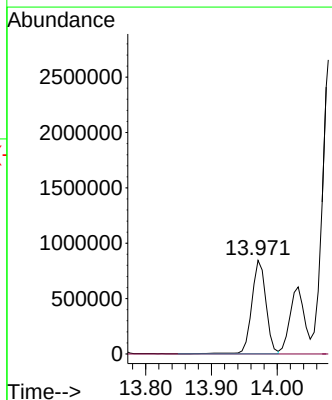
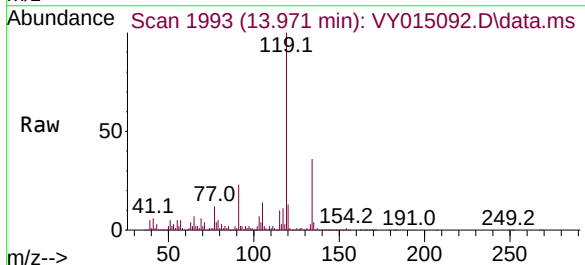
Instrument :
MSVOA_Y
ClientSampleId :
MW-01

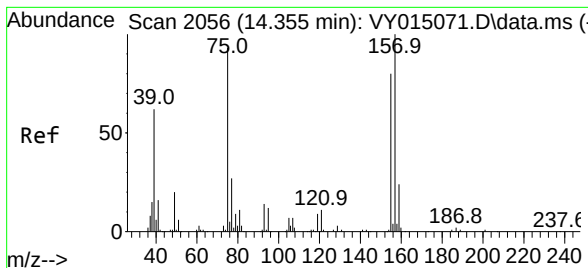
Tgt Ion: 91 Resp: 2162121
Ion Ratio Lower Upper
91 100
92 46.7 25.4 76.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 352.227 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 117 Resp: 1255499
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

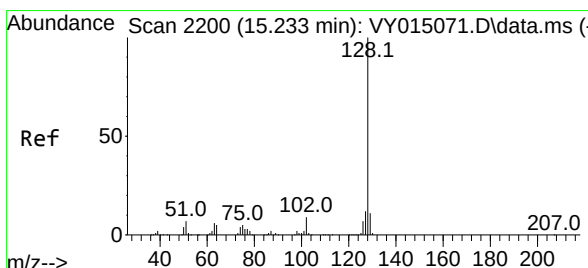
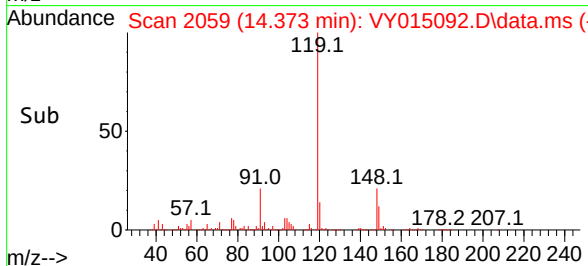
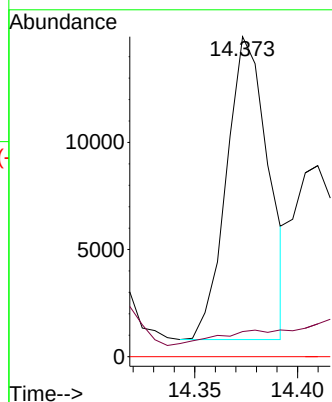
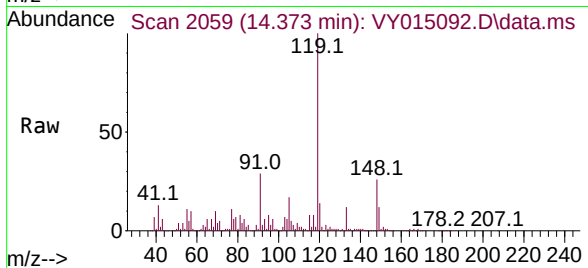




#92
1,2-Dibromo-3-Chloropropane
Concen: 20.509 ug/l
RT: 14.373 min Scan# 2056
Delta R.T. 0.018 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Instrument :
MSVOA_Y
ClientSampleId :
MW-01

Tgt Ion: 75 Resp: 20073
Ion Ratio Lower Upper
75 100
155 6.5 41.5 124.6#
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 10.901 ug/l
RT: 15.202 min Scan# 2195
Delta R.T. -0.030 min
Lab File: VY015092.D
Acq: 14 Aug 2023 20:20

Tgt Ion: 128 Resp: 152749
Ion Ratio Lower Upper
128 100
127 39.8 10.8 16.2#
129 66.6 8.6 13.0#

