

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022738.D
 Acq On : 18 Jun 2025 15:18
 Operator : SY/MD
 Sample : Q2358-01
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-06182025

Quant Time: Jun 19 04:01:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	2684	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	4609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	2544	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	380	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	1222	40.707	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.420%
35) Dibromofluoromethane	7.634	113	536	19.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.960%#
50) Toluene-d8	10.103	98	4724	42.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.000%
62) 4-Bromofluorobenzene	12.402	95	702	21.196	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.400%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.086	85	28	1.165	ug/l #	41
3) Chloromethane	2.074	50	550	7.748	ug/l #	77
5) Bromomethane	2.617	94	322	4.079	ug/l #	60
8) Diethyl Ether	3.598	74	44	2.795	ug/l #	4
13) Acrolein	3.452	56	19	7.111	ug/l #	14
15) Acrylonitrile	4.994	53	27	4.049	ug/l #	17
16) Acetone	3.885	43	21	3.445	ug/l #	45
18) Methyl Acetate	4.379	43	22	1.219	ug/l #	51
20) Methylene Chloride	4.616	84	50	1.444	ug/l #	65
25) 2-Butanone	6.848	43	31	3.525	ug/l #	46
27) cis-1,2-Dichloroethene	6.750	96	56	1.538	ug/l #	1
29) Tetrahydrofuran	7.226	42	21	3.703	ug/l #	31
36) 1,1-Dichloropropene	7.701	75	195	4.367	ug/l #	42
37) Ethyl Acetate	7.018	43	38	1.908	ug/l #	69
38) Carbon Tetrachloride	7.701	117	151	3.297	ug/l #	13
41) Methacrylonitrile	7.232	41	20	1.720	ug/l #	1
45) 1,2-Dichloropropane	9.042	63	34	1.091	ug/l #	45
48) Methyl methacrylate	9.250	41	112	5.549	ug/l #	24
49) 1,4-Dioxane	9.207	88	27	129.980	ug/l #	24
57) 1,3-Dichloropropane	10.743	76	79	1.994	ug/l #	42
59) 2-Hexanone	10.804	43	42	2.929	ug/l #	24
64) Tetrachloroethene	10.914	164	23	1.051	ug/l #	1
74) N-amyl acetate	12.072	43	39	4.954	ug/l #	43
76) 1,2,3-Trichloropropane	12.585	75	58	13.341	ug/l #	100
77) Bromobenzene	12.542	156	257	39.037	ug/l #	1
79) 2-Chlorotoluene	12.591	91	22	1.089	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.731	105	249	10.166	ug/l	74
81) trans-1,4-Dichloro-2-b...	12.225	75	56	31.108	ug/l #	10
82) 4-Chlorotoluene	12.591	91	22	1.056	ug/l #	41
83) tert-Butylbenzene	13.237	119	46	2.093	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.036	105	499	20.370	ug/l	82
85) sec-Butylbenzene	13.170	105	51	1.515	ug/l #	57
86) p-Isopropyltoluene	13.292	119	99	3.567	ug/l #	51
89) n-Butylbenzene	13.615	91	34	1.291	ug/l #	34
90) Hexachloroethane	13.999	117	26	4.812	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.231	75	25	33.535	ug/l #	2

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Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

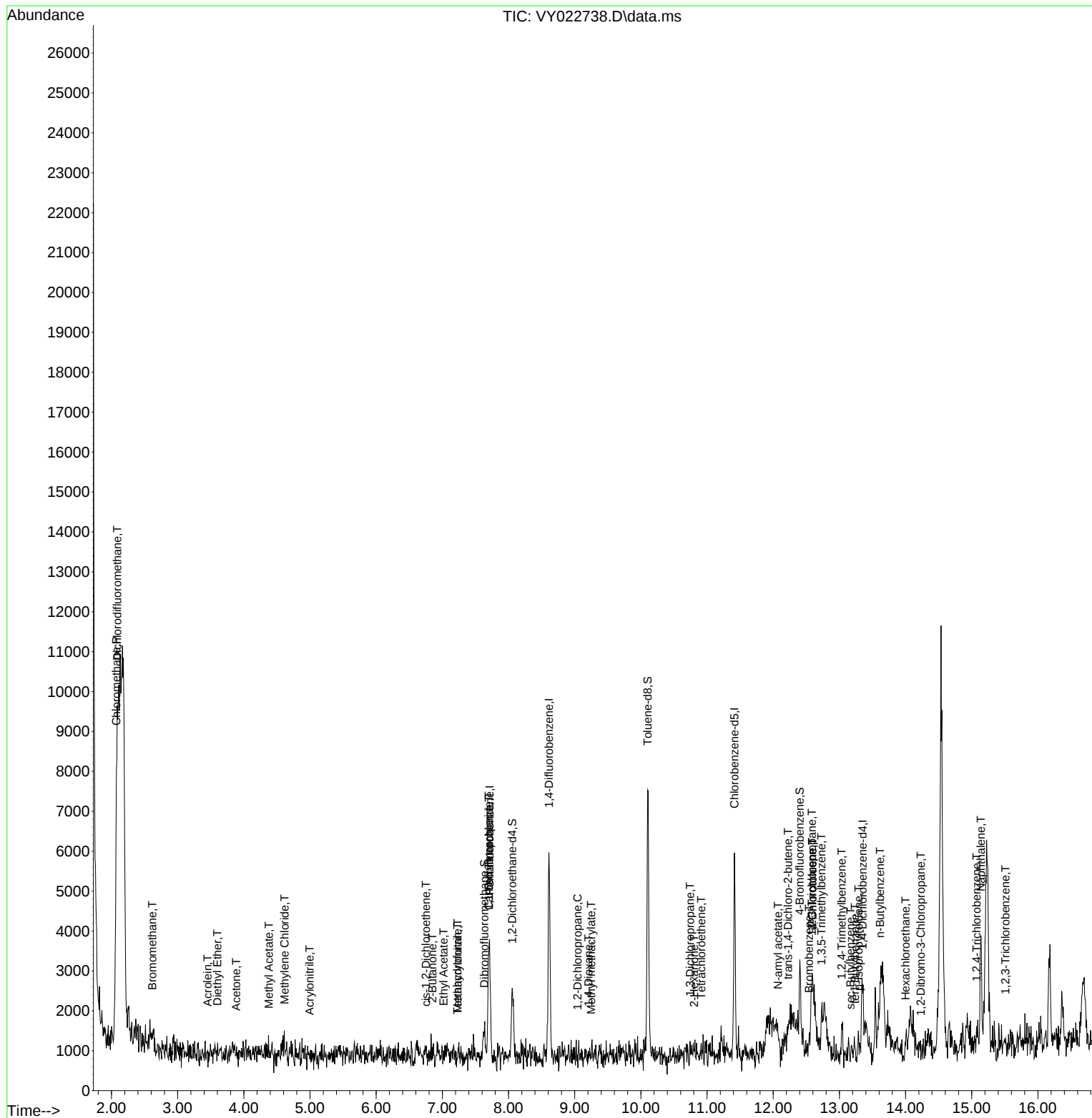
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.072	180	63	10.200	ug/l #	12
95) Naphthalene	15.139	128	2324	196.068	ug/l	97
96) 1,2,3-Trichlorobenzene	15.511	180	47	8.879	ug/l #	13

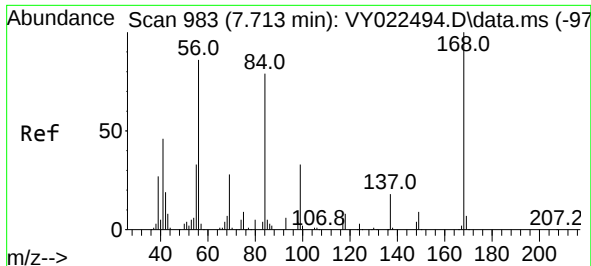
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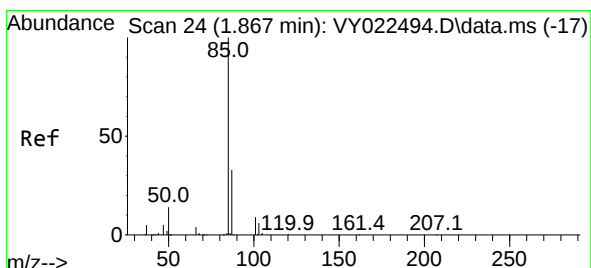
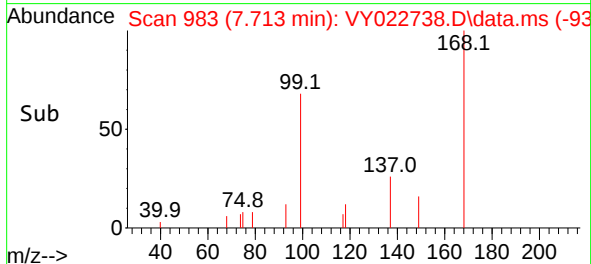
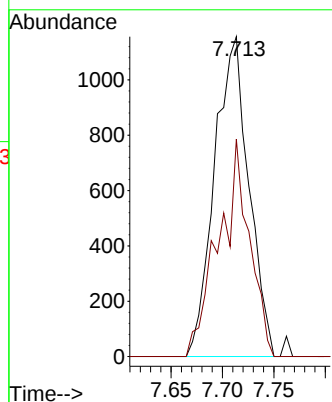
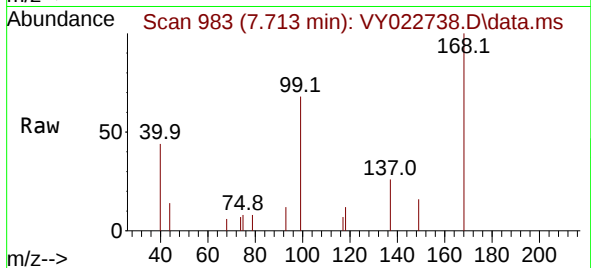




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

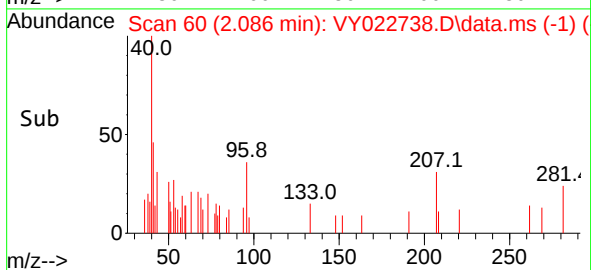
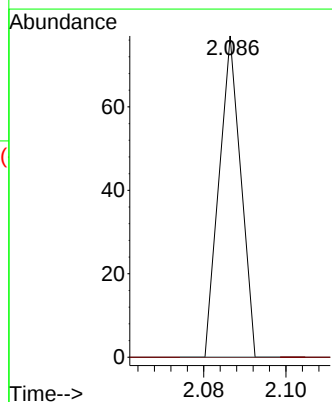
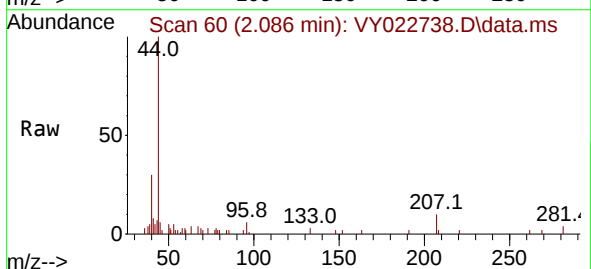
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

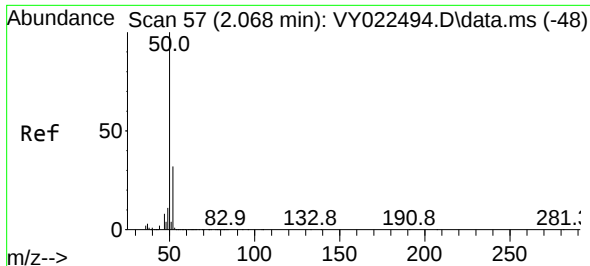
Tgt Ion:168 Resp: 2684
Ion Ratio Lower Upper
168 100
99 68.0 44.3 66.5#



#2
Dichlorodifluoromethane
Concen: 1.165 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.219 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 85 Resp: 28
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.0#

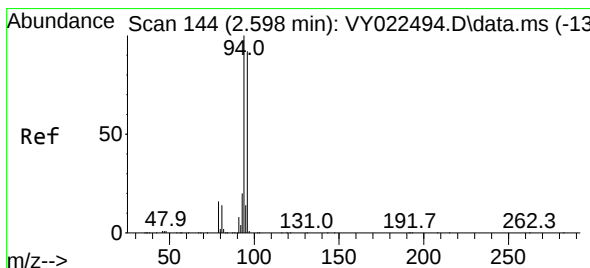
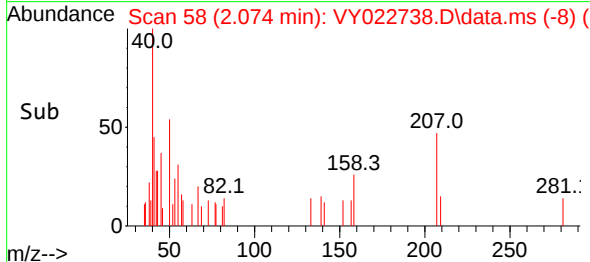
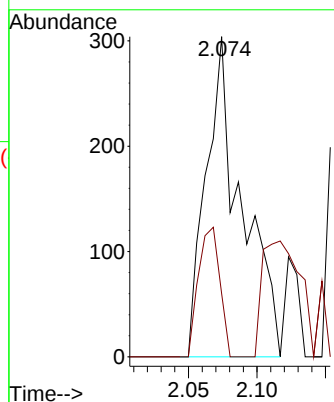
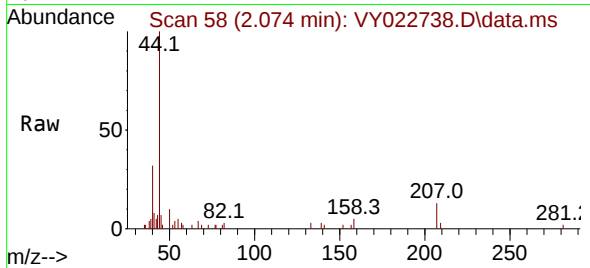




#3
Chloromethane
Concen: 7.748 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

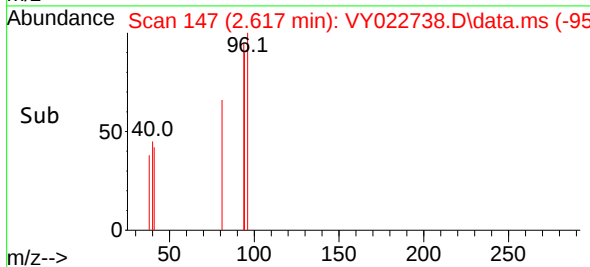
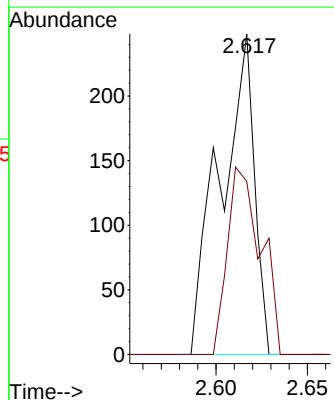
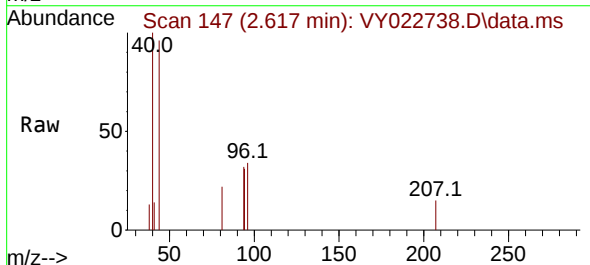
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

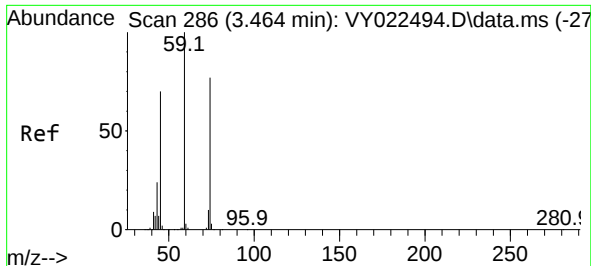
Tgt Ion: 50 Resp: 550
Ion Ratio Lower Upper
50 100
52 19.7 26.0 39.0#



#5
Bromomethane
Concen: 4.079 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.018 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 94 Resp: 322
Ion Ratio Lower Upper
94 100
96 54.0 74.0 111.0#

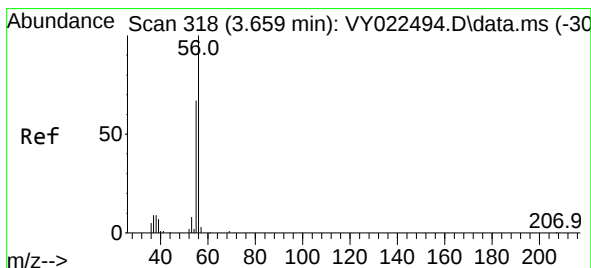
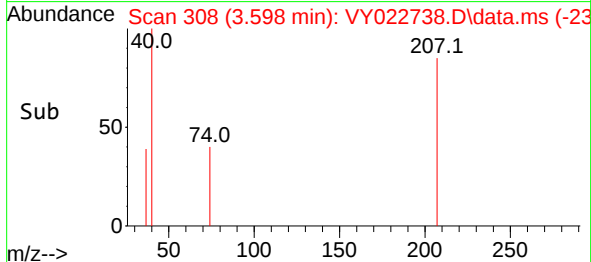
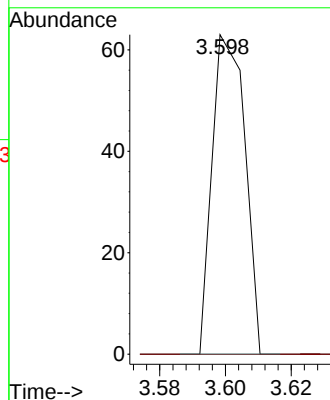
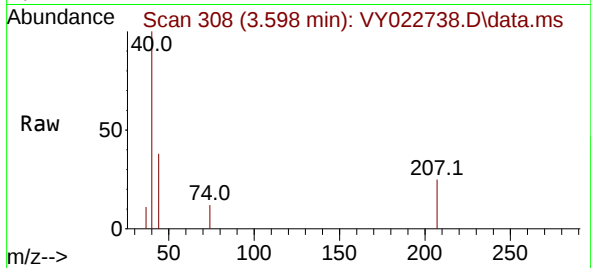




#8
Diethyl Ether
Concen: 2.795 ug/l
RT: 3.598 min Scan# 308
Delta R.T. 0.134 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

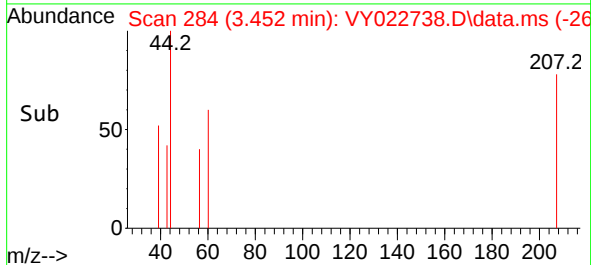
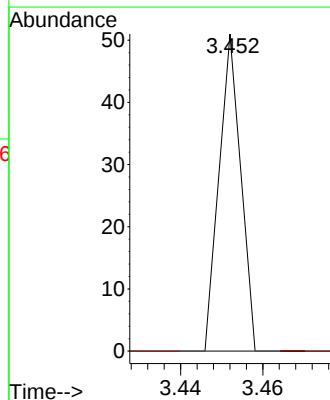
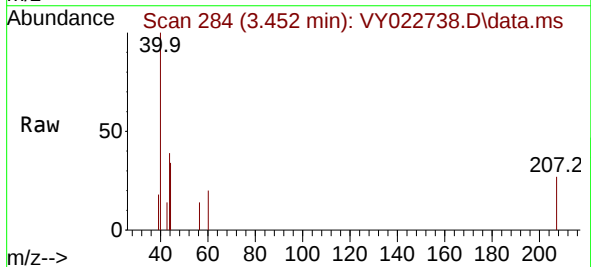
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

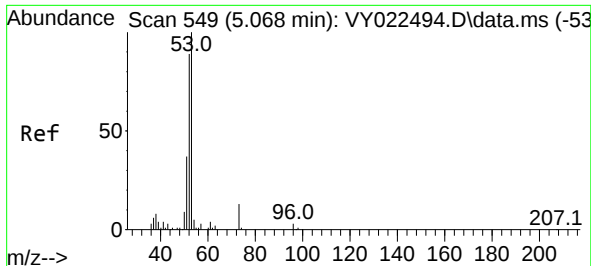
Tgt Ion: 74 Resp: 44
Ion Ratio Lower Upper
74 100
45 0.0 45.9 137.6#



#13
Acrolein
Concen: 7.111 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.207 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

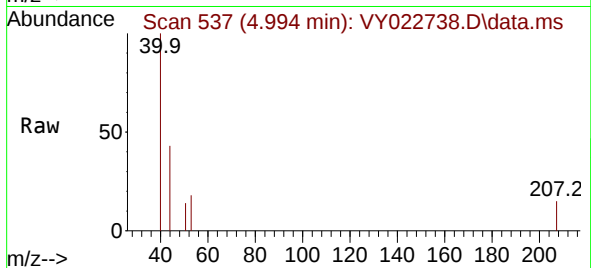
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#



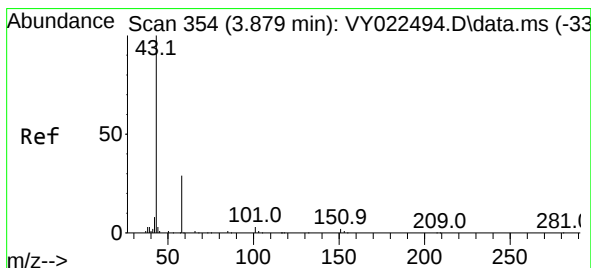
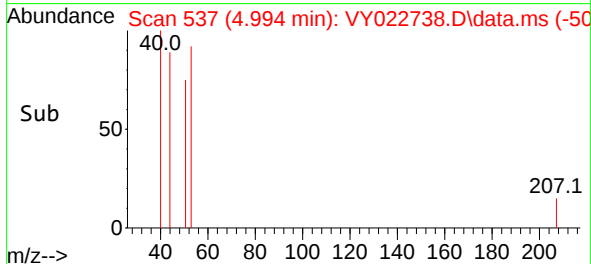
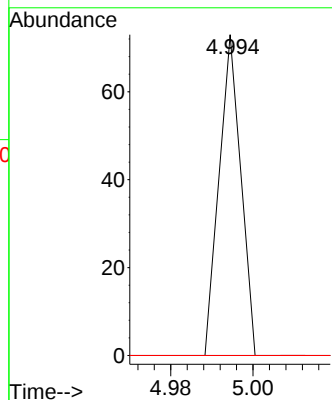


#15
Acrylonitrile
Concen: 4.049 ug/l
RT: 4.994 min Scan# 51
Delta R.T. -0.073 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

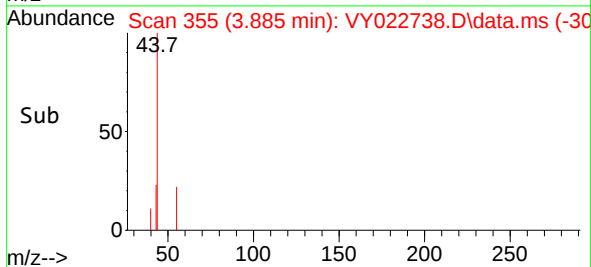
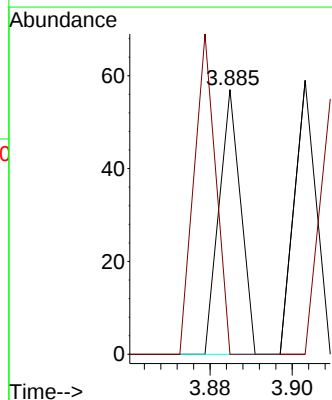
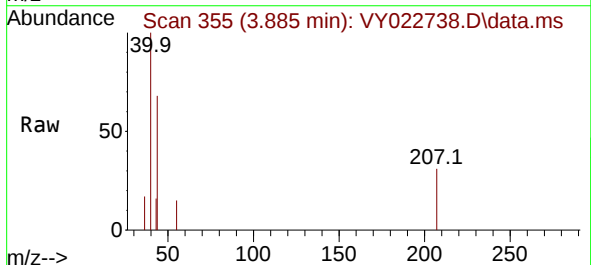


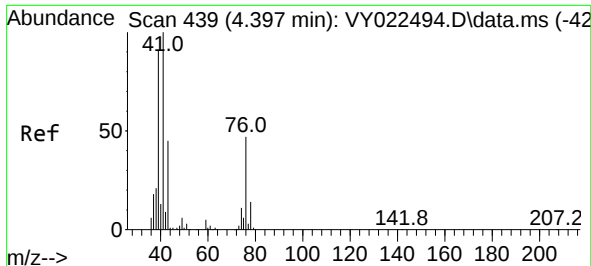
Tgt Ion: 53 Resp: 27
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 30.1 45.1#



#16
Acetone
Concen: 3.445 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

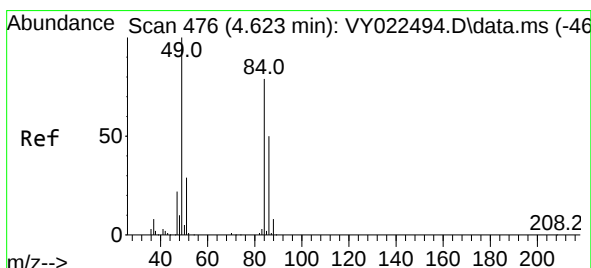
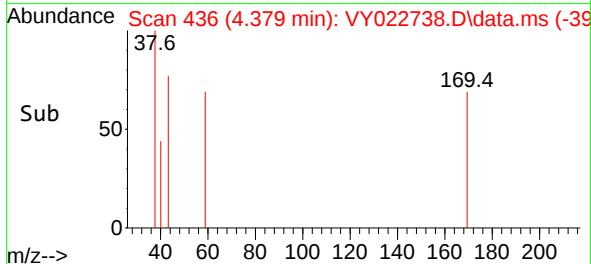
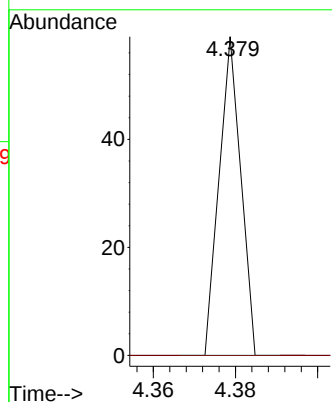
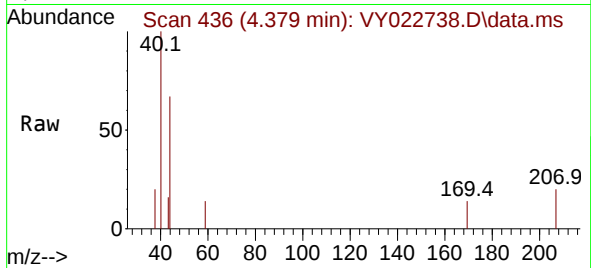




#18
Methyl Acetate
Concen: 1.219 ug/l
RT: 4.379 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

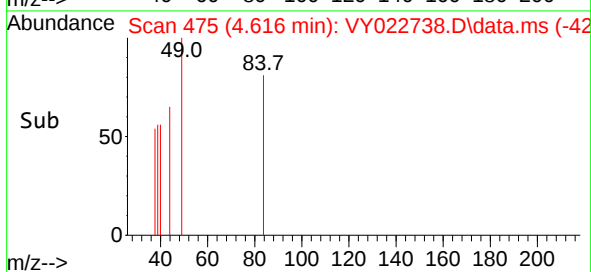
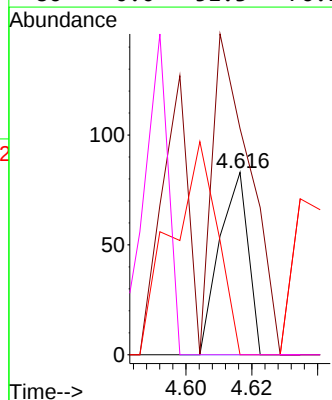
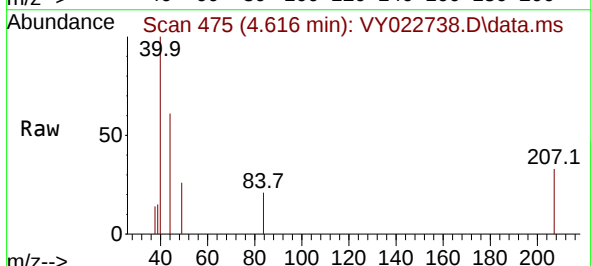
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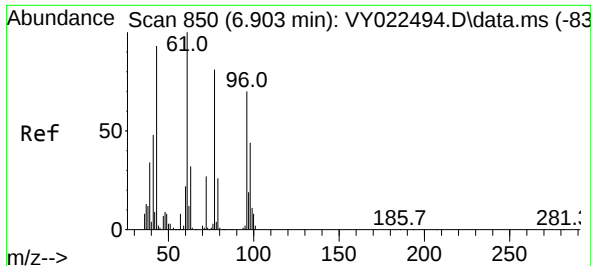
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#20
Methylene Chloride
Concen: 1.444 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 84 Resp: 50
Ion Ratio Lower Upper
84 100
49 124.1 101.9 152.9
51 0.0 29.8 44.8#
86 0.0 51.3 76.9#

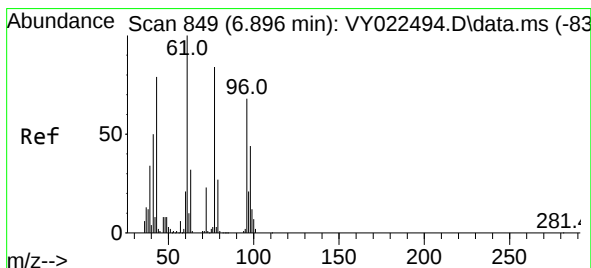
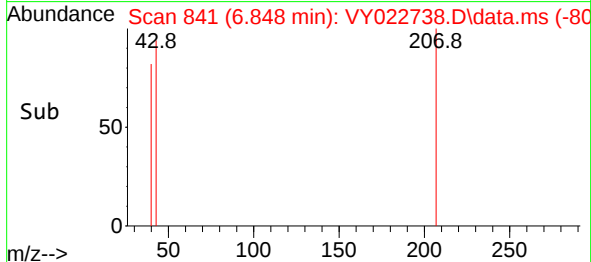
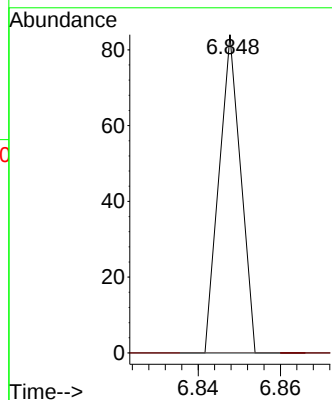
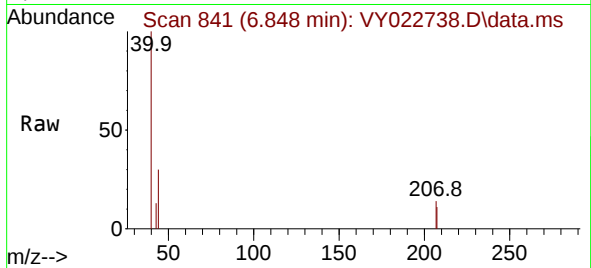




#25
2-Butanone
Concen: 3.525 ug/l
RT: 6.848 min Scan# 841
Delta R.T. -0.055 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

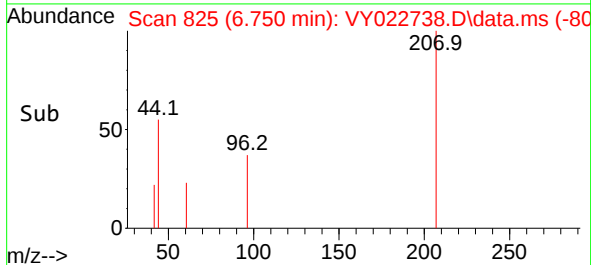
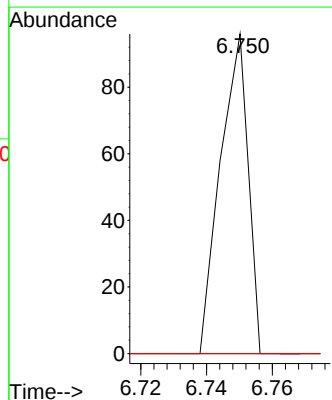
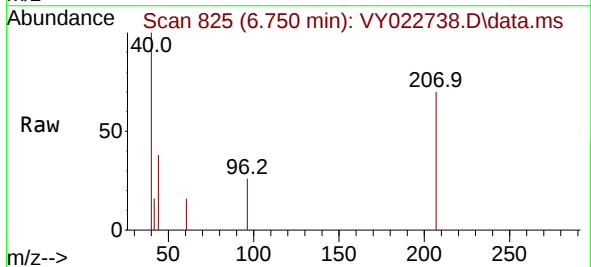
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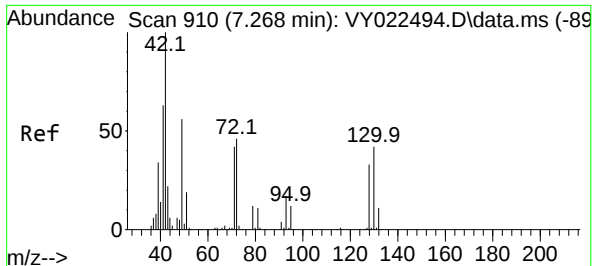
Tgt Ion: 43 Resp: 31
Ion Ratio Lower Upper
43 100
72 0.0 22.9 34.3#



#27
cis-1,2-Dichloroethene
Concen: 1.538 ug/l
RT: 6.750 min Scan# 825
Delta R.T. -0.146 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 96 Resp: 56
Ion Ratio Lower Upper
96 100
61 0.0 0.0 290.0
98 0.0 0.0 128.4





#29

Tetrahydrofuran

Concen: 3.703 ug/l

RT: 7.226 min Scan# 90

Delta R.T. -0.043 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-06182025

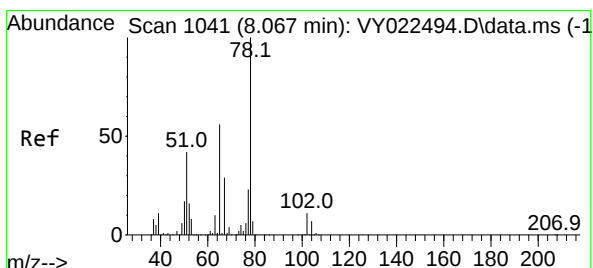
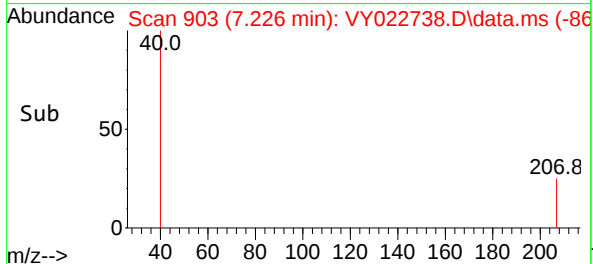
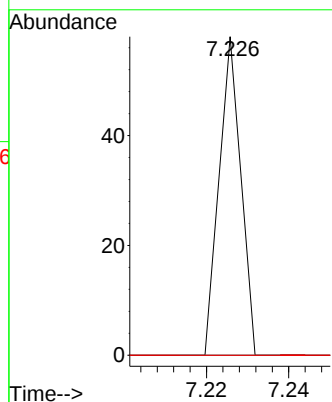
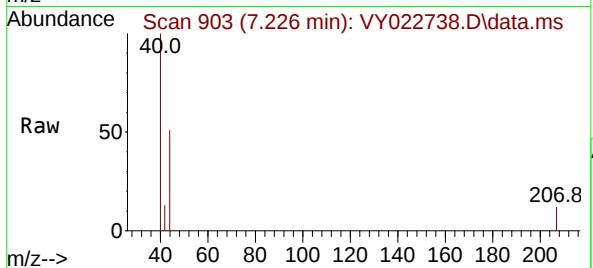
Tgt Ion: 42 Resp: 21

Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.2#

71 0.0 34.2 51.2#



#33

1,2-Dichloroethane-d4

Concen: 40.707 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY022738.D

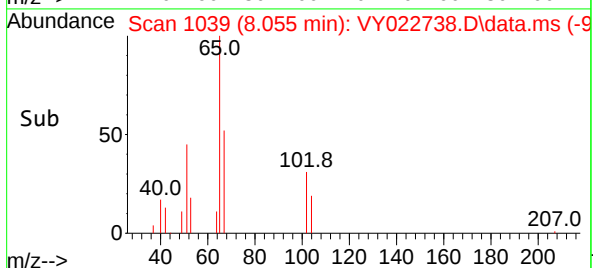
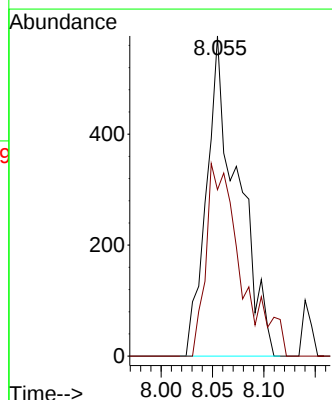
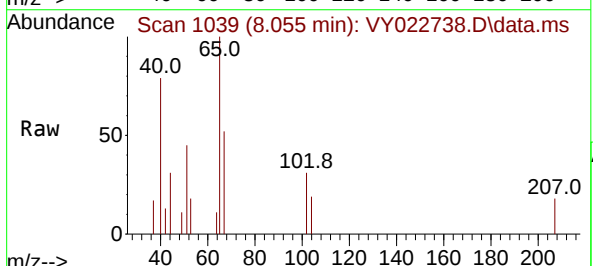
Acq: 18 Jun 2025 15:18

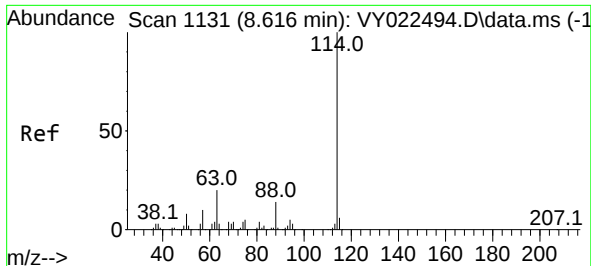
Tgt Ion: 65 Resp: 1222

Ion Ratio Lower Upper

65 100

67 67.3 0.0 103.4

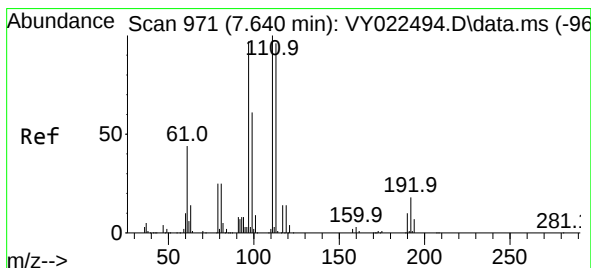
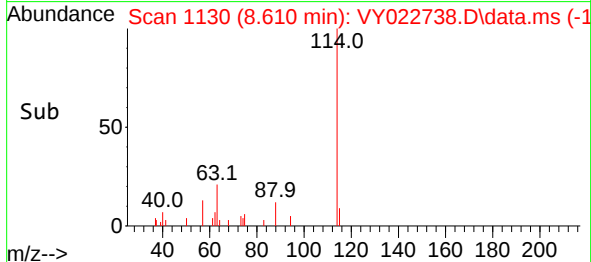
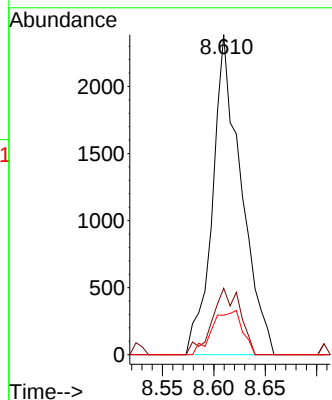
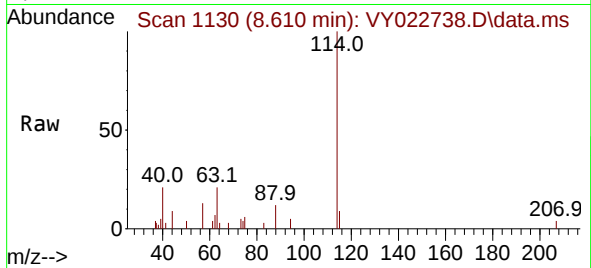




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

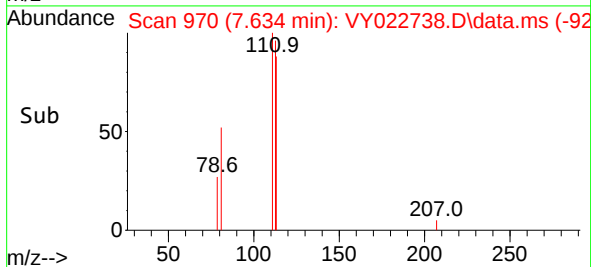
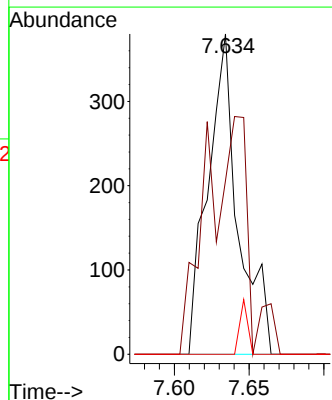
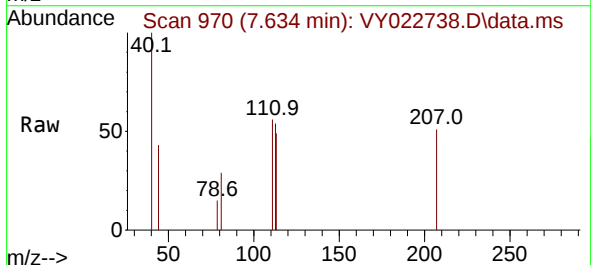
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

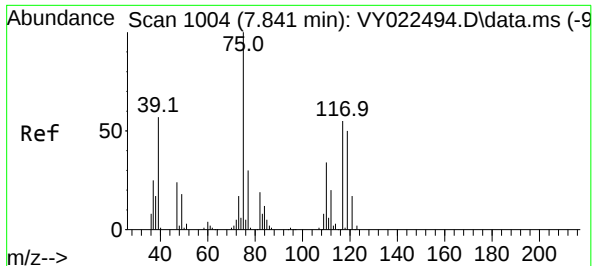
Tgt Ion:	114	Resp:	4609
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	40.8
88	12.3	0.0	27.8



#35
Dibromofluoromethane
Concen: 19.484 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion:	113	Resp:	536
Ion Ratio	Lower	Upper	
113	100		
111	60.4	81.1	121.7#
192	4.5	14.2	21.2#





#36

1,1-Dichloropropene

Concen: 4.367 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-06182025

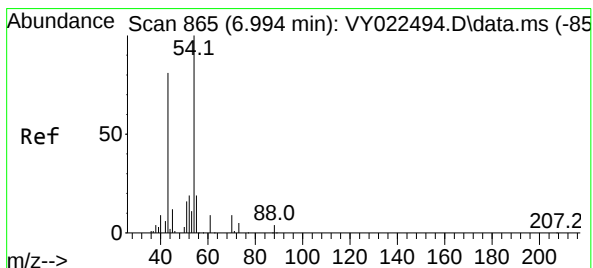
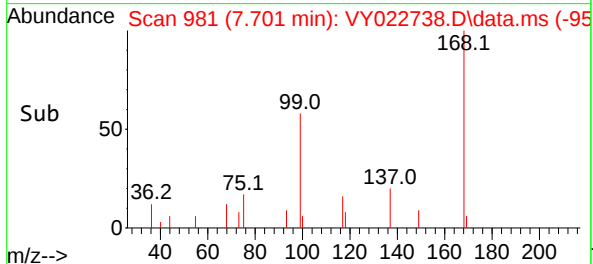
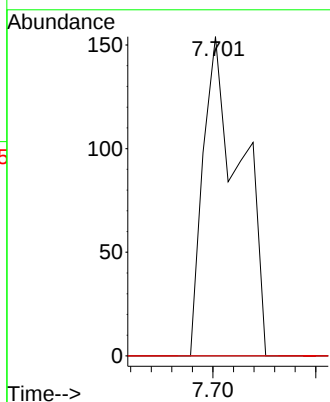
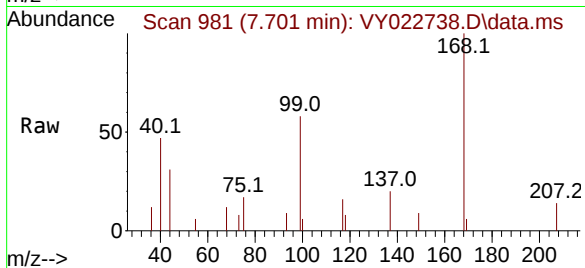
Tgt Ion: 75 Resp: 195

Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.7#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 1.908 ug/l

RT: 7.018 min Scan# 869

Delta R.T. 0.024 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

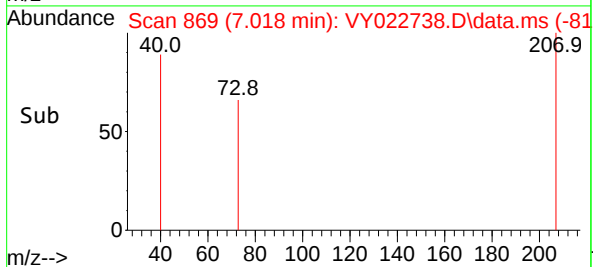
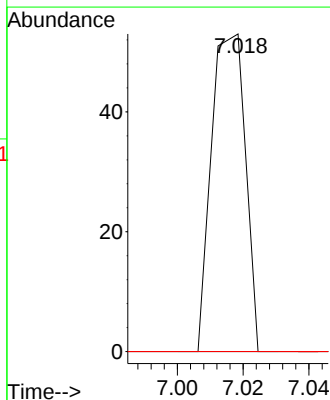
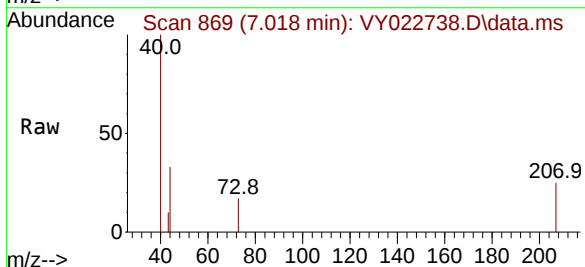
Tgt Ion: 43 Resp: 38

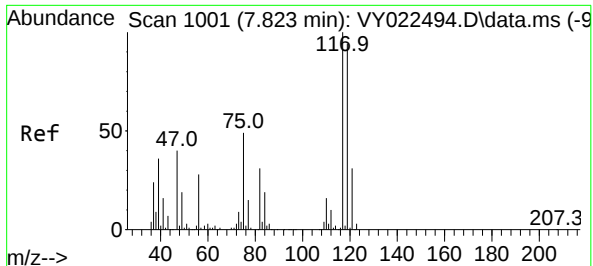
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.2 10.8#

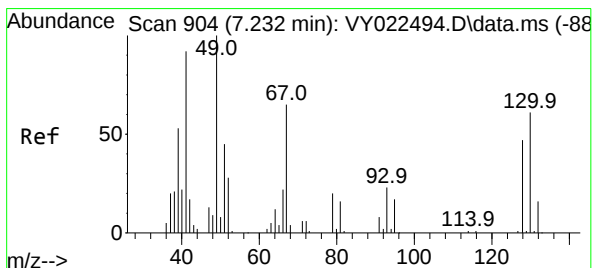
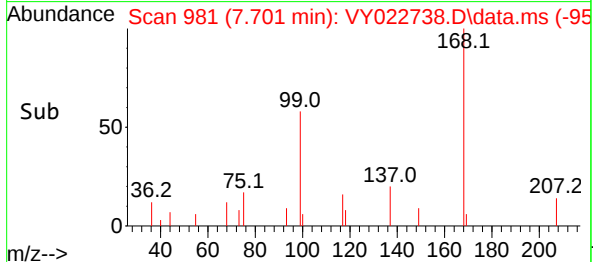
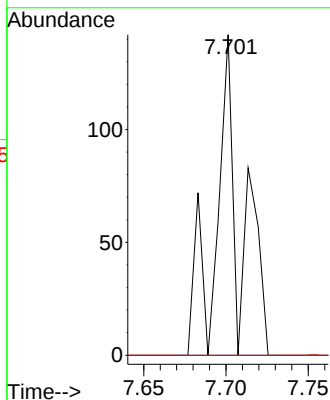
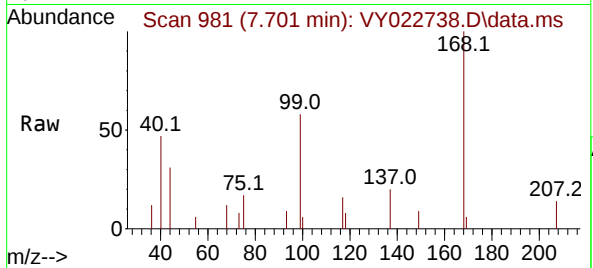




#38
Carbon Tetrachloride
Concen: 3.297 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

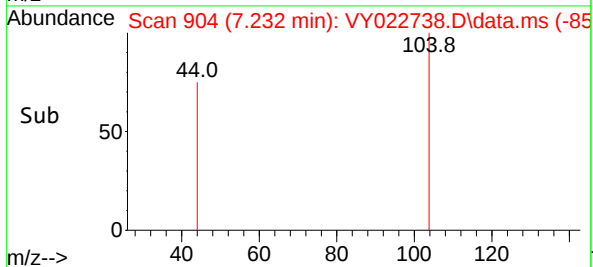
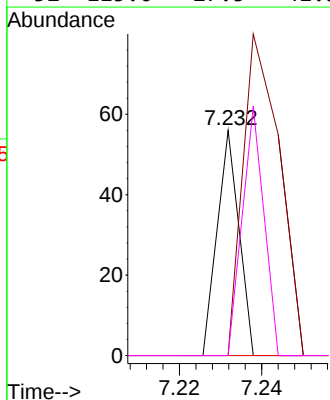
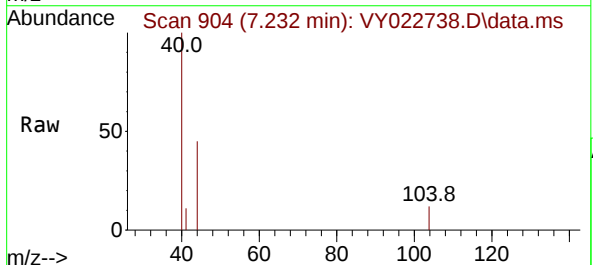
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

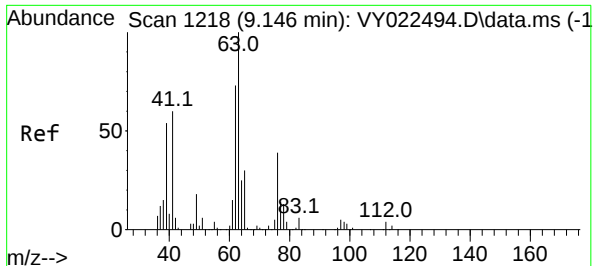
Tgt Ion:117 Resp: 151
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
121 0.0 25.0 37.4#



#41
Methacrylonitrile
Concen: 1.720 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 41 Resp: 20
Ion Ratio Lower Upper
41 100
39 245.0 46.6 69.8#
67 0.0 63.3 94.9#
52 115.0 27.5 41.3#





#45

1,2-Dichloropropane

Concen: 1.091 ug/l

RT: 9.042 min Scan# 11

Delta R.T. -0.104 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

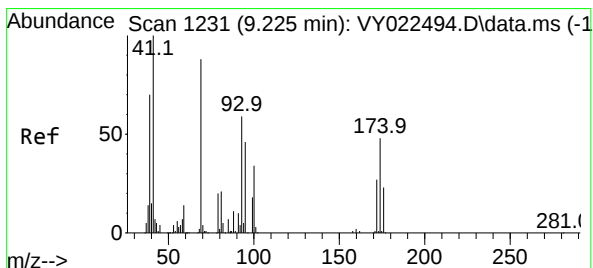
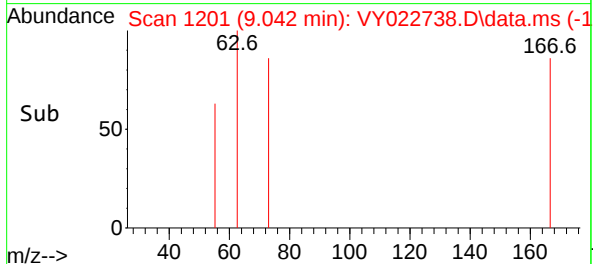
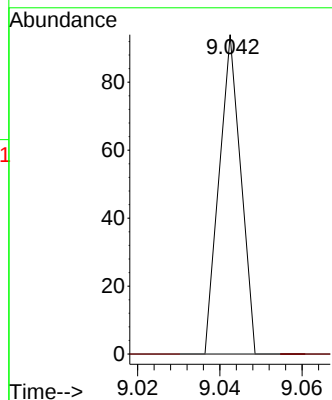
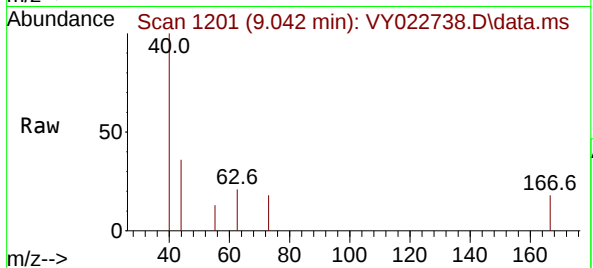
NB-07-06182025

Tgt Ion: 63 Resp: 34

Ion Ratio Lower Upper

63 100

65 0.0 24.0 36.0#



#48

Methyl methacrylate

Concen: 5.549 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. 0.024 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

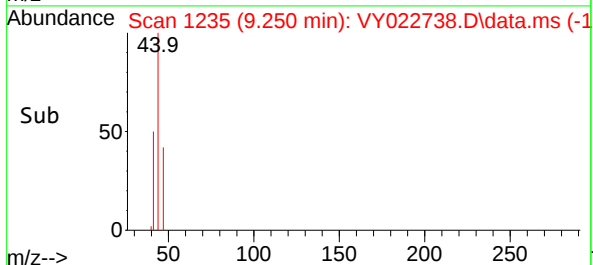
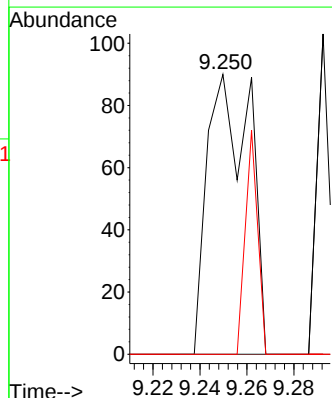
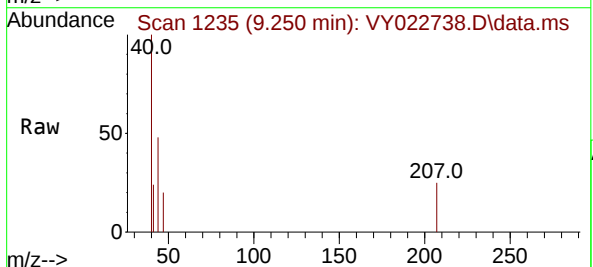
Tgt Ion: 41 Resp: 112

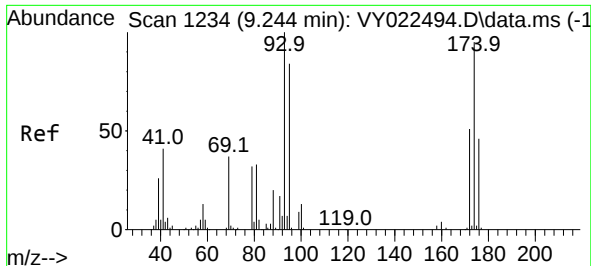
Ion Ratio Lower Upper

41 100

69 0.0 67.8 101.8#

39 23.2 55.0 82.4#

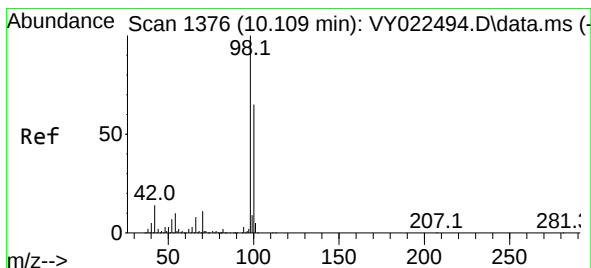
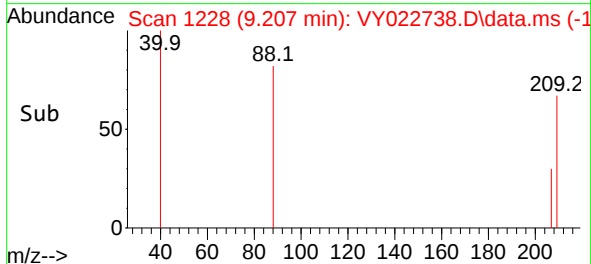
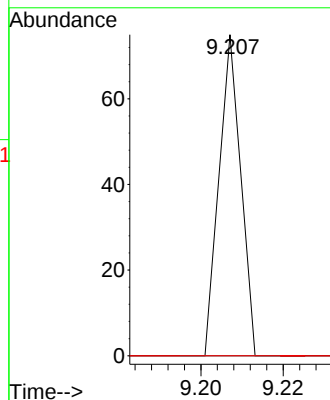
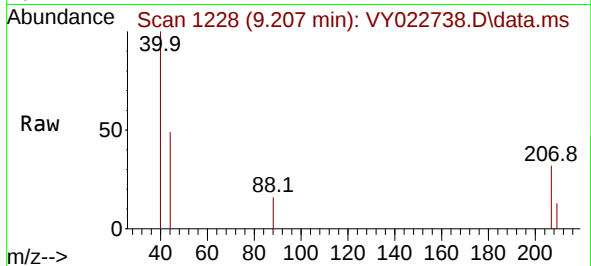




#49
1,4-Dioxane
Concen: 129.980 ug/l
RT: 9.207 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

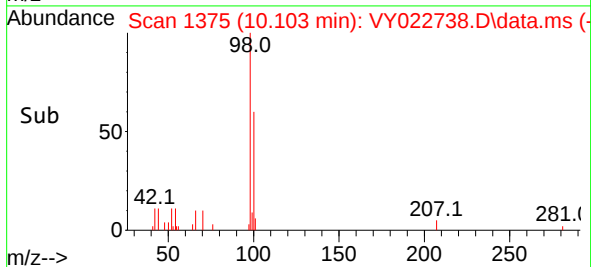
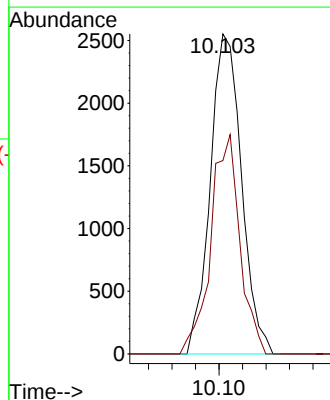
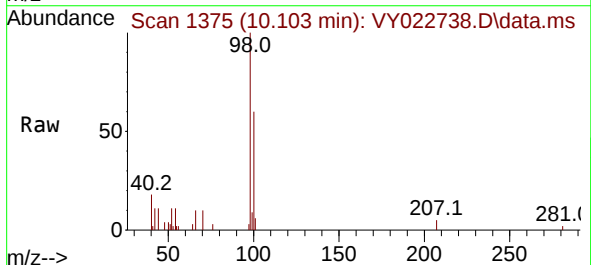
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

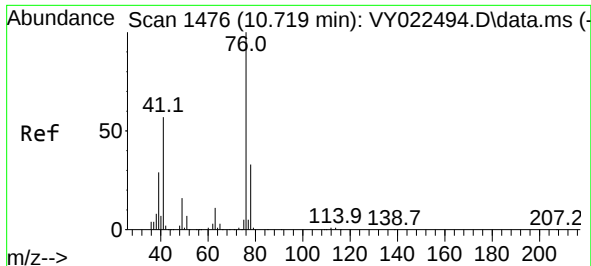
Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 0.0 25.4 38.2#
58 0.0 54.9 82.3#



#50
Toluene-d8
Concen: 42.498 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 98 Resp: 4724
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0





#57

1,3-Dichloropropane

Concen: 1.994 ug/l

RT: 10.743 min Scan# 1476

Delta R.T. 0.024 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

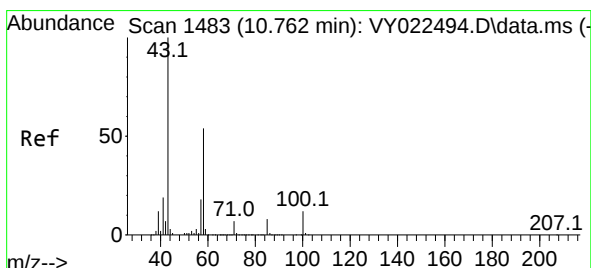
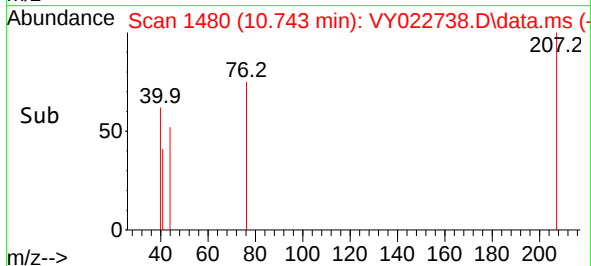
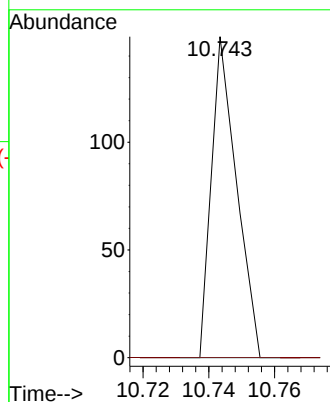
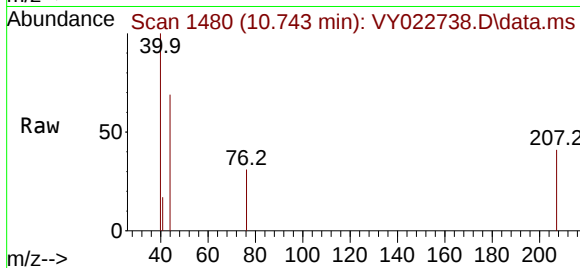
NB-07-06182025

Tgt Ion: 76 Resp: 79

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 2.929 ug/l

RT: 10.804 min Scan# 1490

Delta R.T. 0.043 min

Lab File: VY022738.D

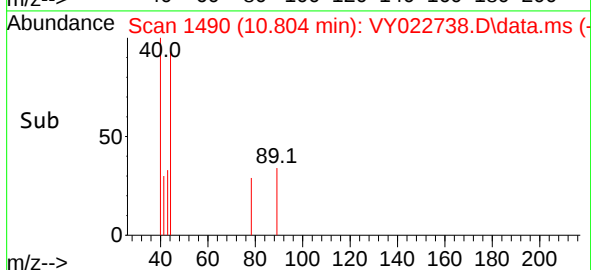
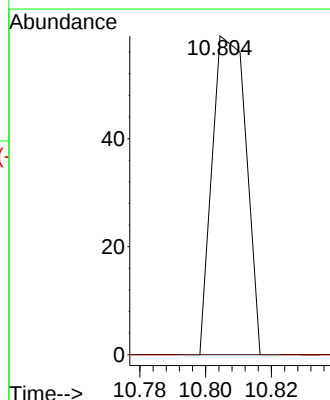
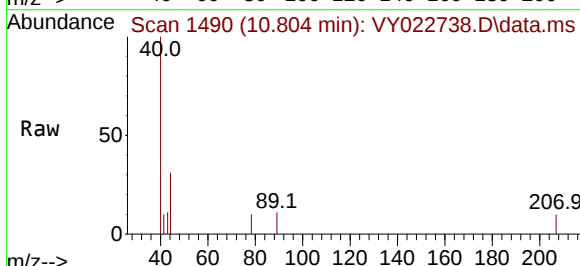
Acq: 18 Jun 2025 15:18

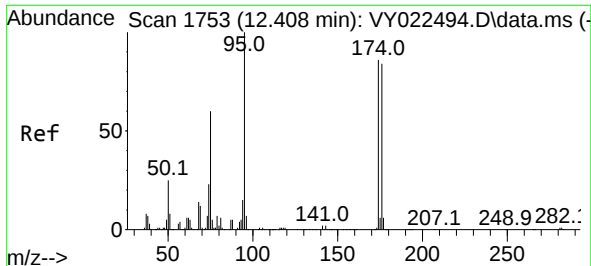
Tgt Ion: 43 Resp: 42

Ion Ratio Lower Upper

43 100

58 0.0 27.3 81.8#

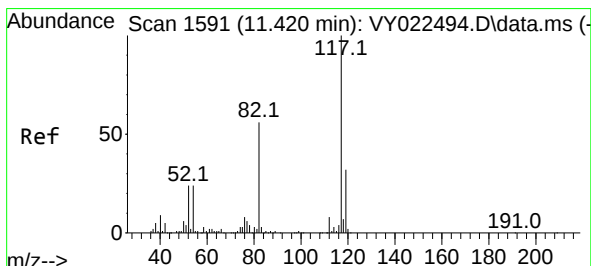
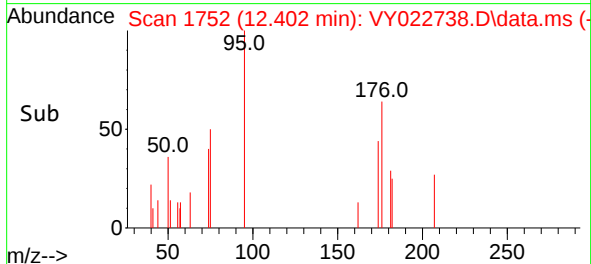
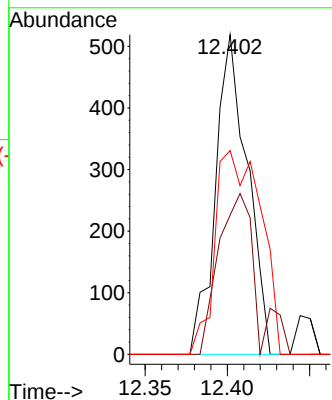
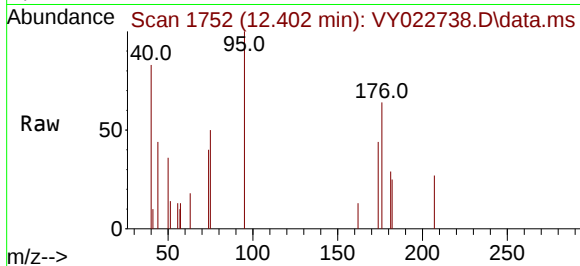




#62
4-Bromofluorobenzene
Concen: 21.196 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

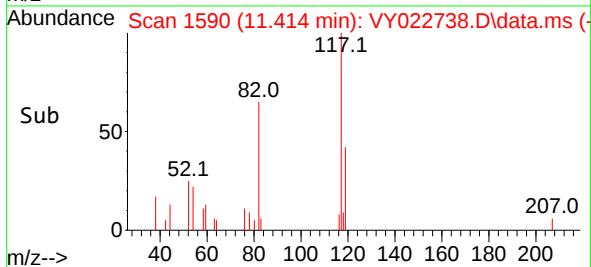
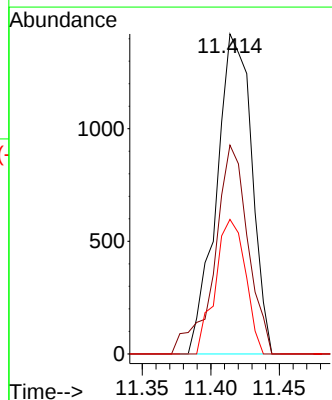
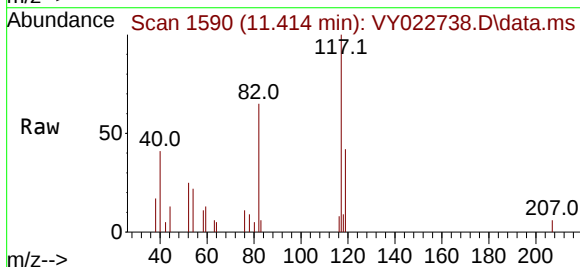
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

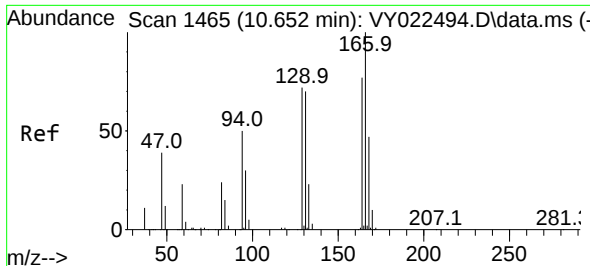
Tgt Ion:	95	Resp:	702
Ion	Ratio	Lower	Upper
95	100		
174	58.7	0.0	170.0
176	91.5	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion:	117	Resp:	2544
Ion	Ratio	Lower	Upper
117	100		
82	65.2	44.6	66.8
119	42.0	25.4	38.0

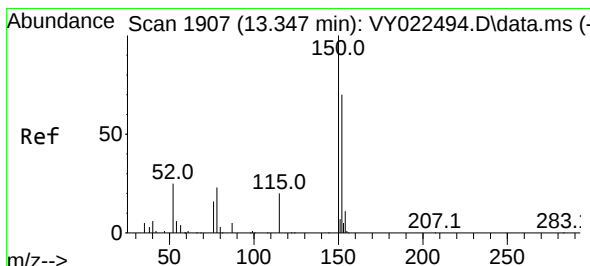
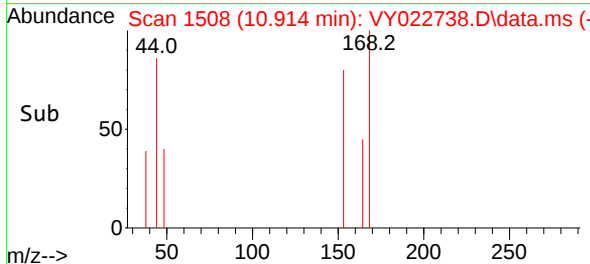
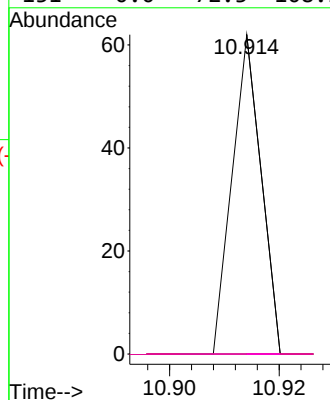
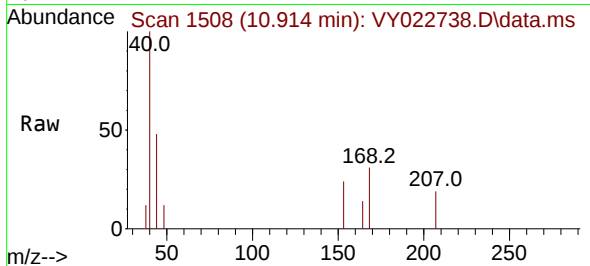




#64
Tetrachloroethene
Concen: 1.051 ug/l
RT: 10.914 min Scan# 11
Delta R.T. 0.262 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

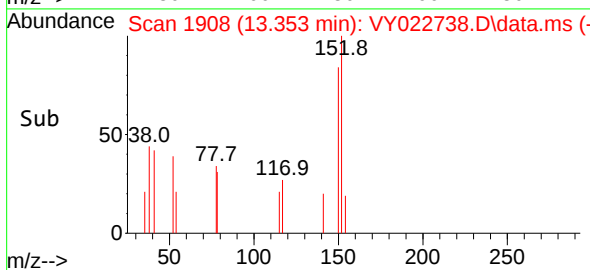
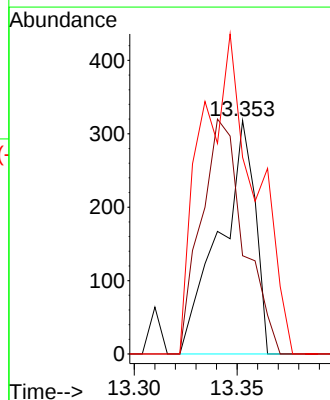
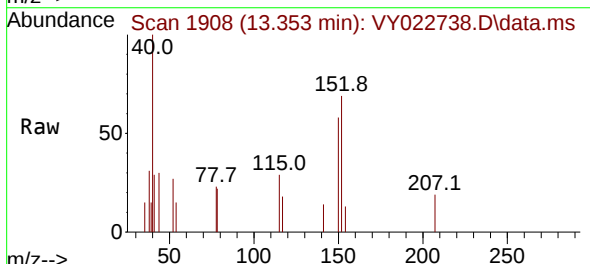
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

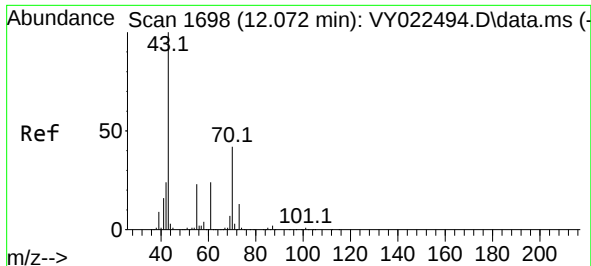
Tgt Ion:164 Resp: 23
Ion Ratio Lower Upper
164 100
166 0.0 104.0 156.0#
129 0.0 74.5 111.7#
131 0.0 72.3 108.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

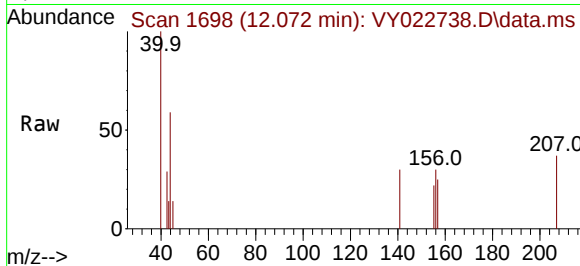
Tgt Ion:152 Resp: 380
Ion Ratio Lower Upper
152 100
115 122.4 28.9 86.7#
150 206.6 0.0 349.6



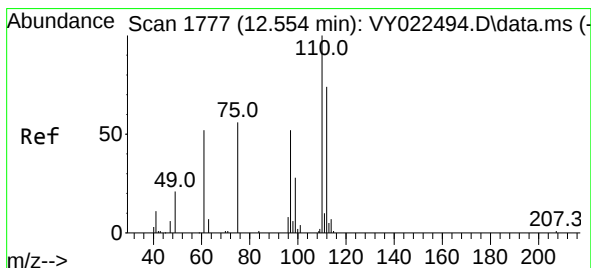
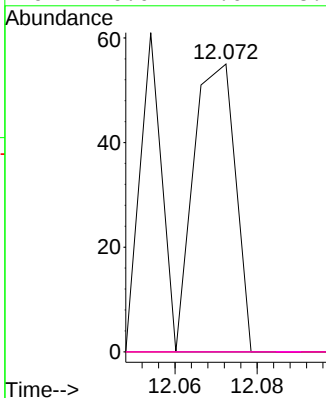
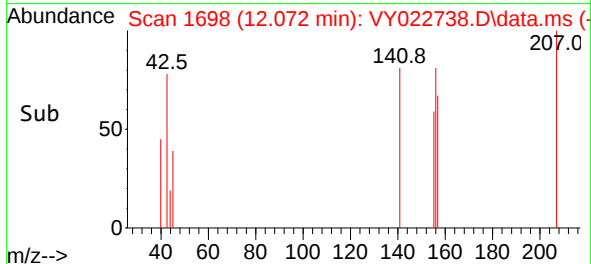


#74
N-amy1 acetate
Concen: 4.954 ug/l
RT: 12.072 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

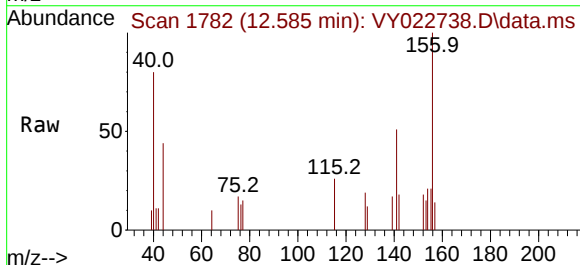
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025



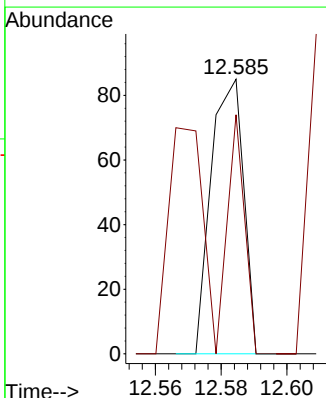
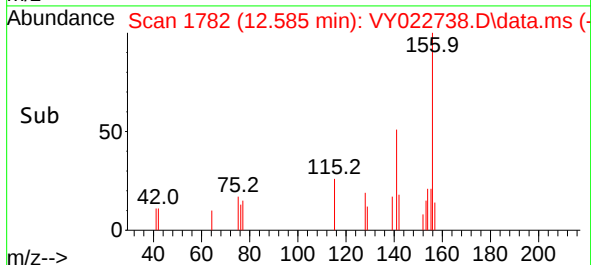
Tgt Ion: 43	Resp:	39	
Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.2#
55	0.0	18.2	27.4#
61	0.0	19.0	28.6#

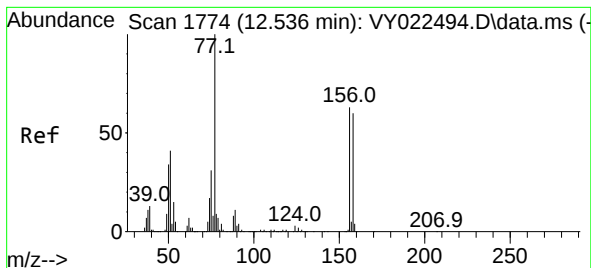


#76
1,2,3-Trichloropropane
Concen: 13.341 ug/l
RT: 12.585 min Scan# 1782
Delta R.T. 0.030 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18



Tgt Ion: 75	Resp:	58	
Ion	Ratio	Lower	Upper
75	100		
77	134.5	0.0	0.0#





#77

Bromobenzene

Concen: 39.037 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-06182025

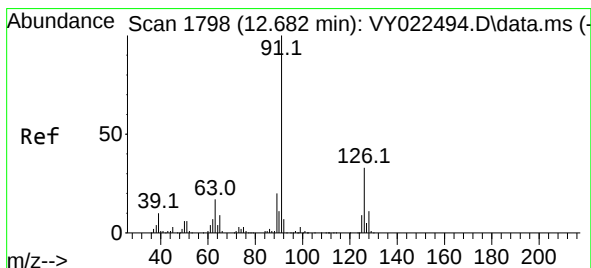
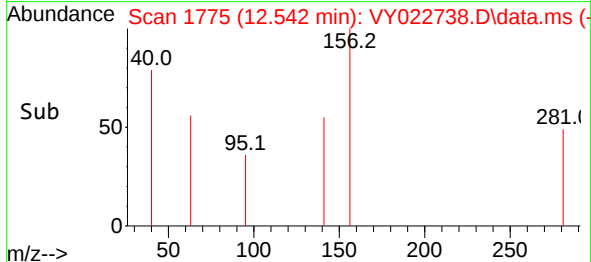
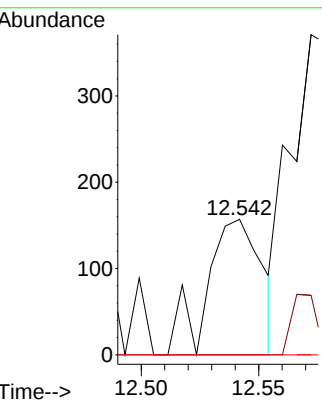
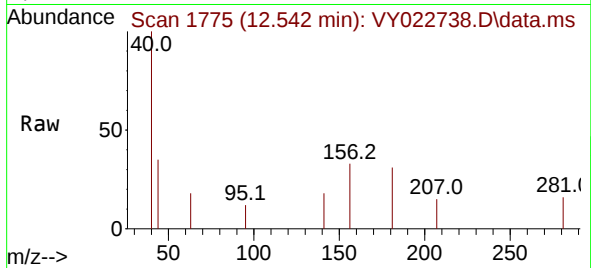
Tgt Ion:156 Resp: 257

Ion Ratio Lower Upper

156 100

77 0.0 94.0 282.1#

158 0.0 48.2 144.6#



#79

2-Chlorotoluene

Concen: 1.089 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.091 min

Lab File: VY022738.D

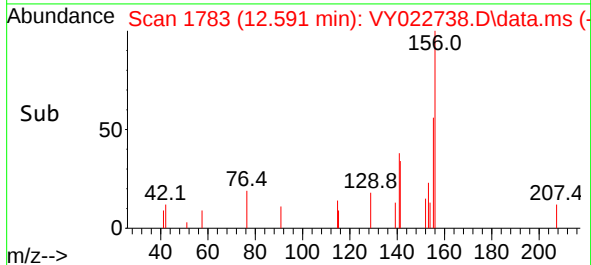
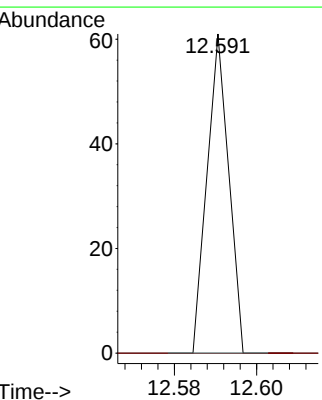
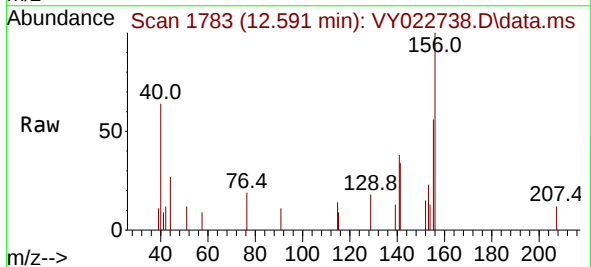
Acq: 18 Jun 2025 15:18

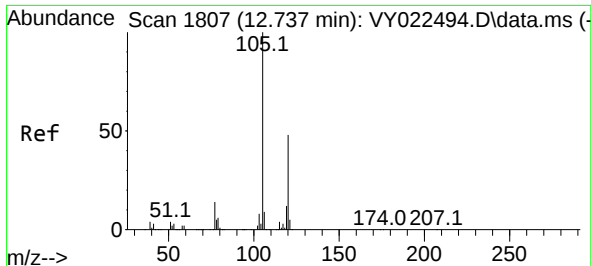
Tgt Ion: 91 Resp: 22

Ion Ratio Lower Upper

91 100

126 0.0 17.0 51.0#

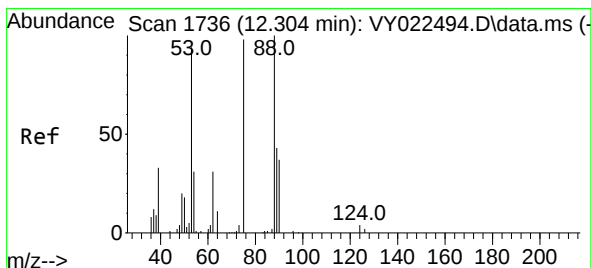
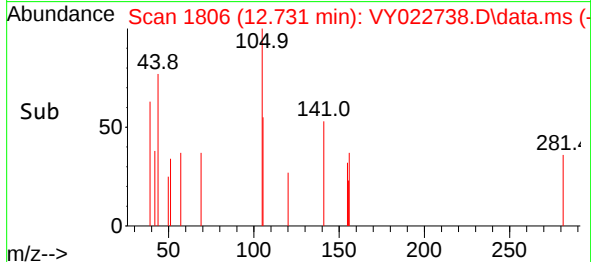
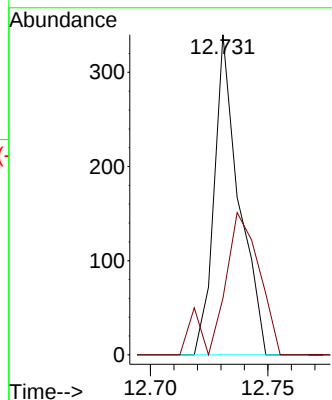
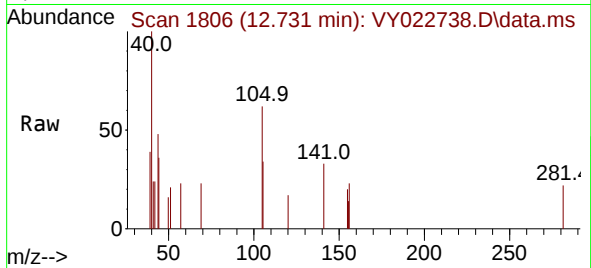




#80
1,3,5-Trimethylbenzene
Concen: 10.166 ug/l
RT: 12.731 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

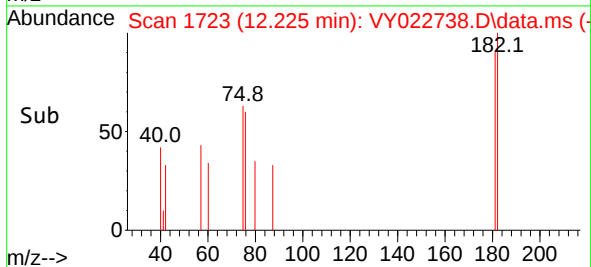
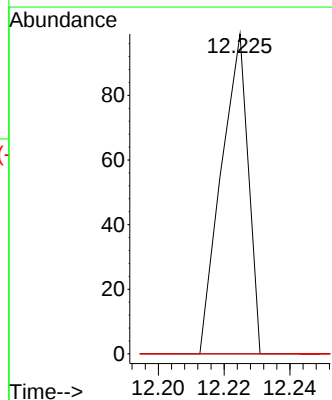
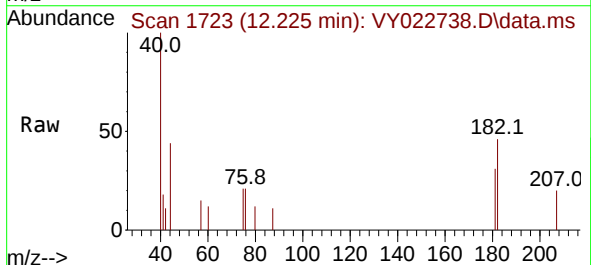
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

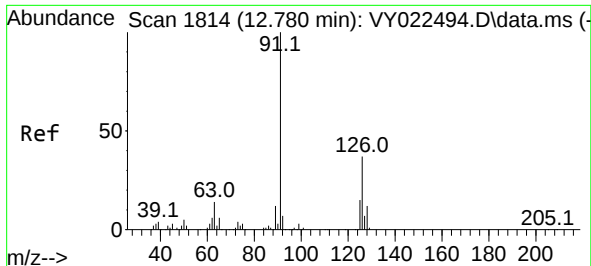
Tgt Ion:105 Resp: 249
Ion Ratio Lower Upper
105 100
120 65.9 24.1 72.4



#81
trans-1,4-Dichloro-2-butene
Concen: 31.108 ug/l
RT: 12.225 min Scan# 1723
Delta R.T. -0.079 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 35.7 53.5#

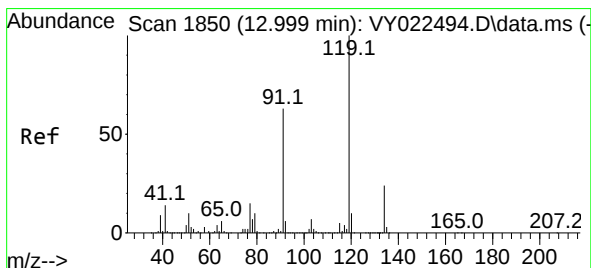
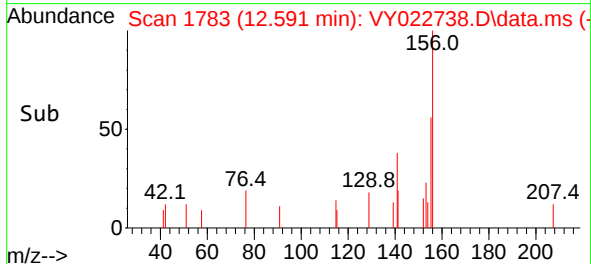
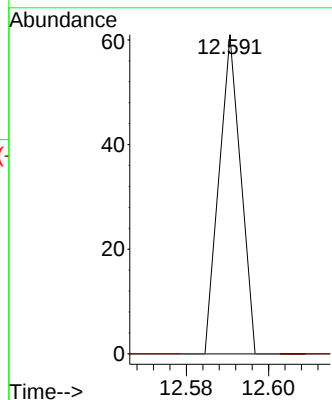
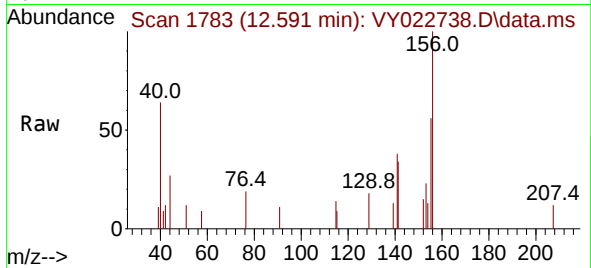




#82
4-Chlorotoluene
Concen: 1.056 ug/l
RT: 12.591 min Scan# 11
Delta R.T. -0.189 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

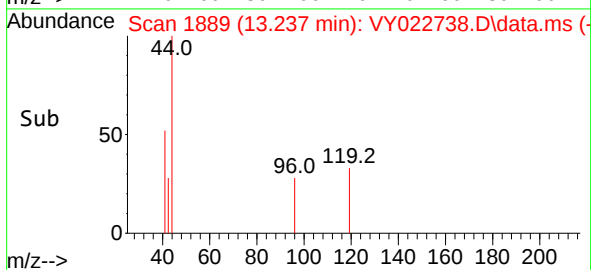
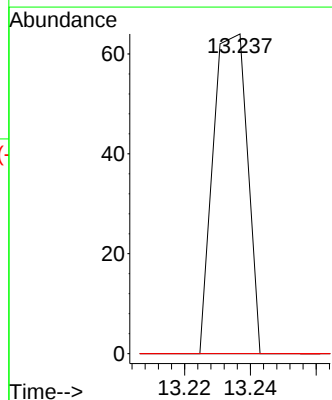
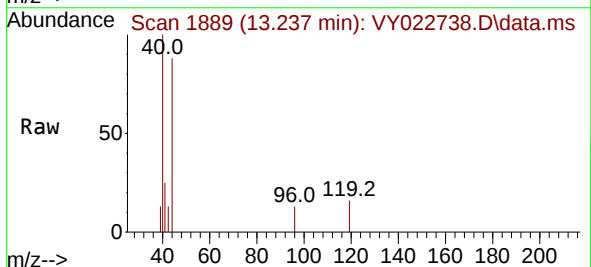
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

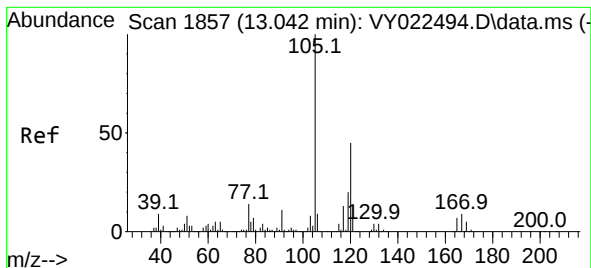
Tgt Ion: 91 Resp: 22
Ion Ratio Lower Upper
91 100
126 0.0 17.0 50.9#



#83
tert-Butylbenzene
Concen: 2.093 ug/l
RT: 13.237 min Scan# 1889
Delta R.T. 0.238 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 119 Resp: 46
Ion Ratio Lower Upper
119 100
91 0.0 32.1 96.3#
134 0.0 13.0 38.9#





#84

1,2,4-Trimethylbenzene

Concen: 20.370 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

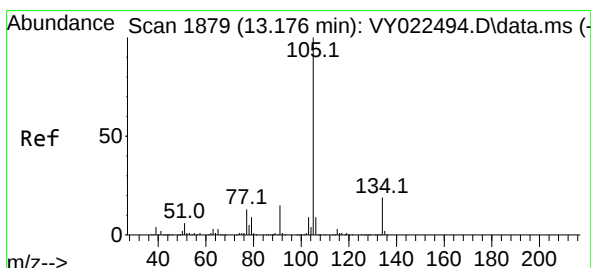
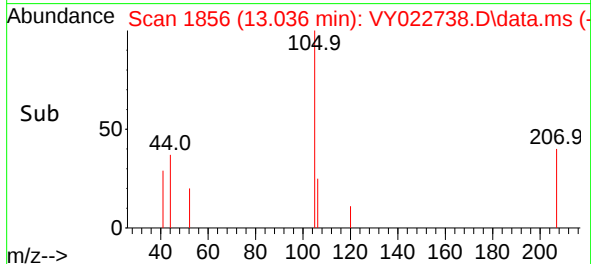
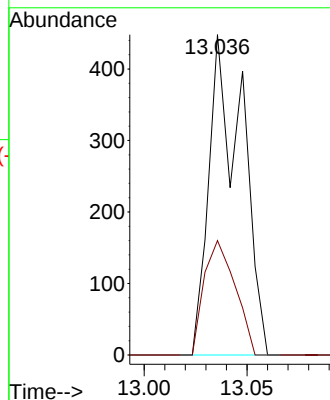
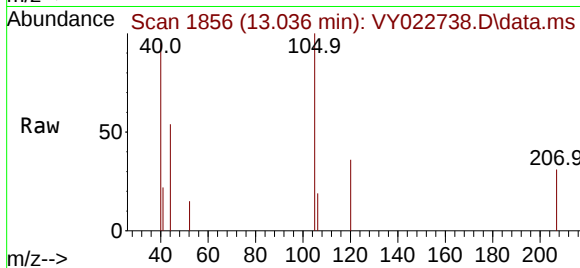
NB-07-06182025

Tgt Ion:105 Resp: 499

Ion Ratio Lower Upper

105 100

120 33.7 22.7 68.1



#85

sec-Butylbenzene

Concen: 1.515 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022738.D

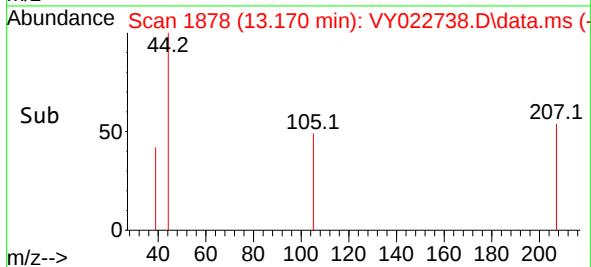
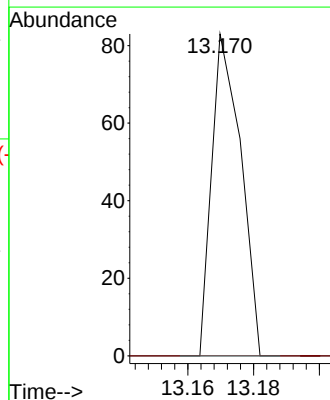
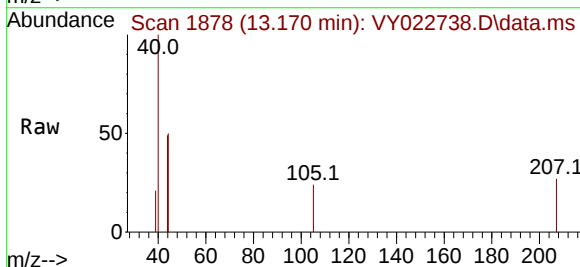
Acq: 18 Jun 2025 15:18

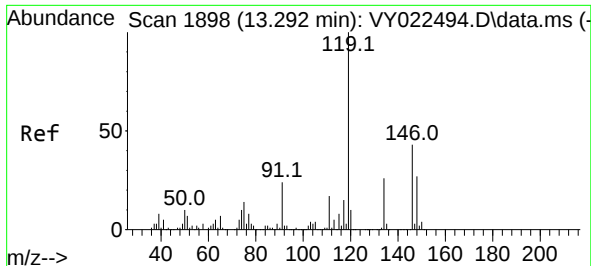
Tgt Ion:105 Resp: 51

Ion Ratio Lower Upper

105 100

134 0.0 9.7 28.9#

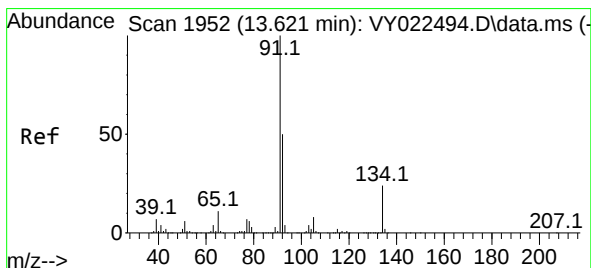
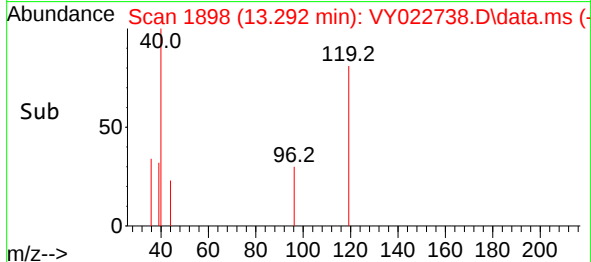
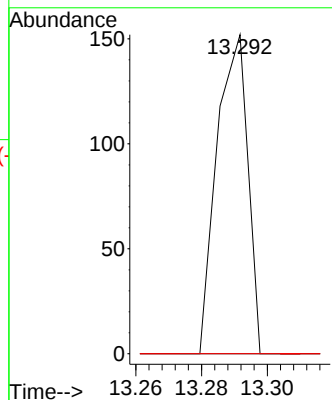
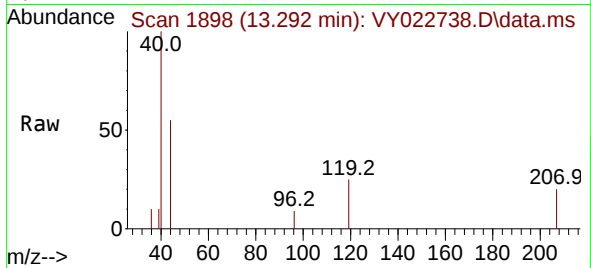




#86
p-Isopropyltoluene
Concen: 3.567 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

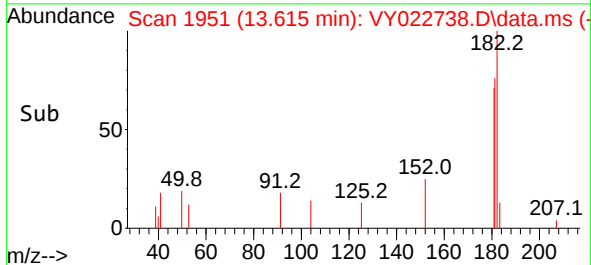
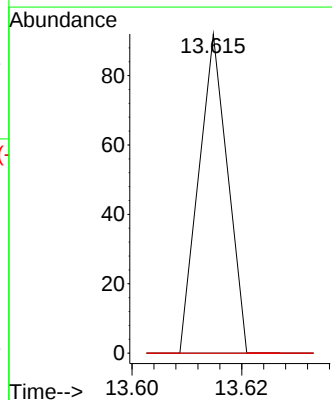
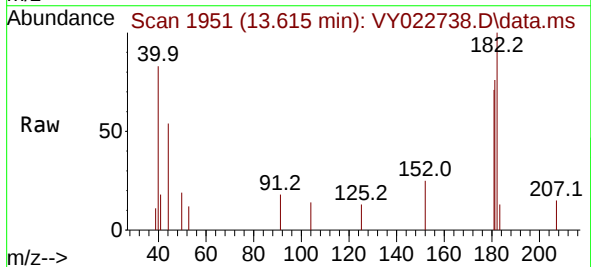
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06182025

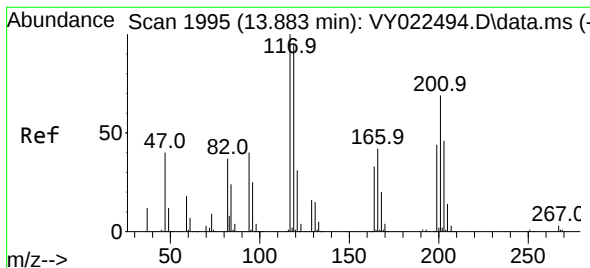
Tgt Ion:119 Resp: 99
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.1#
91 0.0 11.6 34.8#



#89
n-Butylbenzene
Concen: 1.291 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022738.D
Acq: 18 Jun 2025 15:18

Tgt Ion: 91 Resp: 34
Ion Ratio Lower Upper
91 100
92 0.0 25.9 77.8#
134 0.0 12.0 36.1#





#90

Hexachloroethane

Concen: 4.812 ug/l

RT: 13.999 min Scan# 2014

Delta R.T. 0.116 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

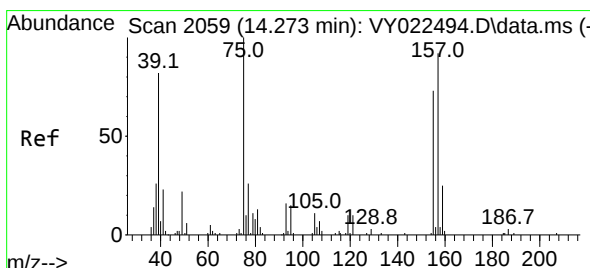
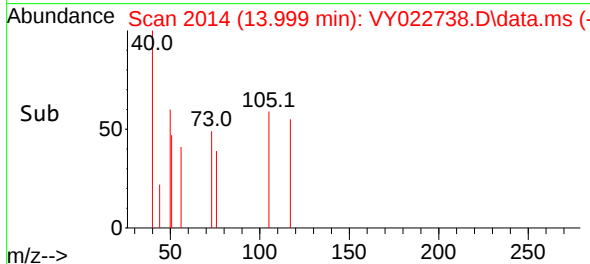
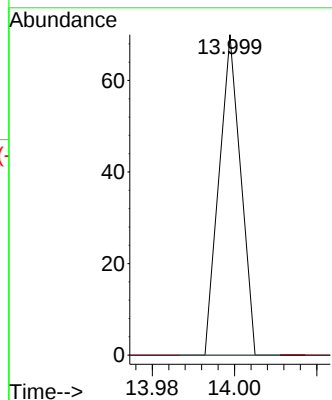
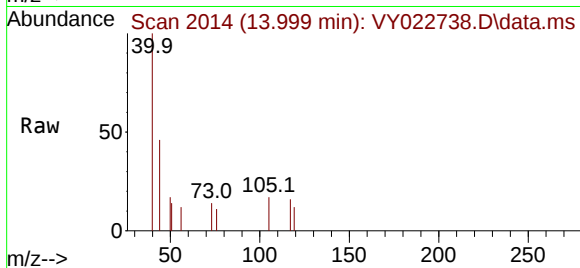
NB-07-06182025

Tgt Ion:117 Resp: 26

Ion Ratio Lower Upper

117 100

201 0.0 34.0 102.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 33.535 ug/l

RT: 14.231 min Scan# 2052

Delta R.T. -0.043 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

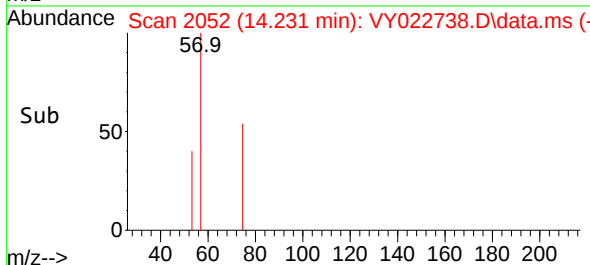
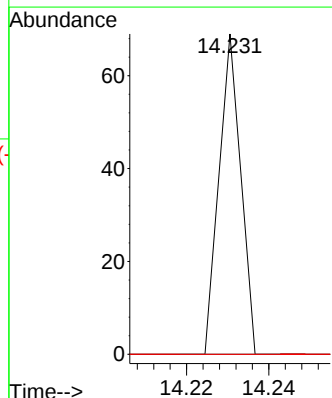
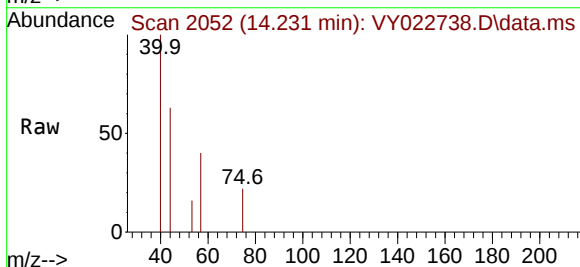
Tgt Ion: 75 Resp: 25

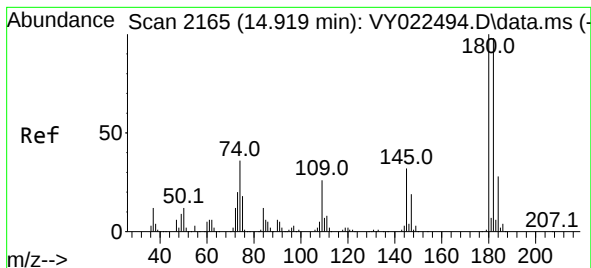
Ion Ratio Lower Upper

75 100

155 0.0 39.9 119.6#

157 0.0 54.0 162.0#





#93

1,2,4-Trichlorobenzene

Concen: 10.200 ug/l

RT: 15.072 min Scan# 2165

Delta R.T. 0.152 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-06182025

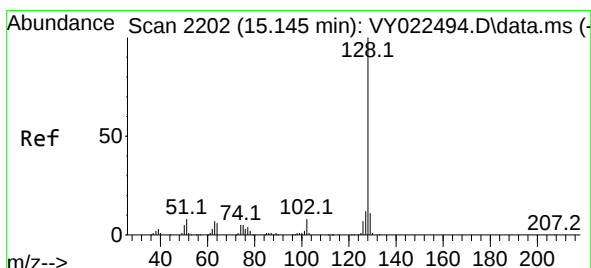
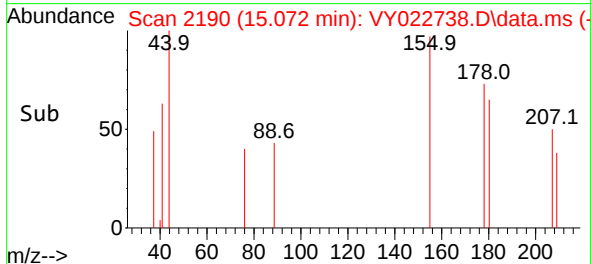
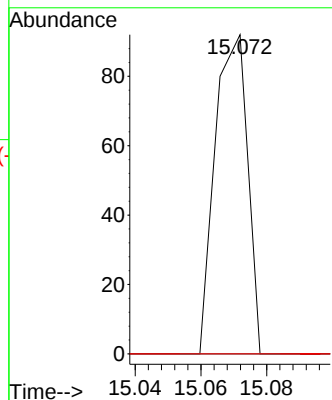
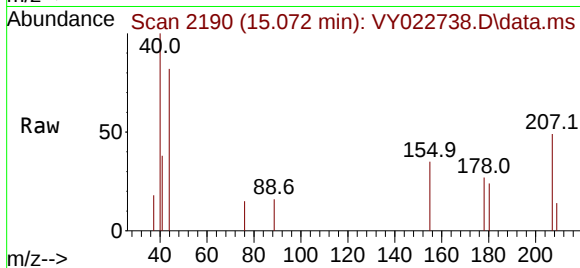
Tgt Ion:180 Resp: 63

Ion Ratio Lower Upper

180 100

182 0.0 48.4 145.3#

145 0.0 15.5 46.5#



#95

Naphthalene

Concen: 196.068 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022738.D

Acq: 18 Jun 2025 15:18

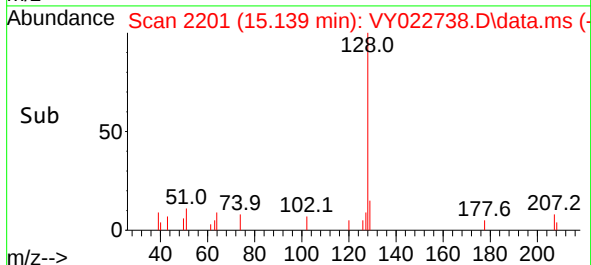
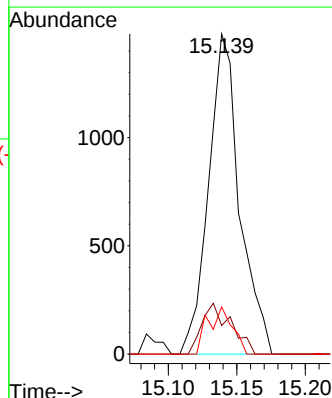
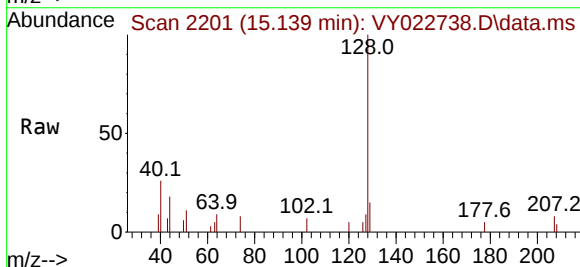
Tgt Ion:128 Resp: 2324

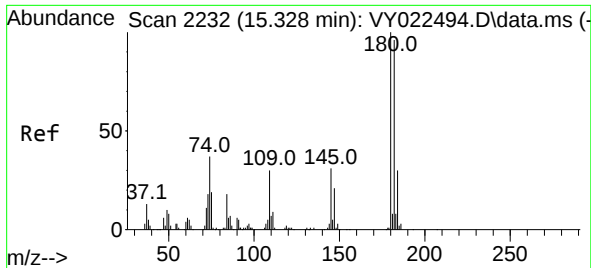
Ion Ratio Lower Upper

128 100

127 14.9 10.4 15.6

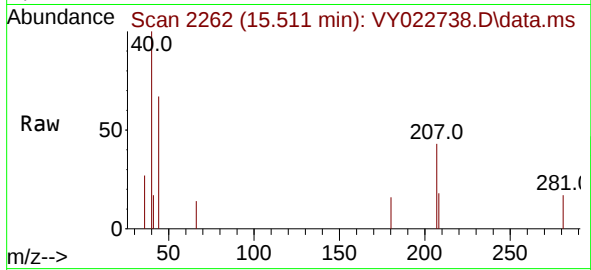
129 11.7 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 8.879 ug/l
 RT: 15.511 min Scan# 21
 Delta R.T. 0.183 min
 Lab File: VY022738.D
 Acq: 18 Jun 2025 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-06182025



Tgt Ion:180 Resp: 47
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.1 141.3#
 145 0.0 15.2 45.6#

