

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078023.D
 Acq On : 02 Jun 2023 11:45
 Operator : JC\MD
 Sample : PB153165TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153165TB

Quant Time: Jun 05 01:09:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	394896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	733894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	665443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272685	46.150	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.300%
35) Dibromofluoromethane	8.177	113	235386	49.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	10.571	98	911958	49.508	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.853	95	298105	45.822	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1346	Below Cal		91
6) Chloroethane	3.130	64	887	0.217	ug/l	99
10) Methyl Iodide	4.601	142	2311	0.443	ug/l #	88
11) Tert butyl alcohol	5.542	59	1131	1.387	ug/l #	85
13) Acrolein	4.195	56	426	Below Cal	#	1
15) Acrylonitrile	5.742	53	1010	0.464	ug/l #	93
16) Acetone	4.442	43	44618	24.002	ug/l	95
18) Methyl Acetate	5.036	43	2275	0.292	ug/l	91
20) Methylene Chloride	5.295	84	23738	3.051	ug/l	94
25) 2-Butanone	7.494	43	2423	0.833	ug/l	88
29) Tetrahydrofuran	7.859	42	1682	0.883	ug/l #	82
31) Cyclohexane	8.236	56	9771	1.217	ug/l #	8
36) 1,1-Dichloropropene	8.236	75	32766	4.681	ug/l #	49
37) Ethyl Acetate	7.571	43	76989	12.340	ug/l	97
38) Carbon Tetrachloride	8.230	117	43283	6.124	ug/l #	15
42) 1,2-Dichloroethane	8.694	62	2608	0.348	ug/l #	73
43) Isopropyl Acetate	8.700	43	494805	48.555	ug/l #	74
48) Methyl methacrylate	9.683	41	8662	1.793	ug/l #	4
49) 1,4-Dioxane	9.712	88	95	1.041	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	25309	4.178	ug/l #	68
54) cis-1,3-Dichloropropene	10.365	75	135934	16.138	ug/l #	64
57) 1,3-Dichloropropane	11.212	76	16454	1.880	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.177	63	1283	0.338	ug/l	100
59) 2-Hexanone	11.206	43	188101	41.983	ug/l #	48
74) N-amyl acetate	12.500	43	4294	0.665	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	162909	32.088	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	162909	102.569	ug/l #	15
82) 4-Chlorotoluene	13.229	91	2928	0.239	ug/l	78
86) p-Isopropyltoluene	13.735	119	2924	0.201	ug/l	90
87) 1,3-Dichlorobenzene	13.741	146	2207	0.299	ug/l	88
88) 1,4-Dichlorobenzene	13.741	146	2207	0.302	ug/l	86
89) n-Butylbenzene	14.059	91	5146	0.385	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	2701	0.392	ug/l	78
92) 1,2-Dibromo-3-Chloropr...	14.729	75	263	0.253	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.400	180	2029	0.504	ug/l	90
94) Hexachlorobutadiene	15.512	225	1245	0.745	ug/l	89

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ALS Vial : 7 Sample Multiplier: 1

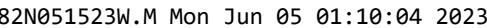
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MSVOA_N
ClientSampleId :
PB153165TB

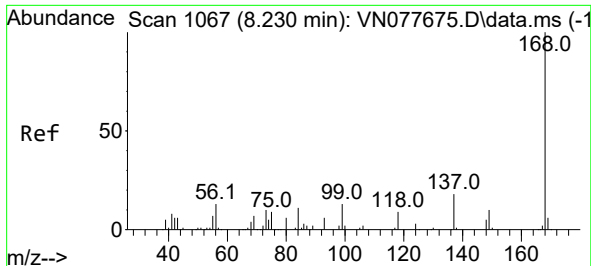
Quant Time: Jun 05 01:09:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.641	128	7383	0.533	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.847	180	2642	0.670	ug/l	82

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

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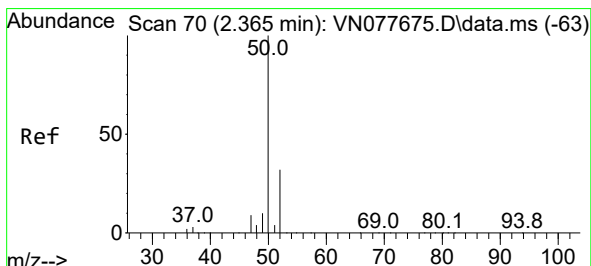
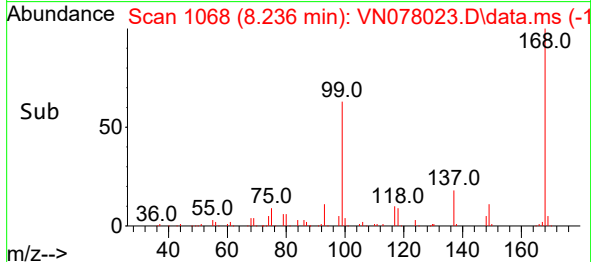
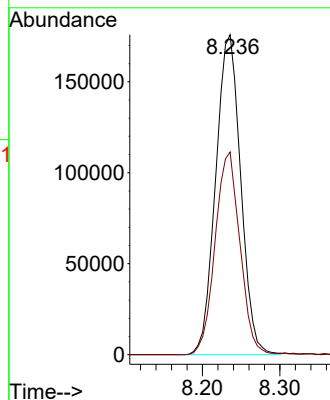
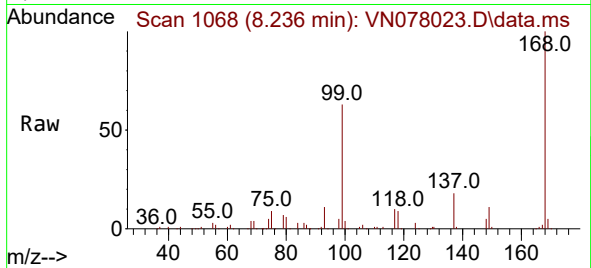




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

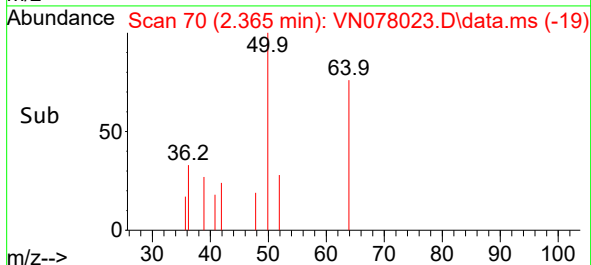
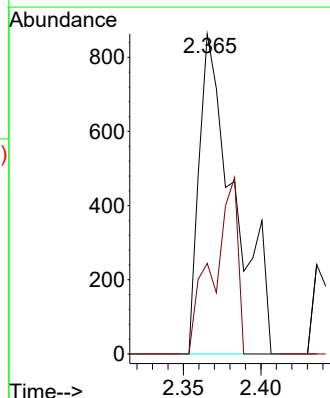
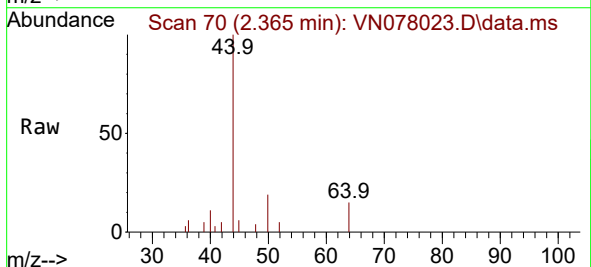
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PB153165TB

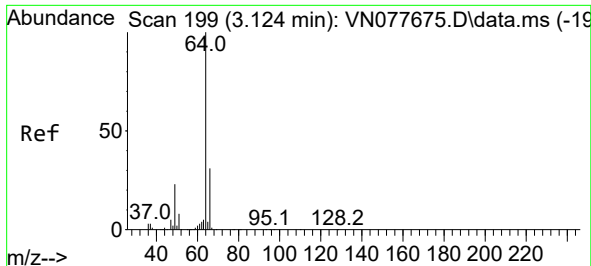
Tgt Ion:168 Resp: 394896
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 50 Resp: 1346
Ion Ratio Lower Upper
50 100
52 28.3 26.5 39.7

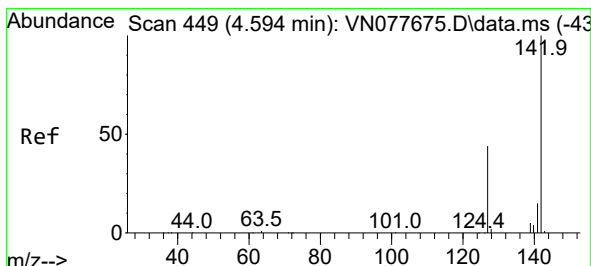
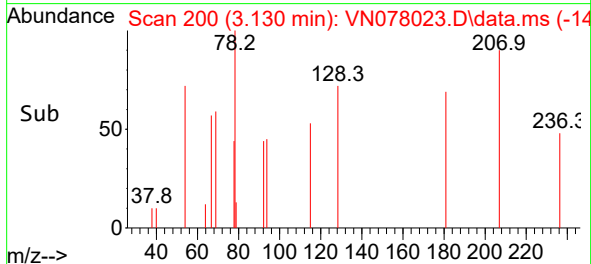
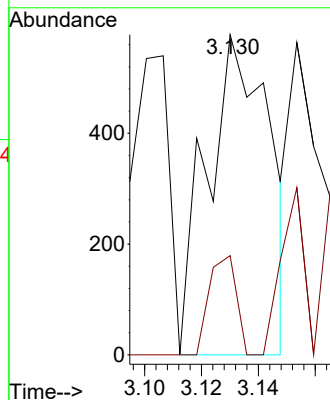
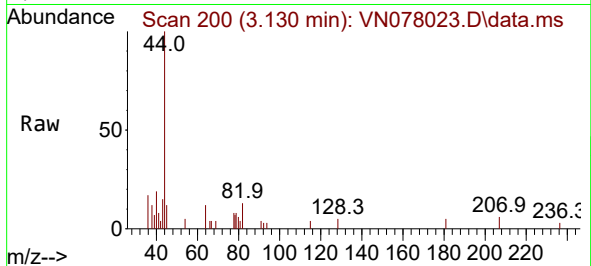




#6
Chloroethane
Concen: 0.217 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

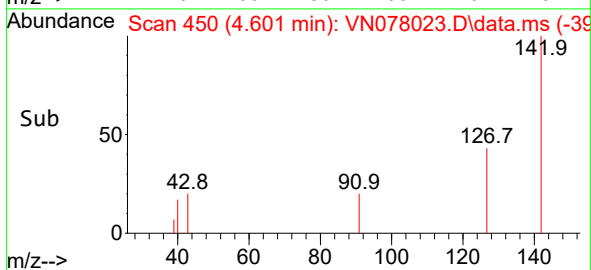
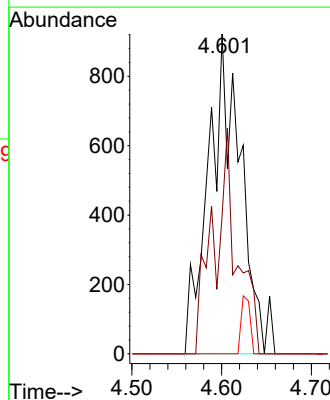
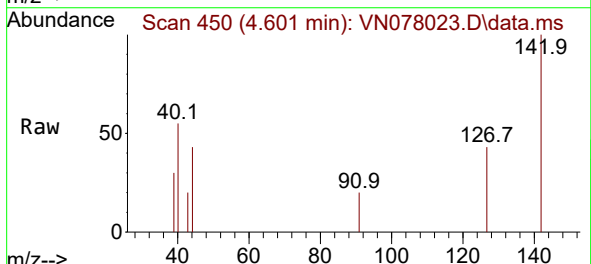
Instrument :
MSVOA_N
ClientSampleId :
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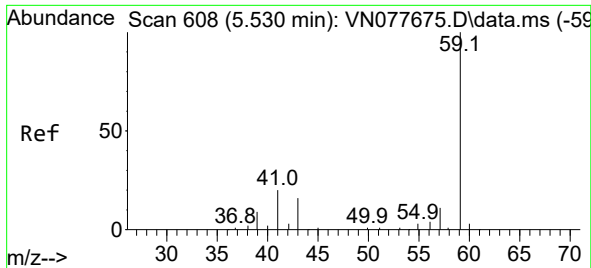
Tgt Ion: 64 Resp: 887
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2



#10
Methyl Iodide
Concen: 0.443 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.007 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 142 Resp: 2311
Ion Ratio Lower Upper
142 100
127 43.3 37.6 56.4
141 0.0 11.4 17.0#

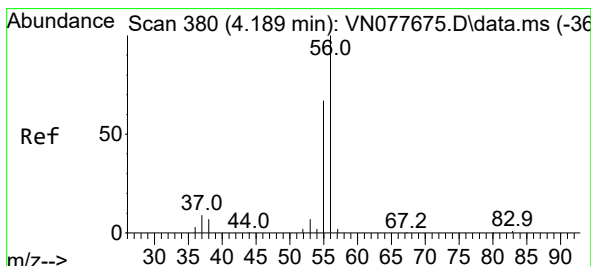
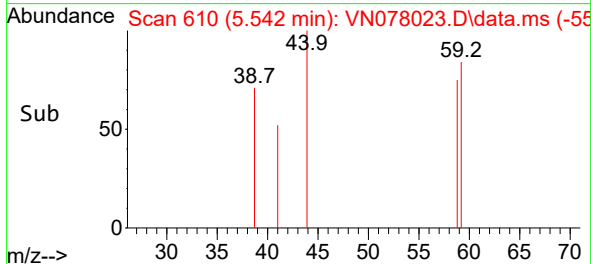
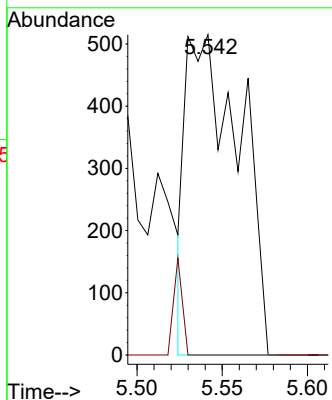
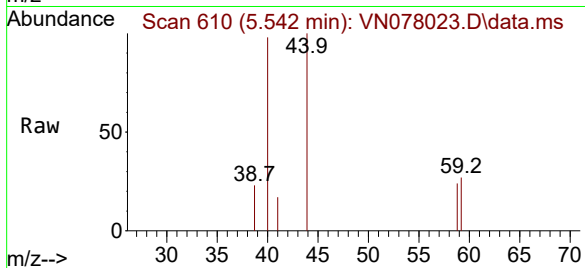




#11
Tert butyl alcohol
Concen: 1.387 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

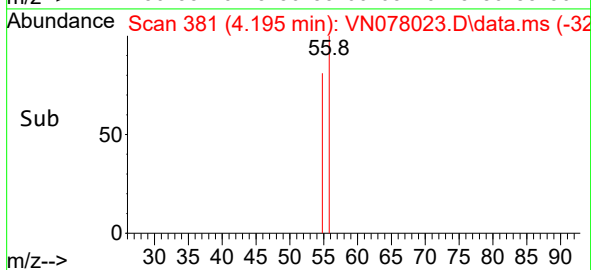
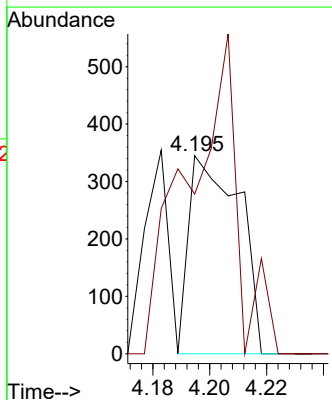
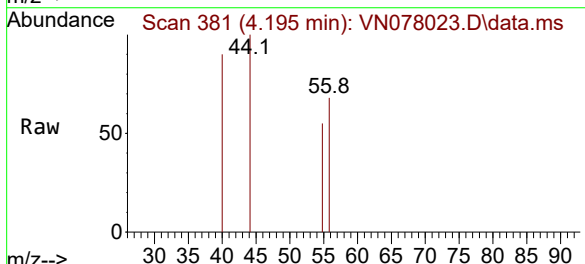
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ClientSampleId :
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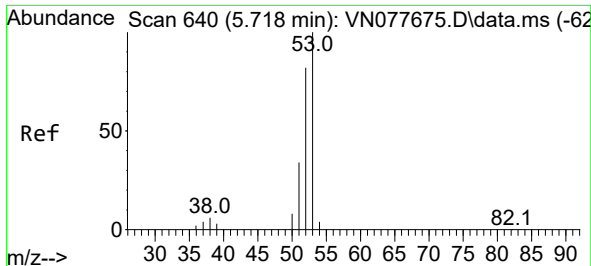
Tgt Ion: 59 Resp: 1131
Ion Ratio Lower Upper
59 100
57 4.9 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 56 Resp: 426
Ion Ratio Lower Upper
56 100
55 160.3 54.5 81.7#

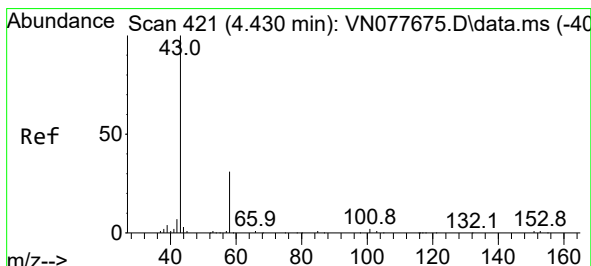
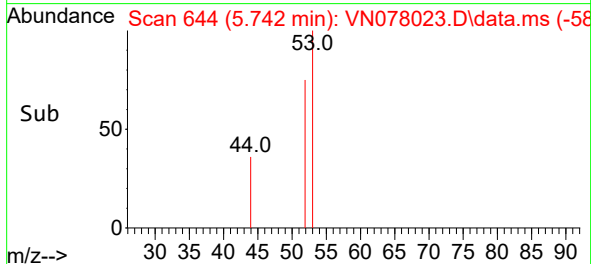
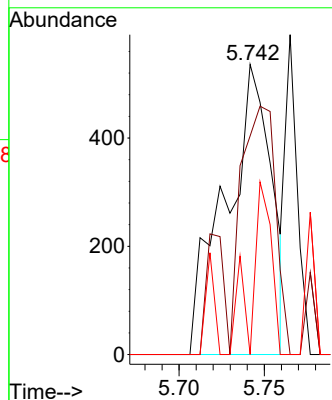
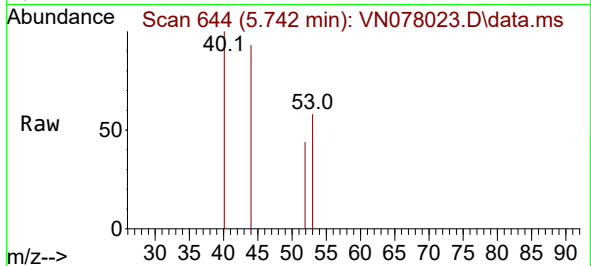




#15
Acrylonitrile
Concen: 0.464 ug/l
RT: 5.742 min Scan# 64
Delta R.T. 0.024 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

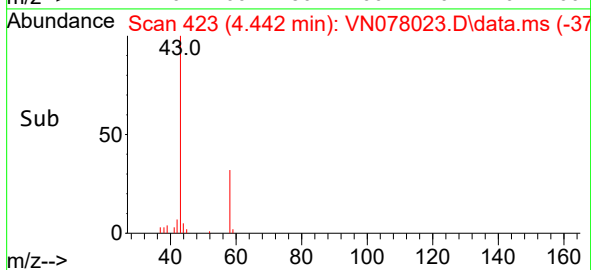
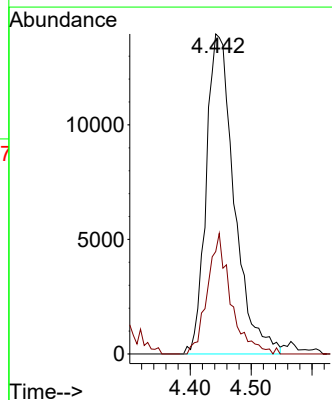
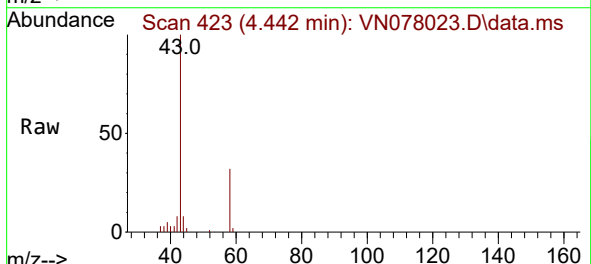
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ClientSampleId :
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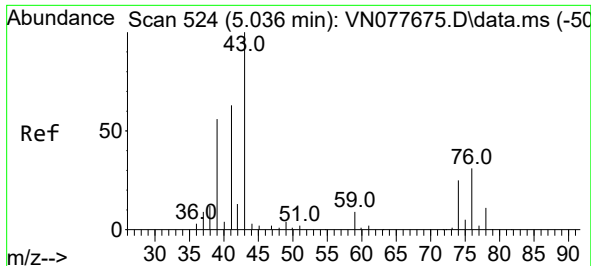
Tgt Ion: 53 Resp: 1010
Ion Ratio Lower Upper
53 100
52 78.9 65.3 97.9
51 25.9 28.9 43.3#



#16
Acetone
Concen: 24.002 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 43 Resp: 44618
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0

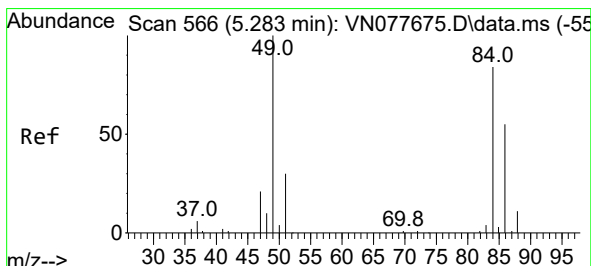
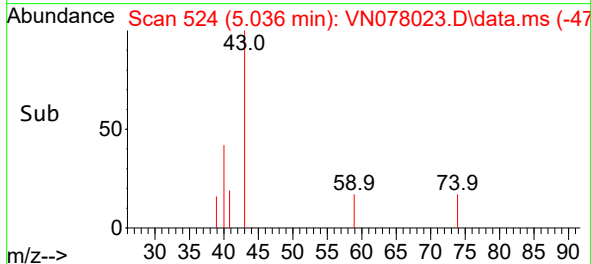
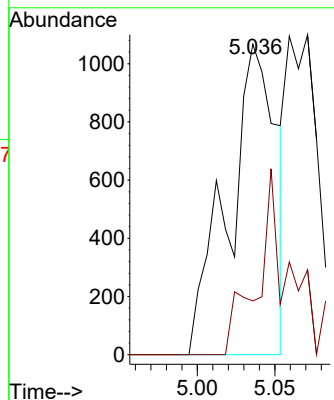
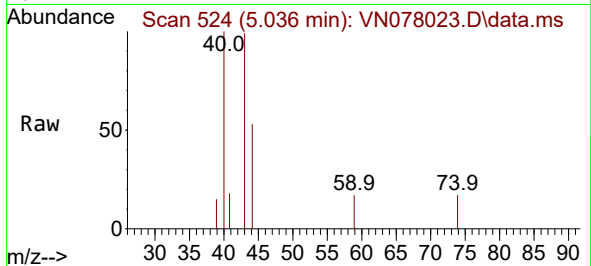




#18
Methyl Acetate
Concen: 0.292 ug/l
RT: 5.036 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

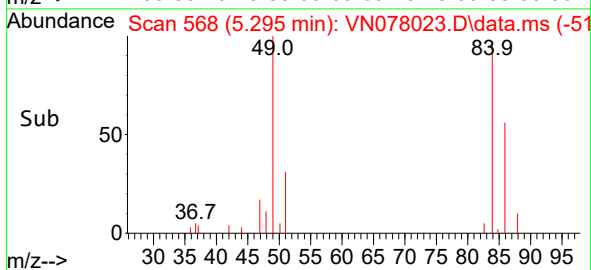
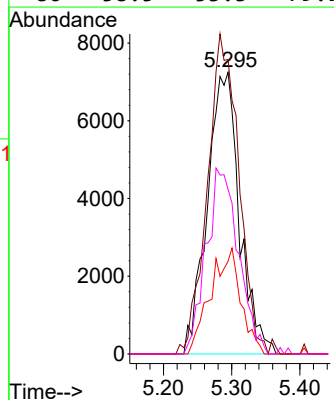
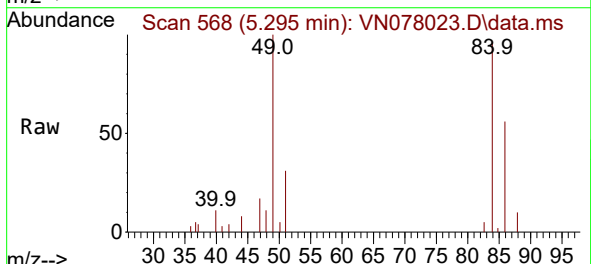
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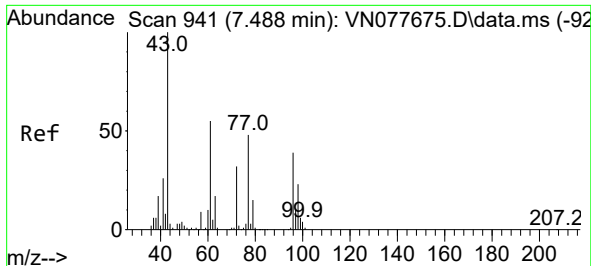
Tgt Ion: 43 Resp: 2275
Ion Ratio Lower Upper
43 100
74 37.8 26.2 39.4



#20
Methylene Chloride
Concen: 3.051 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.012 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 84 Resp: 23738
Ion Ratio Lower Upper
84 100
49 104.5 79.7 119.5
51 32.9 25.2 37.8
86 58.5 53.3 79.9

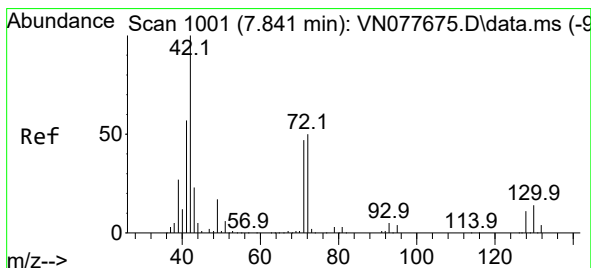
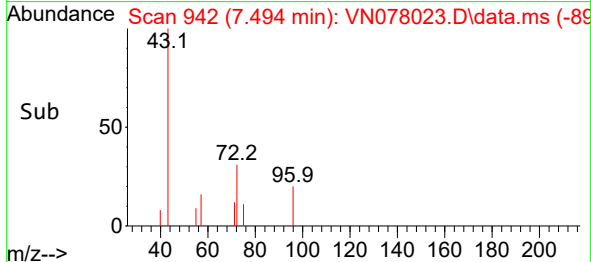
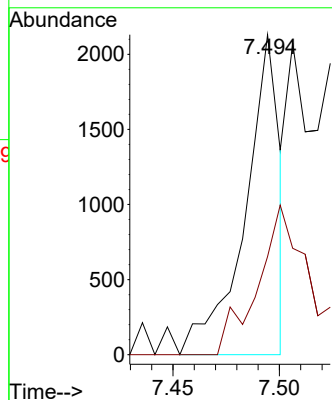
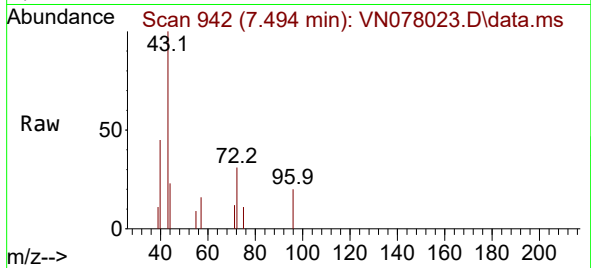




#25
2-Butanone
Concen: 0.833 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

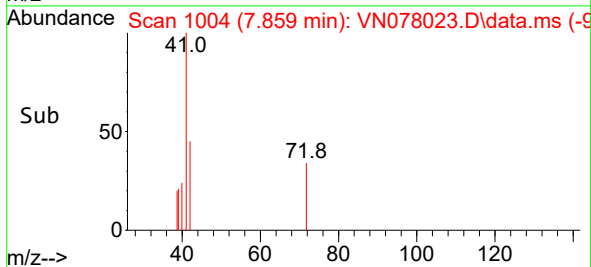
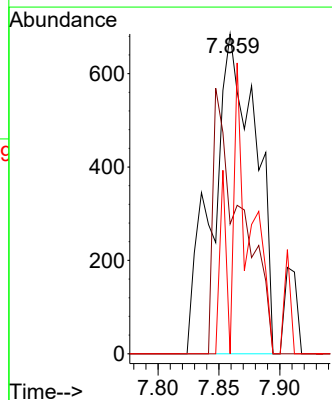
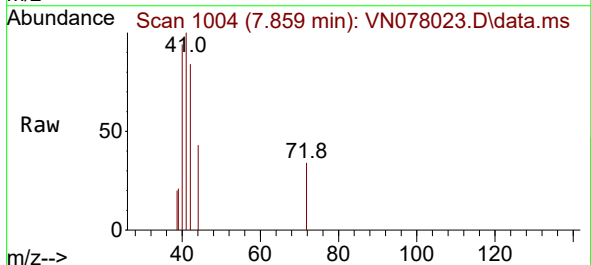
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ClientSampleId :
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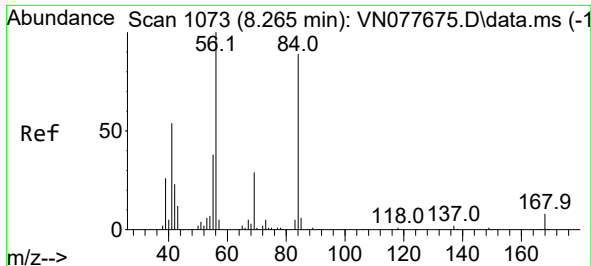
Tgt Ion: 43 Resp: 2423
Ion Ratio Lower Upper
43 100
72 30.6 30.2 45.2



#29
Tetrahydrofuran
Concen: 0.883 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.018 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

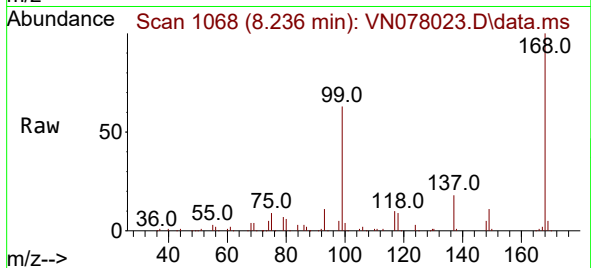
Tgt Ion: 42 Resp: 1682
Ion Ratio Lower Upper
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72 53.3 49.8 74.6
71 41.0 47.4 71.2#



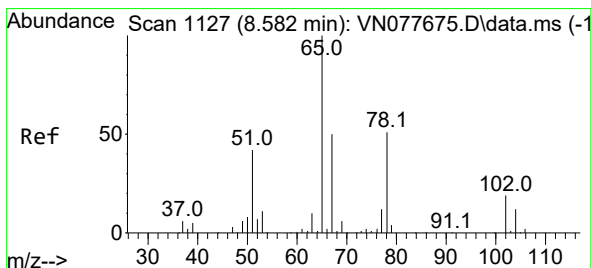
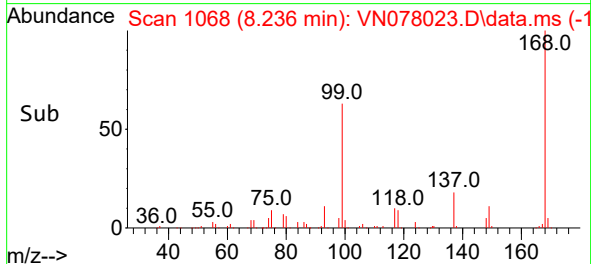
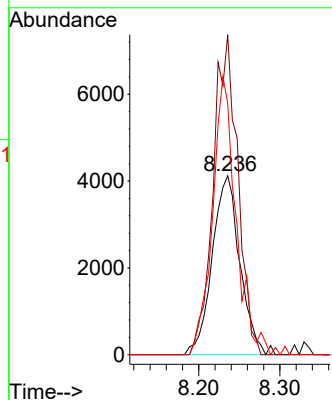


#31
Cyclohexane
Concen: 1.217 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Instrument :
MSVOA_N
ClientSampleId :
PB153165TB

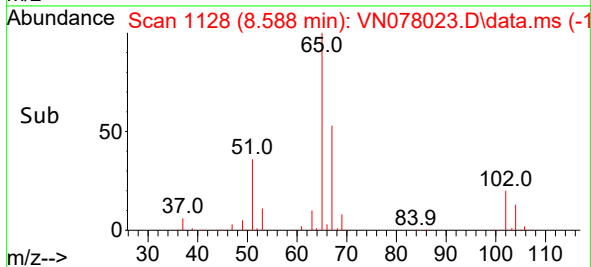
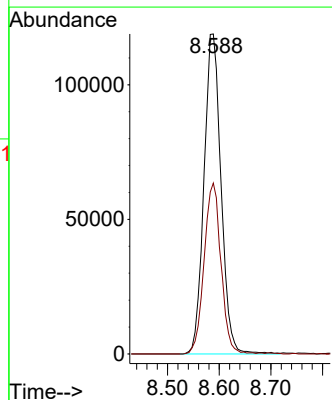
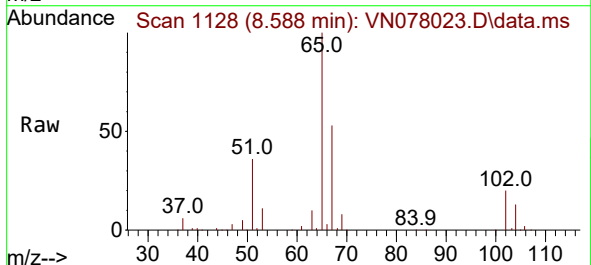


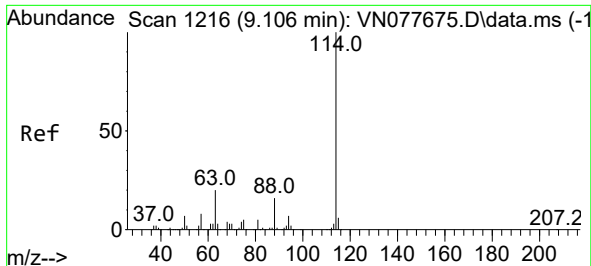
Tgt Ion: 56 Resp: 9771
Ion Ratio Lower Upper
56 100
69 178.9 26.8 40.2#
84 140.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.150 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 65 Resp: 272685
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

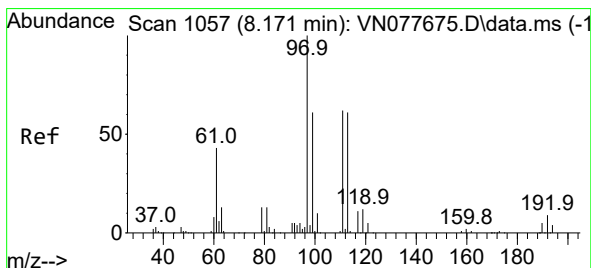
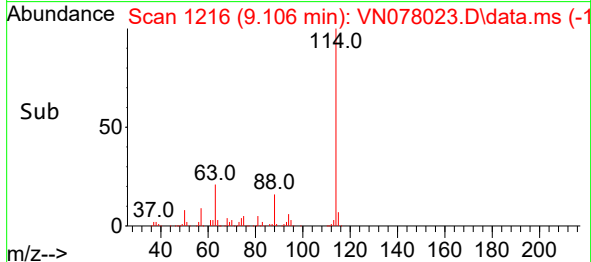
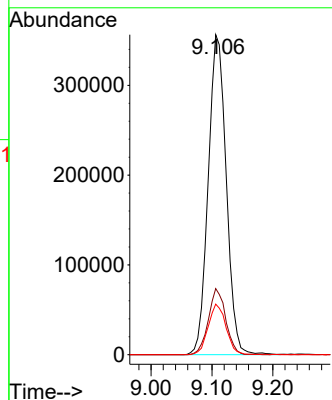
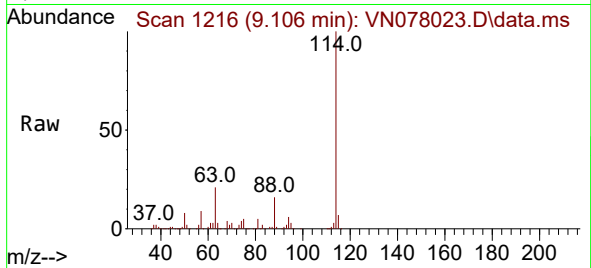




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

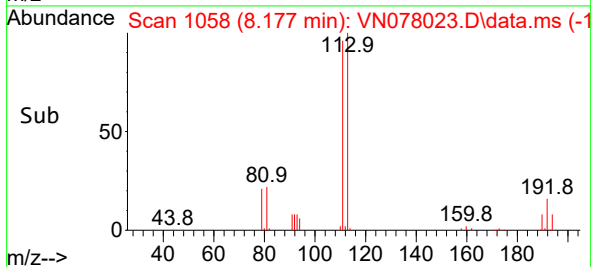
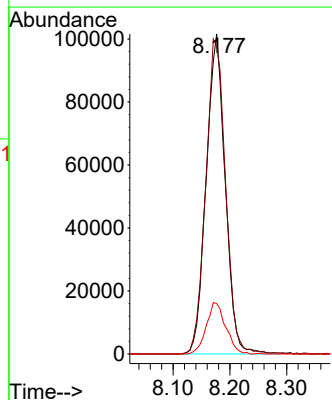
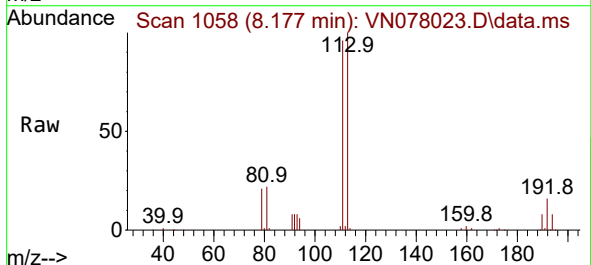
Instrument :
MSVOA_N
ClientSampleId :
PB153165TB

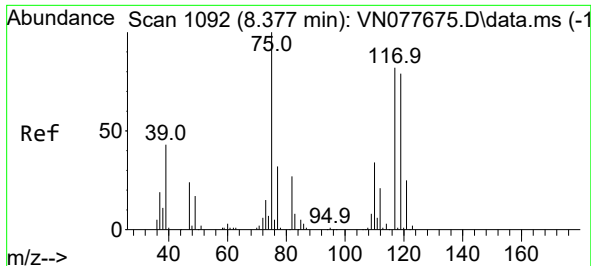
Tgt Ion:114 Resp: 733894
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.186 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion:113 Resp: 235386
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 16.4 12.7 19.1

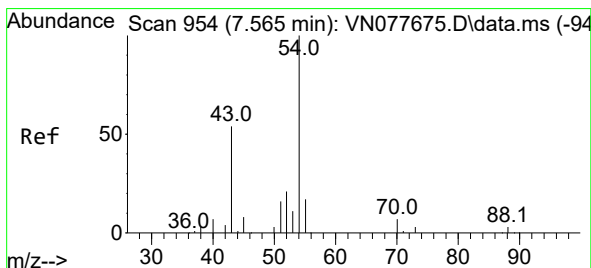
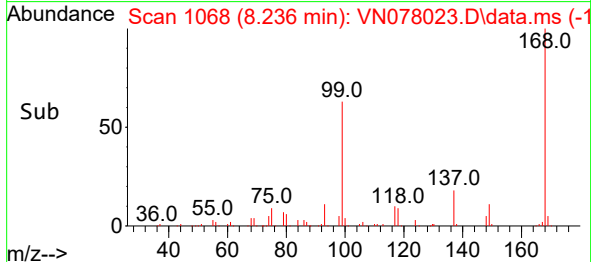
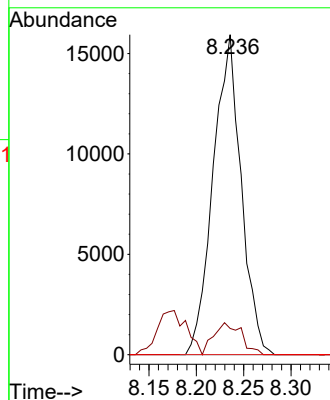
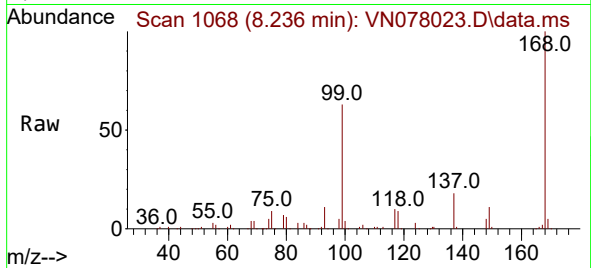




#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 8.236 min Scan# 1092
Delta R.T. -0.141 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

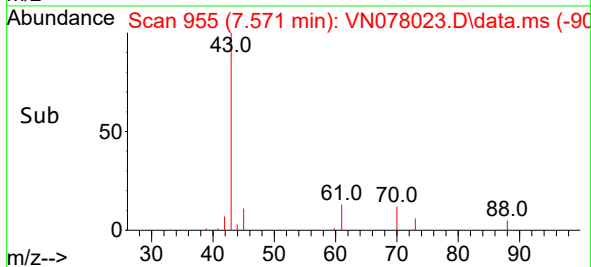
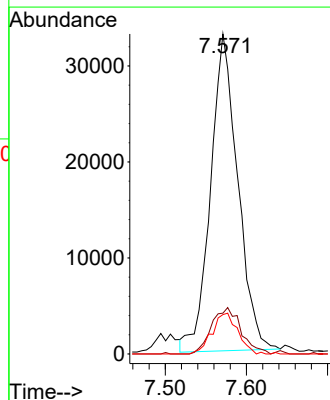
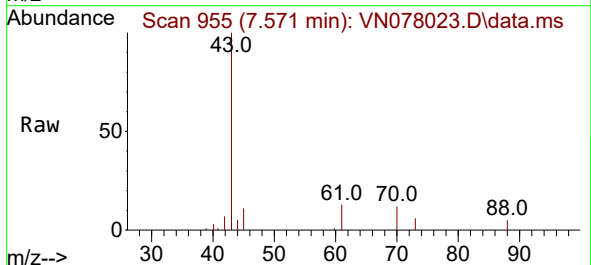
Instrument :
MSVOA_N
ClientSampleId :
PB153165TB

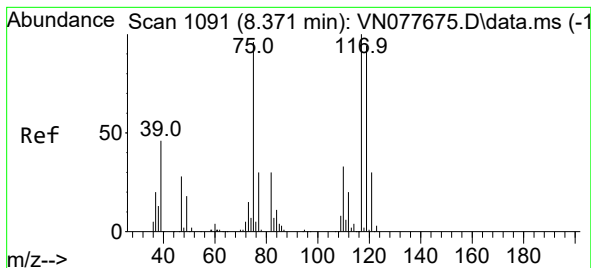
Tgt Ion: 75 Resp: 32766
Ion Ratio Lower Upper
75 100
110 9.9 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 12.340 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 43 Resp: 76989
Ion Ratio Lower Upper
43 100
61 15.8 13.2 19.8
70 12.2 11.3 16.9





#38

Carbon Tetrachloride

Concen: 6.124 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN078023.D

Acq: 02 Jun 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

PB153165TB

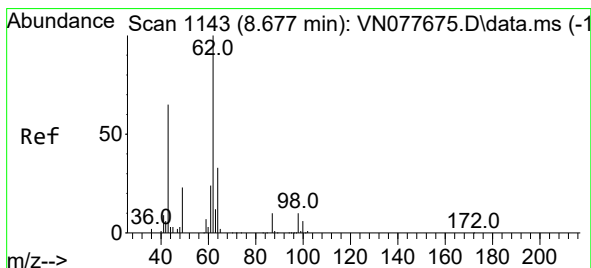
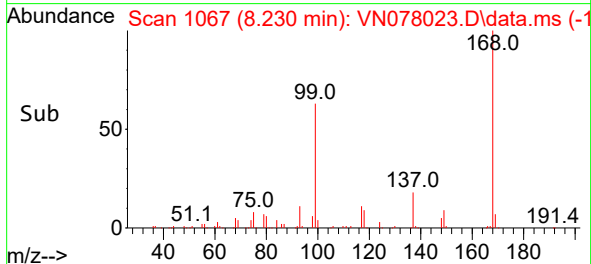
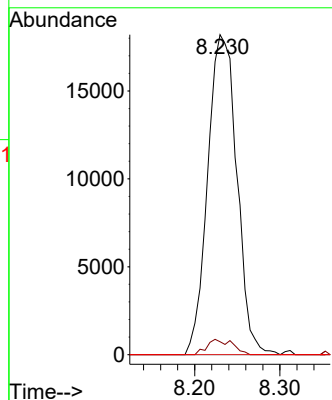
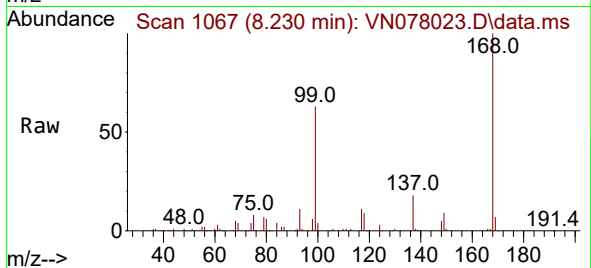
Tgt Ion:117 Resp: 43283

Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 23.3 34.9#



#42

1,2-Dichloroethane

Concen: 0.348 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.017 min

Lab File: VN078023.D

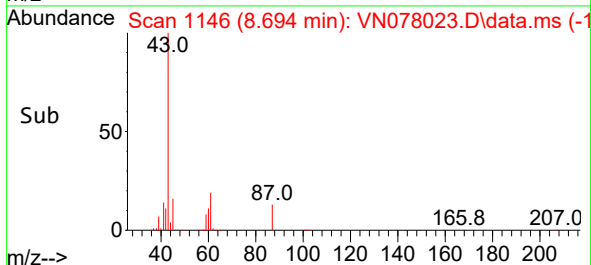
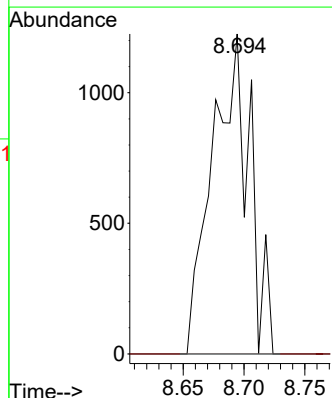
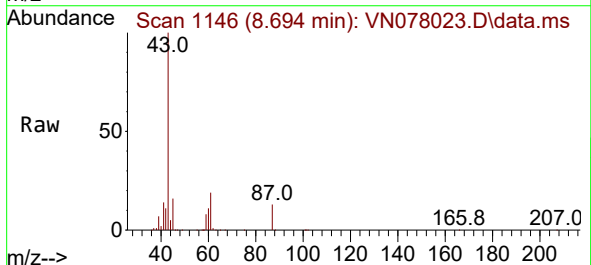
Acq: 02 Jun 2023 11:45

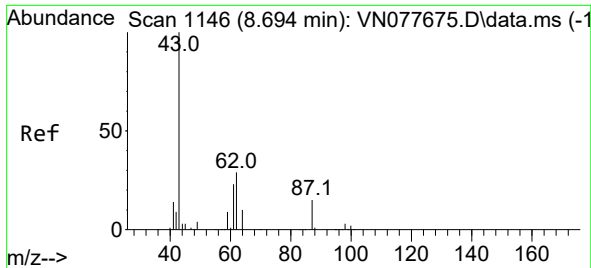
Tgt Ion: 62 Resp: 2608

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8

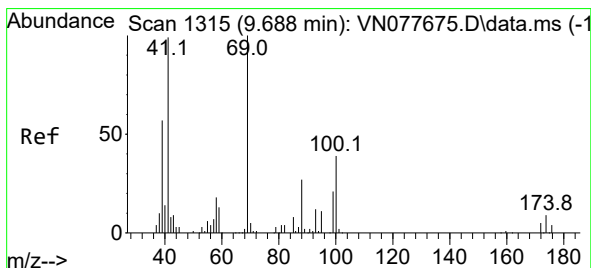
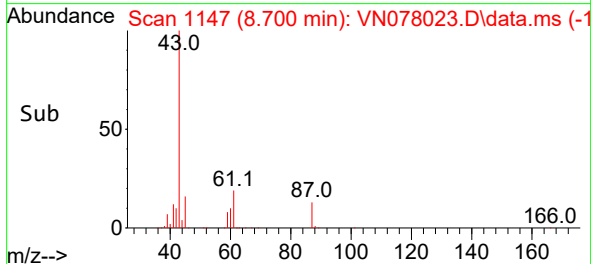
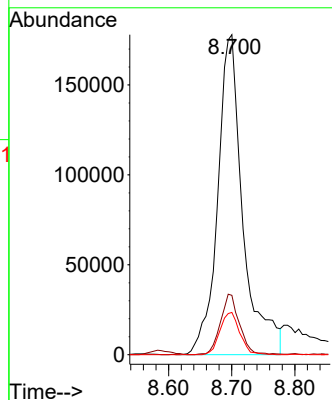
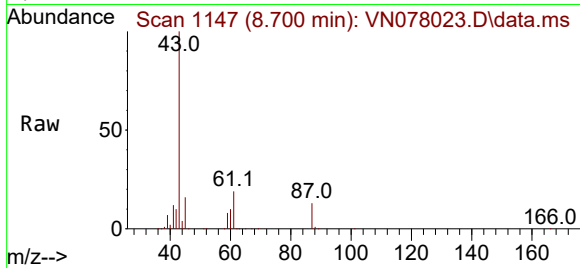




#43
Isopropyl Acetate
Concen: 48.555 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

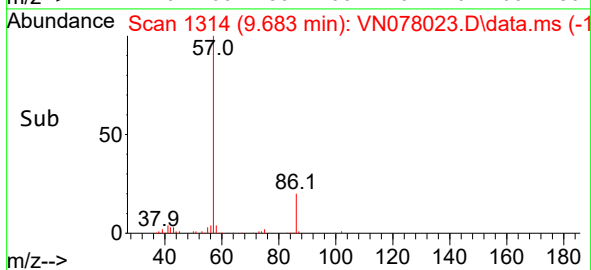
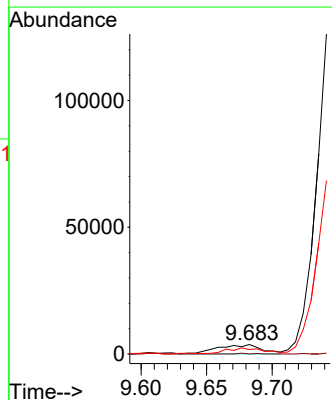
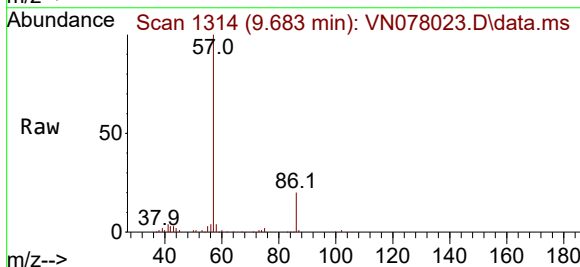
Instrument :
MSVOA_N
ClientSampleId :
PB153165TB

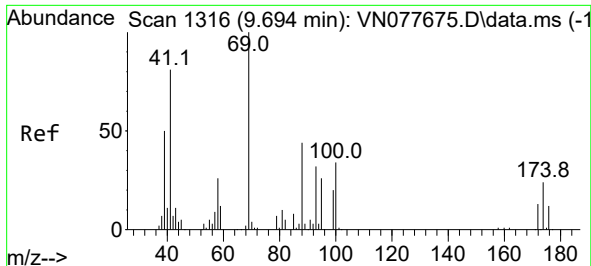
Tgt Ion: 43 Resp: 494805
Ion Ratio Lower Upper
43 100
61 14.3 24.7 37.1#
87 10.3 14.6 21.8#



#48
Methyl methacrylate
Concen: 1.793 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 41 Resp: 8662
Ion Ratio Lower Upper
41 100
69 2.0 90.4 135.6#
39 0.0 54.6 81.8#





#49

1,4-Dioxane

Concen: 1.041 ug/l

RT: 9.712 min Scan# 1316

Delta R.T. 0.018 min

Lab File: VN078023.D

Acq: 02 Jun 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

PB153165TB

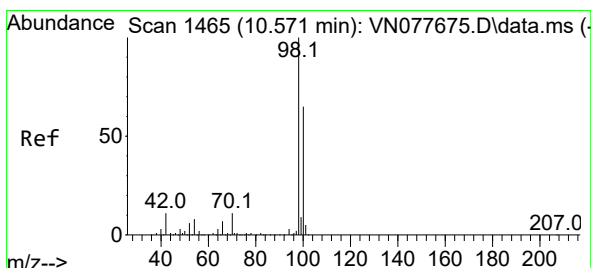
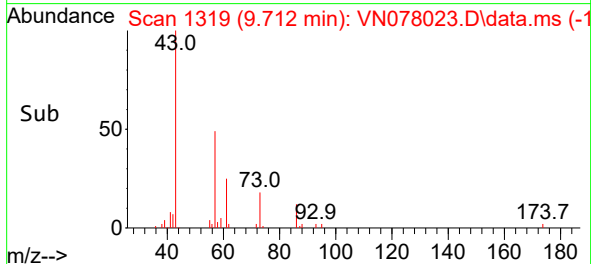
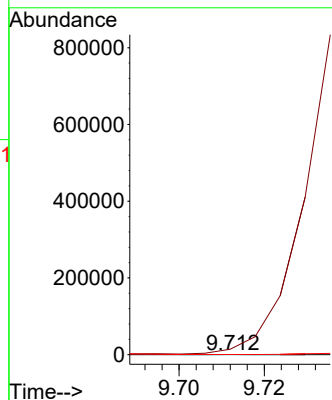
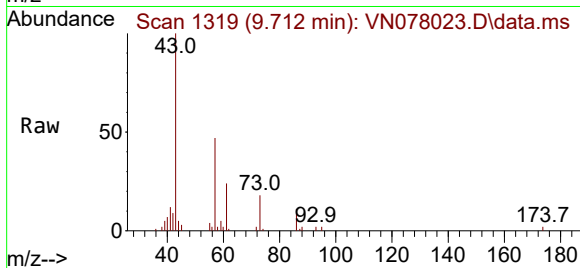
Tgt Ion: 88 Resp: 95

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 49.508 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078023.D

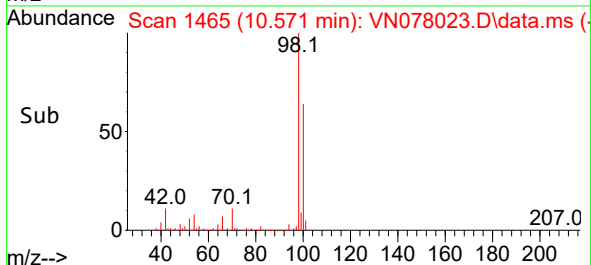
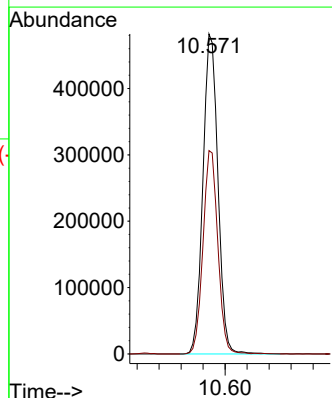
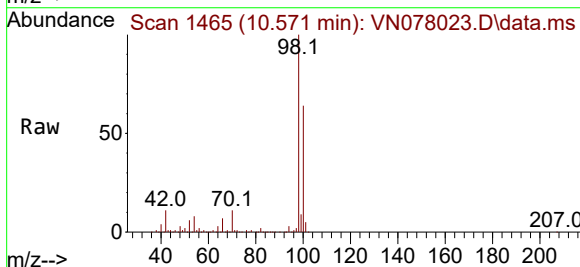
Acq: 02 Jun 2023 11:45

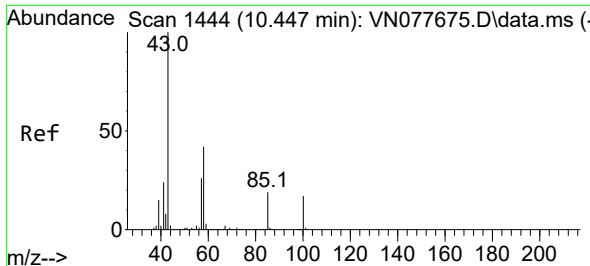
Tgt Ion: 98 Resp: 911958

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0

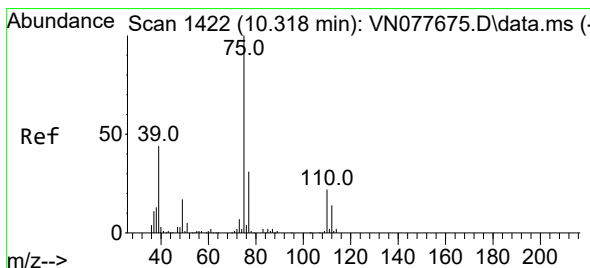
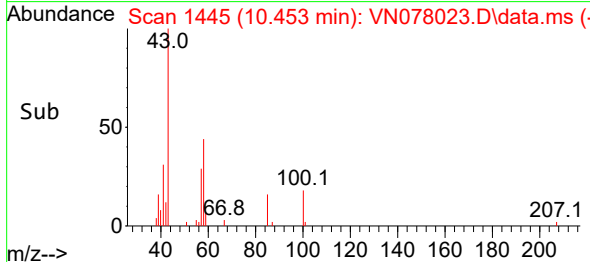
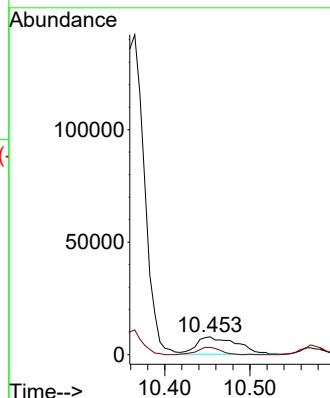
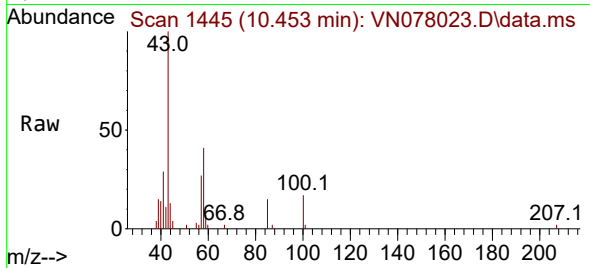




#51
4-Methyl-2-Pentanone
Concen: 4.178 ug/l
RT: 10.453 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

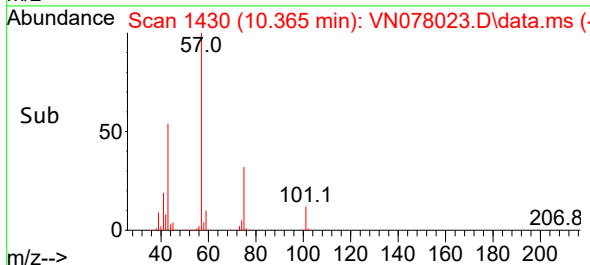
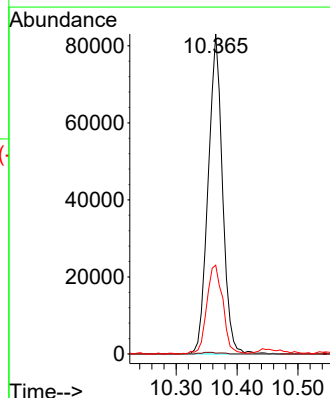
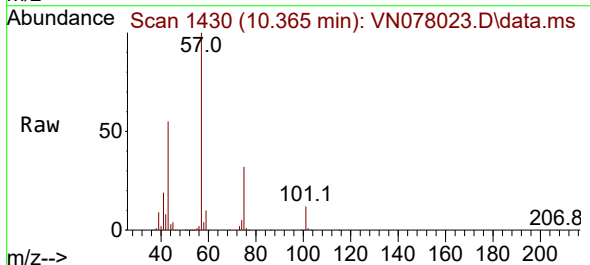
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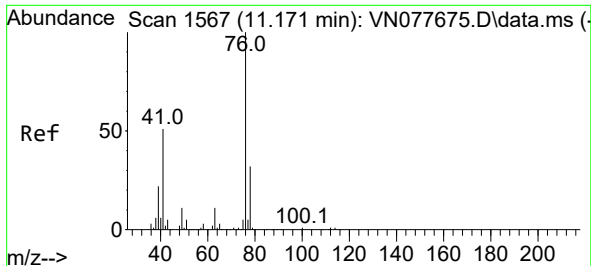
Tgt Ion: 43 Resp: 25309
Ion Ratio Lower Upper
43 100
58 24.9 36.6 54.8#



#54
cis-1,3-Dichloropropene
Concen: 16.138 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 75 Resp: 135934
Ion Ratio Lower Upper
75 100
77 0.3 26.1 39.1#
39 27.8 31.6 47.4#





#57

1,3-Dichloropropane

Concen: 1.880 ug/l

RT: 11.212 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN078023.D

Acq: 02 Jun 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

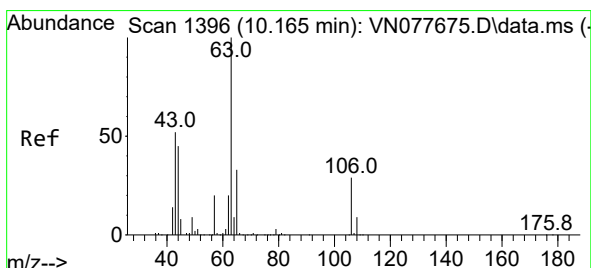
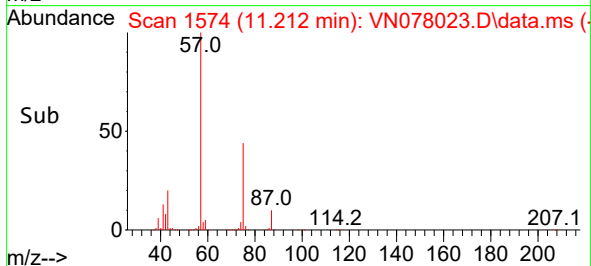
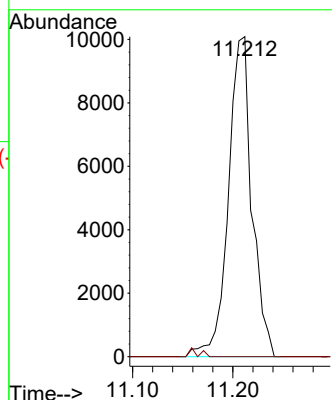
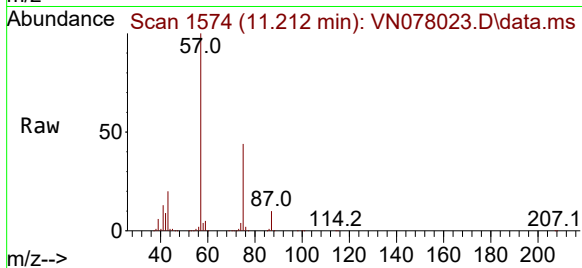
PB153165TB

Tgt Ion: 76 Resp: 16454

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.338 ug/l

RT: 10.177 min Scan# 1398

Delta R.T. 0.012 min

Lab File: VN078023.D

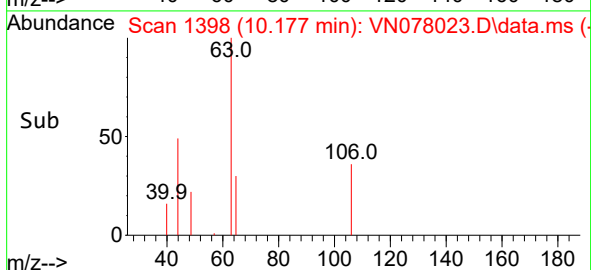
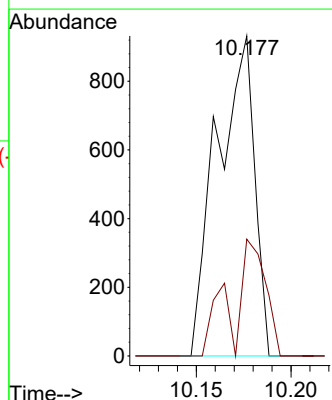
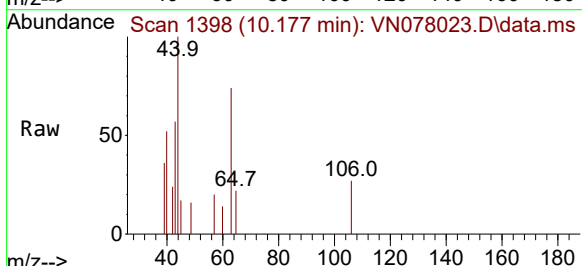
Acq: 02 Jun 2023 11:45

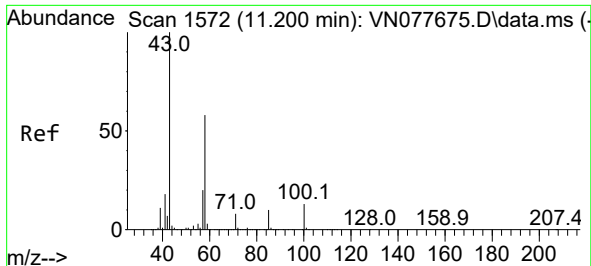
Tgt Ion: 63 Resp: 1283

Ion Ratio Lower Upper

63 100

106 32.7 26.2 39.4

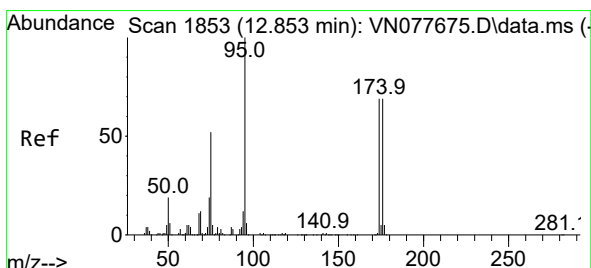
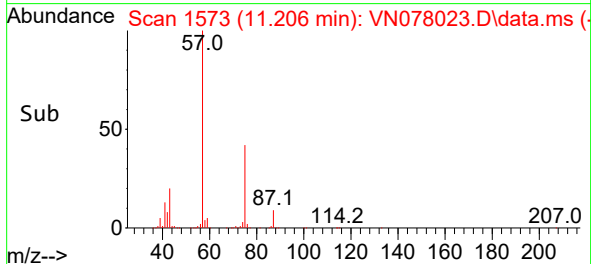
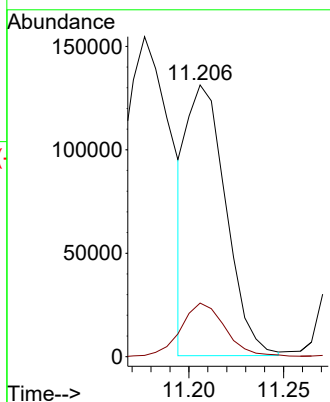
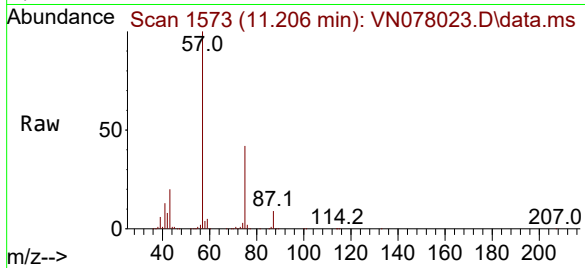




#59
2-Hexanone
Concen: 41.983 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

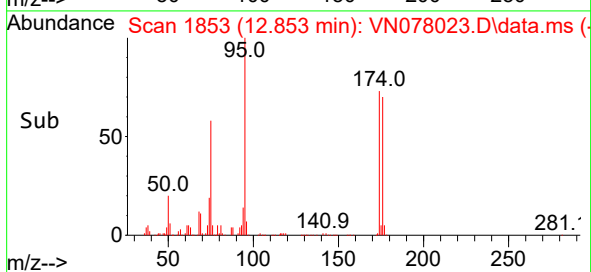
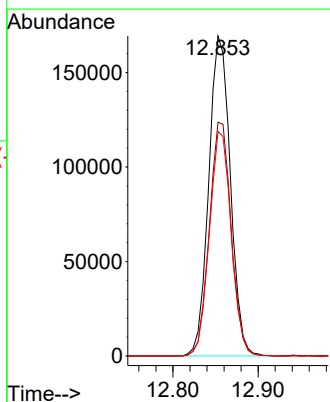
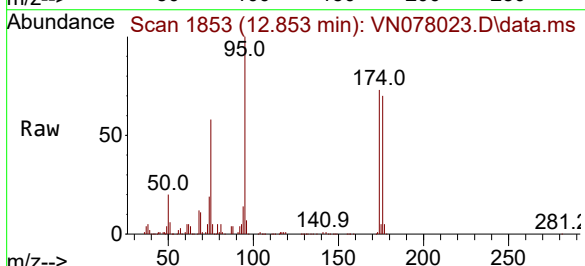
Instrument :
MSVOA_N
ClientSampleId :
PB153165TB

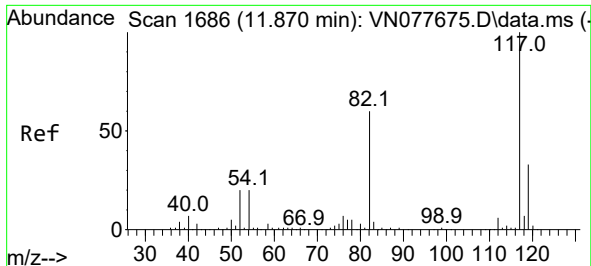
Tgt Ion: 43 Resp: 188101
Ion Ratio Lower Upper
43 100
58 22.7 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 45.822 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 95 Resp: 298105
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 70.6 0.0 135.8

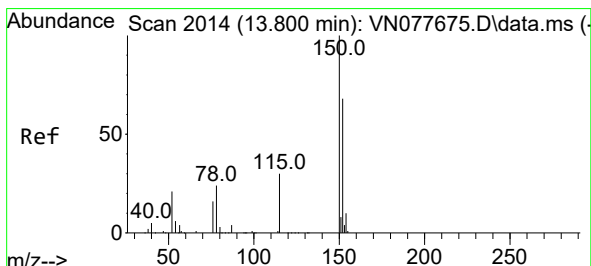
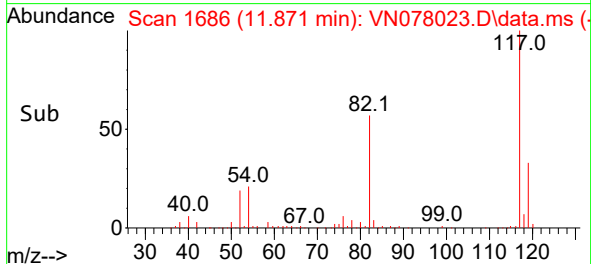
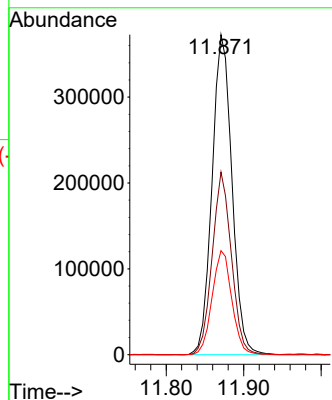
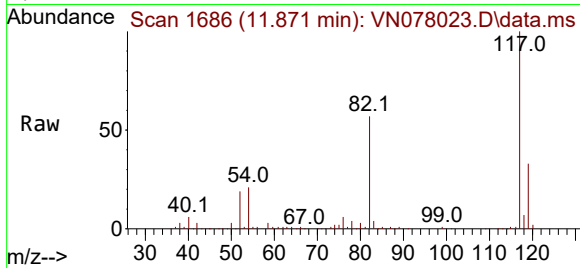




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

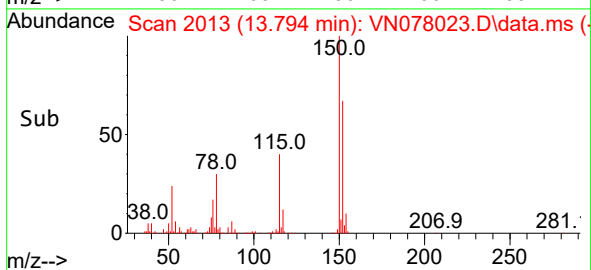
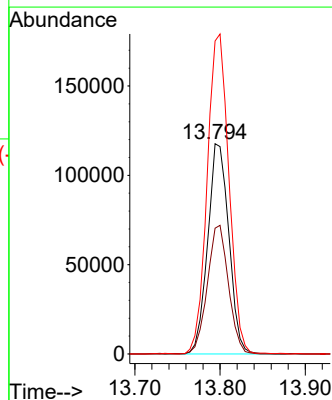
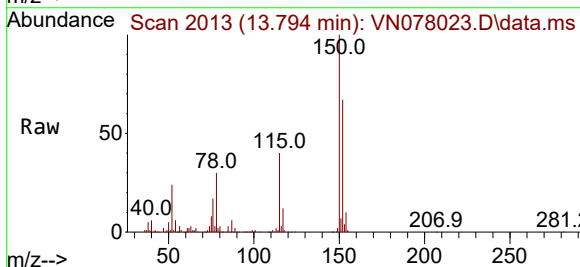
Instrument :
MSVOA_N
ClientSampleId :
PB153165TB

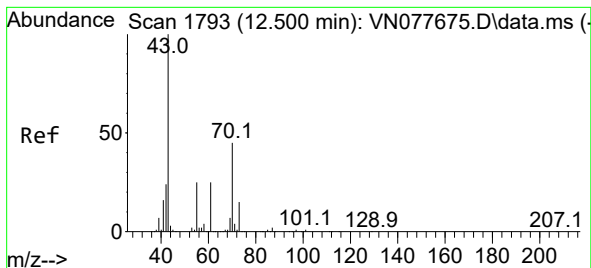
Tgt Ion:117 Resp: 665443
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion:152 Resp: 202726
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 156.4 0.0 355.8





#74

N-amy1 acetate

Concen: 0.665 ug/l

RT: 12.500 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078023.D

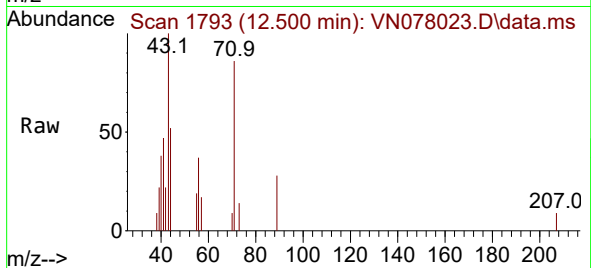
Acq: 02 Jun 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

PB153165TB



Tgt Ion: 43 Resp: 4294

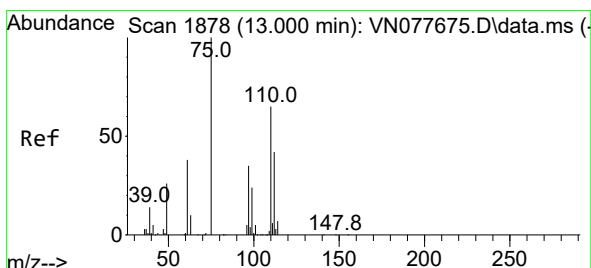
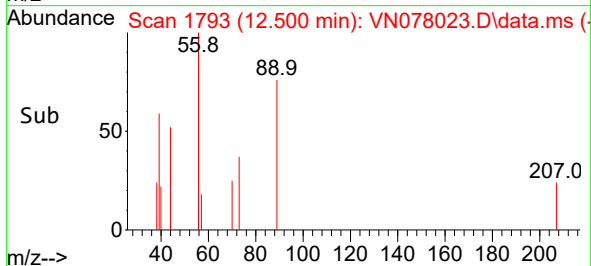
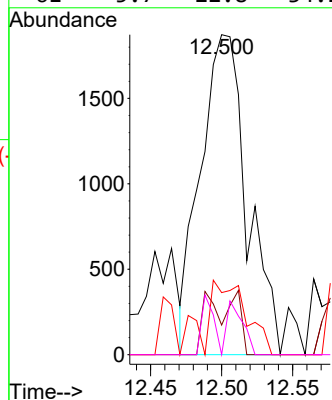
Ion Ratio Lower Upper

43 100

70 6.9 43.4 65.2#

55 17.2 21.4 32.0#

61 5.7 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 32.088 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078023.D

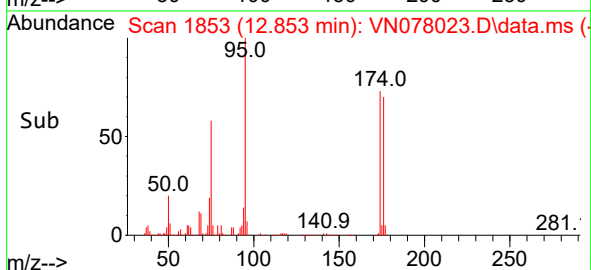
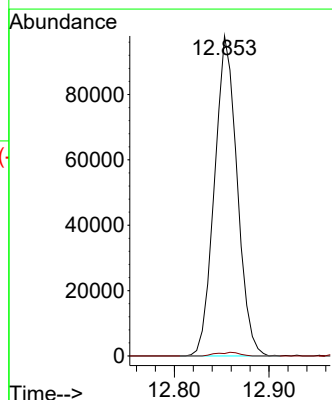
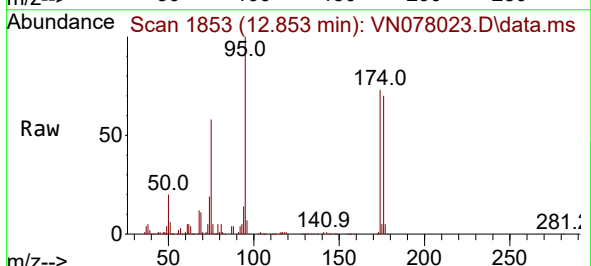
Acq: 02 Jun 2023 11:45

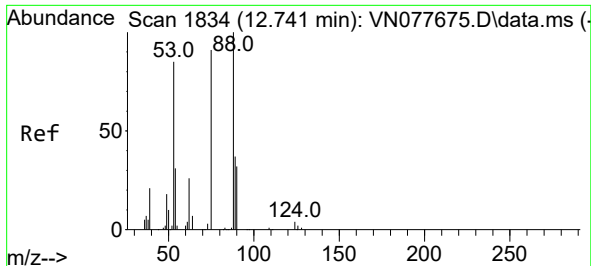
Tgt Ion: 75 Resp: 162909

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#

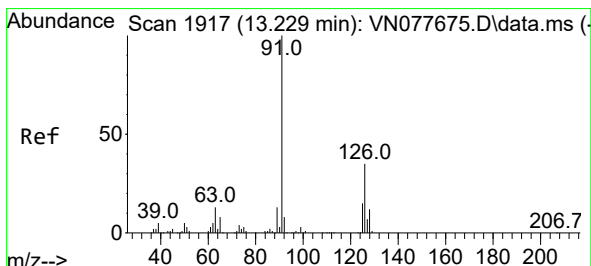
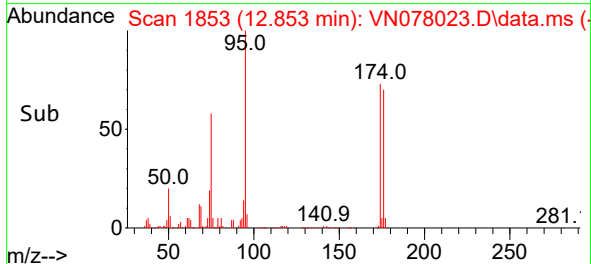
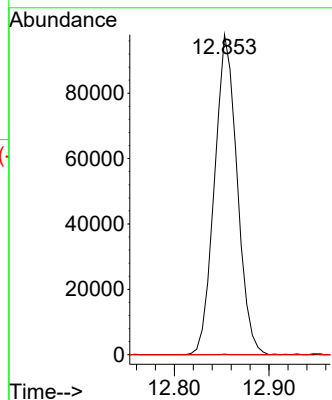
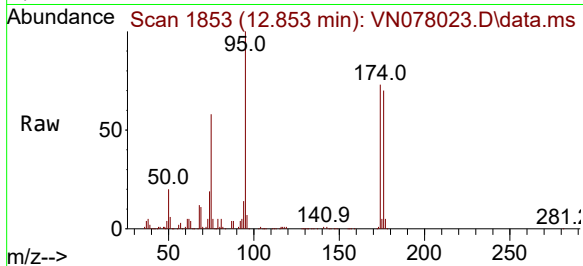




#81
trans-1,4-Dichloro-2-butene
Concen: 102.569 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

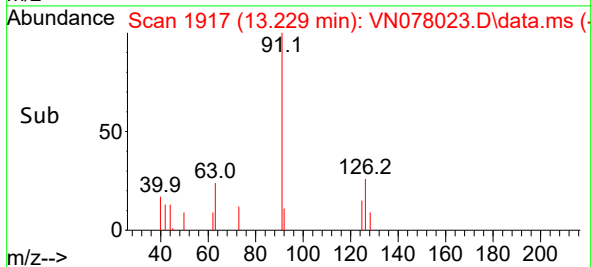
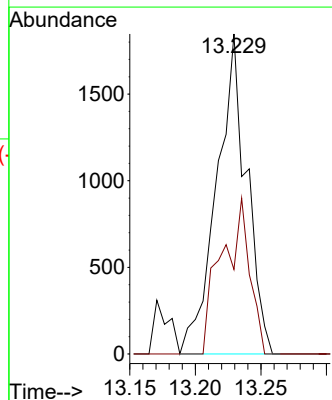
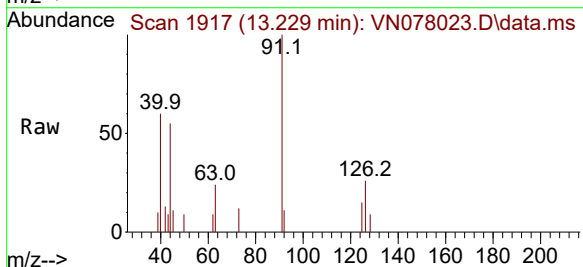
Instrument :
MSVOA_N
ClientSampleId :
PB153165TB

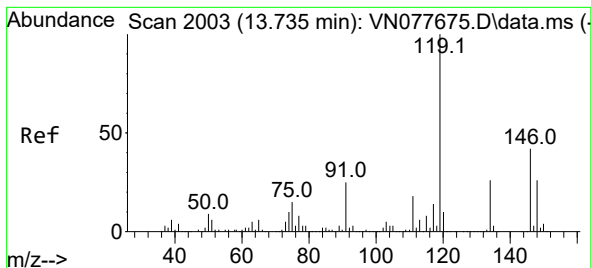
Tgt Ion: 75 Resp: 162909
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.239 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 91 Resp: 2928
Ion Ratio Lower Upper
91 100
126 45.7 16.7 50.0

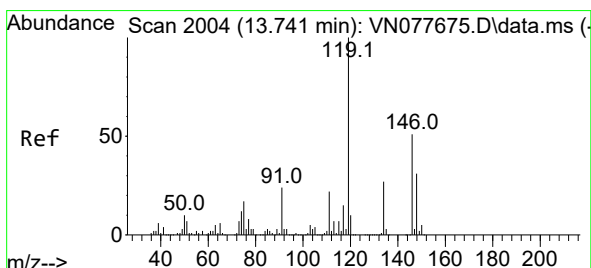
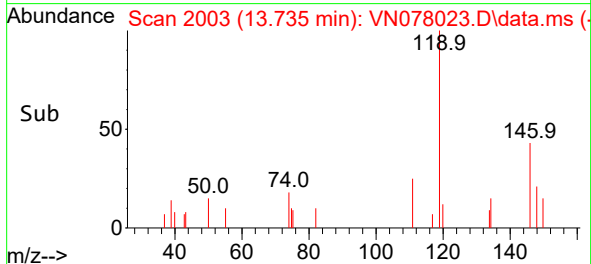
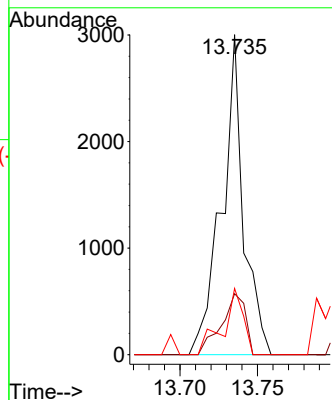
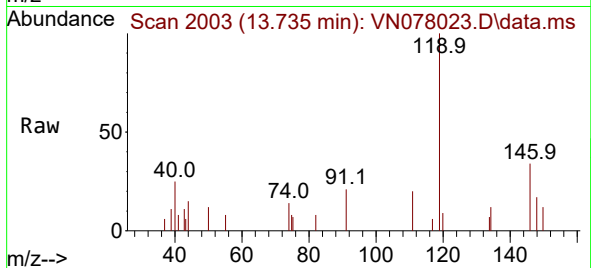




#86
p-Isopropyltoluene
Concen: 0.201 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

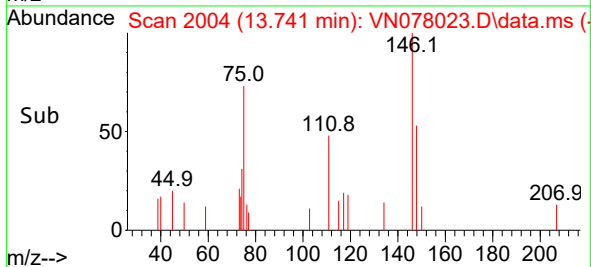
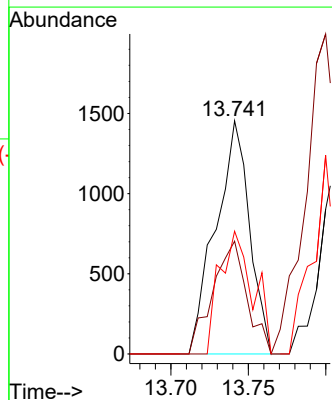
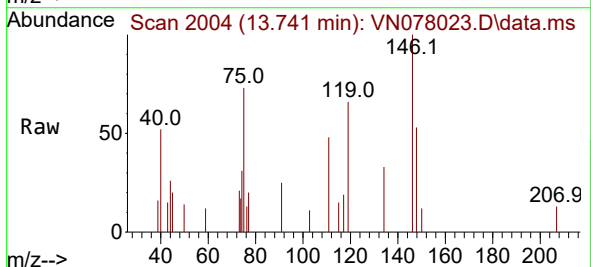
Instrument :
MSVOA_N
ClientSampleId :
PB153165TB

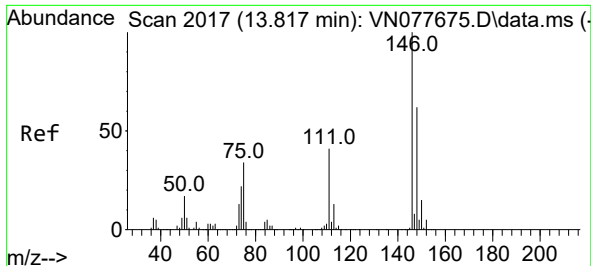
Tgt Ion:119 Resp: 2924
Ion Ratio Lower Upper
119 100
134 21.1 12.6 37.8
91 19.3 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.299 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion:146 Resp: 2207
Ion Ratio Lower Upper
146 100
111 48.8 22.1 66.3
148 51.4 32.0 96.0

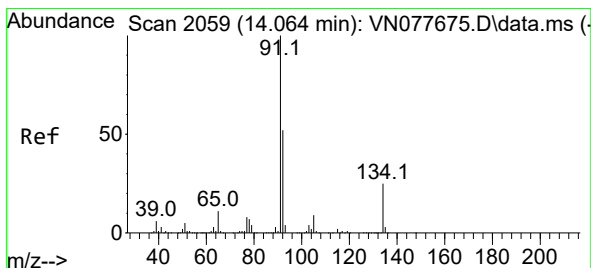
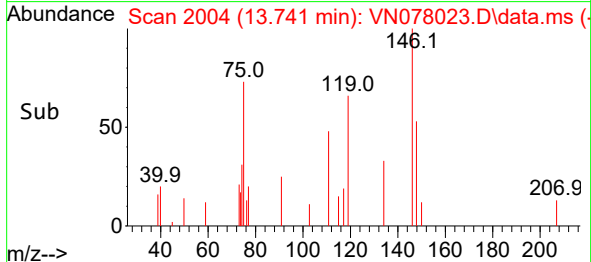
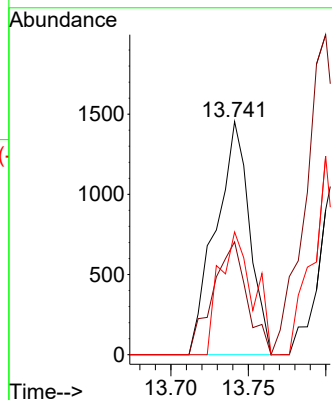
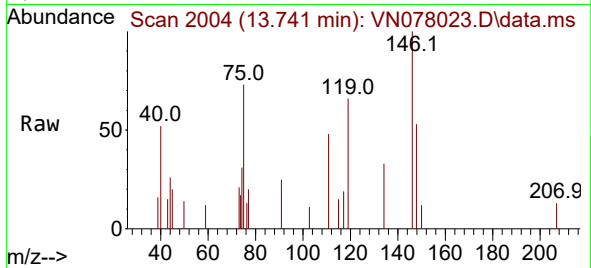




#88
1,4-Dichlorobenzene
Concen: 0.302 ug/l
RT: 13.741 min Scan# 2017
Delta R.T. -0.076 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

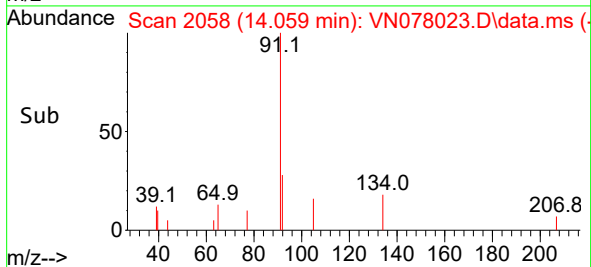
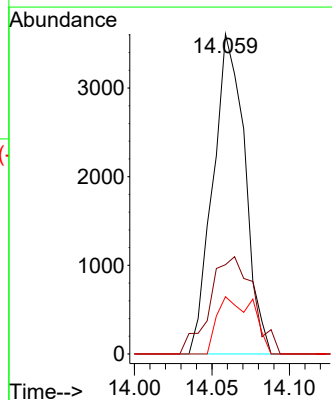
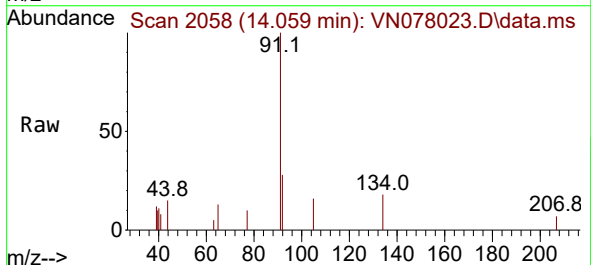
Instrument :
MSVOA_N
ClientSampleId :
PB153165TB

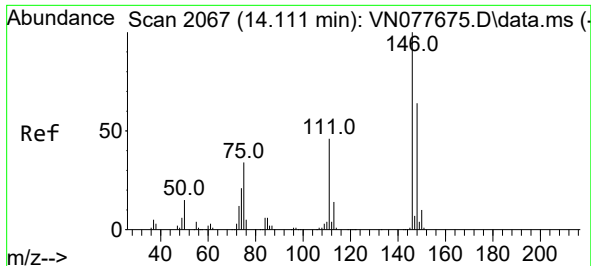
Tgt Ion:146 Resp: 2207
Ion Ratio Lower Upper
146 100
111 48.8 20.6 61.8
148 51.4 31.6 94.8



#89
n-Butylbenzene
Concen: 0.385 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.005 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 91 Resp: 5146
Ion Ratio Lower Upper
91 100
92 41.5 26.4 79.0
134 20.3 12.6 37.6

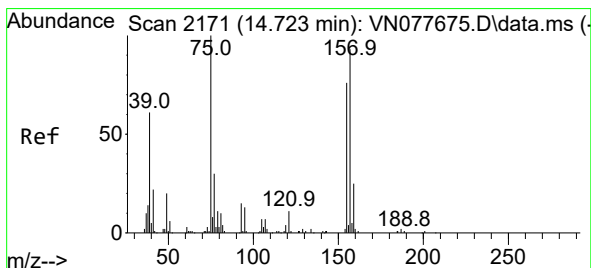
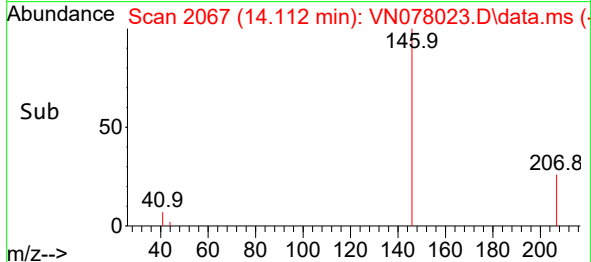
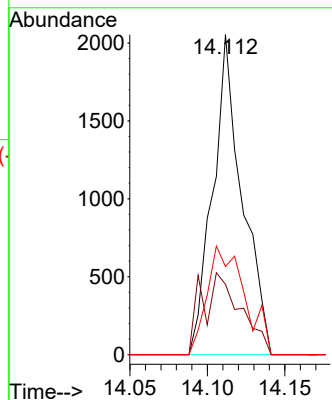
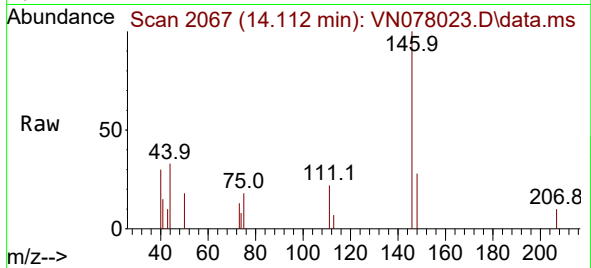




#91
1,2-Dichlorobenzene
Concen: 0.392 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

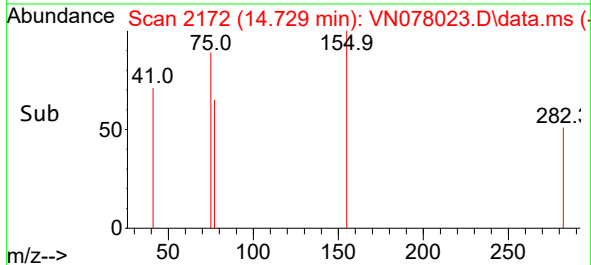
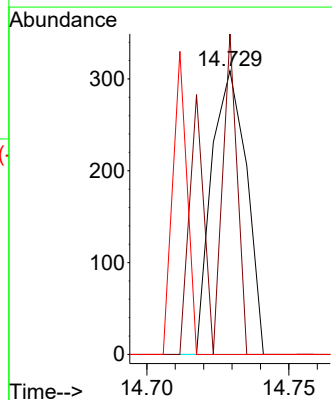
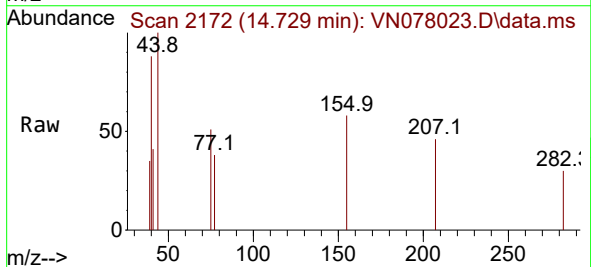
Instrument :
MSVOA_N
ClientSampleId :
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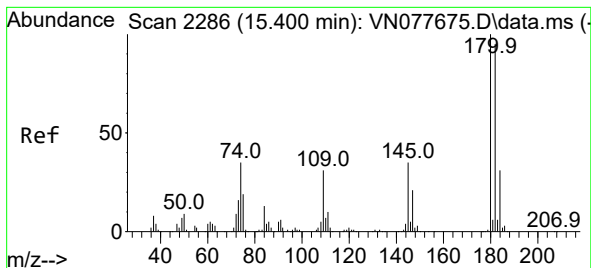
Tgt Ion:146 Resp: 2701
Ion Ratio Lower Upper
146 100
111 33.7 22.0 66.0
148 43.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.253 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078023.D
Acq: 02 Jun 2023 11:45

Tgt Ion: 75 Resp: 263
Ion Ratio Lower Upper
75 100
155 38.0 39.1 117.2#
157 44.1 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.504 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078023.D

Acq: 02 Jun 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

PB153165TB

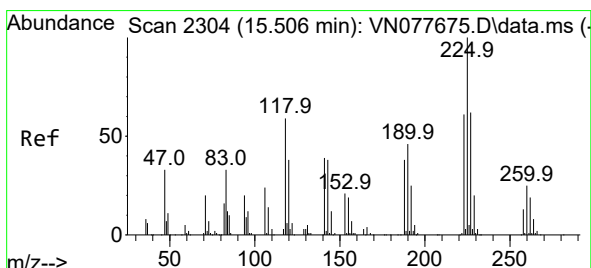
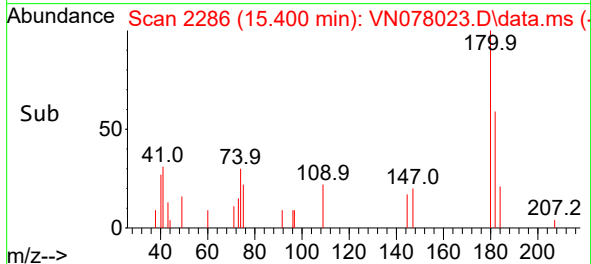
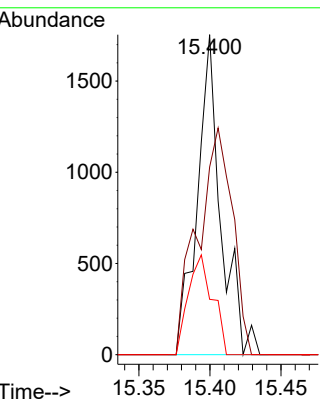
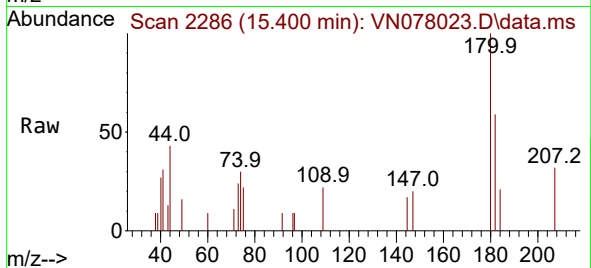
Tgt Ion:180 Resp: 2029

Ion Ratio Lower Upper

180 100

182 104.0 46.1 138.2

145 32.0 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.745 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN078023.D

Acq: 02 Jun 2023 11:45

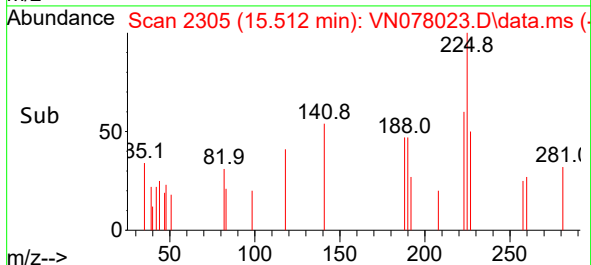
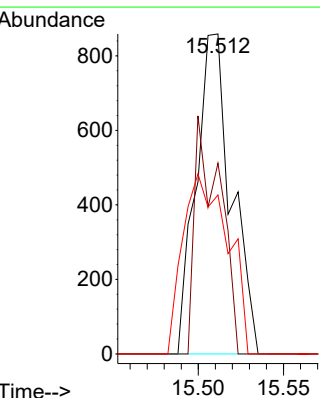
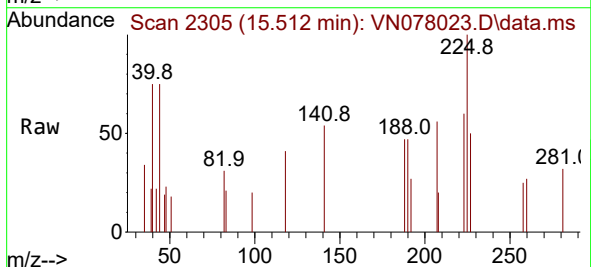
Tgt Ion:225 Resp: 1245

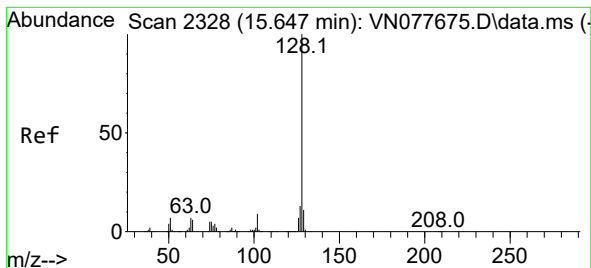
Ion Ratio Lower Upper

225 100

223 53.2 31.3 93.8

227 71.2 31.9 95.9





#95

Naphthalene

Concen: 0.533 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078023.D

Acq: 02 Jun 2023 11:45

Instrument :

MSVOA_N

ClientSampleId :

PB153165TB

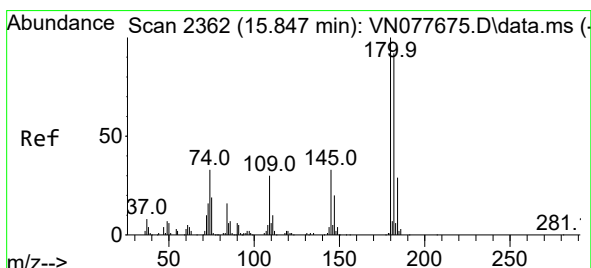
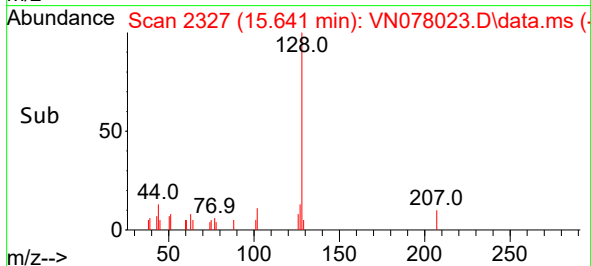
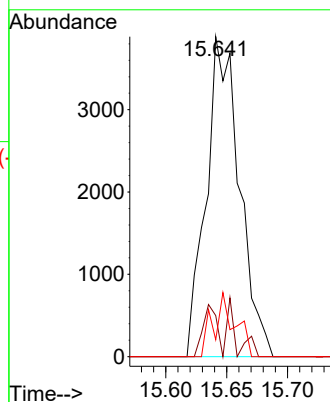
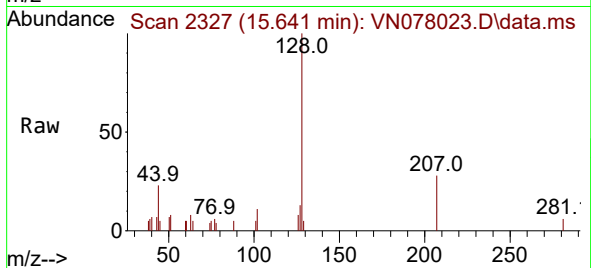
Tgt Ion:128 Resp: 7383

Ion Ratio Lower Upper

128 100

127 6.8 10.0 15.0#

129 12.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.670 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078023.D

Acq: 02 Jun 2023 11:45

Tgt Ion:180 Resp: 2642

Ion Ratio Lower Upper

180 100

182 115.7 46.2 138.6

145 34.0 17.5 52.6

