

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078897.D
 Acq On : 16 Aug 2023 12:52
 Operator : JC\MD
 Sample : PB154855TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855TB

Quant Time: Aug 17 01:14:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	163119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	303749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	129828	51.148	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.300%	
35) Dibromofluoromethane	8.171	113	108763	52.784	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.560%	
50) Toluene-d8	10.571	98	412020	53.853	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.853	95	125075	50.015	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1469	0.465	ug/l	96
5) Bromomethane	2.965	94	453	0.285	ug/l	92
11) Tert butyl alcohol	5.553	59	697	1.636	ug/l #	72
13) Acrolein	4.189	56	107	7.217	ug/l #	41
16) Acetone	4.436	43	83605	79.827	ug/l #	85
17) Carbon Disulfide	4.718	76	996	0.203	ug/l #	75
18) Methyl Acetate	5.036	43	1339	0.303	ug/l #	50
20) Methylene Chloride	5.289	84	16588	7.432	ug/l #	86
25) 2-Butanone	7.494	43	41559	24.750	ug/l #	80
29) Tetrahydrofuran	7.847	42	383	0.345	ug/l #	30
31) Cyclohexane	8.218	56	4292	Below Cal	#	64
36) 1,1-Dichloropropene	8.230	75	15235	4.915	ug/l #	48
37) Ethyl Acetate	7.571	43	42855	12.357	ug/l #	89
38) Carbon Tetrachloride	8.235	117	18394	5.923	ug/l #	17
42) 1,2-Dichloroethane	8.688	62	1415	0.413	ug/l #	73
43) Isopropyl Acetate	8.694	43	175678	28.661	ug/l #	78
48) Methyl methacrylate	9.665	41	6105	2.198	ug/l #	3
49) 1,4-Dioxane	9.706	88	107	2.262	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	142177	39.108	ug/l #	82
54) cis-1,3-Dichloropropene	10.365	75	53734	13.926	ug/l #	74
56) Ethyl methacrylate	10.988	69	1482	0.424	ug/l #	1
57) 1,3-Dichloropropane	11.212	76	6867	1.702	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.182	63	783	0.467	ug/l #	42
59) 2-Hexanone	11.176	43	161480	61.325	ug/l #	19
71) Bromoform	12.847	173	911	0.513	ug/l #	1
74) N-amyl acetate	12.465	43	3900	0.995	ug/l #	40
76) 1,2,3-Trichloropropane	12.853	75	68822	30.673	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68822	78.355	ug/l #	15
88) 1,4-Dichlorobenzene	13.823	146	1114	0.347	ug/l #	25
89) n-Butylbenzene	14.064	91	1597	0.341	ug/l	76
93) 1,2,4-Trichlorobenzene	15.406	180	415	0.367	ug/l #	80
94) Hexachlorobutadiene	15.500	225	356	0.341	ug/l	74
95) Naphthalene	15.653	128	2613	3.152	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.841	180	801	0.646	ug/l #	81

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Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

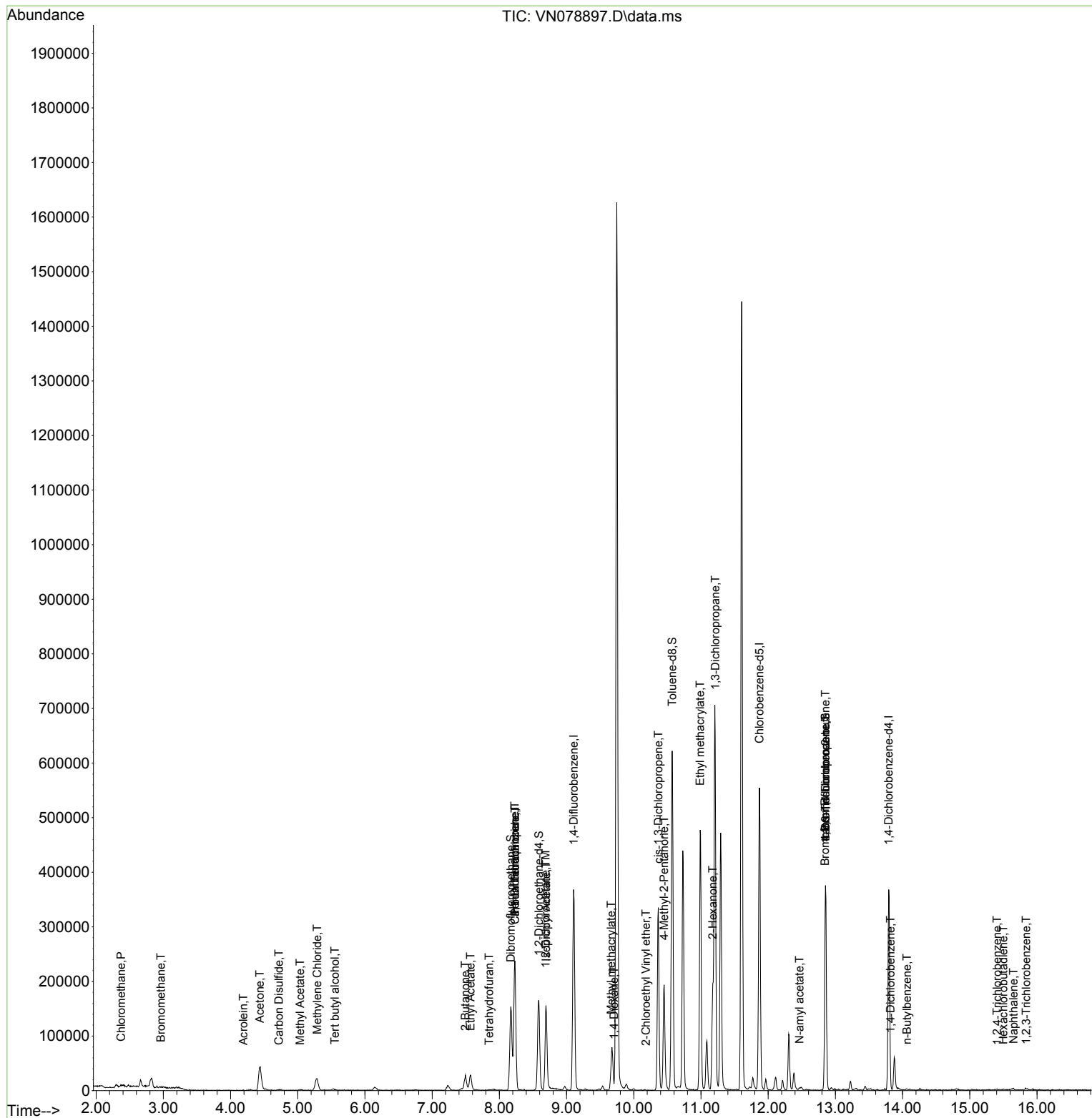
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

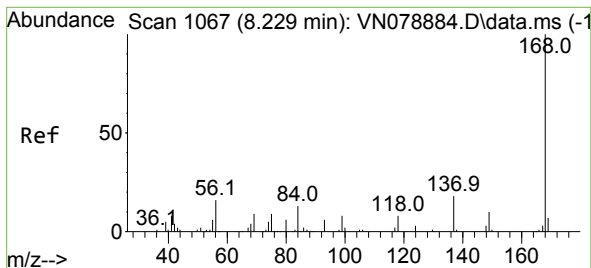
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

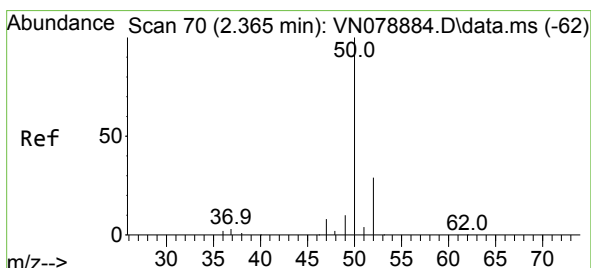
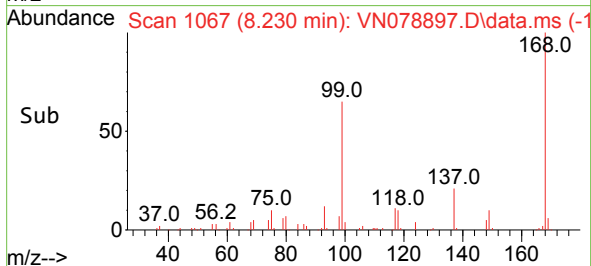
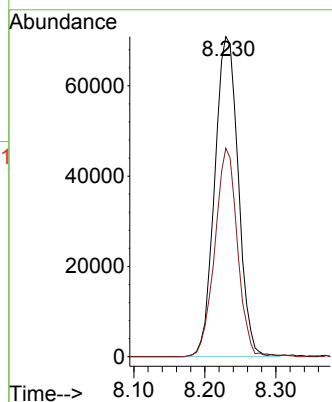
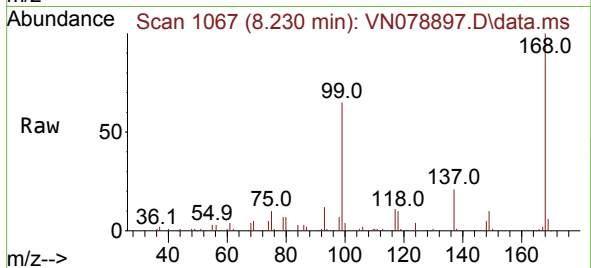
PB154855TB

Tgt Ion:168 Resp: 163119

Ion Ratio Lower Upper

168 100

99 65.1 53.0 79.6



#3

Chloromethane

Concen: 0.465 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078897.D

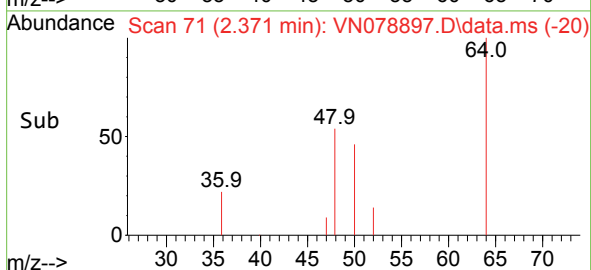
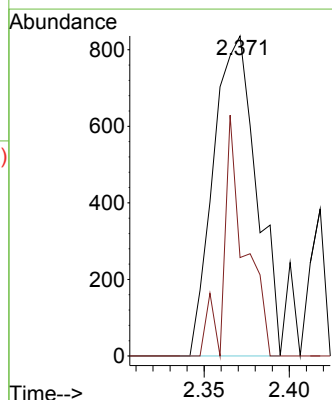
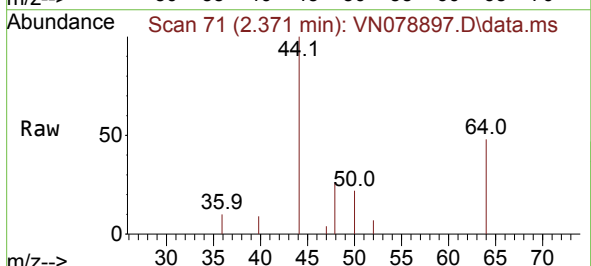
Acq: 16 Aug 2023 12:52

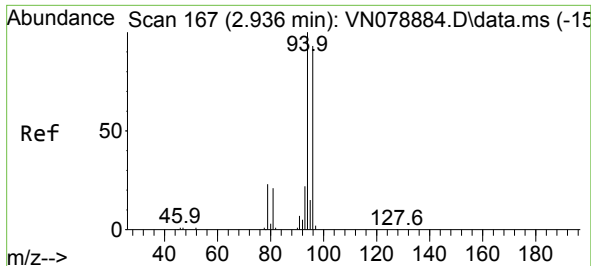
Tgt Ion: 50 Resp: 1469

Ion Ratio Lower Upper

50 100

52 30.7 26.5 39.7

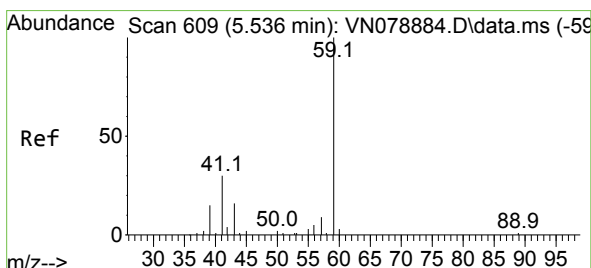
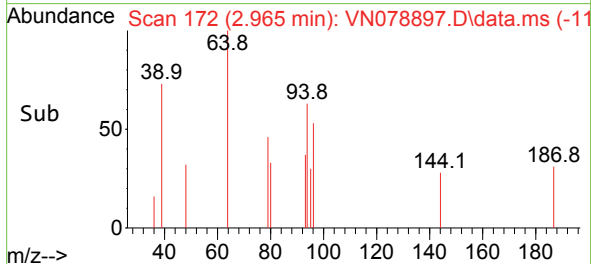
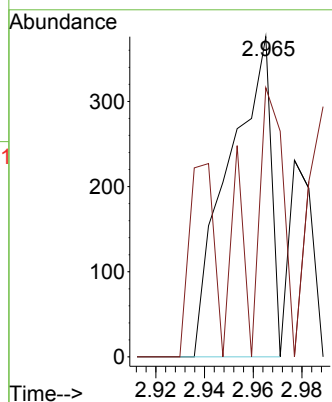
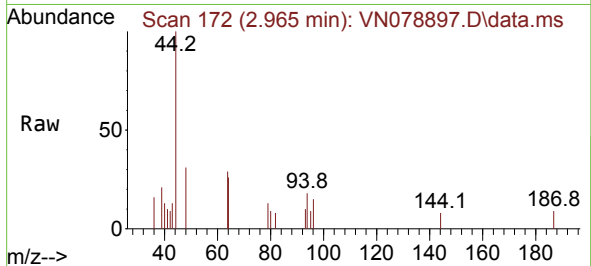




#5
Bromomethane
Concen: 0.285 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

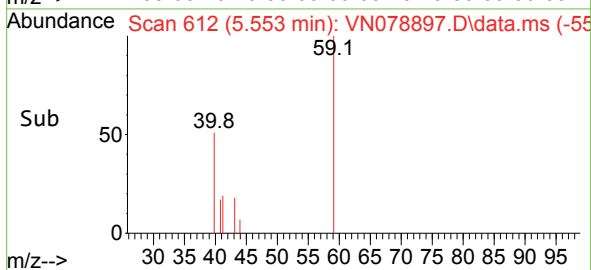
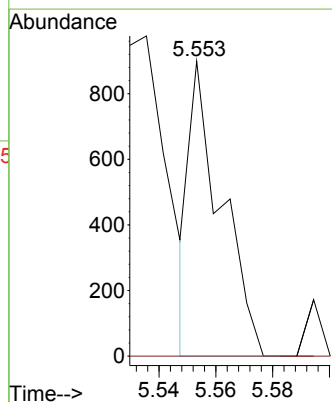
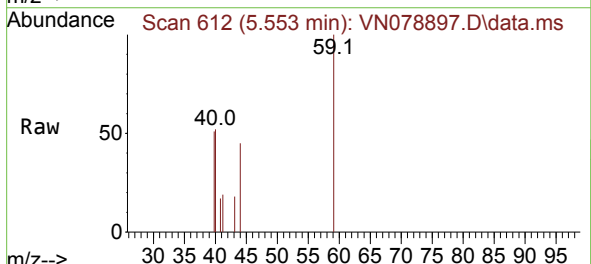
Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

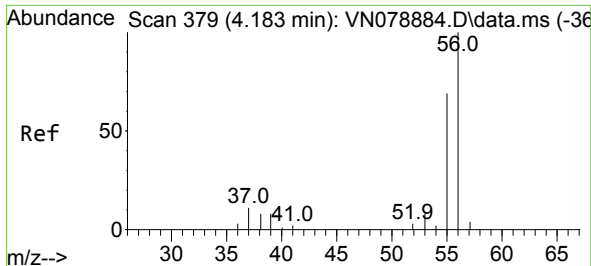
Tgt Ion: 94 Resp: 453
Ion Ratio Lower Upper
94 100
96 84.0 73.1 109.7



#11
Tert butyl alcohol
Concen: 1.636 ug/l
RT: 5.553 min Scan# 612
Delta R.T. 0.011 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 59 Resp: 697
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

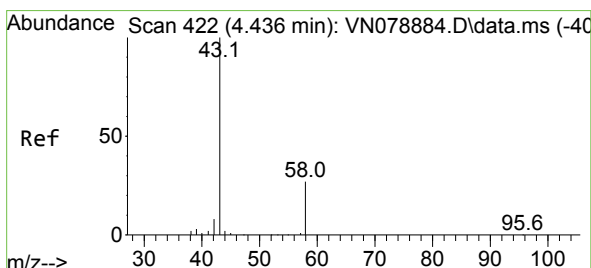
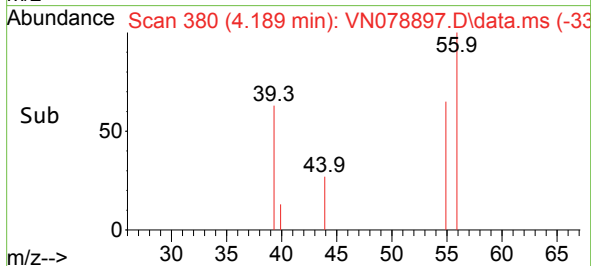
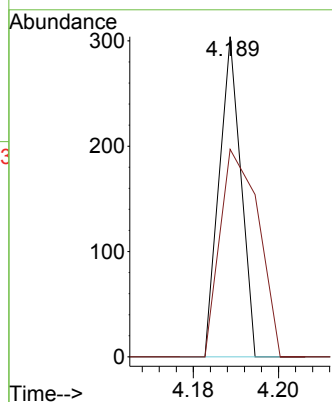
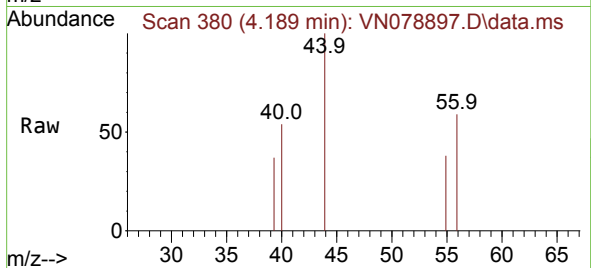




#13
Acrolein
Concen: 7.217 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

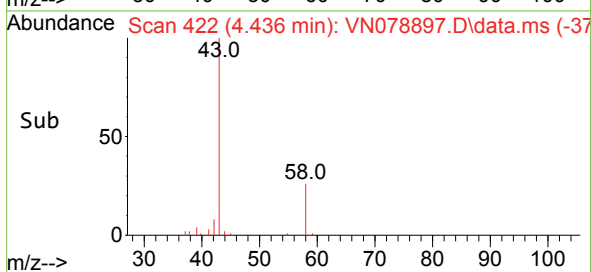
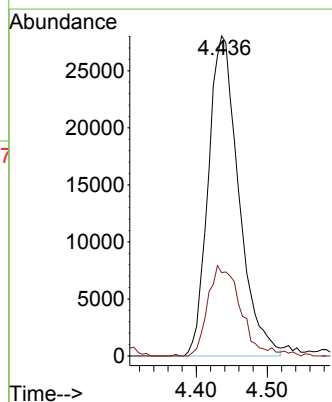
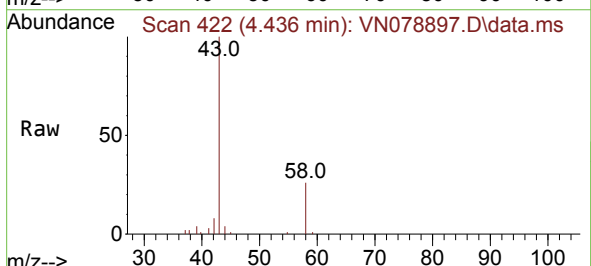
Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

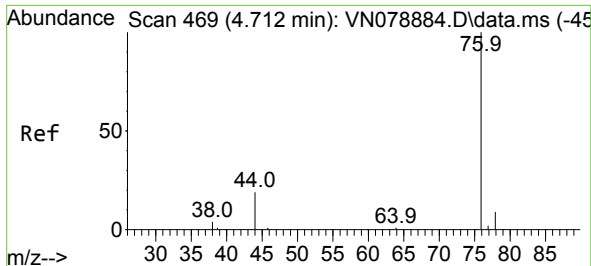
Tgt Ion: 56 Resp: 107
Ion Ratio Lower Upper
56 100
55 115.9 54.5 81.7#



#16
Acetone
Concen: 79.827 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 43 Resp: 83605
Ion Ratio Lower Upper
43 100
58 26.1 28.0 42.0#

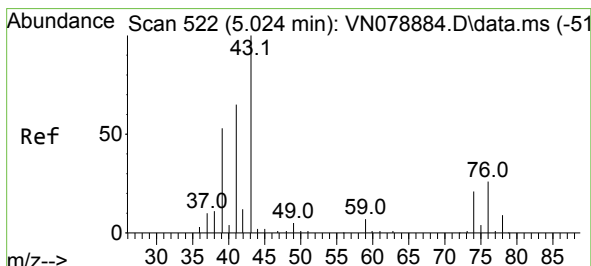
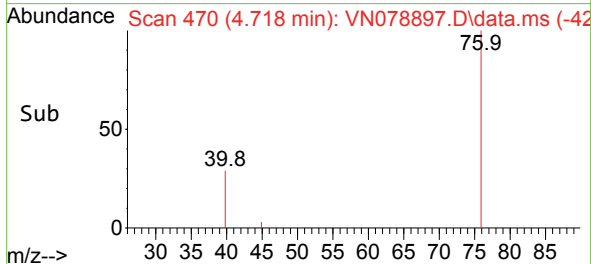
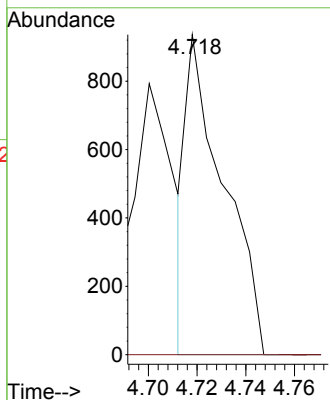
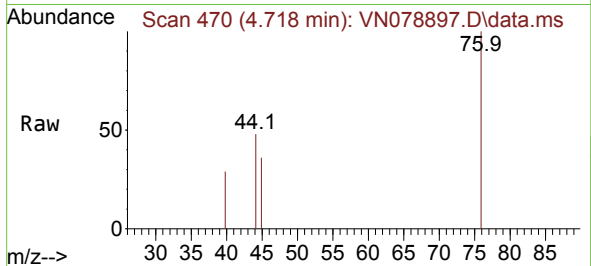




#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

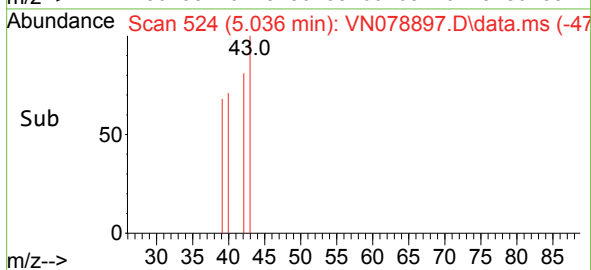
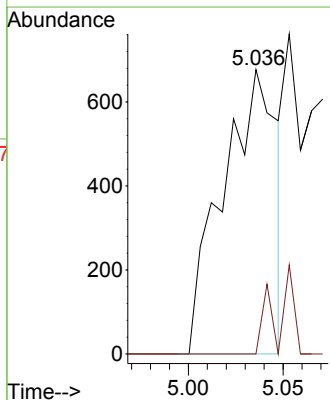
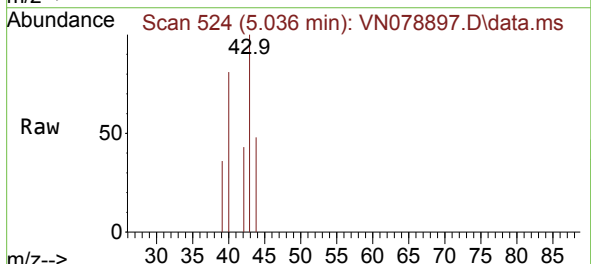
Instrument :
MSVOA_N
ClientSampleId :
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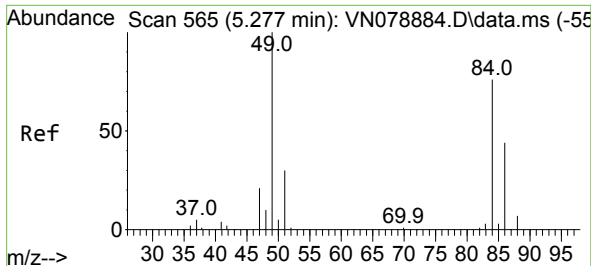
Tgt Ion: 76 Resp: 996
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.303 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
74 4.4 26.2 39.4#

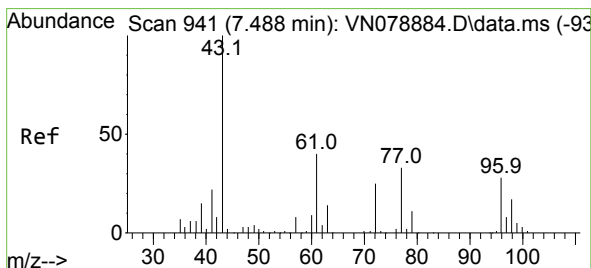
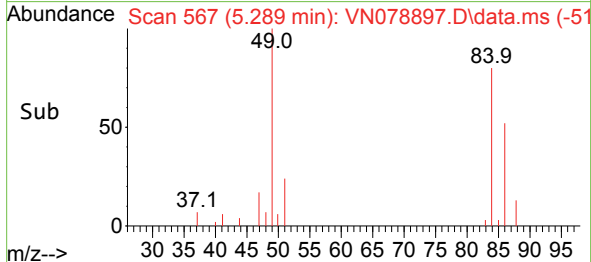
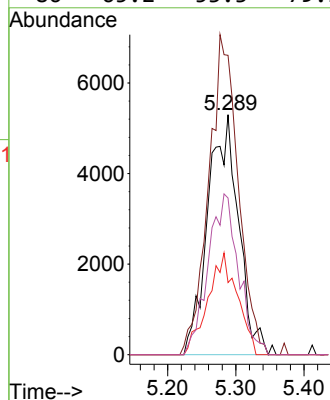
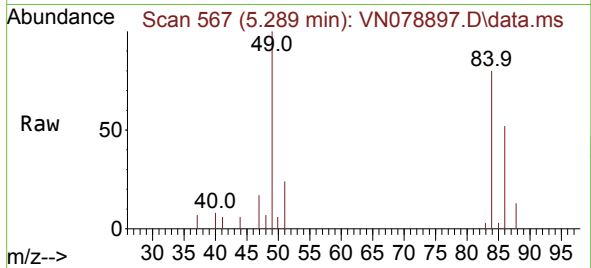




#20
Methylene Chloride
Concen: 7.432 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

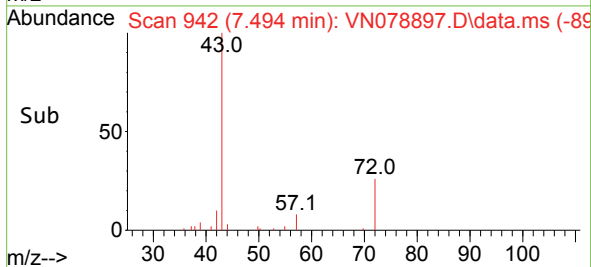
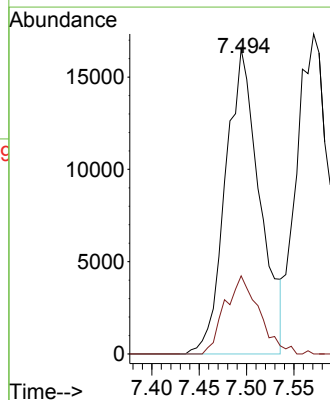
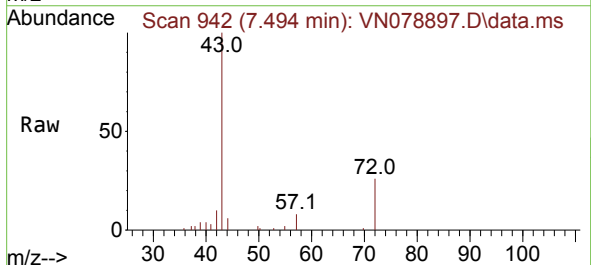
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ClientSampleId :
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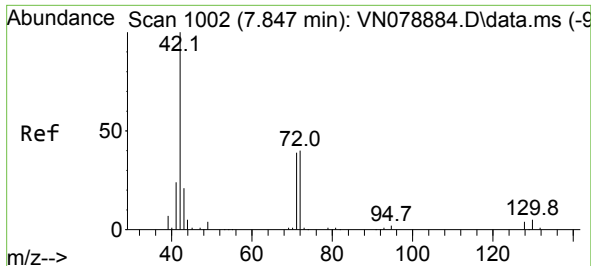
Tgt Ion: 84	Resp: 16588
Ion Ratio	Lower Upper
84 100	
49 124.8	79.7 119.5#
51 30.1	25.2 37.8
86 65.2	53.3 79.9



#25
2-Butanone
Concen: 24.750 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

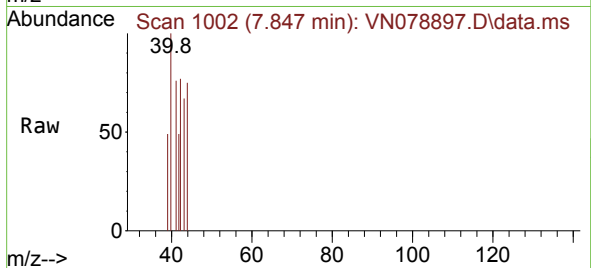
Tgt Ion: 43	Resp: 41559
Ion Ratio	Lower Upper
43 100	
72 25.6	30.2 45.2#



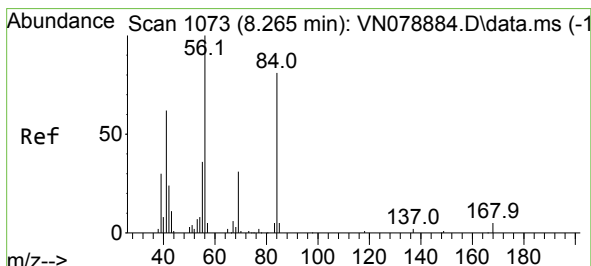
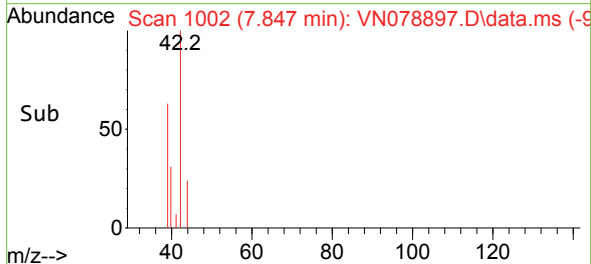
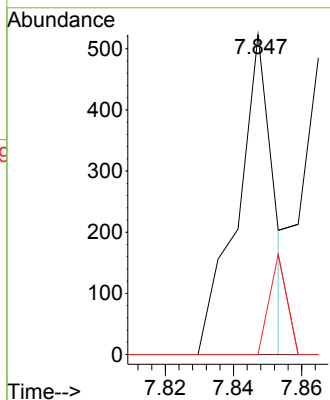


#29
Tetrahydrofuran
Concen: 0.345 ug/l
RT: 7.847 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Instrument :
MSVOA_N
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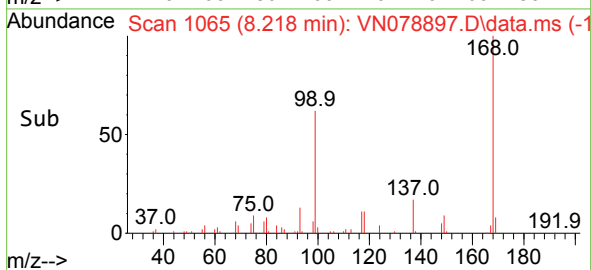
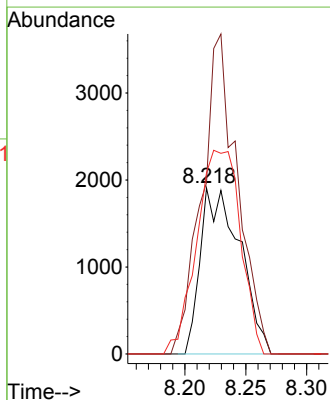
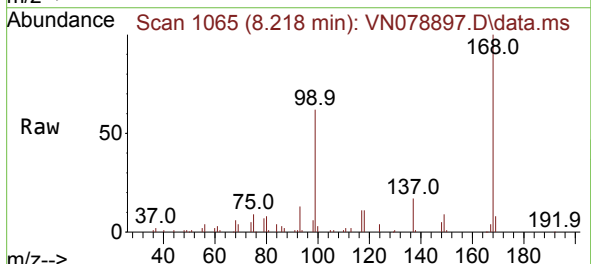


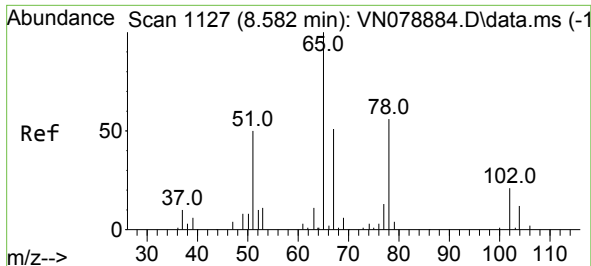
Tgt Ion: 42 Resp: 383
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 15.1 47.4 71.2#



#31
Cyclohexane
Concen: Below Cal
RT: 8.218 min Scan# 1065
Delta R.T. -0.047 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 56 Resp: 4292
Ion Ratio Lower Upper
56 100
69 103.3 26.8 40.2#
84 109.2 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 51.148 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

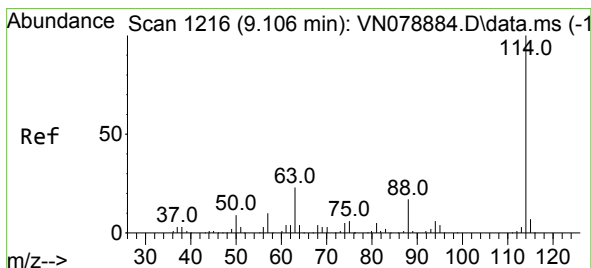
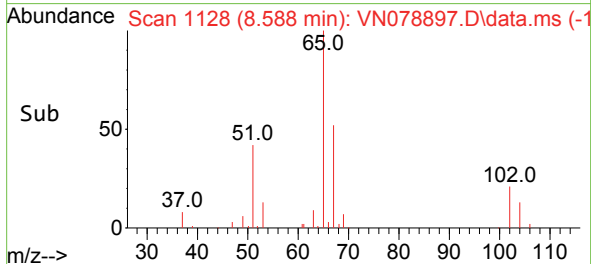
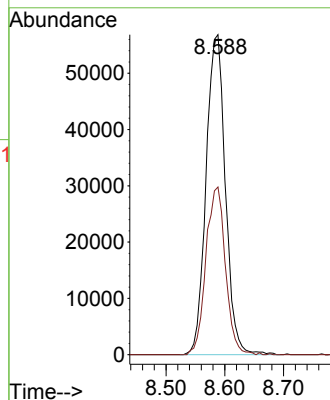
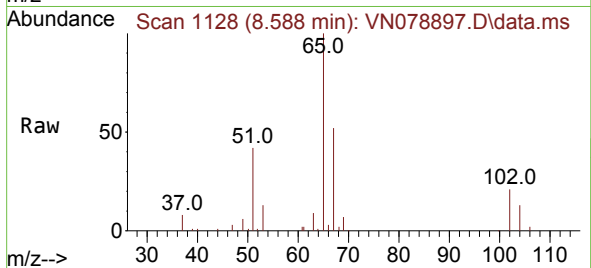
PB154855TB

Tgt Ion: 65 Resp: 129828

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

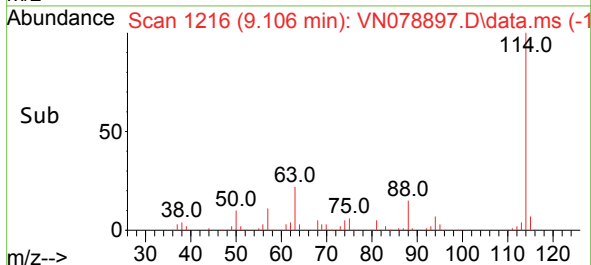
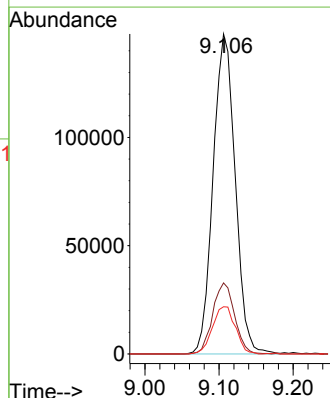
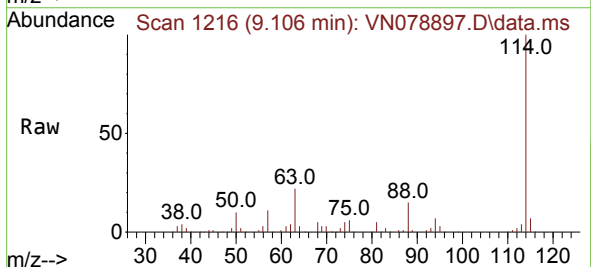
Tgt Ion: 114 Resp: 306102

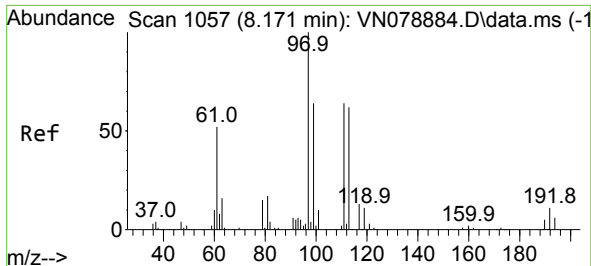
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.784 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

PB154855TB

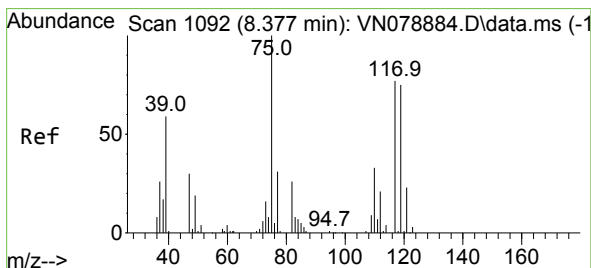
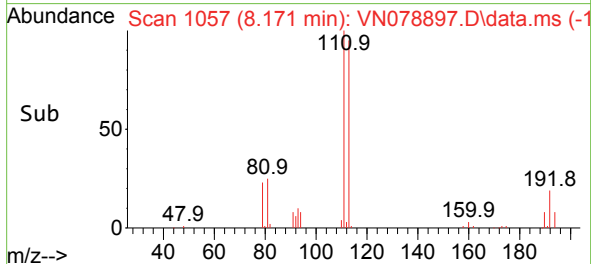
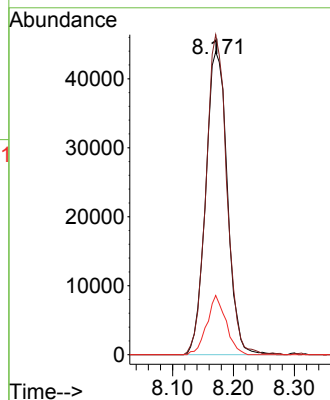
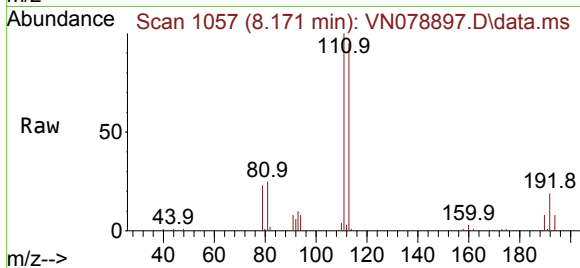
Tgt Ion:113 Resp: 108763

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

192 17.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.915 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

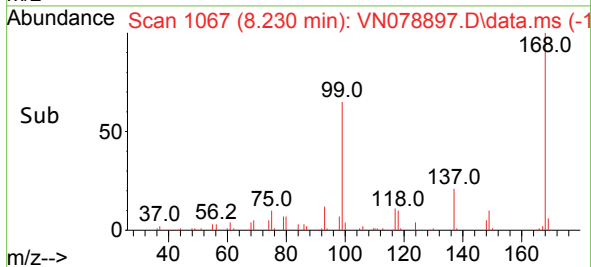
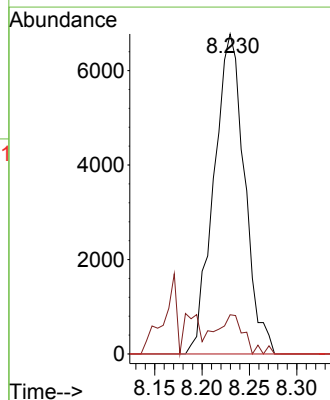
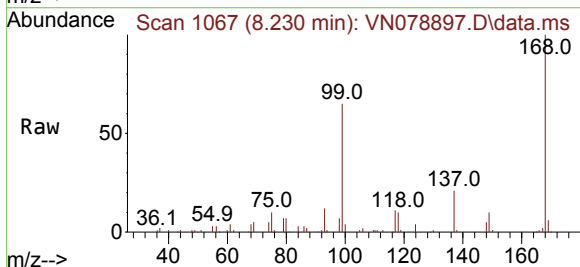
Tgt Ion: 75 Resp: 15235

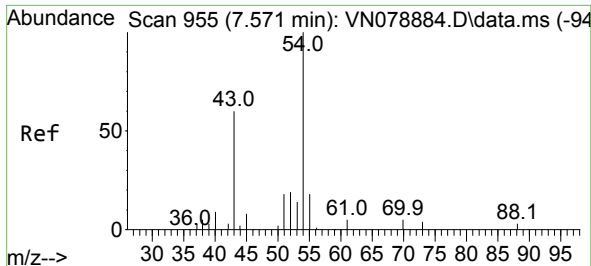
Ion Ratio Lower Upper

75 100

110 9.3 19.1 57.3#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 12.357 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

PB154855TB

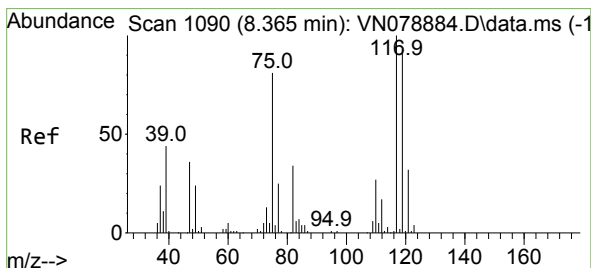
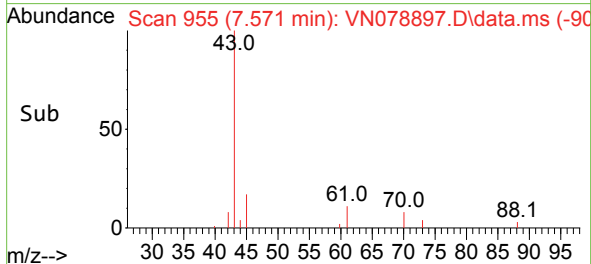
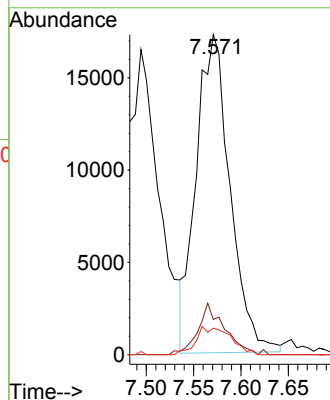
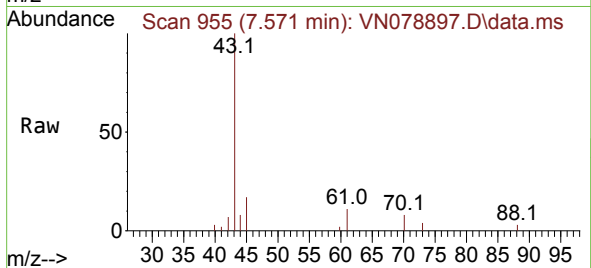
Tgt Ion: 43 Resp: 42855

Ion Ratio Lower Upper

43 100

61 12.7 13.2 19.8#

70 9.0 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.923 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

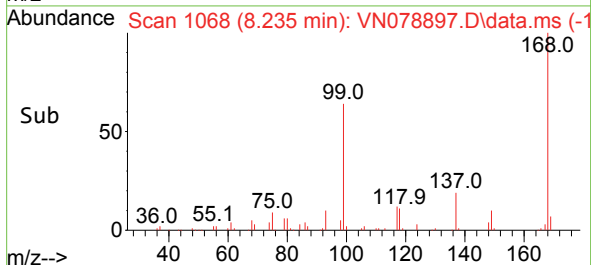
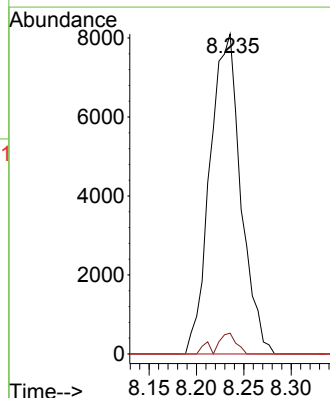
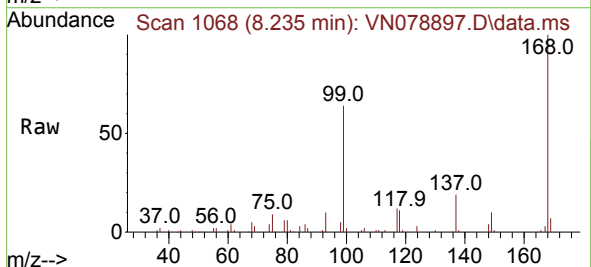
Tgt Ion: 117 Resp: 18394

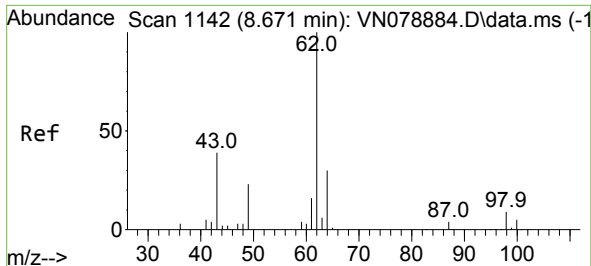
Ion Ratio Lower Upper

117 100

119 6.5 77.3 115.9#

121 0.0 23.3 34.9#





#42

1,2-Dichloroethane

Concen: 0.413 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.011 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

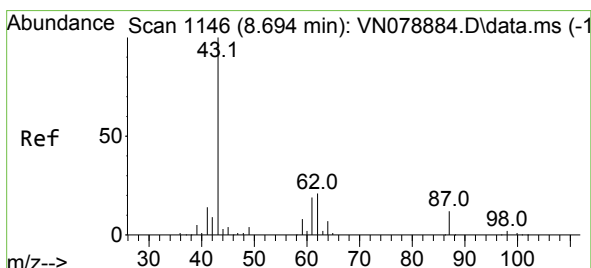
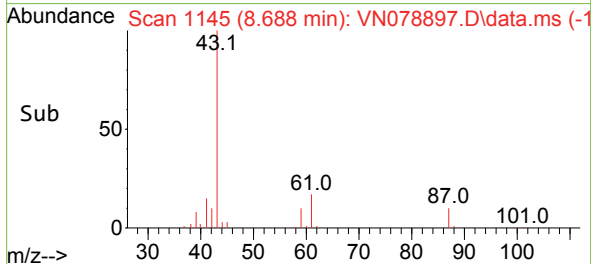
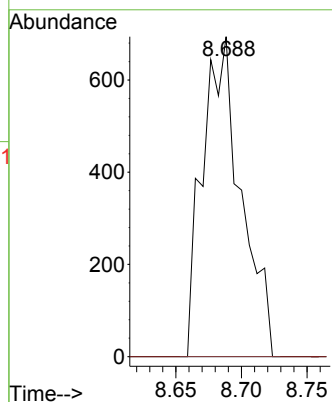
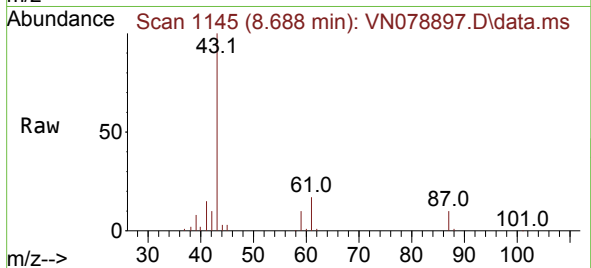
PB154855TB

Tgt Ion: 62 Resp: 1415

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 28.661 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

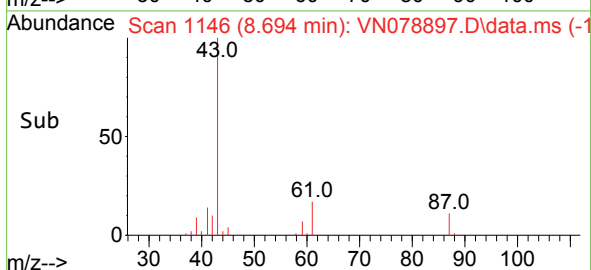
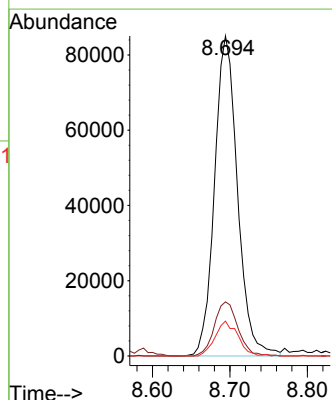
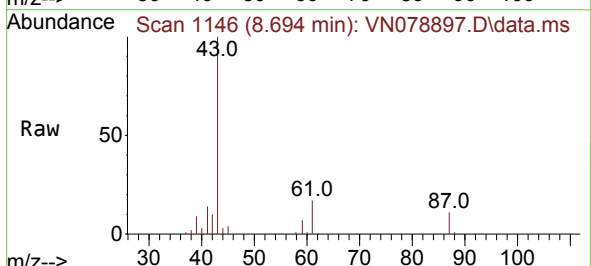
Tgt Ion: 43 Resp: 175678

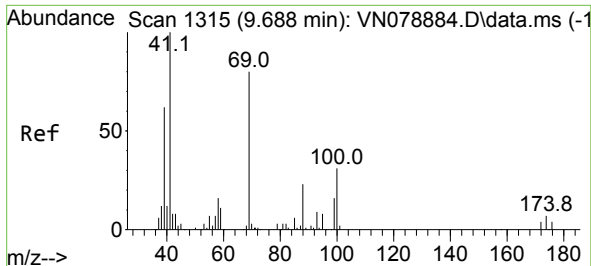
Ion Ratio Lower Upper

43 100

61 17.4 24.7 37.1#

87 10.8 14.6 21.8#

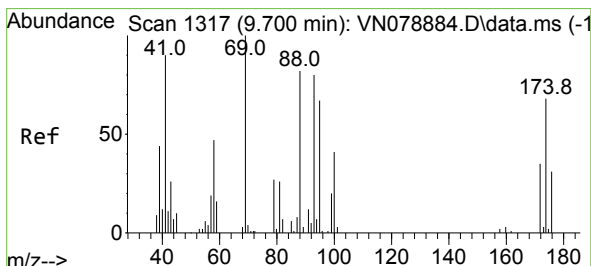
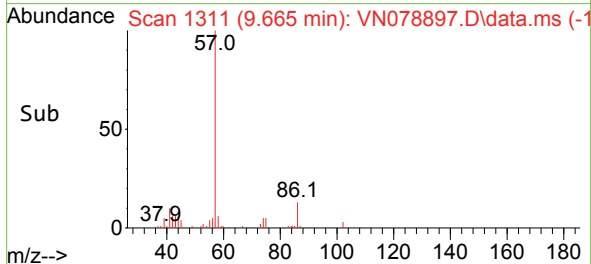
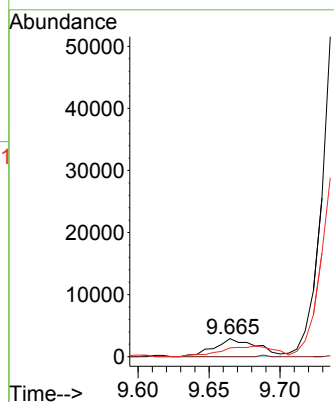
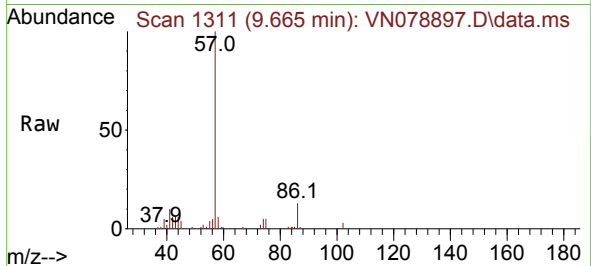




#48
Methyl methacrylate
Concen: 2.198 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

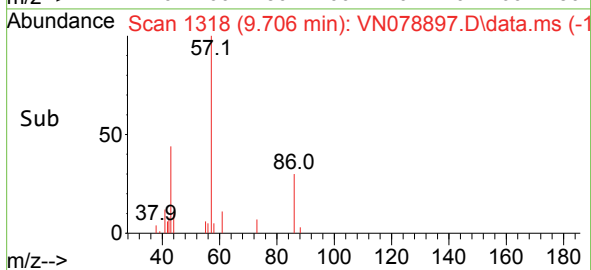
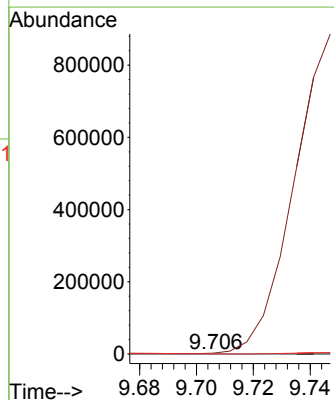
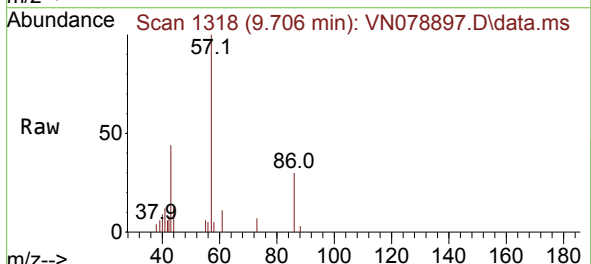
Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

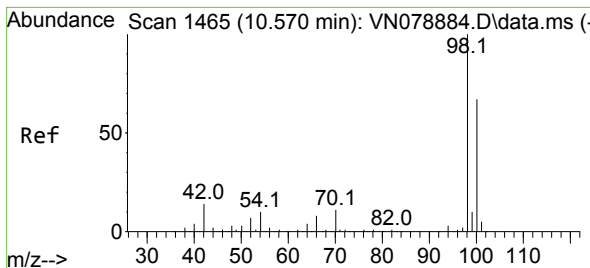
Tgt Ion: 41 Resp: 6105
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 0.0 54.6 81.8#



#49
1,4-Dioxane
Concen: 2.262 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#

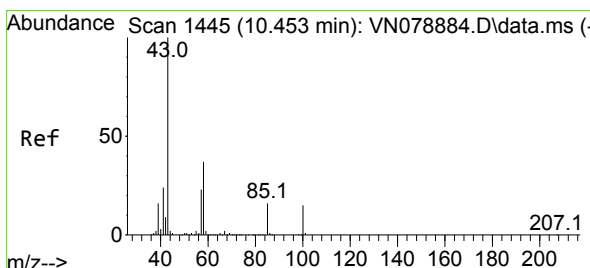
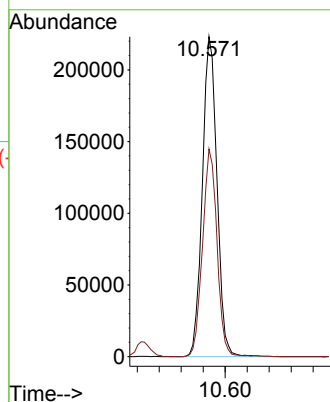
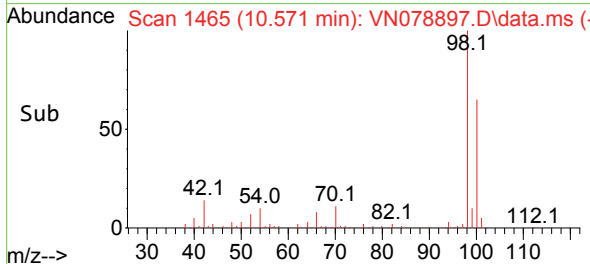
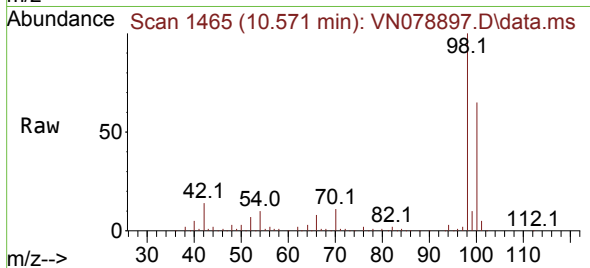




#50
Toluene-d8
Concen: 53.853 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

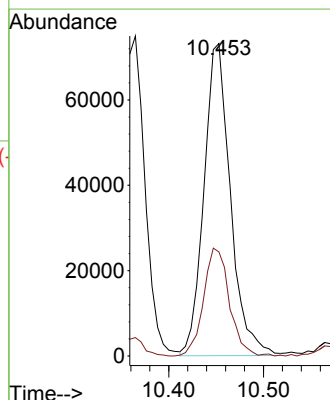
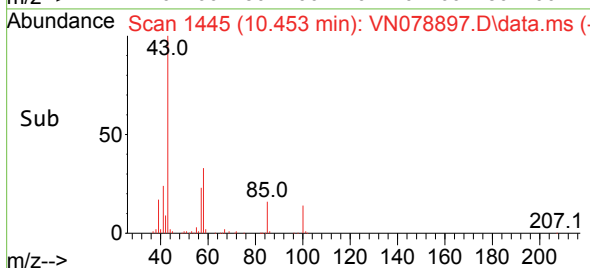
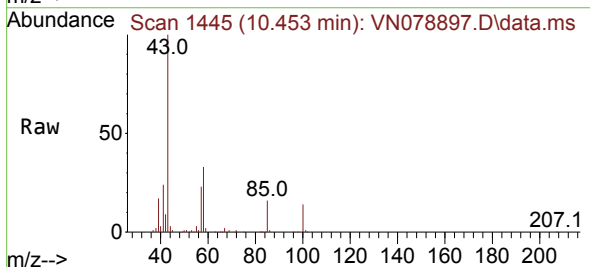
Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

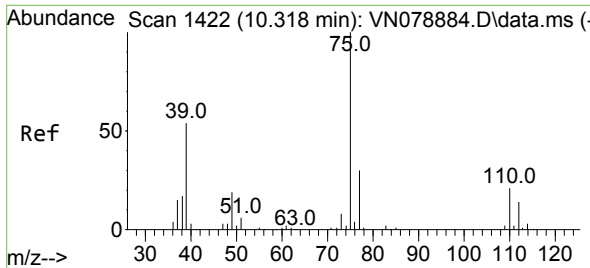
Tgt Ion: 98 Resp: 412020
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 39.108 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 43 Resp: 142177
Ion Ratio Lower Upper
43 100
58 33.7 36.6 54.8#

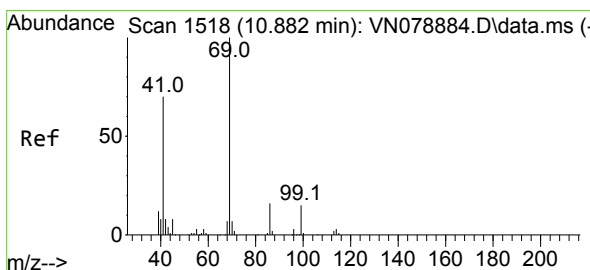
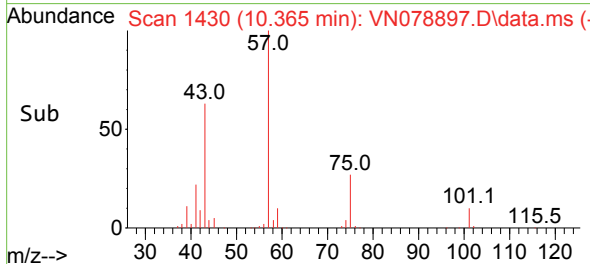
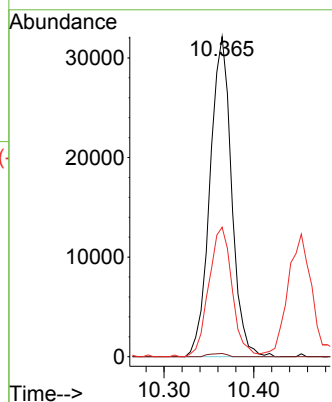
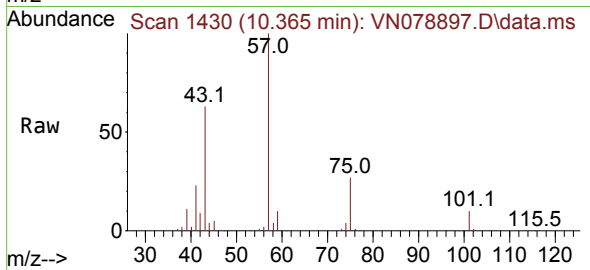




#54
 cis-1,3-Dichloropropene
 Concen: 13.926 ug/l
 RT: 10.365 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN078897.D
 Acq: 16 Aug 2023 12:52

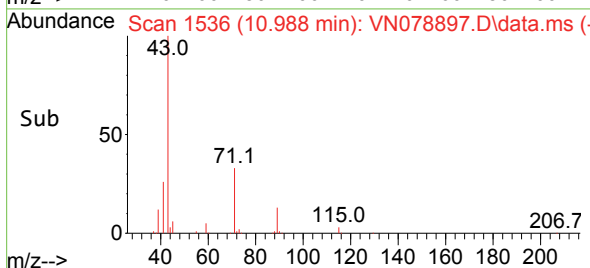
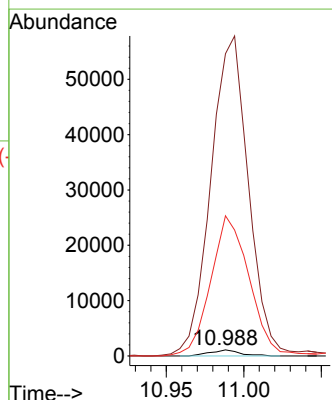
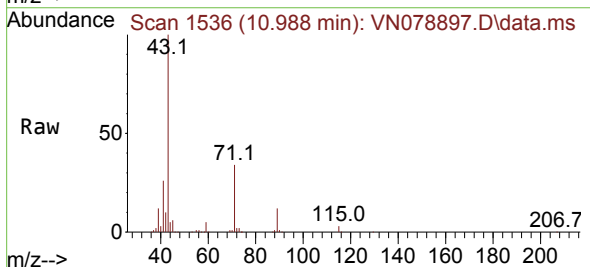
Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855TB

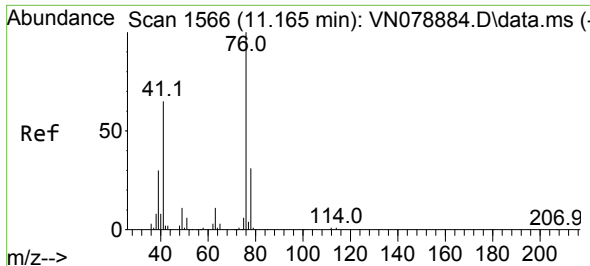
Tgt Ion: 75 Resp: 53734
 Ion Ratio Lower Upper
 75 100
 77 1.0 26.1 39.1#
 39 40.4 31.6 47.4



#56
 Ethyl methacrylate
 Concen: 0.424 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.111 min
 Lab File: VN078897.D
 Acq: 16 Aug 2023 12:52

Tgt Ion: 69 Resp: 1482
 Ion Ratio Lower Upper
 69 100
 41 6647.4 39.6 59.4#
 39 2964.9 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.702 ug/l

RT: 11.212 min Scan# 11

Delta R.T. 0.047 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

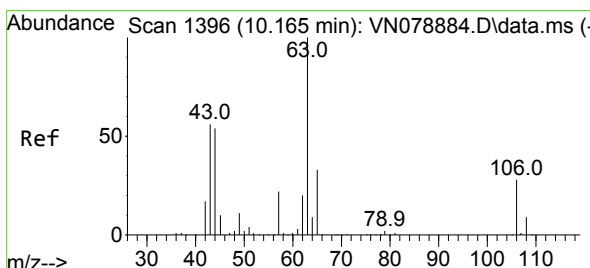
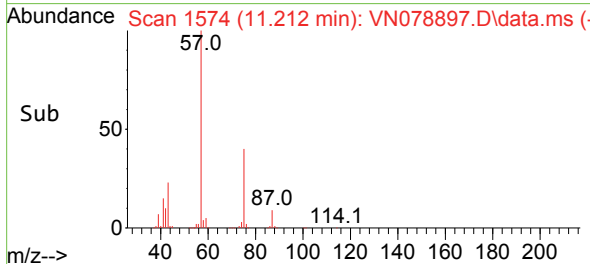
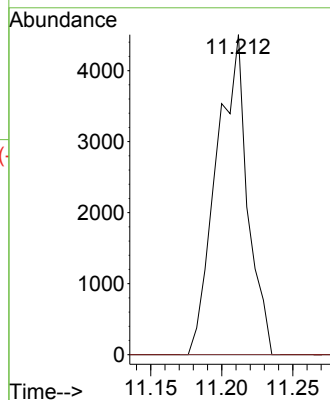
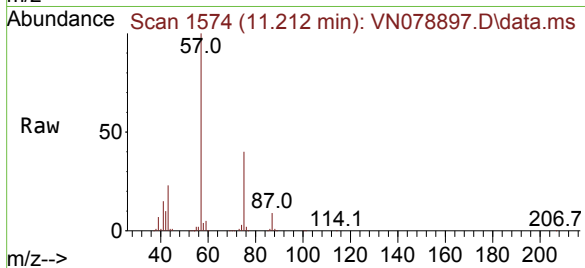
PB154855TB

Tgt Ion: 76 Resp: 6867

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.467 ug/l

RT: 10.182 min Scan# 1399

Delta R.T. 0.017 min

Lab File: VN078897.D

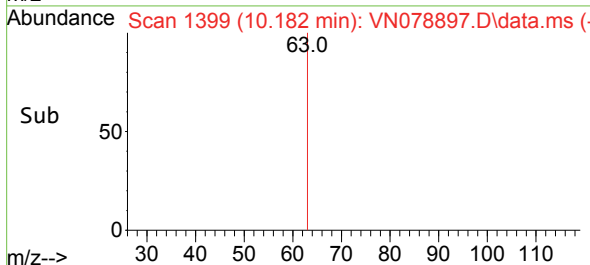
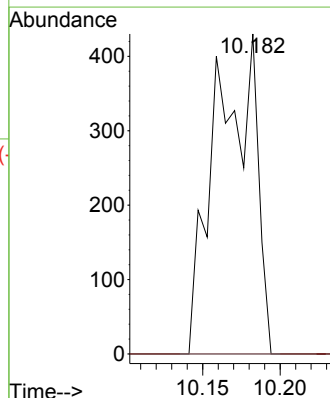
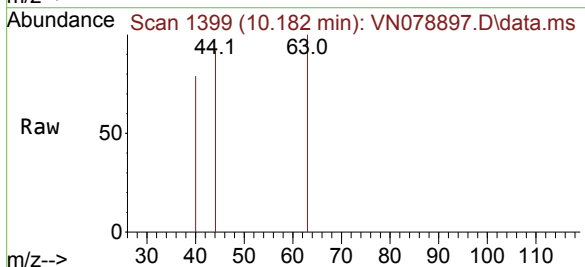
Acq: 16 Aug 2023 12:52

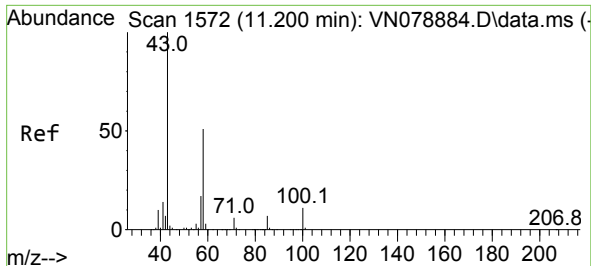
Tgt Ion: 63 Resp: 783

Ion Ratio Lower Upper

63 100

106 0.0 26.2 39.4#

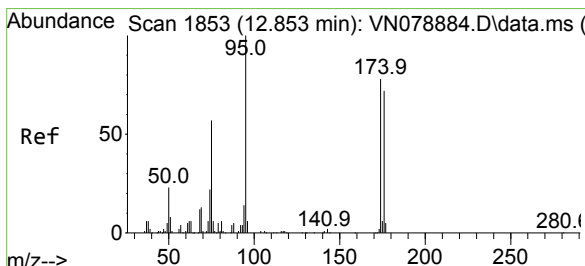
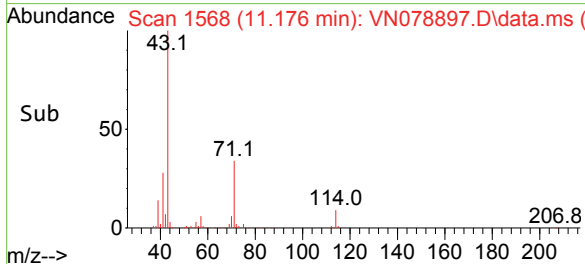
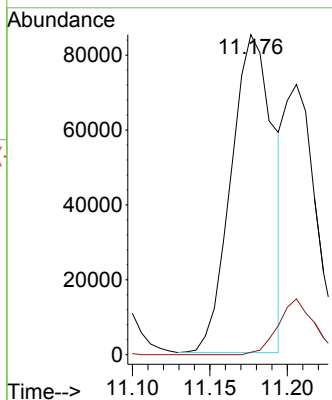
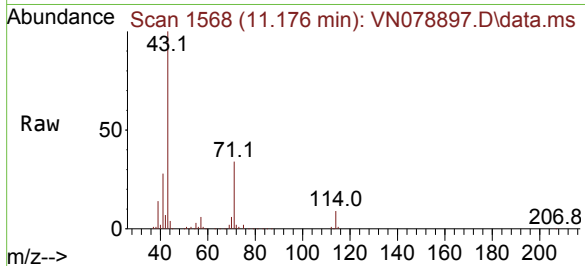




#59
2-Hexanone
Concen: 61.325 ug/l
RT: 11.176 min Scan# 11176
Delta R.T. -0.024 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

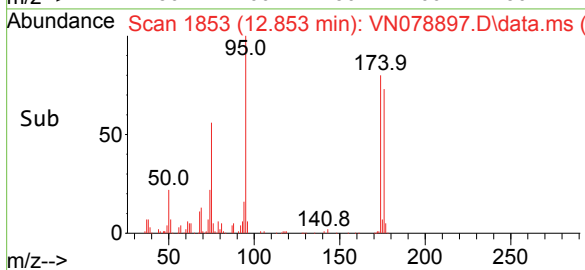
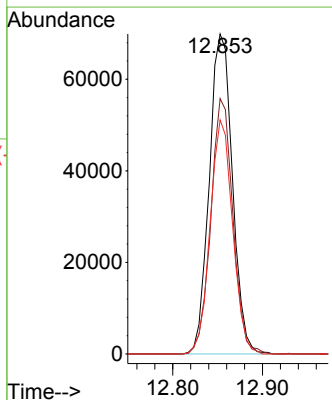
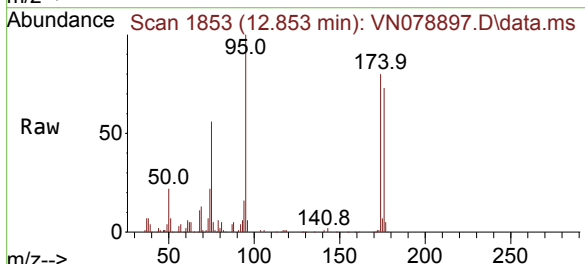
Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

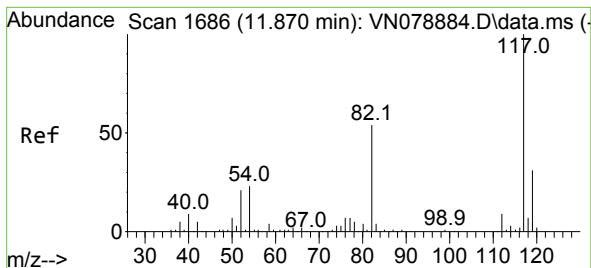
Tgt Ion: 43 Resp: 161480
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 50.015 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 95 Resp: 125075
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 71.0 0.0 135.8

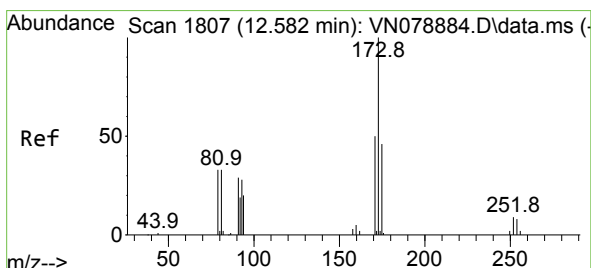
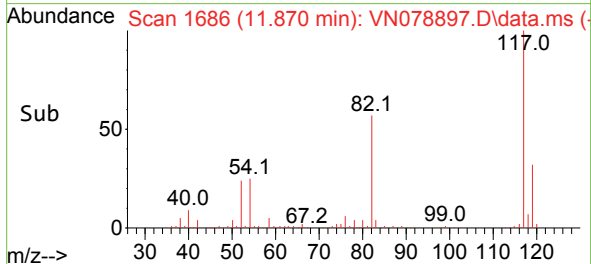
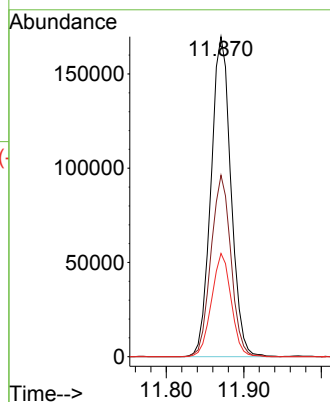
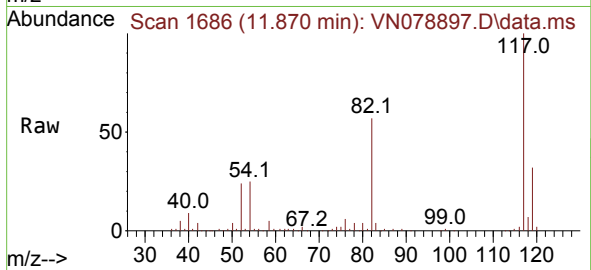




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

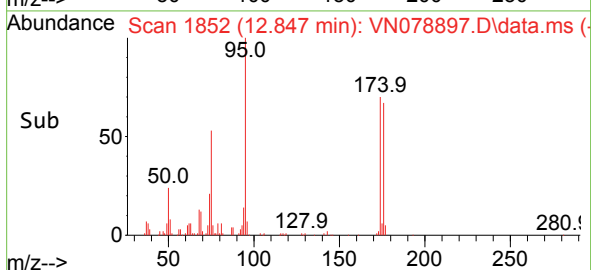
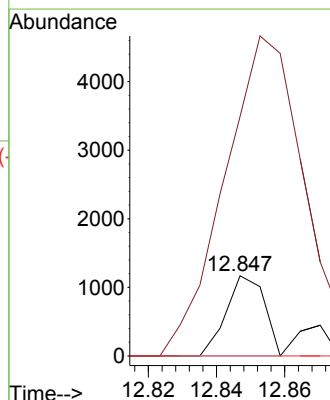
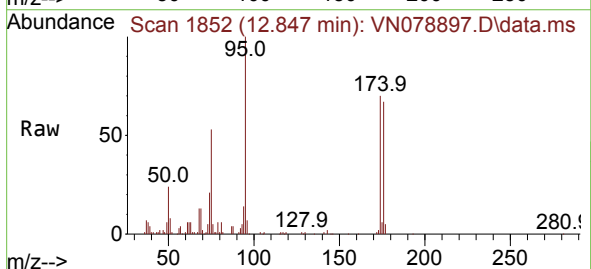
Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

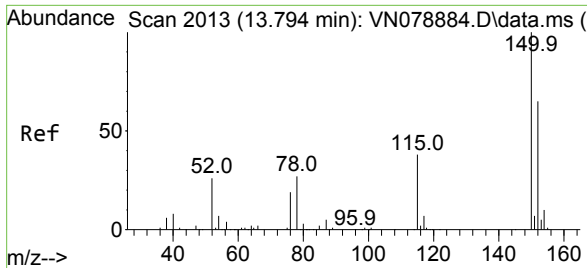
Tgt Ion:117 Resp: 303749
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.3 25.6 38.4



#71
Bromoform
Concen: 0.513 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion:173 Resp: 911
Ion Ratio Lower Upper
173 100
175 635.7 24.3 73.0#
254 0.0 0.0 0.0

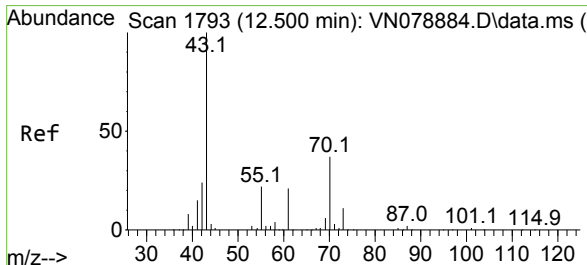
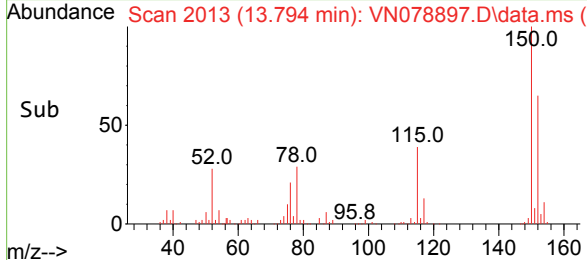
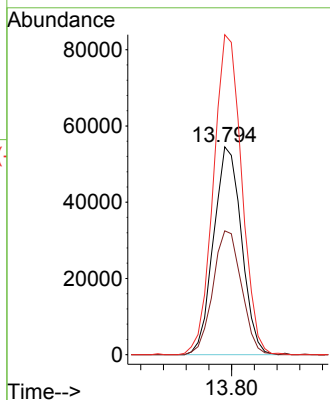
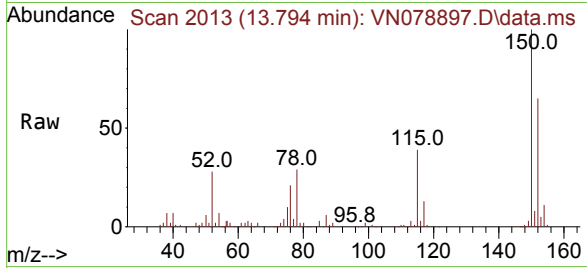




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

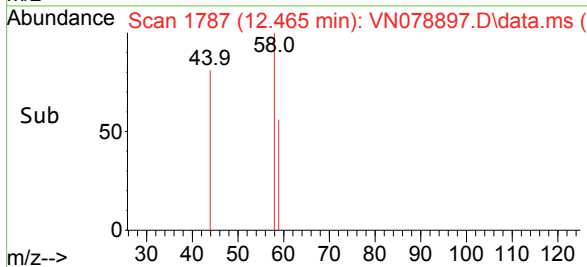
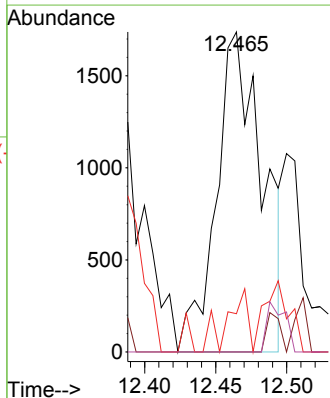
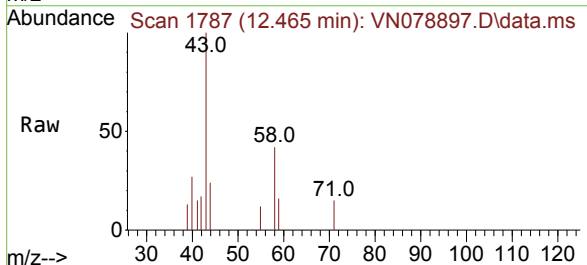
Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

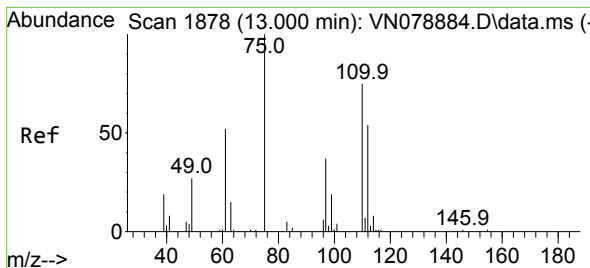
Tgt Ion:152 Resp: 93121
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 155.8 0.0 355.8



#74
N-ethyl acetate
Concen: 0.995 ug/l
RT: 12.465 min Scan# 1787
Delta R.T. -0.035 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 43 Resp: 3900
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 9.0 21.4 32.0#
61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 30.673 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

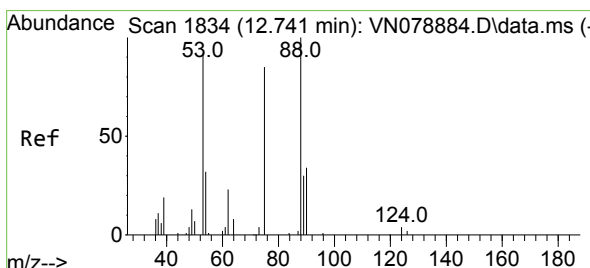
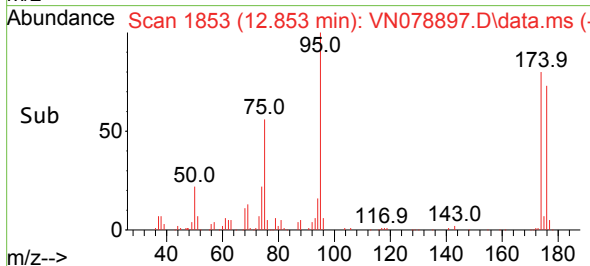
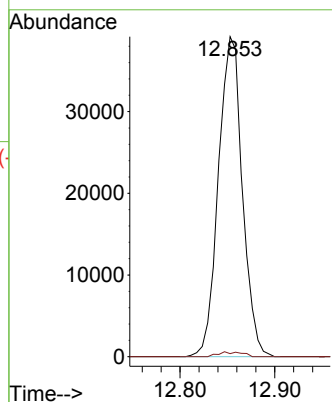
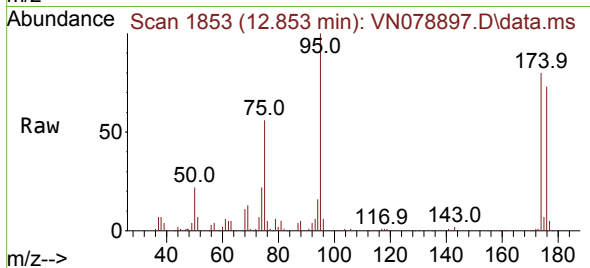
PB154855TB

Tgt Ion: 75 Resp: 68822

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.355 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

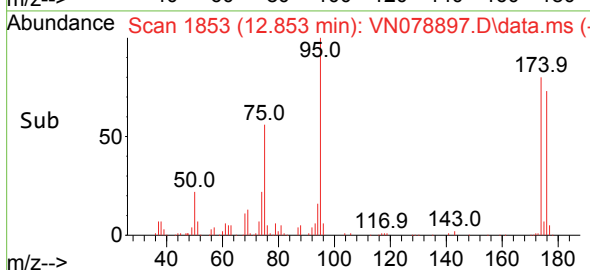
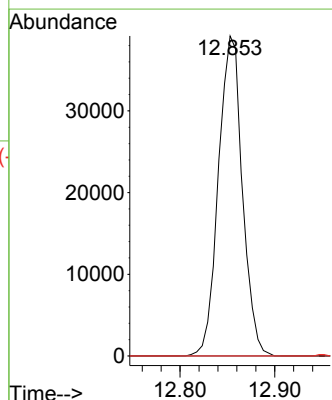
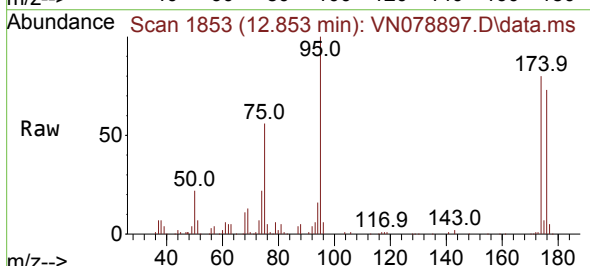
Tgt Ion: 75 Resp: 68822

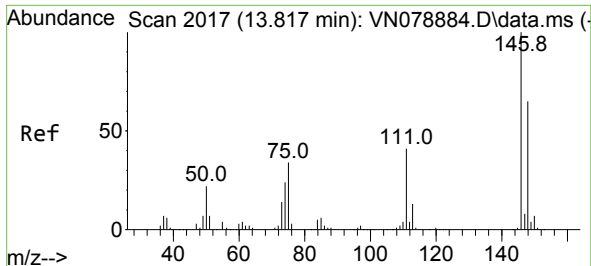
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

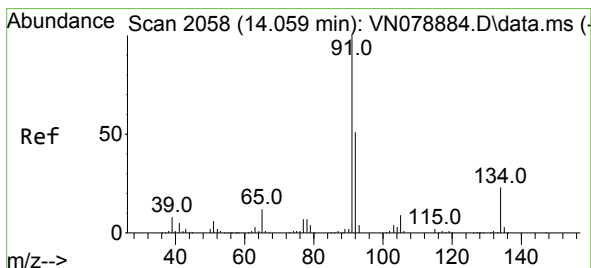
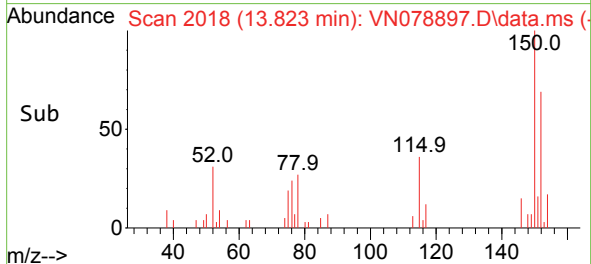
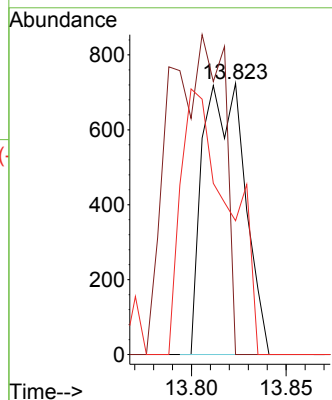
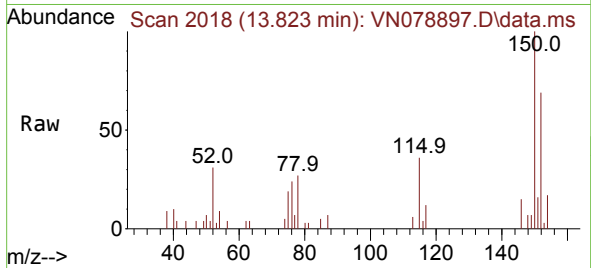




#88
1,4-Dichlorobenzene
Concen: 0.347 ug/l
RT: 13.823 min Scan# 2017
Delta R.T. 0.005 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

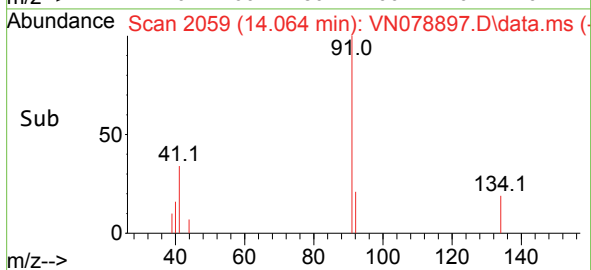
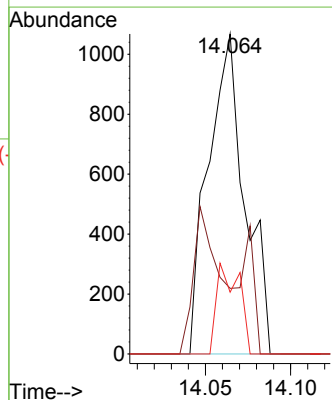
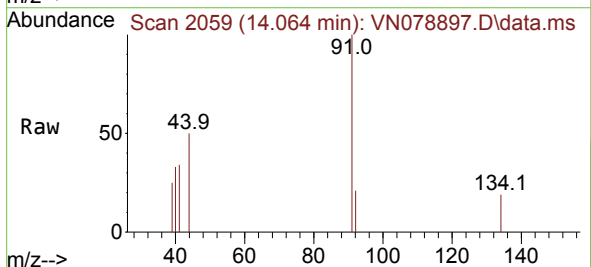
Instrument :
MSVOA_N
ClientSampleId :
PB154855TB

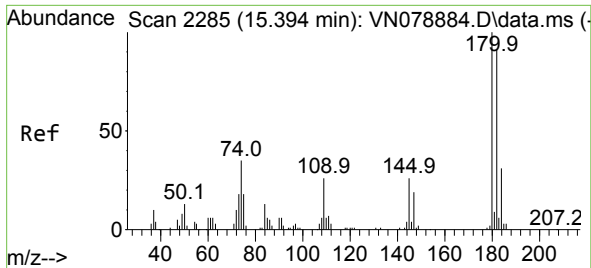
Tgt Ion:146 Resp: 1114
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 0.0 31.6 94.8#



#89
n-Butylbenzene
Concen: 0.341 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.005 min
Lab File: VN078897.D
Acq: 16 Aug 2023 12:52

Tgt Ion: 91 Resp: 1597
Ion Ratio Lower Upper
91 100
92 32.7 26.4 79.0
134 17.3 12.6 37.6

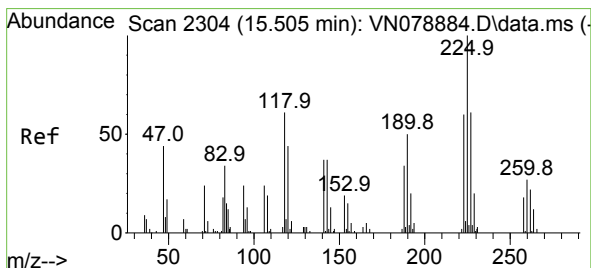
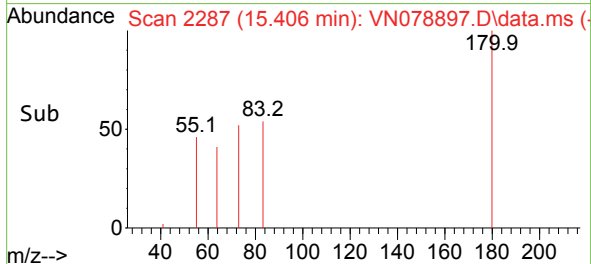
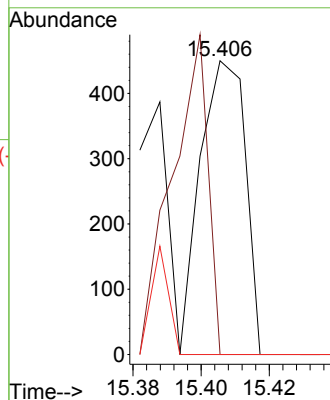
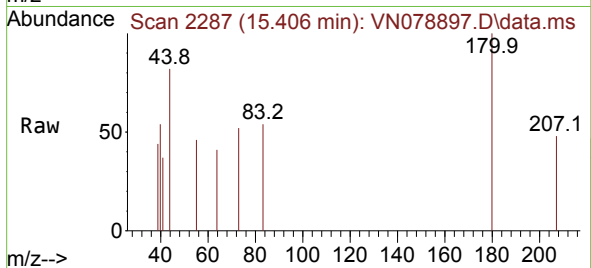




#93
 1,2,4-Trichlorobenzene
 Concen: 0.367 ug/l
 RT: 15.406 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN078897.D
 Acq: 16 Aug 2023 12:52

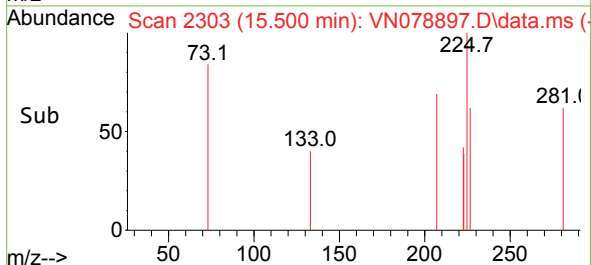
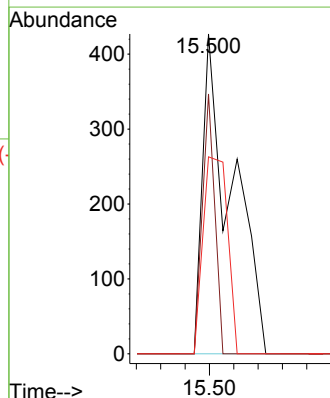
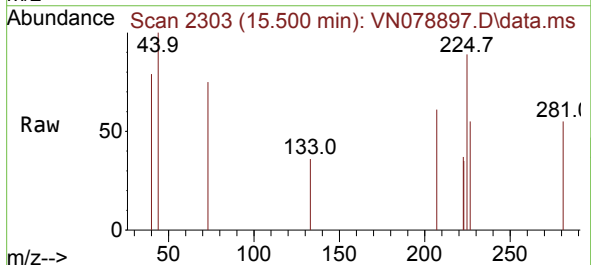
Instrument :
 MSVOA_N
 ClientSampleId :
 PB154855TB

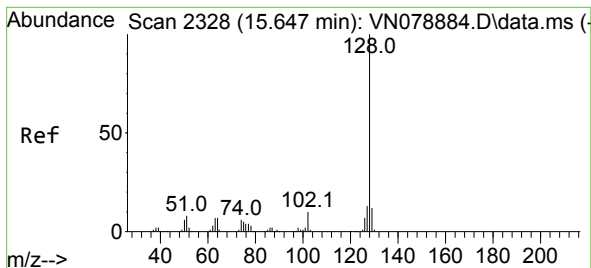
Tgt Ion:180 Resp: 415
 Ion Ratio Lower Upper
 180 100
 182 86.3 46.1 138.2
 145 0.0 16.6 49.8#



#94
 Hexachlorobutadiene
 Concen: 0.341 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN078897.D
 Acq: 16 Aug 2023 12:52

Tgt Ion:225 Resp: 356
 Ion Ratio Lower Upper
 225 100
 223 34.3 31.3 93.8
 227 51.4 31.9 95.9





#95

Naphthalene

Concen: 3.152 ug/l

RT: 15.653 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

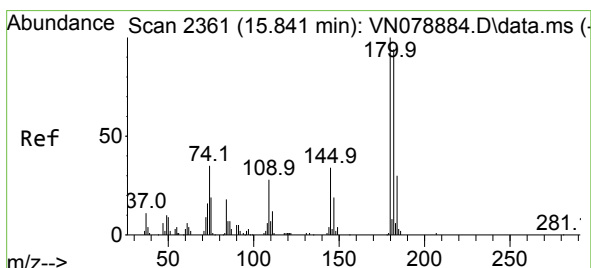
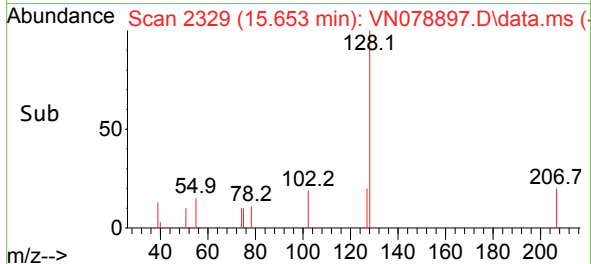
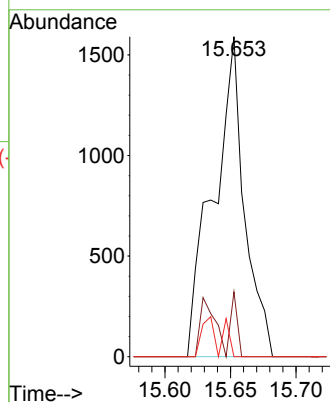
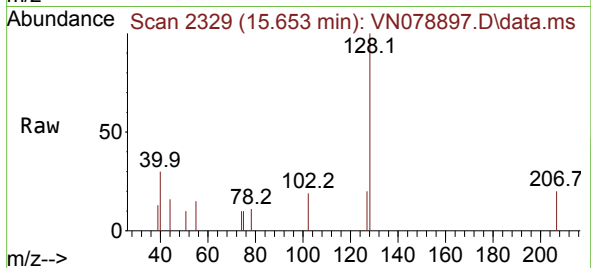
Instrument :

MSVOA_N

ClientSampleId :

PB154855TB

Tgt Ion:128	Resp:	2613
Ion	Ratio	Lower Upper
128	100	
127	4.4	10.0 15.0#
129	0.0	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.646 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078897.D

Acq: 16 Aug 2023 12:52

Tgt Ion:180	Resp:	801
Ion	Ratio	Lower Upper
180	100	
182	100.5	46.2 138.6
145	7.0	17.5 52.6#

