

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078971.D
 Acq On : 21 Aug 2023 13:43
 Operator : JC\MD
 Sample : PB154931TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 22 00:56:25 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	8.229	168	196418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	351459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112983	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	146718	48.003	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.000%
35) Dibromofluoromethane	8.171	113	124404	51.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.320%
50) Toluene-d8	10.570	98	455675	50.964	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.853	95	139243	47.645	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%

Target Compounds						Qvalue
3) Chloromethane	2.365	50	870	0.229	ug/l #	59
5) Bromomethane	2.959	94	498	0.260	ug/l #	30
6) Chloroethane	3.118	64	515	0.221	ug/l #	43
11) Tert butyl alcohol	5.512	59	599	1.168	ug/l #	72
13) Acrolein	4.200	56	109	7.163	ug/l #	16
16) Acetone	4.441	43	27553	21.848	ug/l	93
17) Carbon Disulfide	4.700	76	2722	0.461	ug/l #	75
18) Methyl Acetate	5.047	43	3927	0.737	ug/l #	55
20) Methylene Chloride	5.282	84	8396	3.124	ug/l #	87
25) 2-Butanone	7.500	43	10764	5.324	ug/l #	72
29) Tetrahydrofuran	7.859	42	985	0.736	ug/l #	45
31) Cyclohexane	8.229	56	5523	Below Cal	#	41
36) 1,1-Dichloropropene	8.229	75	16618	4.588	ug/l #	50
37) Ethyl Acetate	7.571	43	5036	1.243	ug/l #	67
38) Carbon Tetrachloride	8.229	117	21445	5.909	ug/l #	16
42) 1,2-Dichloroethane	8.682	62	879	0.220	ug/l #	73
43) Isopropyl Acetate	8.694	43	179073	24.999	ug/l #	77
48) Methyl methacrylate	9.670	41	5107	1.573	ug/l #	33
49) 1,4-Dioxane	9.735	88	323	5.842	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	45722	10.762	ug/l #	79
54) cis-1,3-Dichloropropene	10.365	75	55684	12.349	ug/l #	69
56) Ethyl methacrylate	10.982	69	2167	0.530	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	7882	1.672	ug/l #	42
59) 2-Hexanone	11.176	43	163874	53.254	ug/l #	19
65) Chlorobenzene	11.900	112	1659	0.222	ug/l #	78
74) N-amyl acetate	12.500	43	2400	0.505	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	77038	28.298	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	77038	72.290	ug/l #	15
85) sec-Butylbenzene	13.617	105	1766	0.205	ug/l #	57
87) 1,3-Dichlorobenzene	13.747	146	908	0.233	ug/l	95
88) 1,4-Dichlorobenzene	13.747	146	908	0.233	ug/l	94
89) n-Butylbenzene	14.058	91	2296	0.405	ug/l	93
91) 1,2-Dichlorobenzene	14.117	146	1030	0.266	ug/l	77
92) 1,2-Dibromo-3-Chloropr...	14.717	75	122	Below Cal	#	37
93) 1,2,4-Trichlorobenzene	15.399	180	1032	0.751	ug/l #	78
94) Hexachlorobutadiene	15.511	225	667	0.625	ug/l	85

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Response via : Initial Calibration

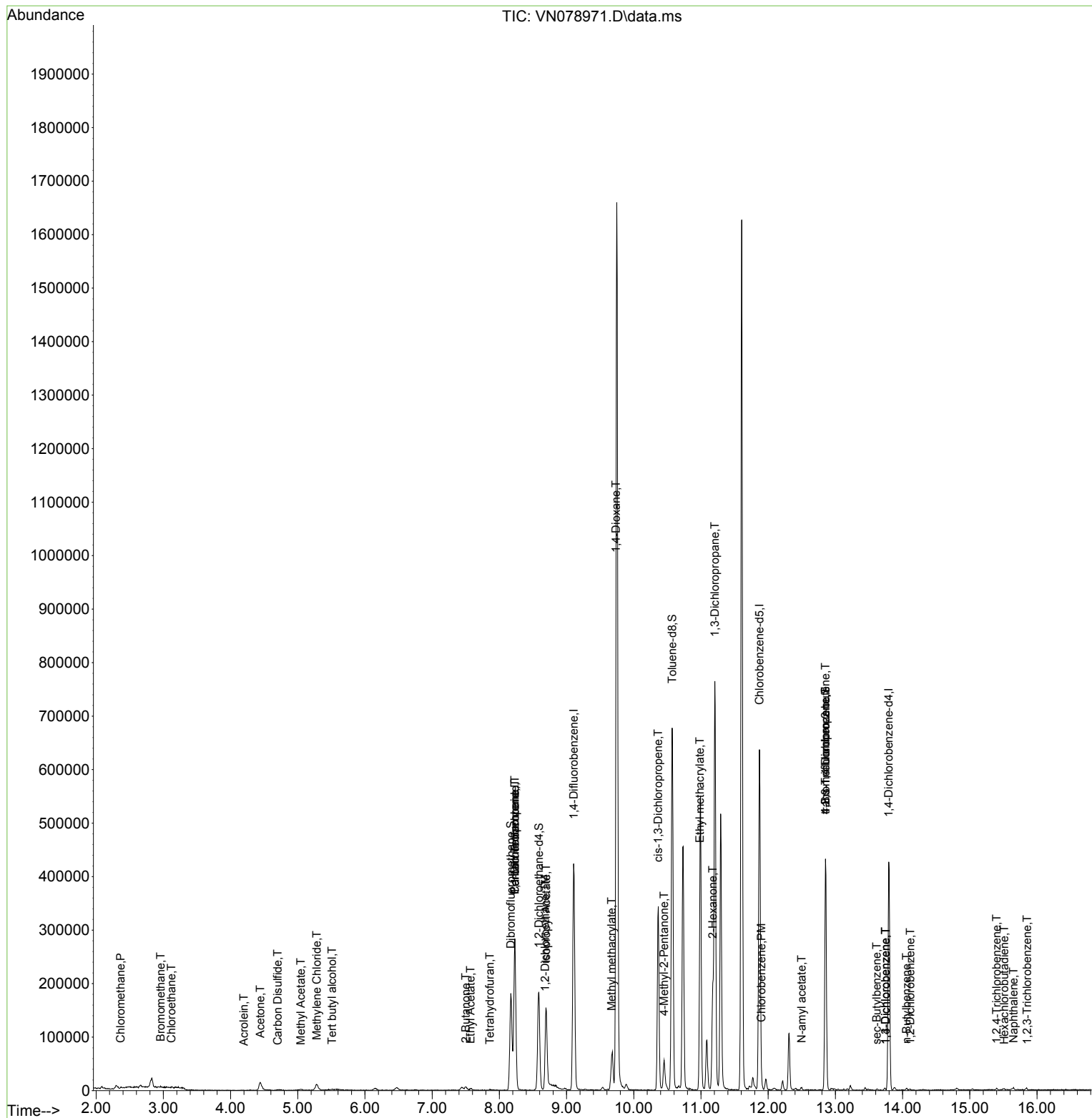
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.652	128	4534	3.401	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.852	180	1317	0.875	ug/l	93

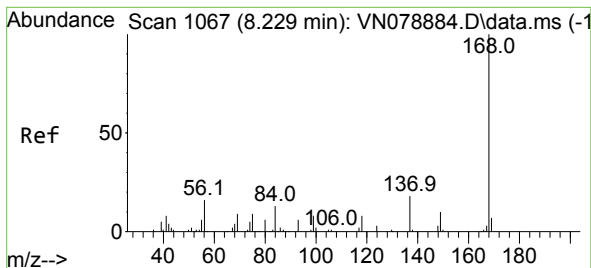
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.001 min

Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

Instrument :

MSVOA_N

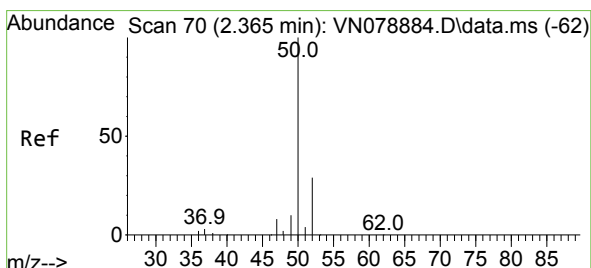
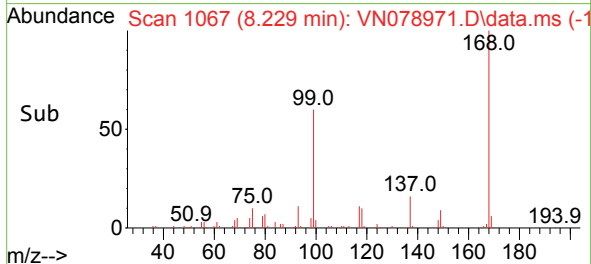
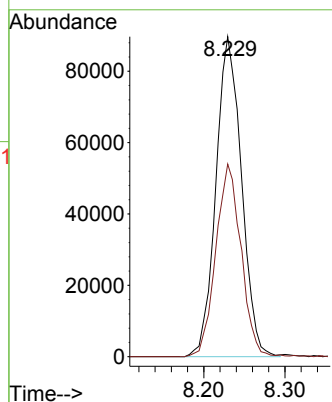
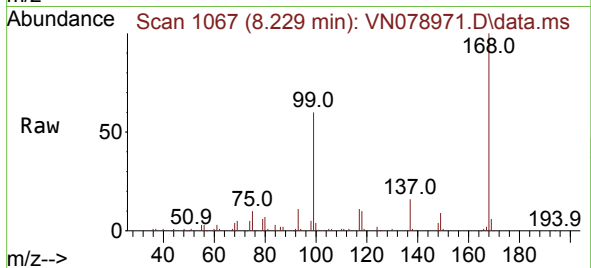
ClientSampleId :

Tgt Ion:168 Resp: 196418

Ion Ratio Lower Upper

168 100

99 60.2 53.0 79.6



#3

Chloromethane

Concen: 0.229 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078971.D

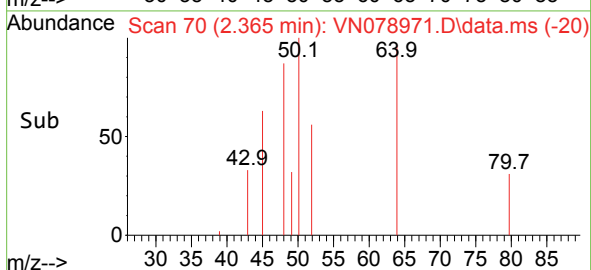
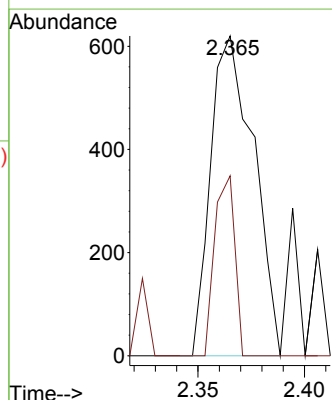
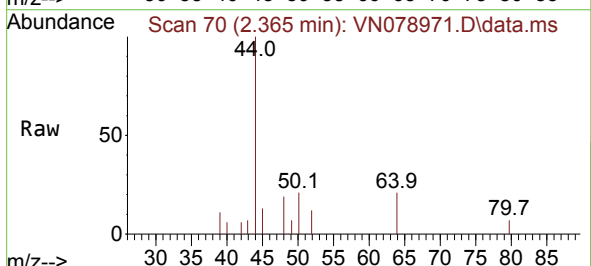
Acq: 21 Aug 2023 13:43

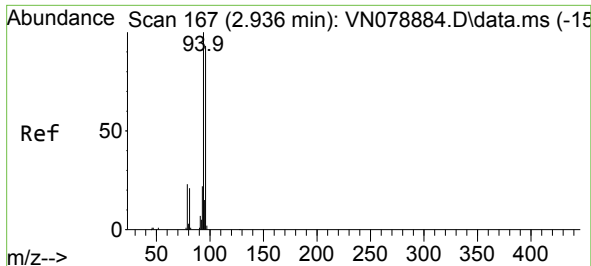
Tgt Ion: 50 Resp: 870

Ion Ratio Lower Upper

50 100

52 56.3 26.5 39.7#

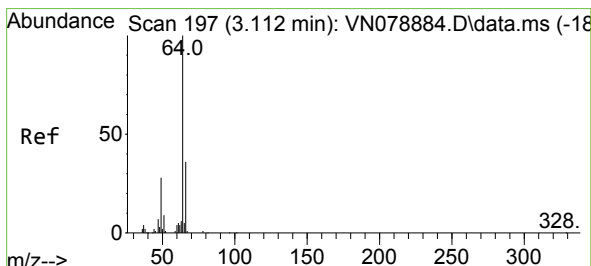
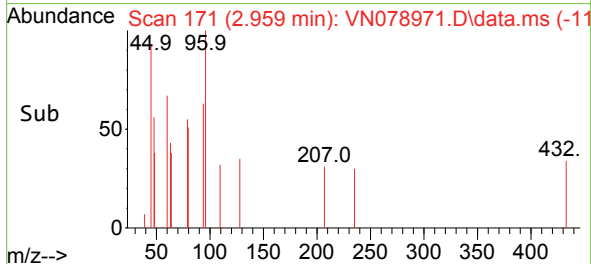
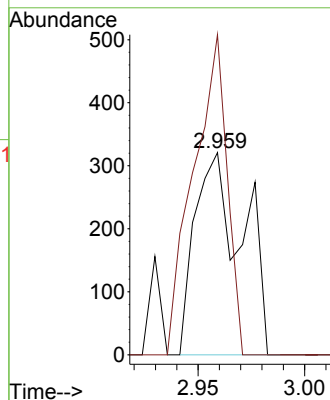
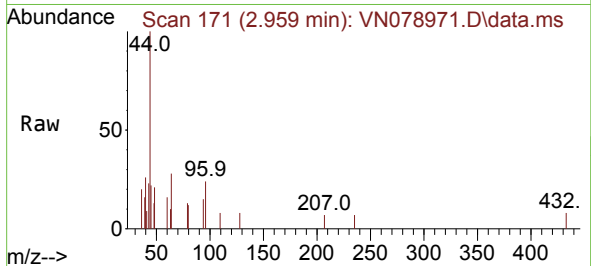




#5
Bromomethane
Concen: 0.260 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

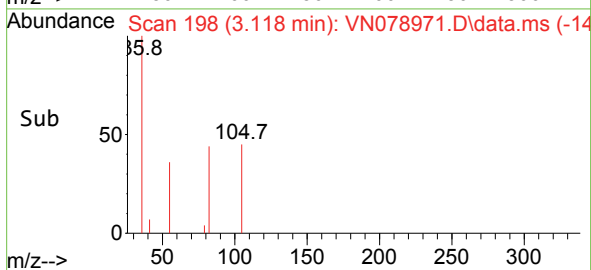
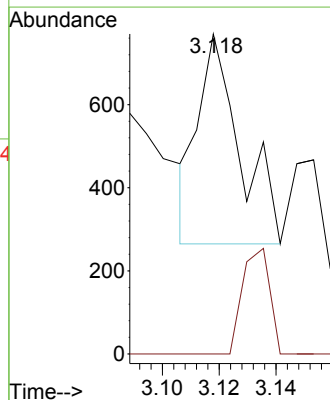
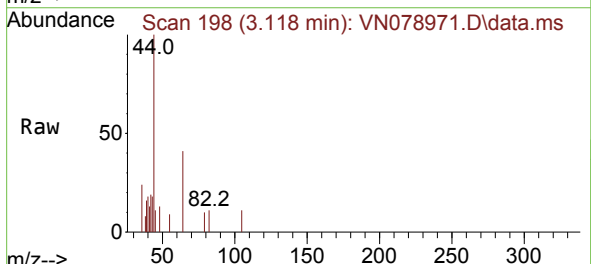
Instrument :
MSVOA_N
ClientSampleId :

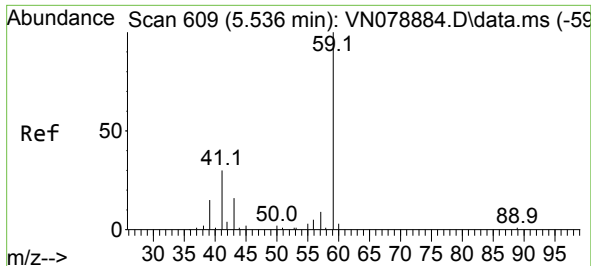
Tgt Ion: 94 Resp: 498
Ion Ratio Lower Upper
94 100
96 158.3 73.1 109.7#



#6
Chloroethane
Concen: 0.221 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Tgt Ion: 64 Resp: 515
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.168 ug/l

RT: 5.512 min Scan# 609

Delta R.T. -0.030 min

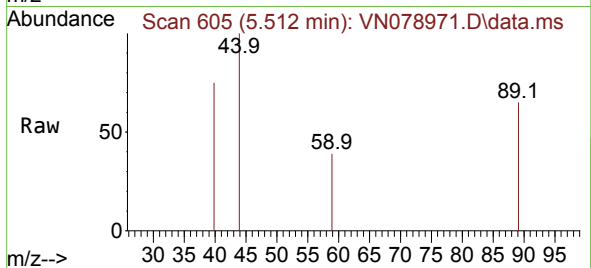
Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

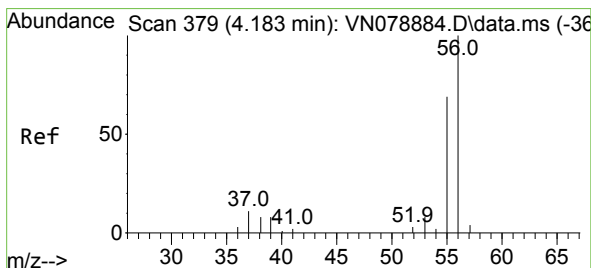
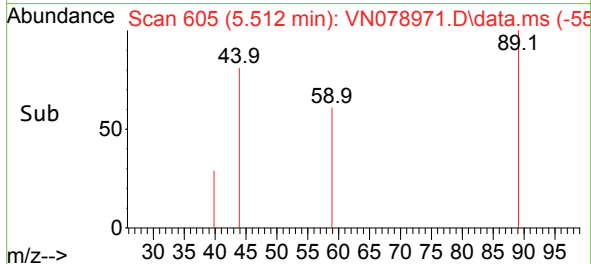
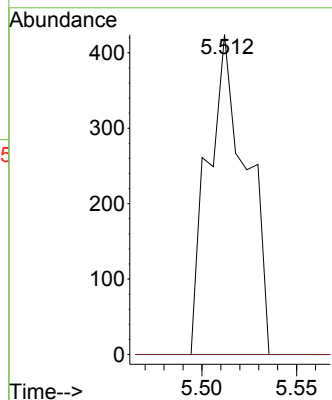


Tgt Ion: 59 Resp: 599

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 7.163 ug/l

RT: 4.200 min Scan# 382

Delta R.T. 0.005 min

Lab File: VN078971.D

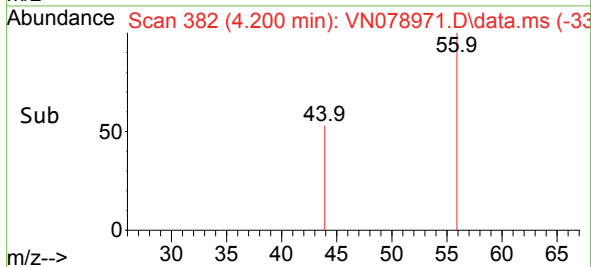
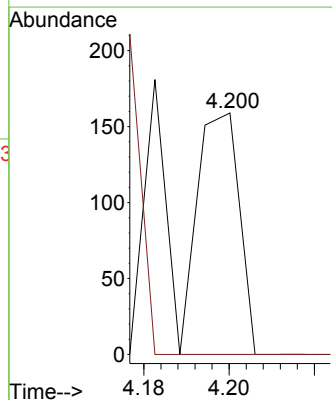
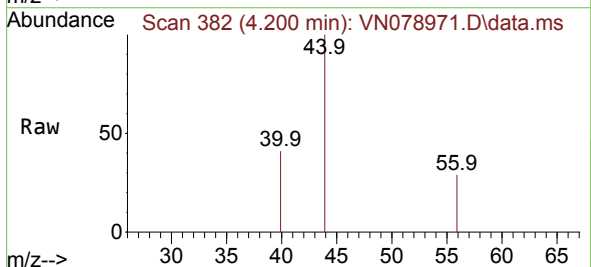
Acq: 21 Aug 2023 13:43

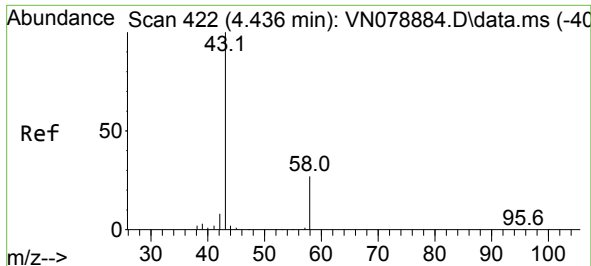
Tgt Ion: 56 Resp: 109

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#





#16

Acetone

Concen: 21.848 ug/l

RT: 4.441 min Scan# 41

Delta R.T. -0.001 min

Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

Instrument :

MSVOA_N

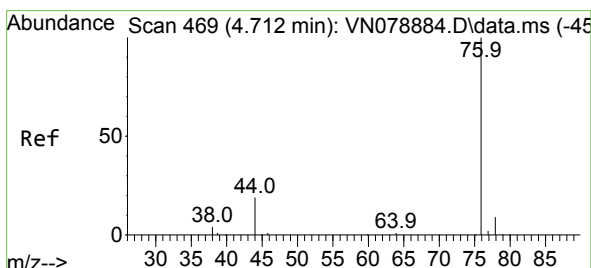
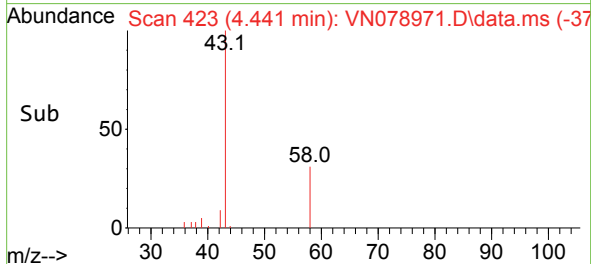
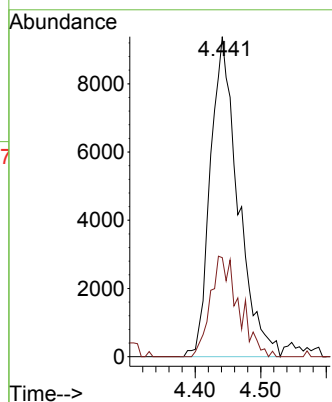
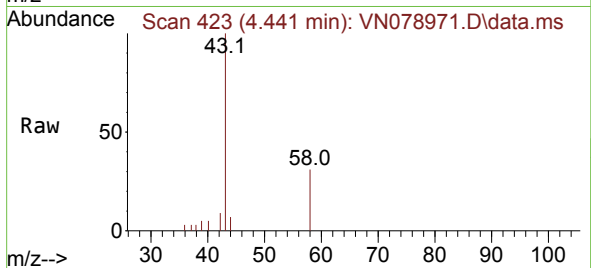
ClientSampleId :

Tgt Ion: 43 Resp: 27553

Ion Ratio Lower Upper

43 100

58 30.9 28.0 42.0



#17

Carbon Disulfide

Concen: 0.461 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.024 min

Lab File: VN078971.D

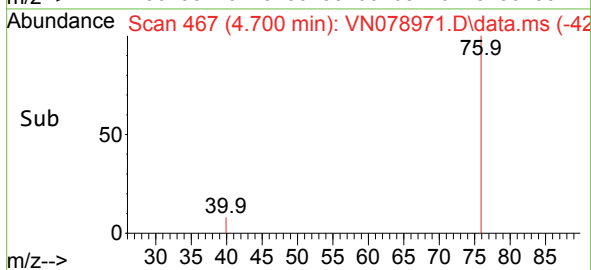
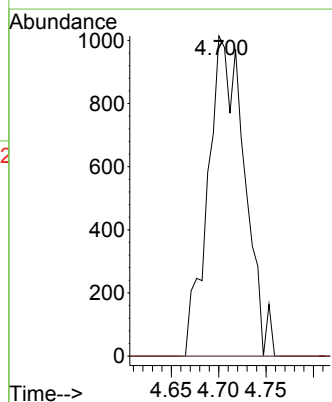
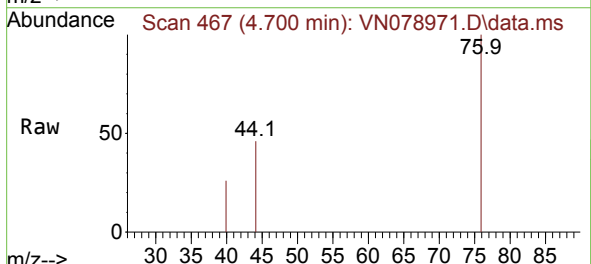
Acq: 21 Aug 2023 13:43

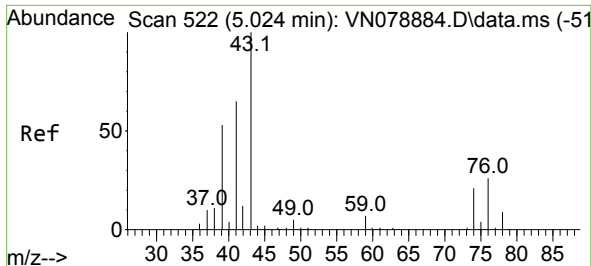
Tgt Ion: 76 Resp: 2722

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: 0.737 ug/l

RT: 5.047 min Scan# 51

Delta R.T. 0.005 min

Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

Instrument :

MSVOA_N

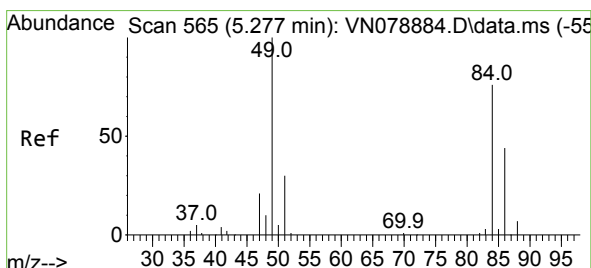
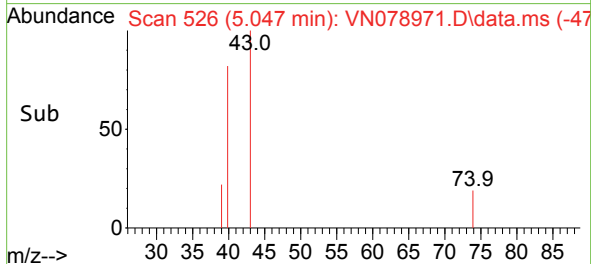
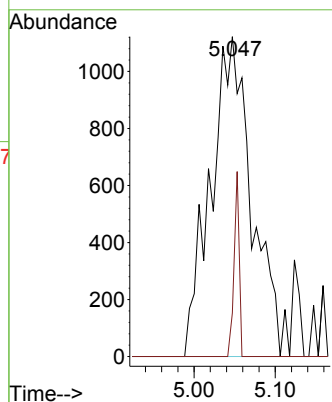
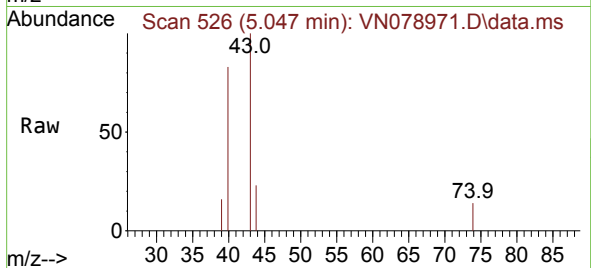
ClientSampleId :

Tgt Ion: 43 Resp: 3927

Ion Ratio Lower Upper

43 100

74 7.2 26.2 39.4#



#20

Methylene Chloride

Concen: 3.124 ug/l

RT: 5.282 min Scan# 566

Delta R.T. -0.001 min

Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

Tgt Ion: 84 Resp: 8396

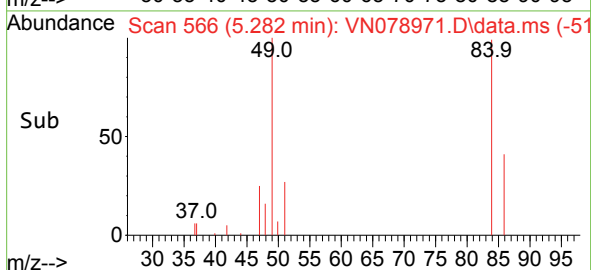
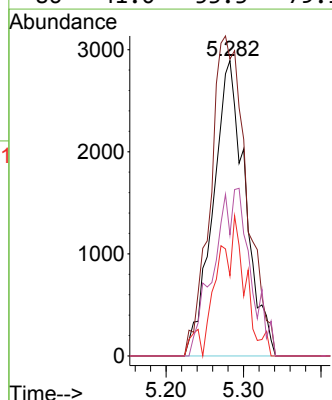
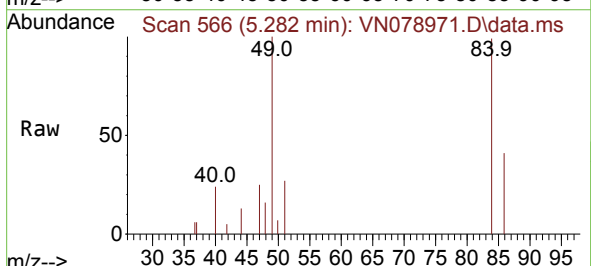
Ion Ratio Lower Upper

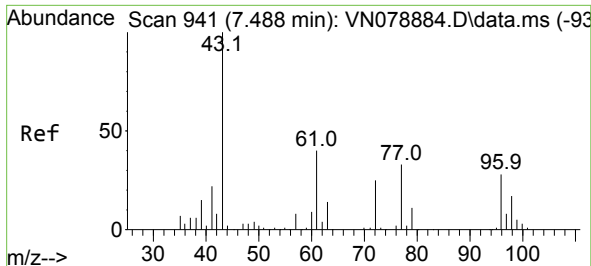
84 100

49 100.5 79.7 119.5

51 27.2 25.2 37.8

86 41.0 53.3 79.9#





#25

2-Butanone

Concen: 5.324 ug/l

RT: 7.500 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

Instrument :

MSVOA_N

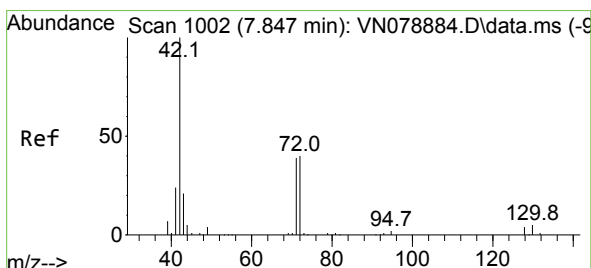
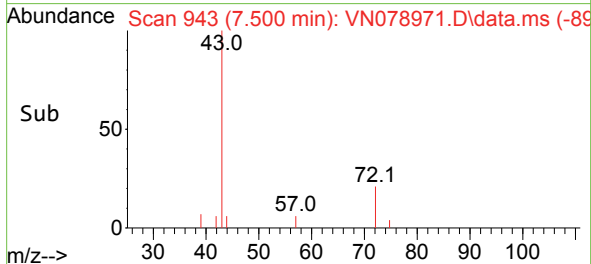
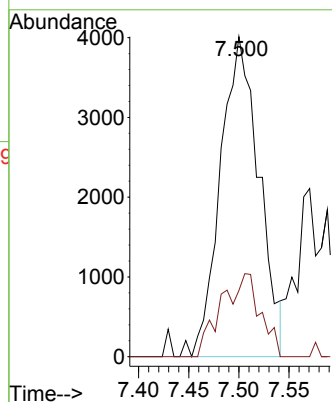
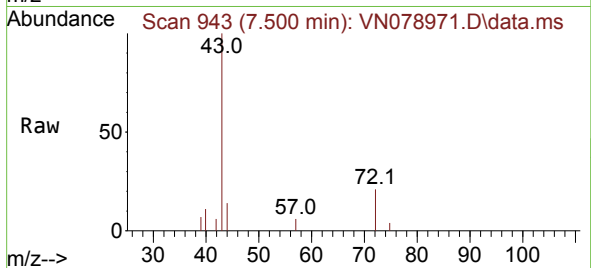
ClientSampleId :

Tgt Ion: 43 Resp: 10764

Ion Ratio Lower Upper

43 100

72 20.7 30.2 45.2#



#29

Tetrahydrofuran

Concen: 0.736 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

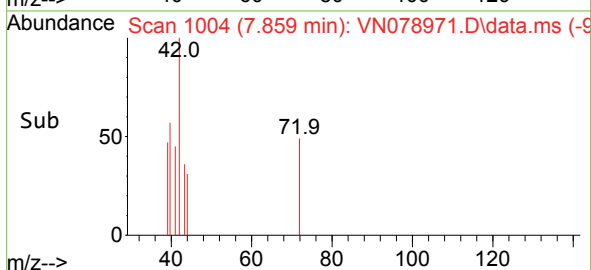
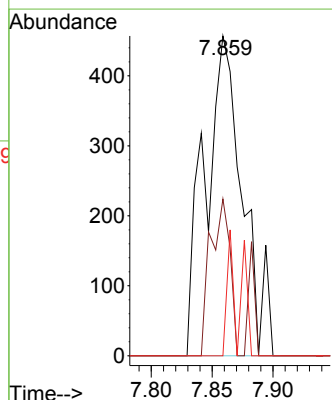
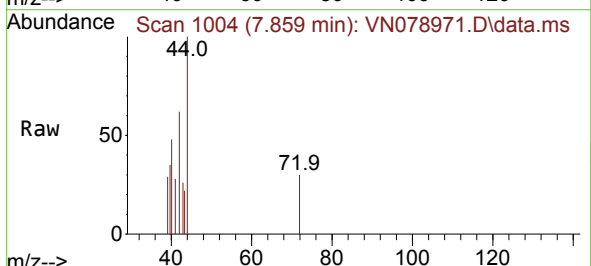
Tgt Ion: 42 Resp: 985

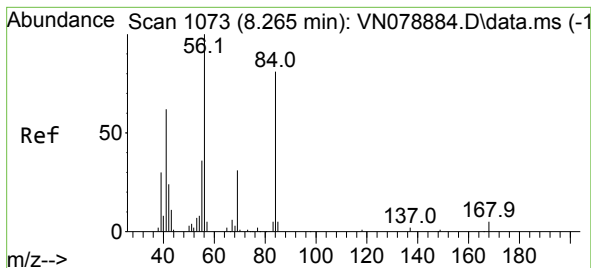
Ion Ratio Lower Upper

42 100

72 25.3 49.8 74.6#

71 12.4 47.4 71.2#





#31

Cyclohexane

Concen: Below Cal

RT: 8.229 min Scan# 1067

Delta R.T. -0.036 min

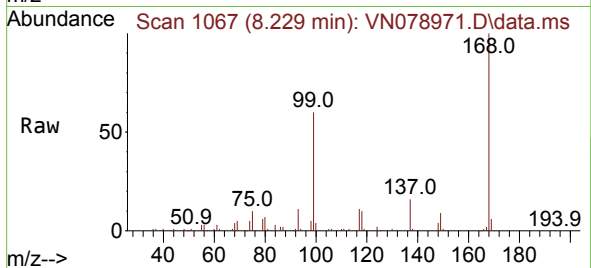
Lab File: VN078971.D

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ClientSampleId :



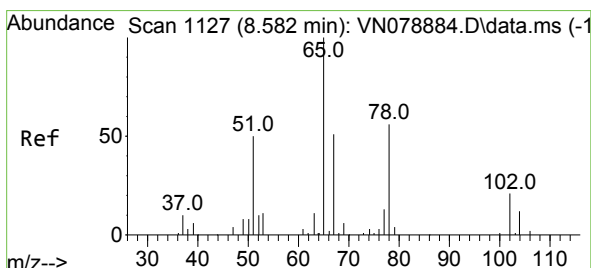
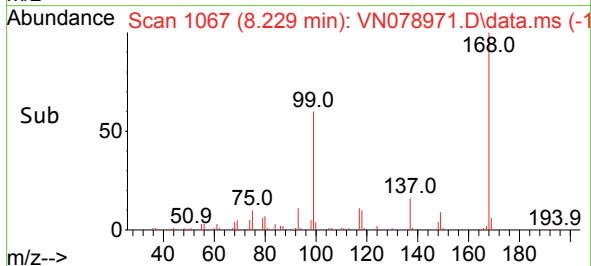
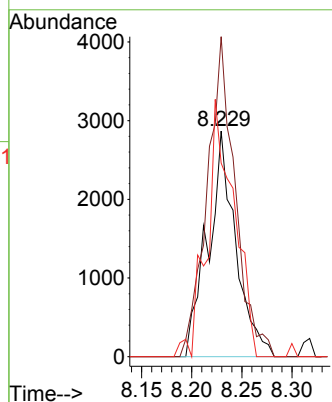
Tgt Ion: 56 Resp: 5523

Ion Ratio Lower Upper

56 100

69 141.9 26.8 40.2#

84 85.8 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 48.003 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.005 min

Lab File: VN078971.D

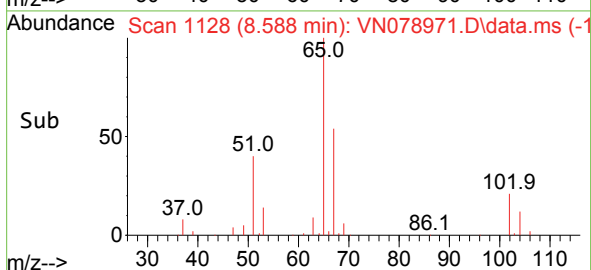
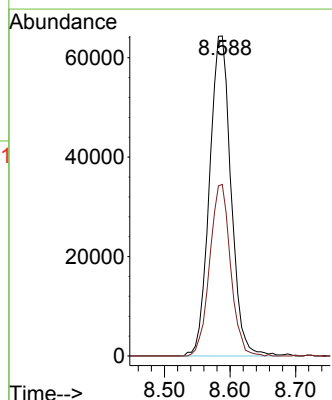
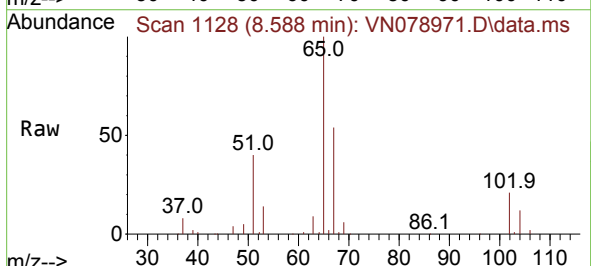
Acq: 21 Aug 2023 13:43

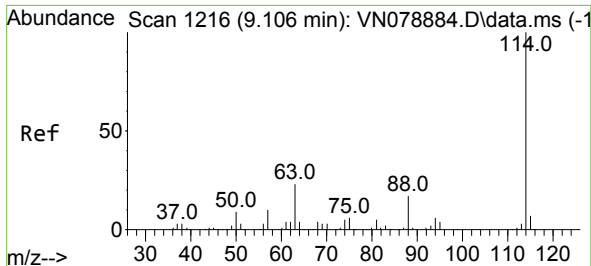
Tgt Ion: 65 Resp: 146718

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

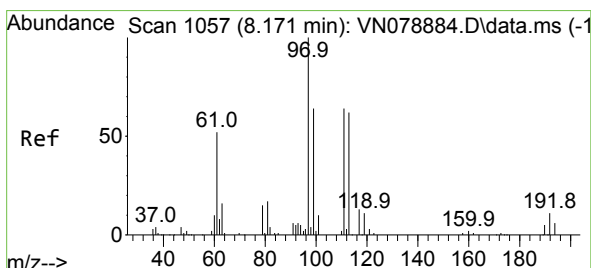
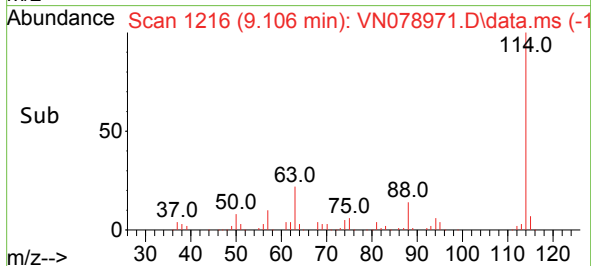
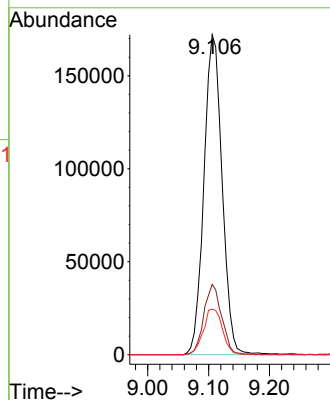
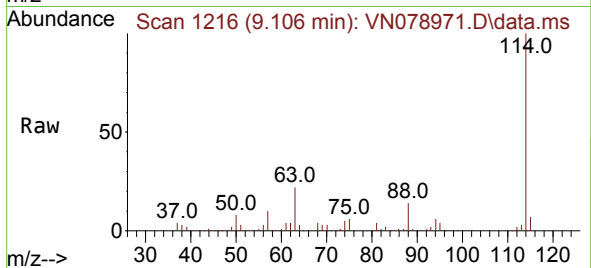
Tgt Ion:114 Resp: 357723

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.663 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

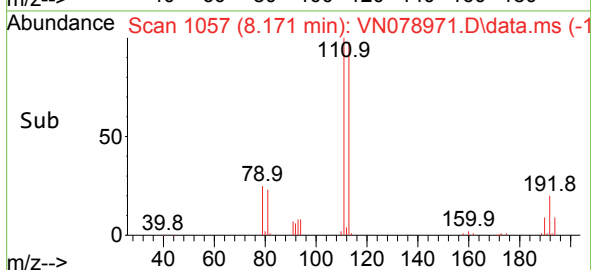
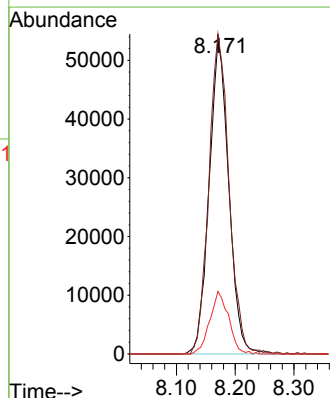
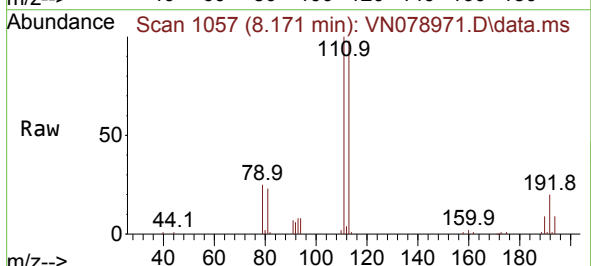
Tgt Ion:113 Resp: 124404

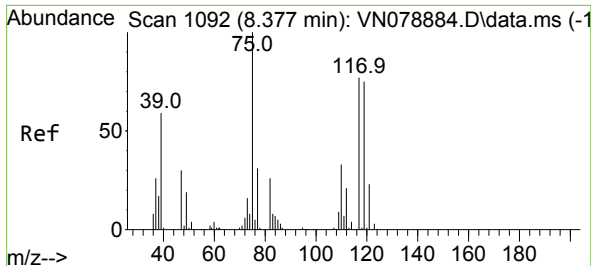
Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

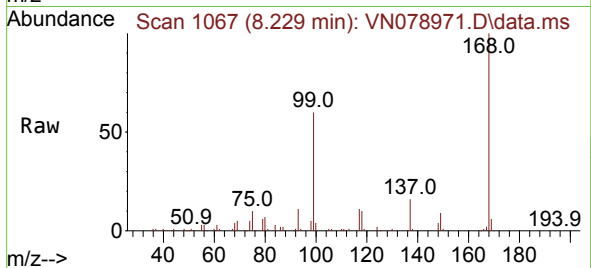
192 19.1 12.7 19.1#



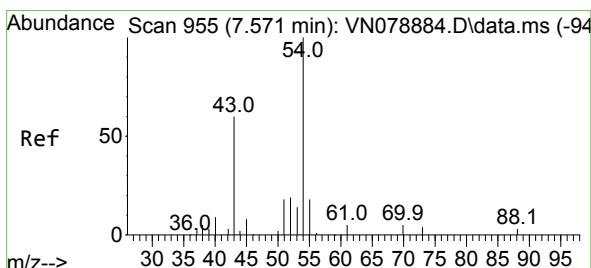
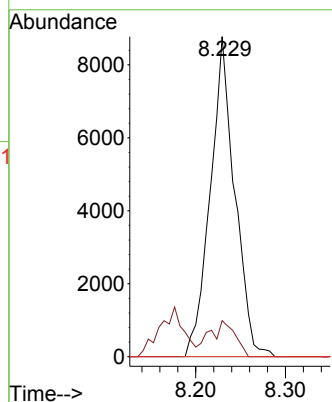
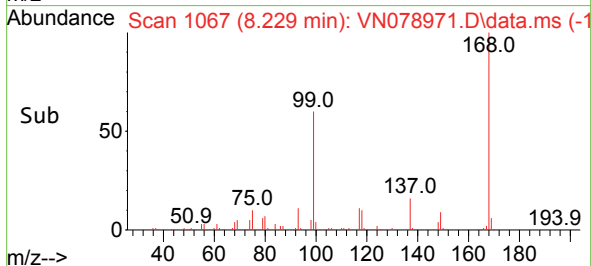


#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :

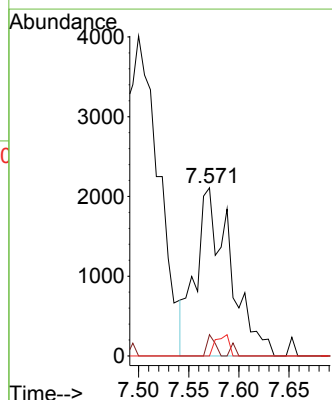
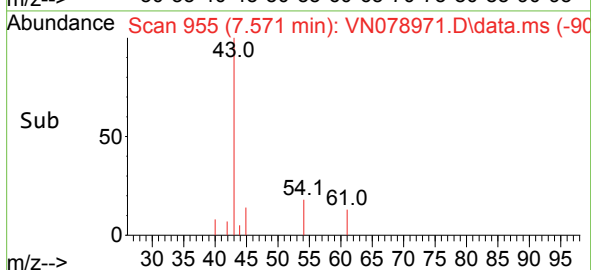
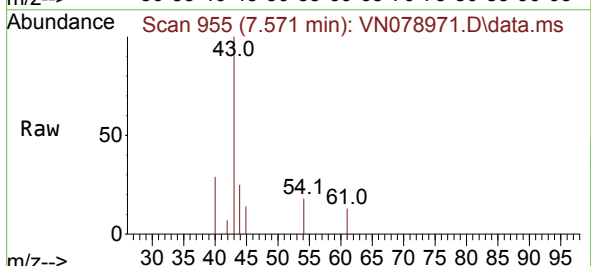


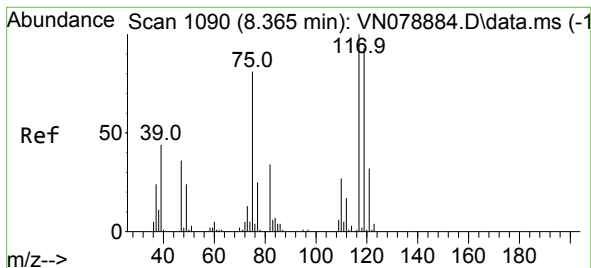
Tgt Ion: 75 Resp: 16618
Ion Ratio Lower Upper
75 100
110 11.7 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.243 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Tgt Ion: 43 Resp: 5036
Ion Ratio Lower Upper
43 100
61 3.0 13.2 19.8#
70 0.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.909 ug/l

RT: 8.229 min Scan# 1107

Delta R.T. -0.142 min

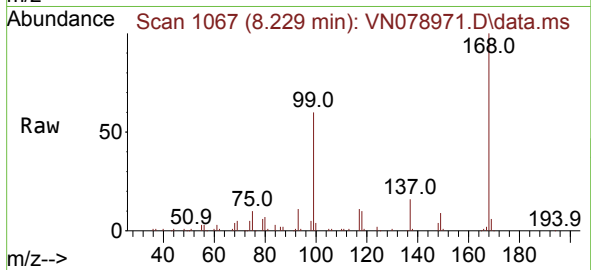
Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :



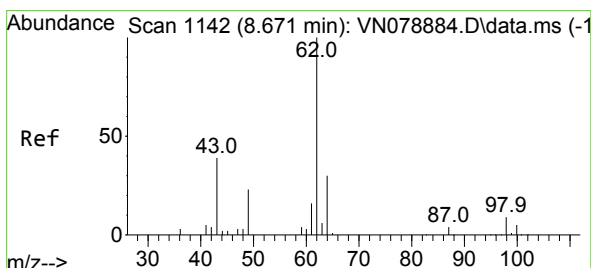
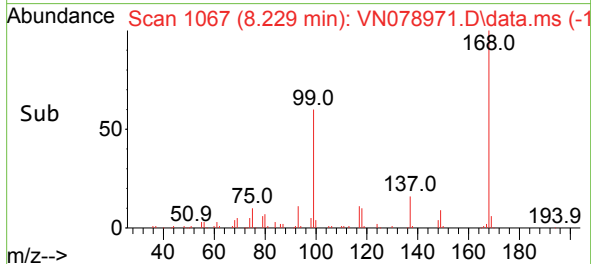
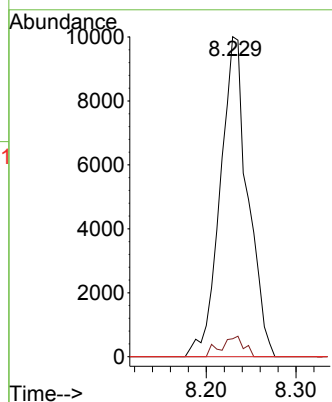
Tgt Ion:117 Resp: 21445

Ion Ratio Lower Upper

117 100

119 5.6 77.3 115.9#

121 0.0 23.3 34.9#



#42

1,2-Dichloroethane

Concen: 0.220 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.005 min

Lab File: VN078971.D

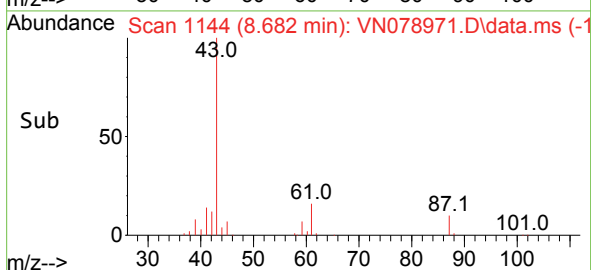
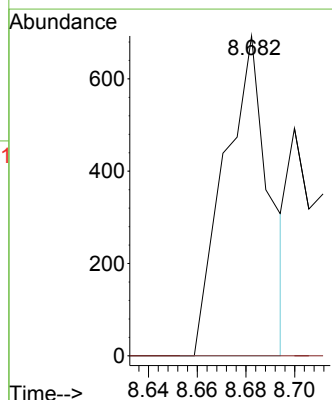
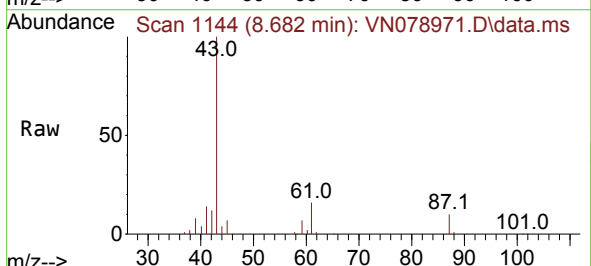
Acq: 21 Aug 2023 13:43

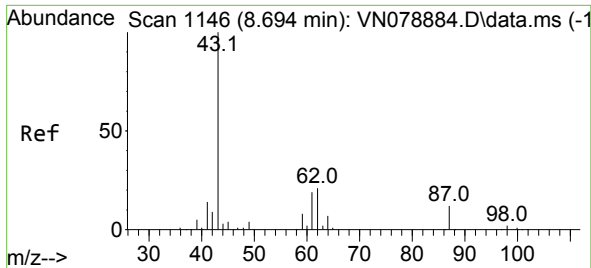
Tgt Ion: 62 Resp: 879

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8

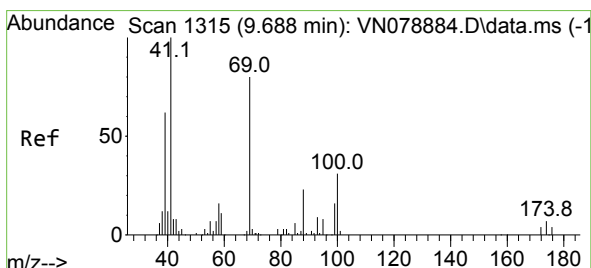
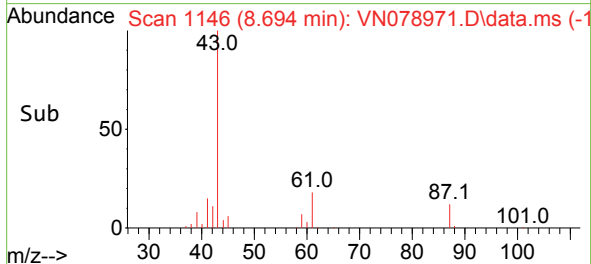
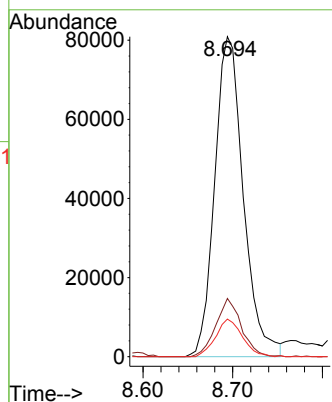
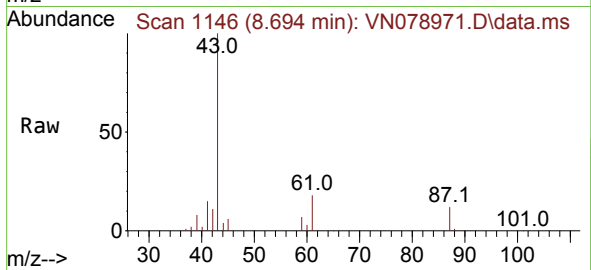




#43
Isopropyl Acetate
Concen: 24.999 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

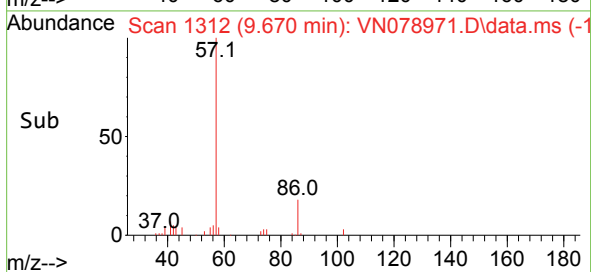
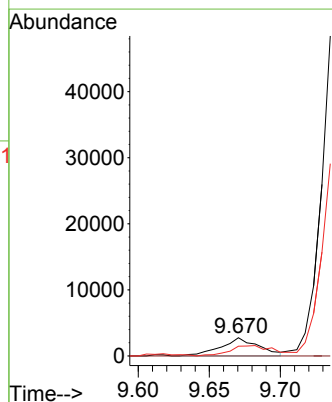
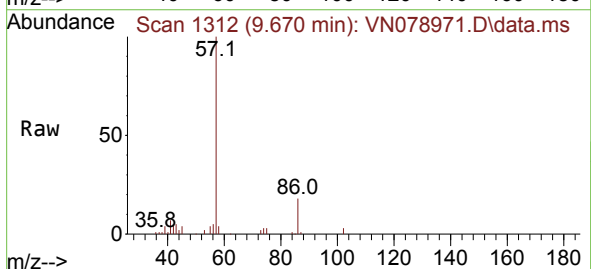
Instrument :
MSVOA_N
ClientSampleId :

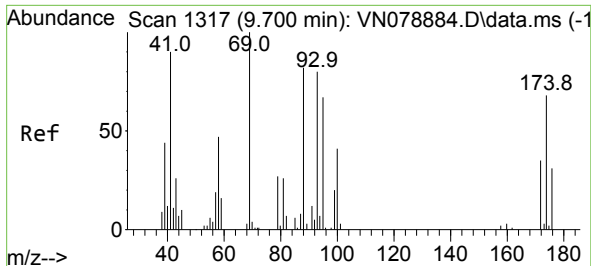
Tgt Ion: 43 Resp: 179073
Ion Ratio Lower Upper
43 100
61 16.3 24.7 37.1#
87 11.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 1.573 ug/l
RT: 9.670 min Scan# 1312
Delta R.T. -0.018 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

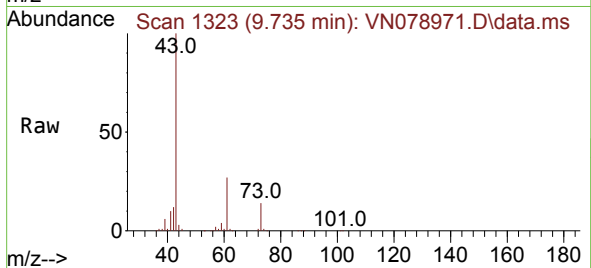
Tgt Ion: 41 Resp: 5107
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 65.2 54.6 81.8



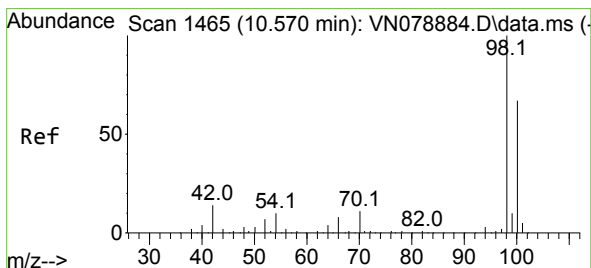
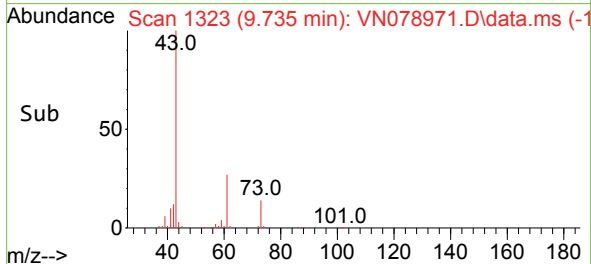
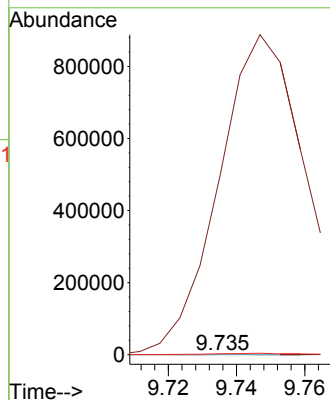


#49
1,4-Dioxane
Concen: 5.842 ug/l
RT: 9.735 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :

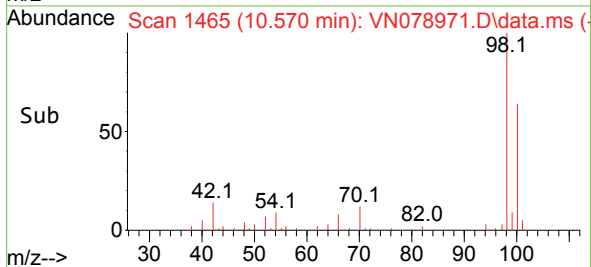
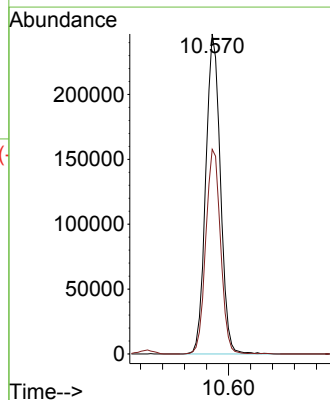
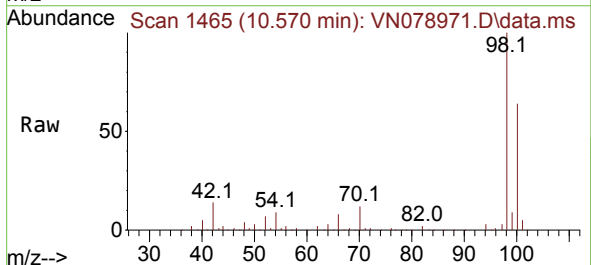


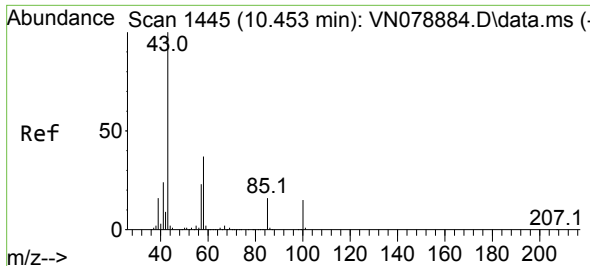
Tgt Ion: 88 Resp: 323
Ion Ratio Lower Upper
88 100
43 500769.3 17.0 25.6#
58 2231.0 47.0 70.4#



#50
Toluene-d8
Concen: 50.964 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Tgt Ion: 98 Resp: 455675
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

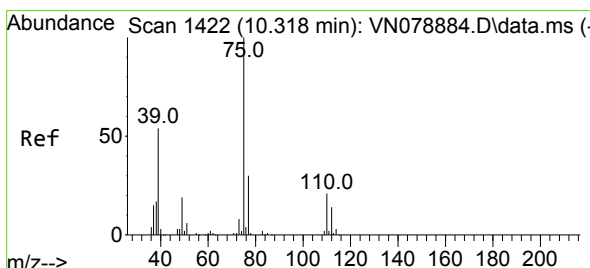
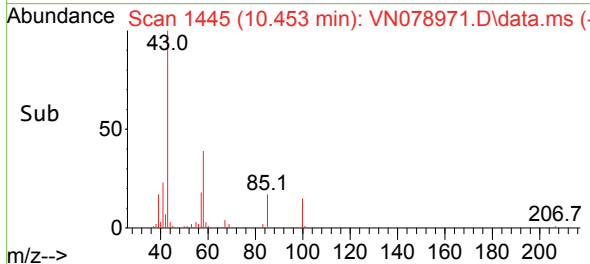
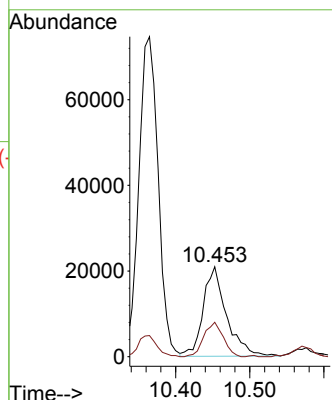
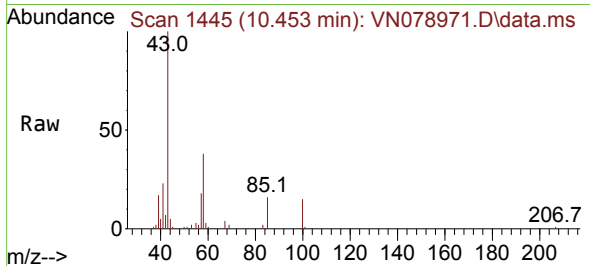




#51
4-Methyl-2-Pentanone
Concen: 10.762 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

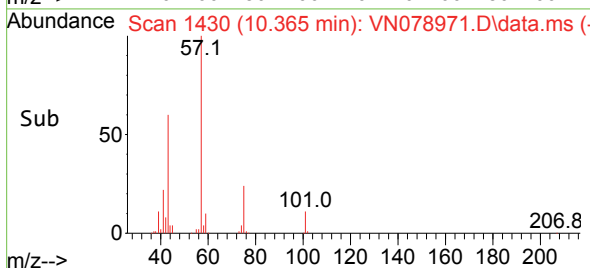
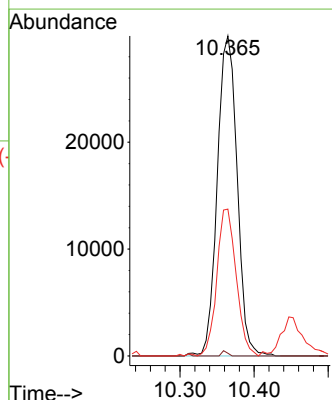
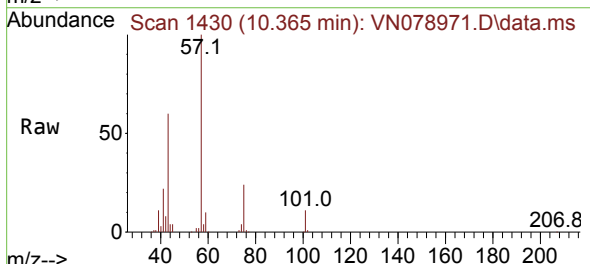
Instrument :
MSVOA_N
ClientSampleId :

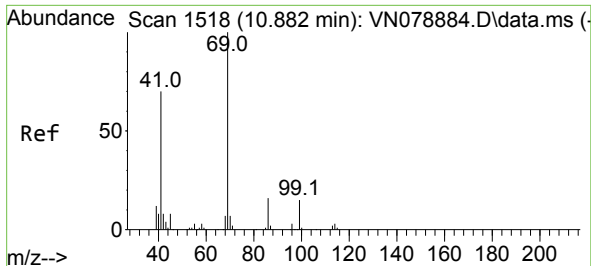
Tgt Ion: 43 Resp: 45722
Ion Ratio Lower Upper
43 100
58 32.1 36.6 54.8#



#54
cis-1,3-Dichloropropene
Concen: 12.349 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

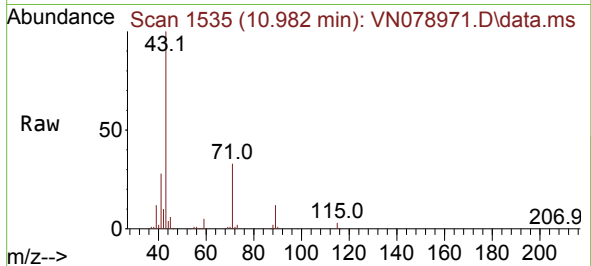
Tgt Ion: 75 Resp: 55684
Ion Ratio Lower Upper
75 100
77 0.9 26.1 39.1#
39 45.4 31.6 47.4



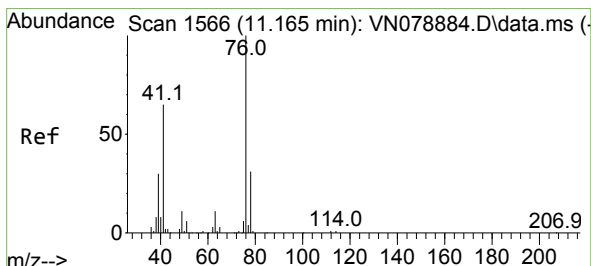
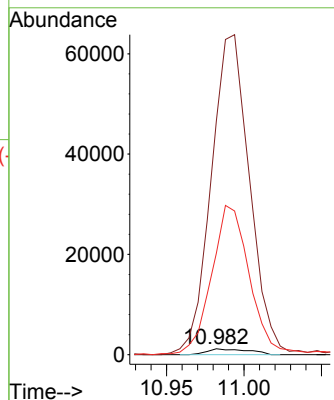
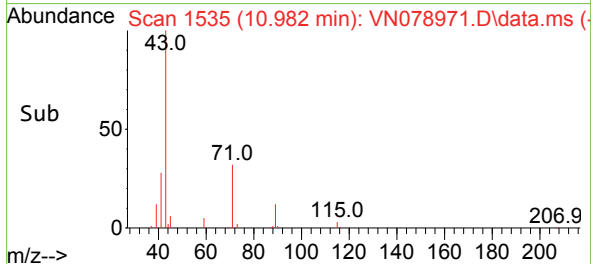


#56
Ethyl methacrylate
Concen: 0.530 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.105 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

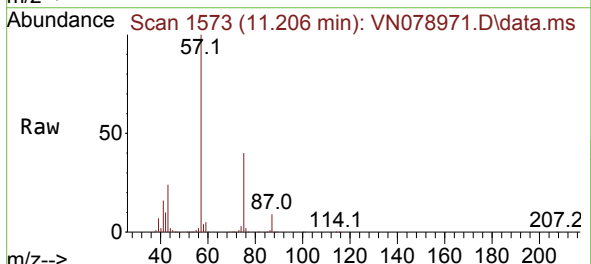
Instrument :
MSVOA_N
ClientSampleId :



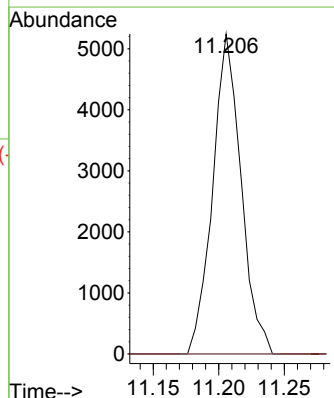
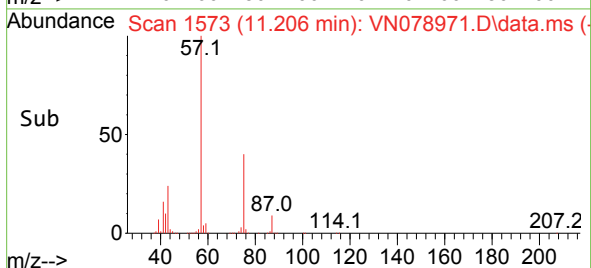
Tgt Ion: 69 Resp: 2167
Ion Ratio Lower Upper
69 100
41 5089.3 39.6 59.4#
39 2344.9 28.6 43.0#

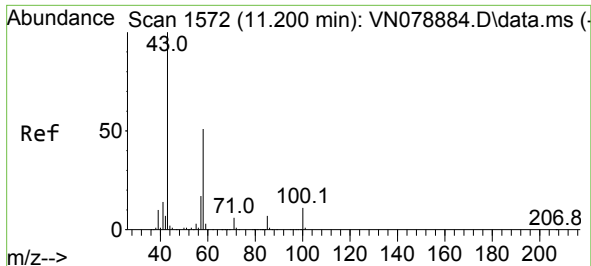


#57
1,3-Dichloropropane
Concen: 1.672 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43



Tgt Ion: 76 Resp: 7882
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

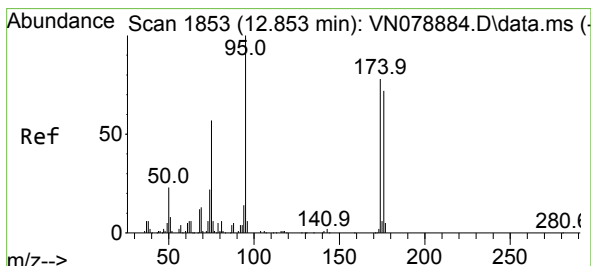
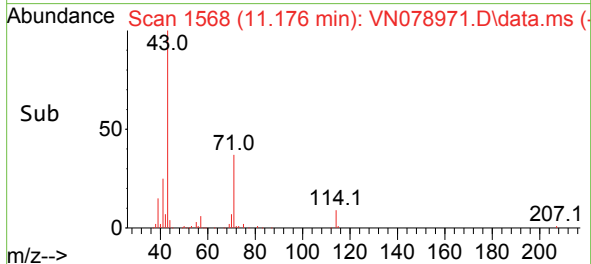
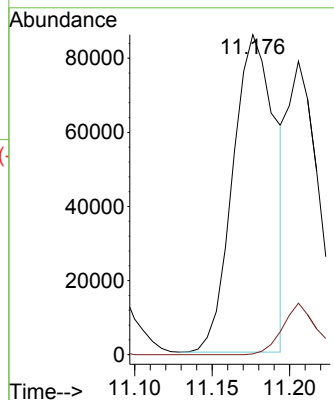
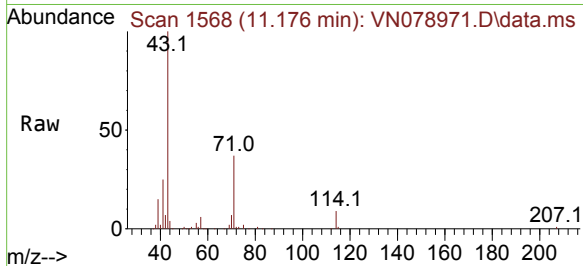




#59
2-Hexanone
Concen: 53.254 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.024 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

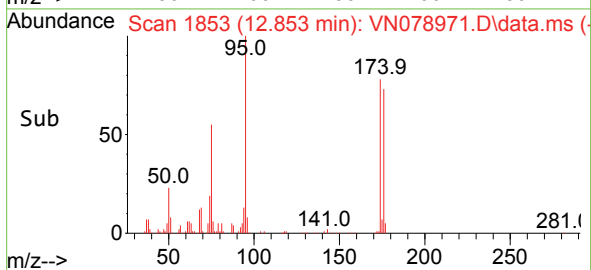
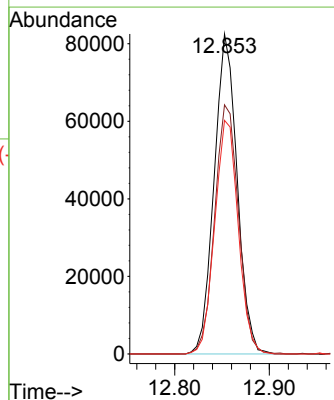
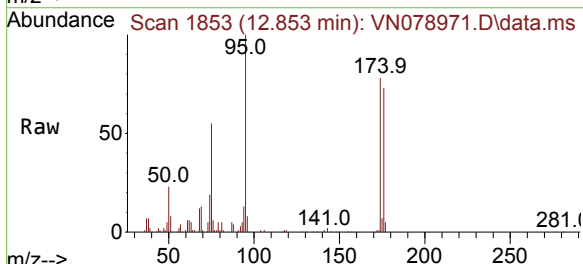
Instrument :
MSVOA_N
ClientSampleId :

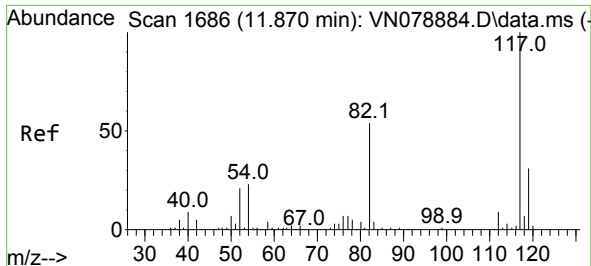
Tgt Ion: 43 Resp: 163874
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 47.645 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Tgt Ion: 95 Resp: 139243
Ion Ratio Lower Upper
95 100
174 80.8 0.0 143.8
176 74.7 0.0 135.8

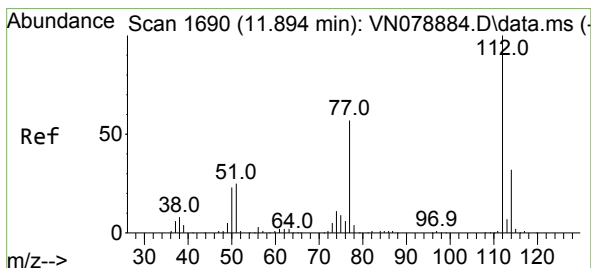
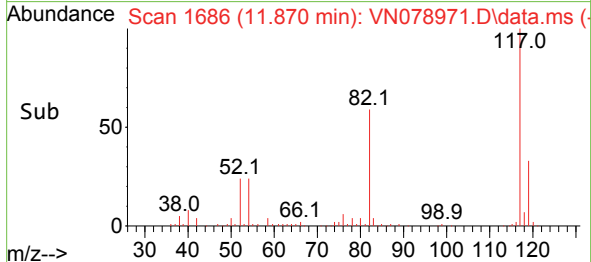
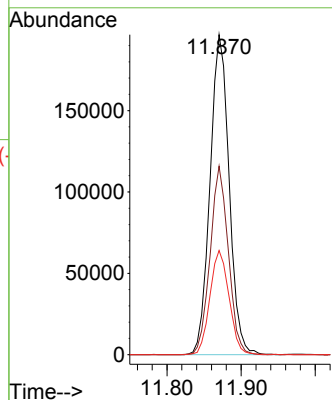
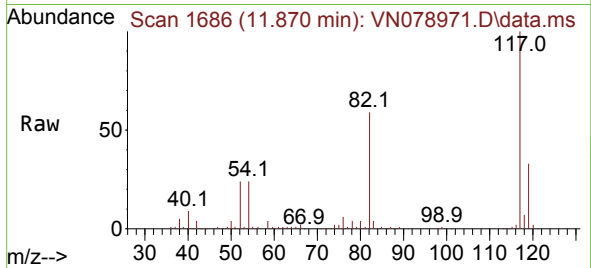




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

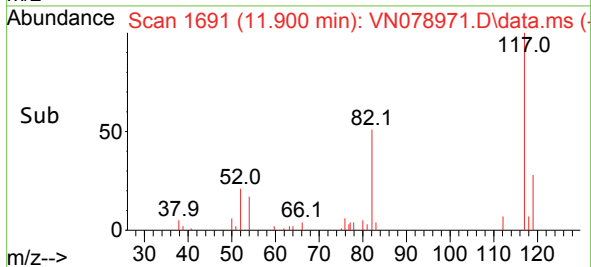
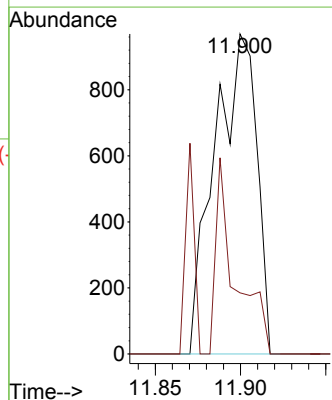
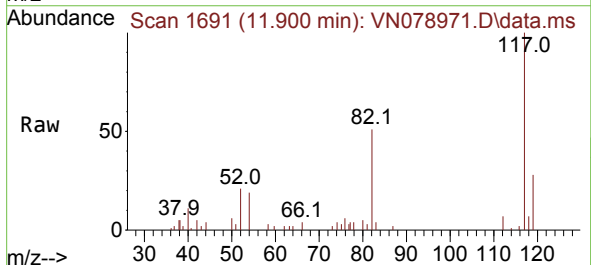
Instrument :
MSVOA_N
ClientSampleId :

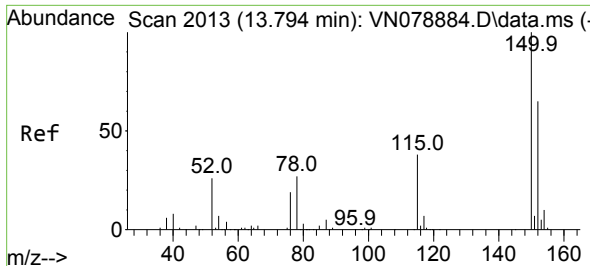
Tgt Ion:117 Resp: 351459
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 32.6 25.6 38.4



#65
Chlorobenzene
Concen: 0.222 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

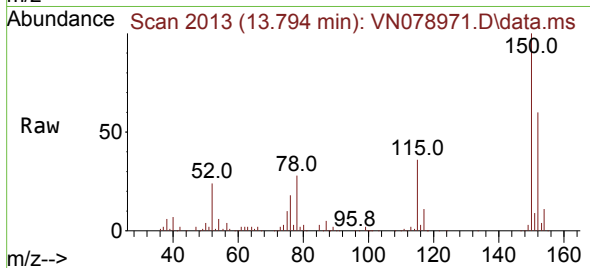
Tgt Ion:112 Resp: 1659
Ion Ratio Lower Upper
112 100
114 19.1 25.0 37.4#



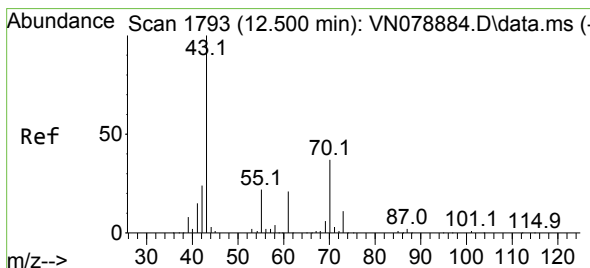
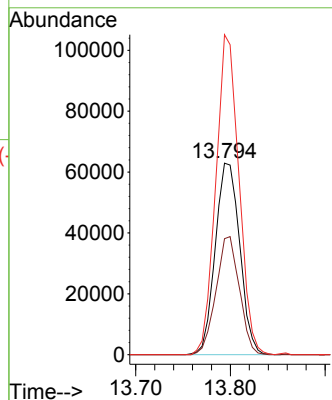
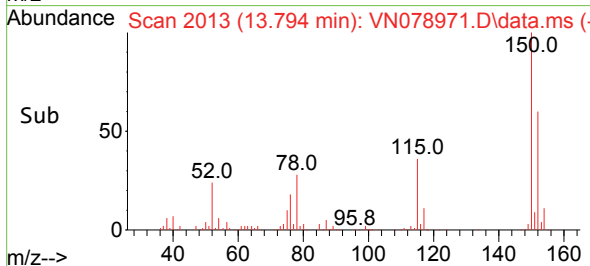


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078971.D
 Acq: 21 Aug 2023 13:43

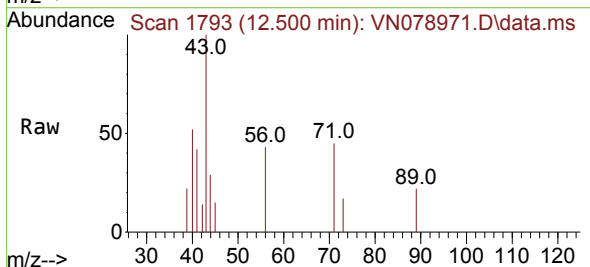
Instrument :
 MSVOA_N
 ClientSampleId :



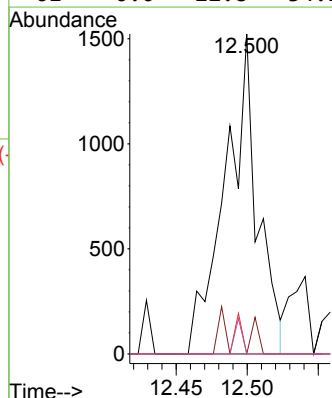
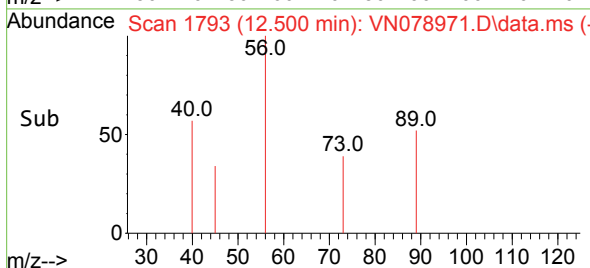
Tgt Ion:152 Resp: 112983
 Ion Ratio Lower Upper
 152 100
 115 58.9 32.3 96.8
 150 157.4 0.0 355.8

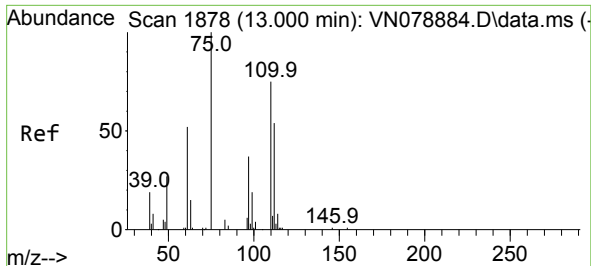


#74
 N-ethyl acetate
 Concen: 0.505 ug/l
 RT: 12.500 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VN078971.D
 Acq: 21 Aug 2023 13:43



Tgt Ion: 43 Resp: 2400
 Ion Ratio Lower Upper
 43 100
 70 2.5 43.4 65.2#
 55 2.8 21.4 32.0#
 61 0.0 22.8 34.2#

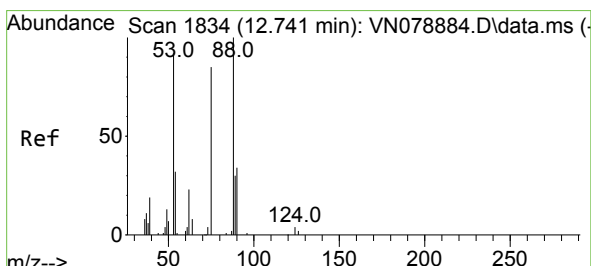
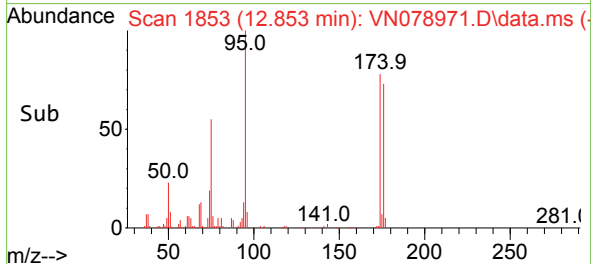
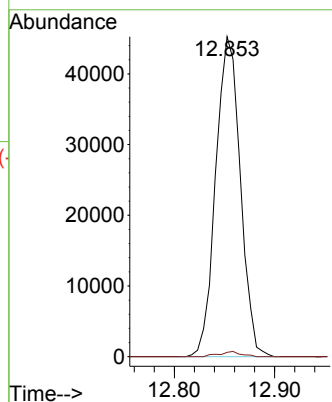
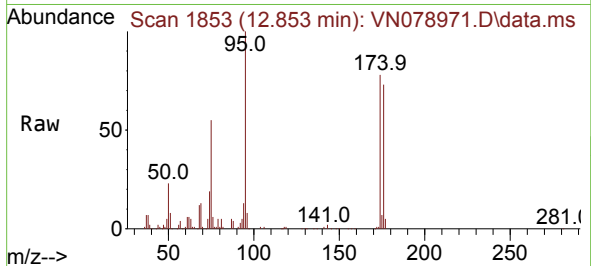




#76
1,2,3-Trichloropropane
Concen: 28.298 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

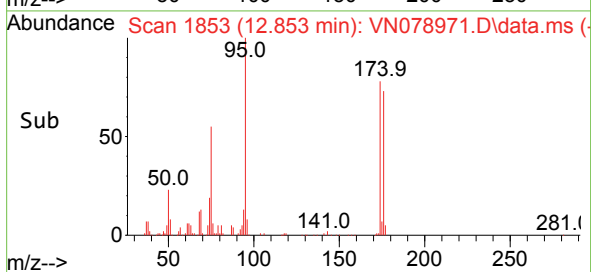
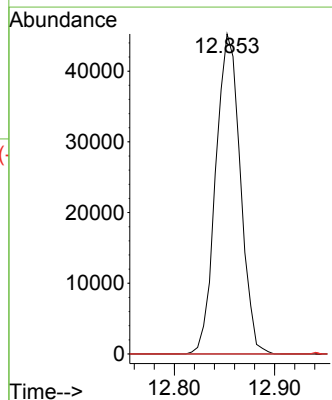
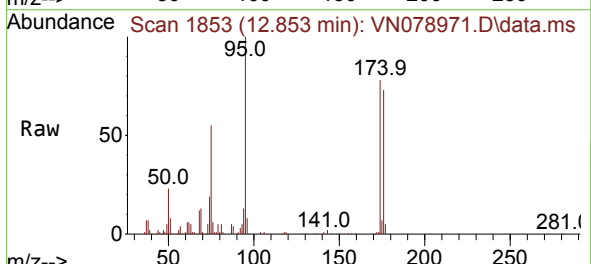
Instrument :
MSVOA_N
ClientSampleId :

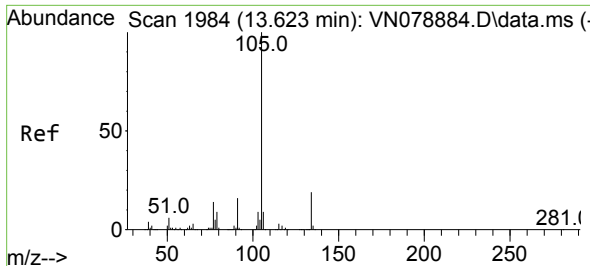
Tgt Ion: 75 Resp: 77038
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.290 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Tgt Ion: 75 Resp: 77038
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

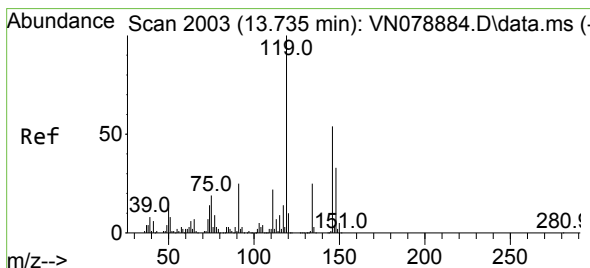
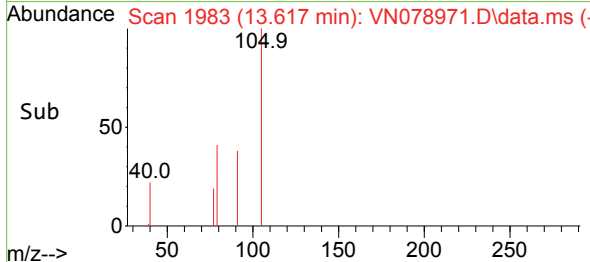
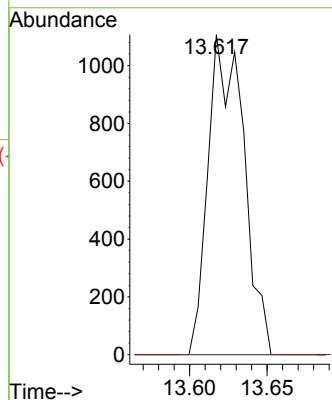
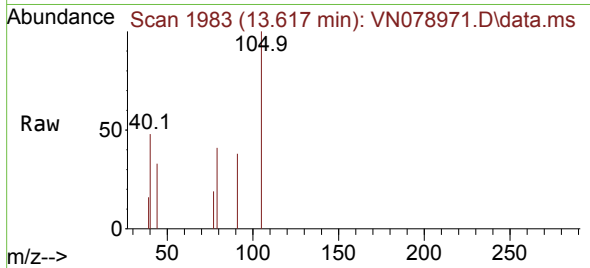




#85
 sec-Butylbenzene
 Concen: 0.205 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078971.D
 Acq: 21 Aug 2023 13:43

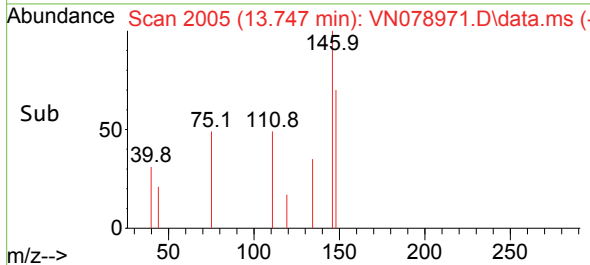
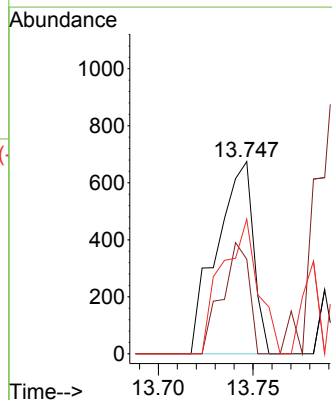
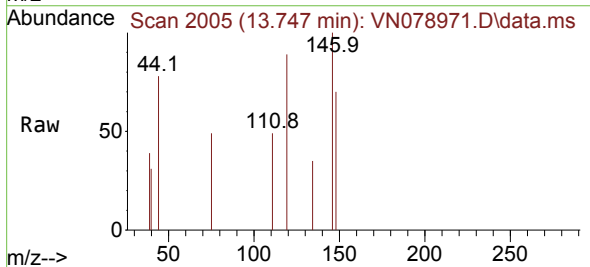
Instrument :
 MSVOA_N
 ClientSampleId :

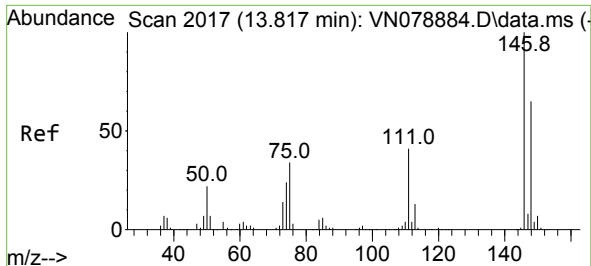
Tgt Ion:105 Resp: 1766
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#87
 1,3-Dichlorobenzene
 Concen: 0.233 ug/l
 RT: 13.747 min Scan# 2005
 Delta R.T. 0.006 min
 Lab File: VN078971.D
 Acq: 21 Aug 2023 13:43

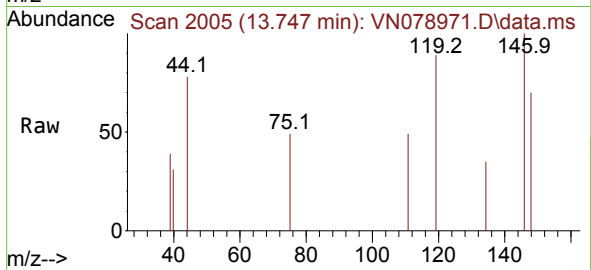
Tgt Ion:146 Resp: 908
 Ion Ratio Lower Upper
 146 100
 111 42.7 22.1 66.3
 148 69.1 32.0 96.0



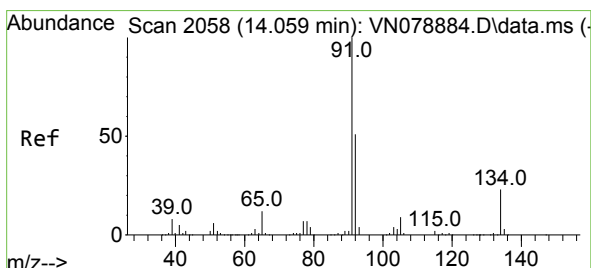
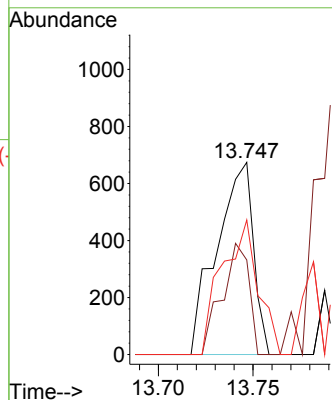
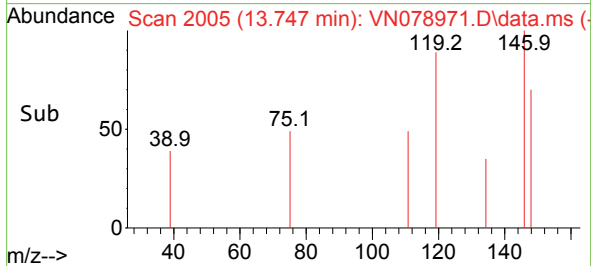


#88
1,4-Dichlorobenzene
Concen: 0.233 ug/l
RT: 13.747 min Scan# 2017
Delta R.T. -0.071 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

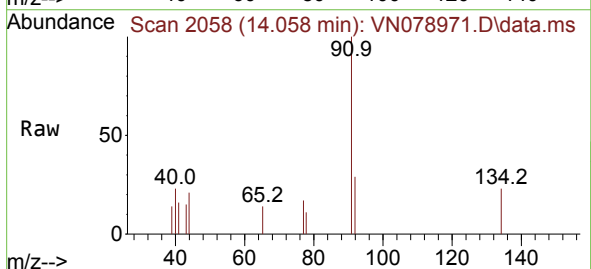
Instrument :
MSVOA_N
ClientSampleId :



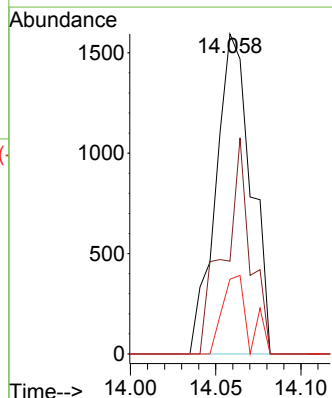
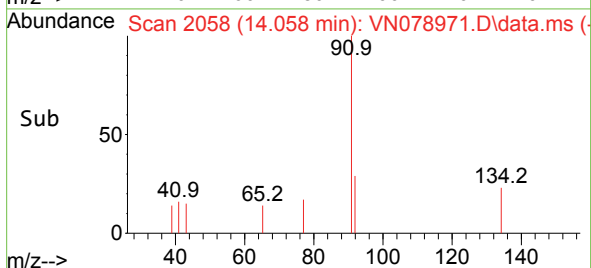
Tgt Ion:146 Resp: 908
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 69.1 31.6 94.8

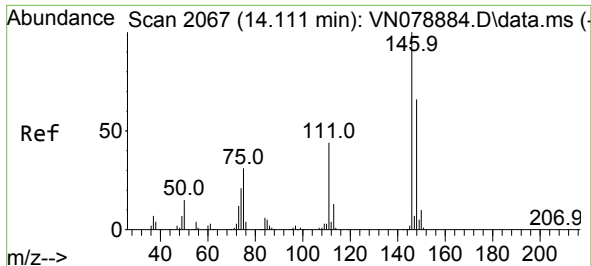


#89
n-Butylbenzene
Concen: 0.405 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.001 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43



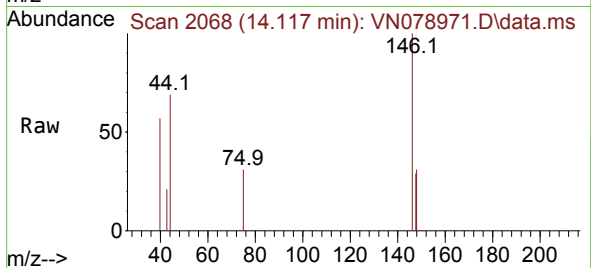
Tgt Ion: 91 Resp: 2296
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.0
134 18.2 12.6 37.6



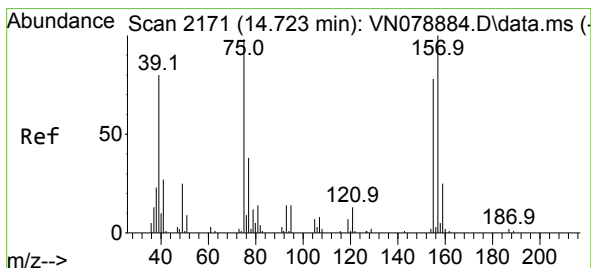
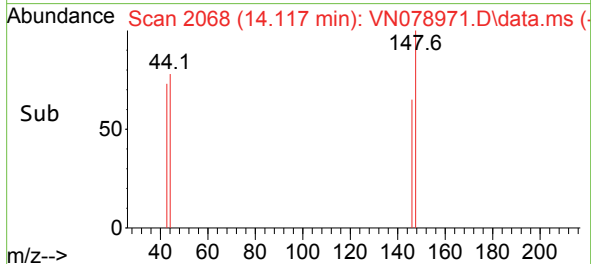
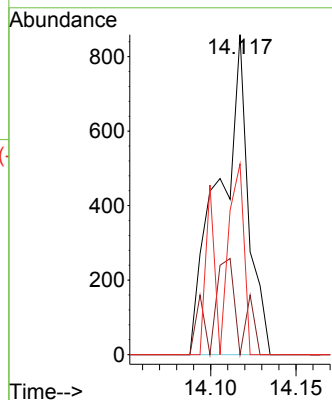


#91
1,2-Dichlorobenzene
Concen: 0.266 ug/l
RT: 14.117 min Scan# 2067
Delta R.T. 0.005 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :

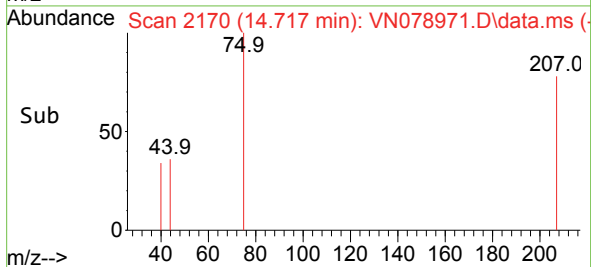
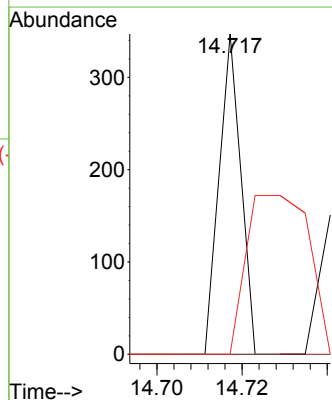
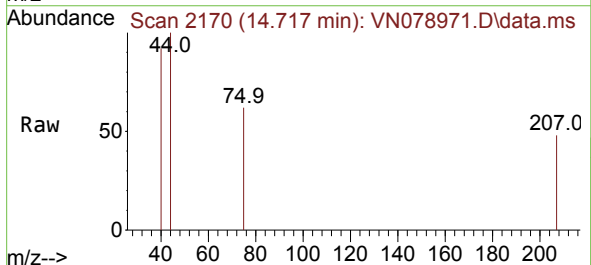


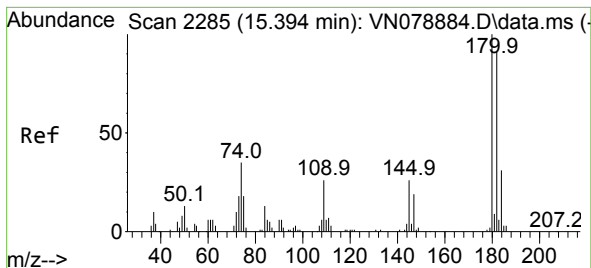
Tgt Ion:146 Resp: 1030
Ion Ratio Lower Upper
146 100
111 28.1 22.0 66.0
148 46.4 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 143.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 0.751 ug/l

RT: 15.399 min Scan# 21

Delta R.T. -0.001 min

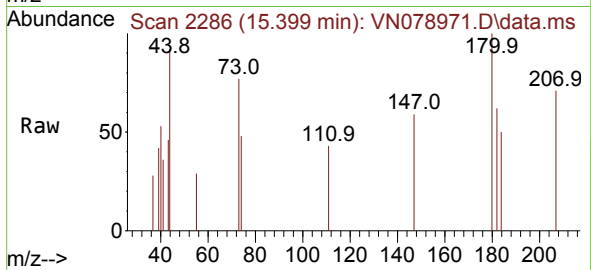
Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :



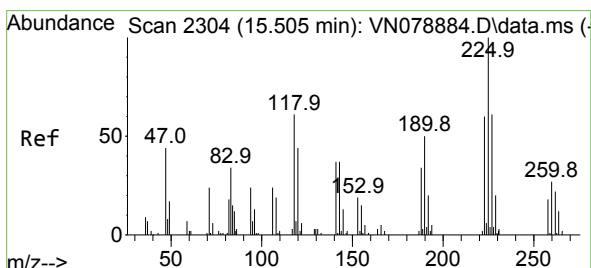
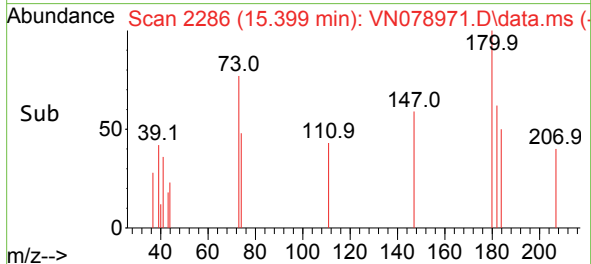
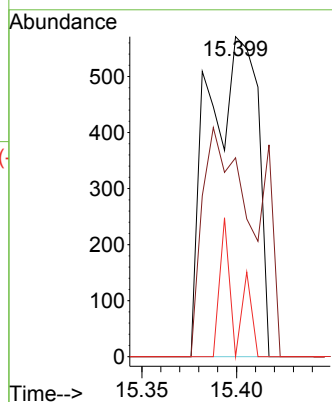
Tgt Ion:180 Resp: 1032

Ion Ratio Lower Upper

180 100

182 75.6 46.1 138.2

145 13.7 16.6 49.8#



#94

Hexachlorobutadiene

Concen: 0.625 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN078971.D

Acq: 21 Aug 2023 13:43

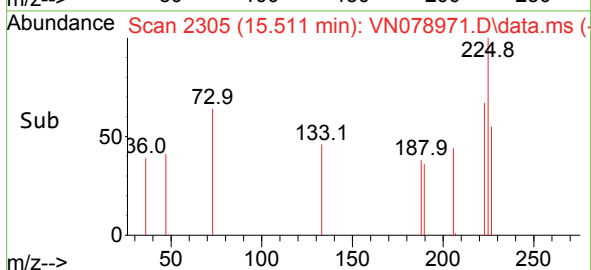
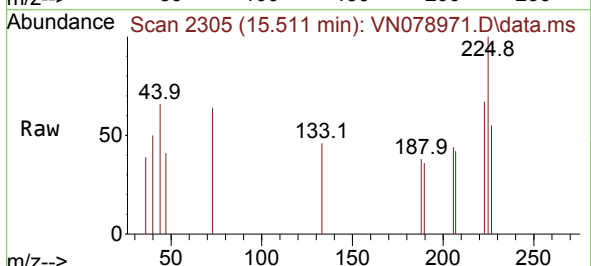
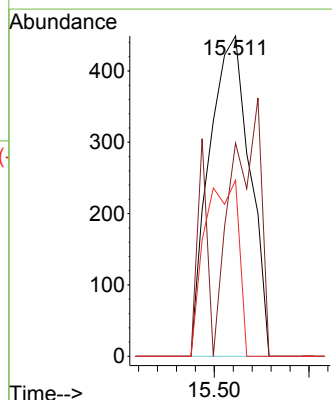
Tgt Ion:225 Resp: 667

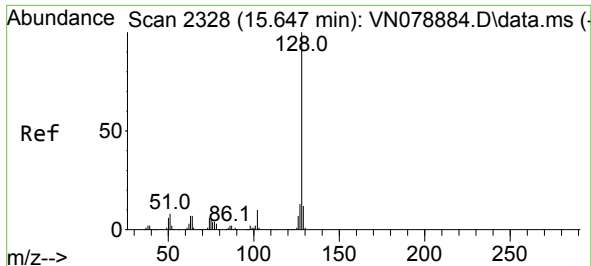
Ion Ratio Lower Upper

225 100

223 57.0 31.3 93.8

227 45.4 31.9 95.9

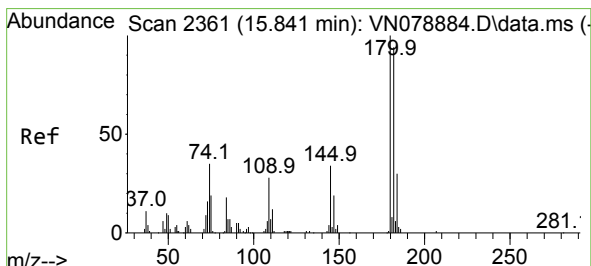
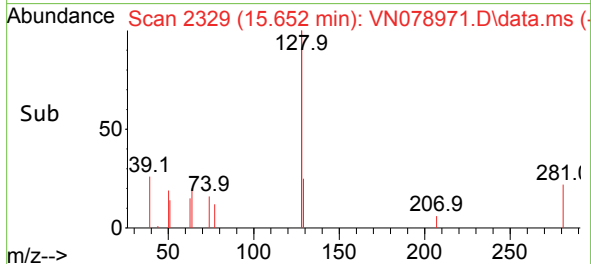
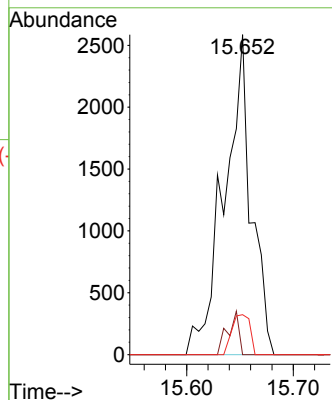
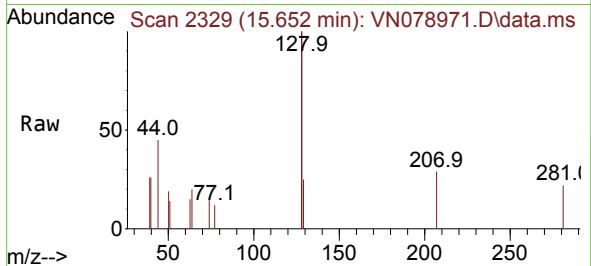




#95
Naphthalene
Concen: 3.401 ug/l
RT: 15.652 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4534
Ion Ratio Lower Upper
128 100
127 5.6 10.0 15.0#
129 8.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.875 ug/l
RT: 15.852 min Scan# 2363
Delta R.T. 0.005 min
Lab File: VN078971.D
Acq: 21 Aug 2023 13:43

Tgt Ion:180 Resp: 1317
Ion Ratio Lower Upper
180 100
182 83.4 46.2 138.6
145 34.0 17.5 52.6

