

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078436.D
 Acq On : 28 Jun 2023 13:02
 Operator : JC\MD
 Sample : PB153822TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153822TB

Quant Time: Jun 29 05:19:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	452576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	815724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	773905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	251386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	302663	50.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	8.171	113	294739	57.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.300%			
50) Toluene-d8	10.571	98	983178	49.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.900%			
62) 4-Bromofluorobenzene	12.853	95	329480	53.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.600%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1251	Below Cal	#	85
5) Bromomethane	2.965	94	3219	0.636	ug/l #	80
6) Chloroethane	3.130	64	1302	0.285	ug/l #	43
10) Methyl Iodide	4.600	142	1521	0.224	ug/l #	89
11) Tert butyl alcohol	5.530	59	1704	2.045	ug/l #	72
13) Acrolein	4.200	56	430	0.468	ug/l #	69
15) Acrylonitrile	5.753	53	1193	0.555	ug/l #	69
16) Acetone	4.436	43	207125	119.252	ug/l	93
17) Carbon Disulfide	4.712	76	4379	0.344	ug/l #	76
18) Methyl Acetate	5.059	43	4966	0.621	ug/l #	78
20) Methylene Chloride	5.289	84	24523	4.273	ug/l #	93
25) 2-Butanone	7.494	43	72915	27.299	ug/l	94
29) Tetrahydrofuran	7.853	42	1698	0.951	ug/l	96
31) Cyclohexane	8.224	56	10449	1.350	ug/l #	39
36) 1,1-Dichloropropene	8.230	75	37241	5.034	ug/l #	48
37) Ethyl Acetate	7.571	43	80124	13.864	ug/l	96
38) Carbon Tetrachloride	8.235	117	47705	6.107	ug/l #	17
42) 1,2-Dichloroethane	8.694	62	2601	0.343	ug/l #	73
43) Isopropyl Acetate	8.694	43	342465	30.984	ug/l #	85
48) Methyl methacrylate	9.677	41	8930	1.925	ug/l #	36
49) 1,4-Dioxane	9.712	88	343	3.518	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	475278	81.658	ug/l	92
54) cis-1,3-Dichloropropene	10.365	75	132698	15.331	ug/l #	65
57) 1,3-Dichloropropane	11.206	76	17320	1.945	ug/l #	43
59) 2-Hexanone	11.176	43	298675	73.699	ug/l #	19
68) m/p-Xylenes	12.065	106	2594	0.238	ug/l #	63
74) N-amyl acetate	12.494	43	4032	0.515	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.941	83	1212	Below Cal	#	75
76) 1,2,3-Trichloropropane	12.853	75	170631	28.712	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	170631	88.212	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.488	105	4509	0.242	ug/l	84
87) 1,3-Dichlorobenzene	13.735	146	2764	0.296	ug/l	97
88) 1,4-Dichlorobenzene	13.735	146	2764	0.307	ug/l	96
89) n-Butylbenzene	14.065	91	6797	0.485	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	3211	0.352	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.723	75	347	0.295	ug/l #	64

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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

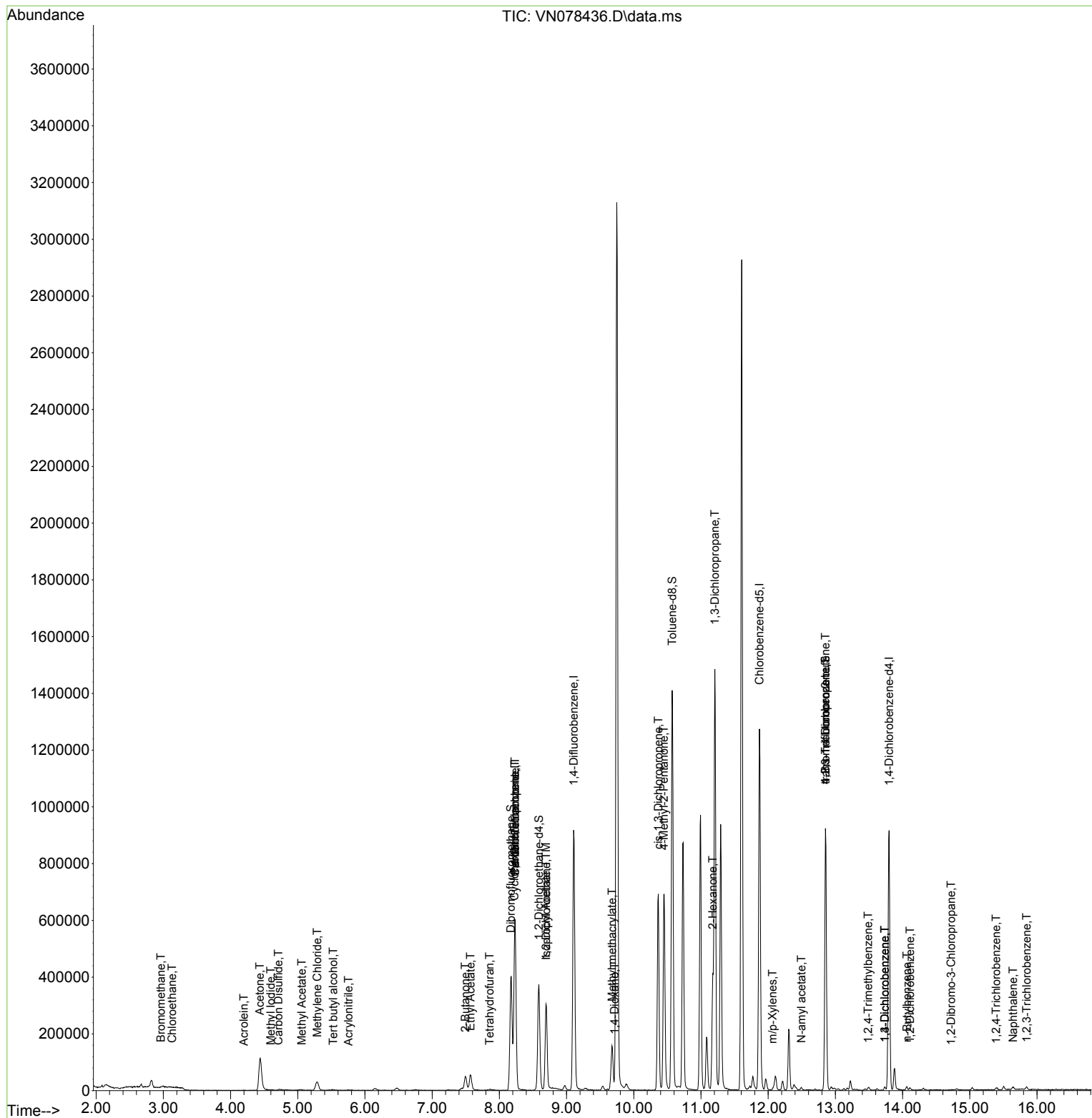
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.394	180	2778	0.855	ug/l #	58
94) Hexachlorobutadiene	15.511	225	1899	Below Cal		90
95) Naphthalene	15.647	128	8599	0.786	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	3320	0.913	ug/l	93

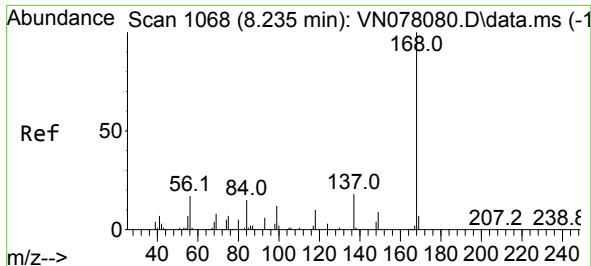
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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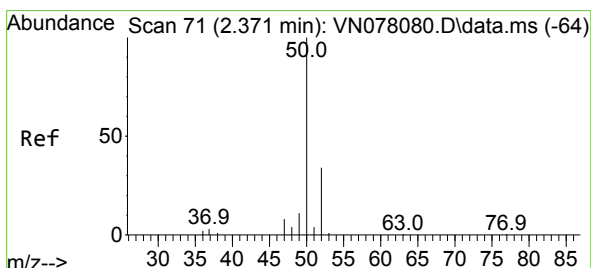
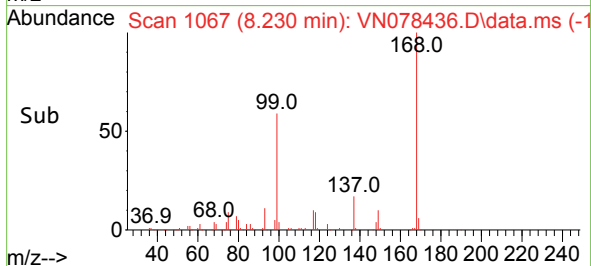
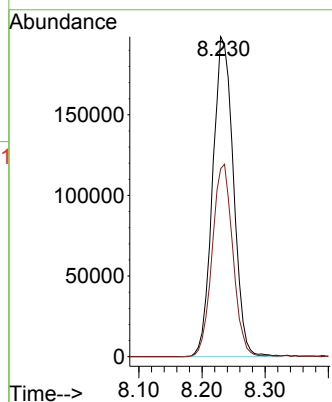
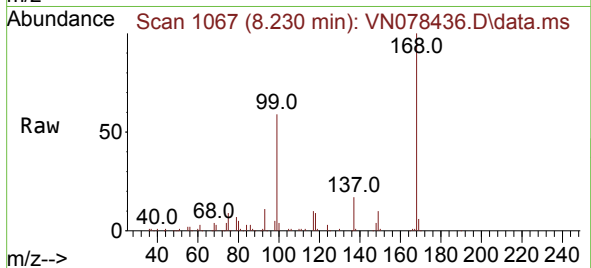




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

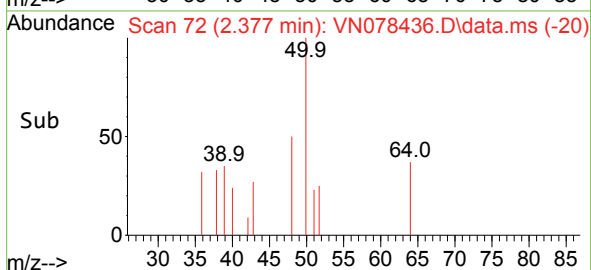
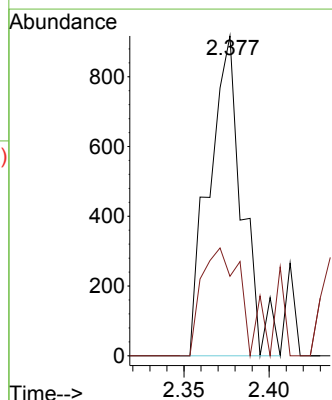
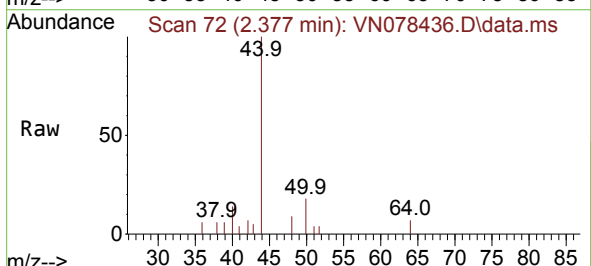
Instrument :
MSVOA_N
ClientSampleId :
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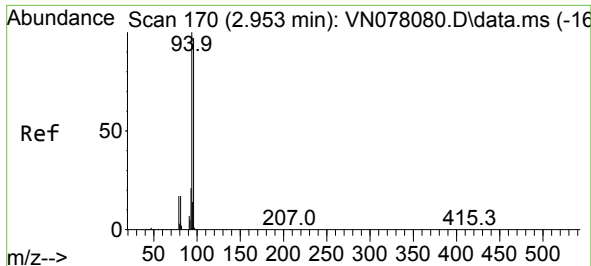
Tgt Ion:168 Resp: 452576
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 50 Resp: 1251
Ion Ratio Lower Upper
50 100
52 24.9 26.5 39.7#

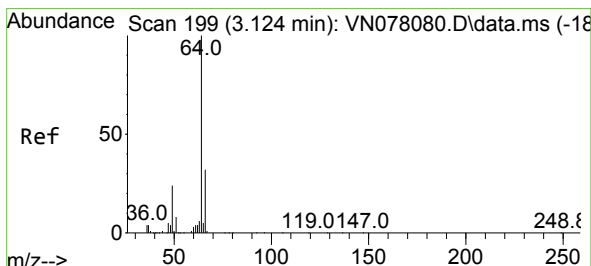
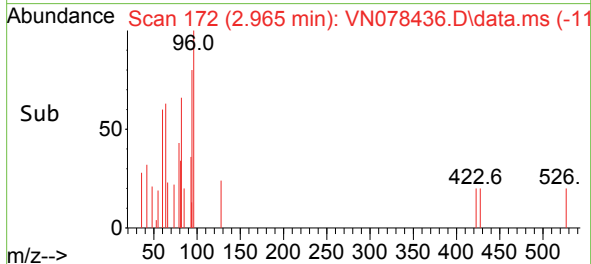
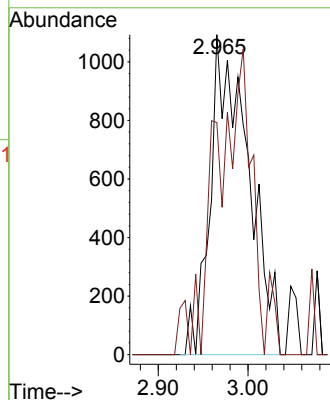
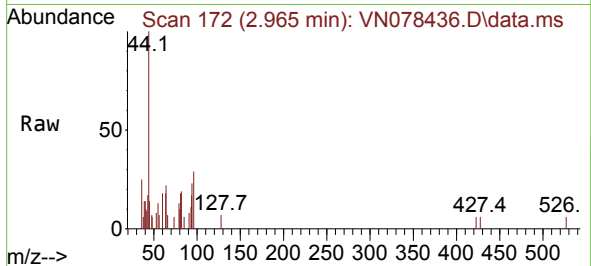




#5
Bromomethane
Concen: 0.636 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

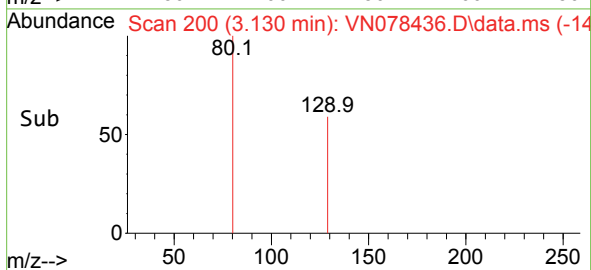
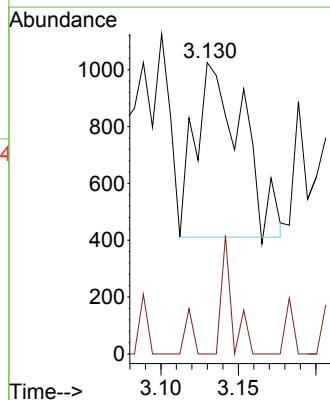
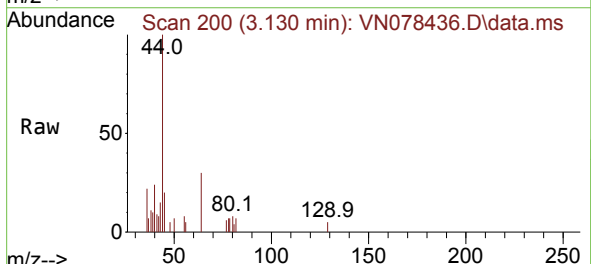
Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

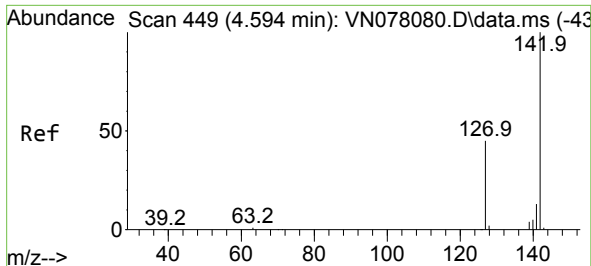
Tgt Ion: 94 Resp: 3219
Ion Ratio Lower Upper
94 100
96 72.6 73.1 109.7#



#6
Chloroethane
Concen: 0.285 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 64 Resp: 1302
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

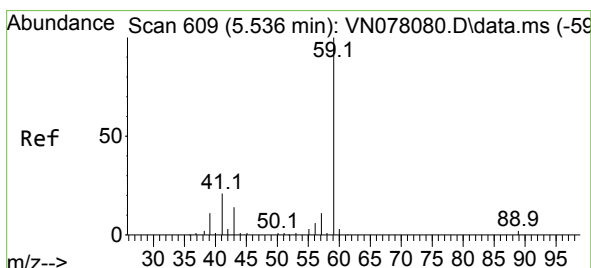
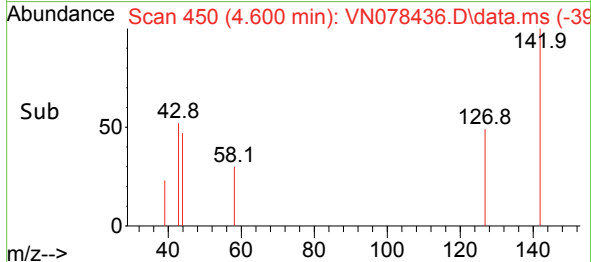
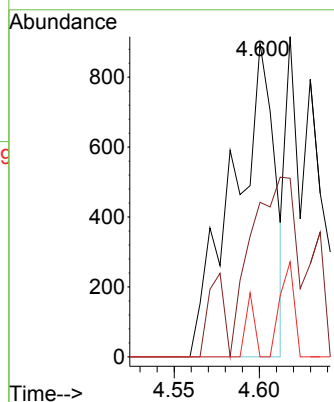
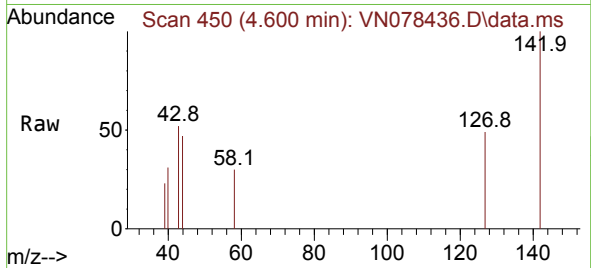




#10
Methyl Iodide
Concen: 0.224 ug/l
RT: 4.600 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

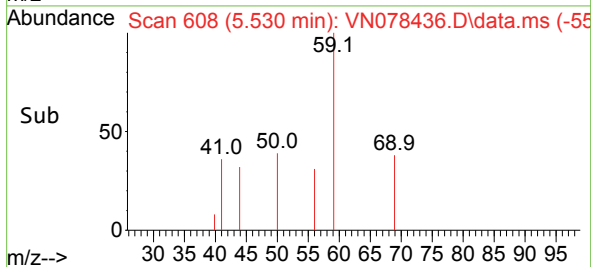
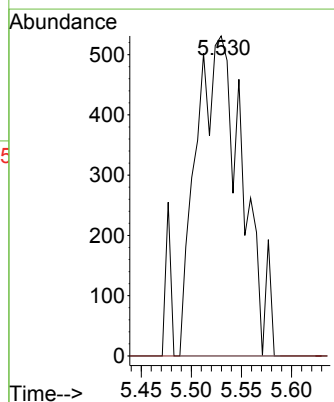
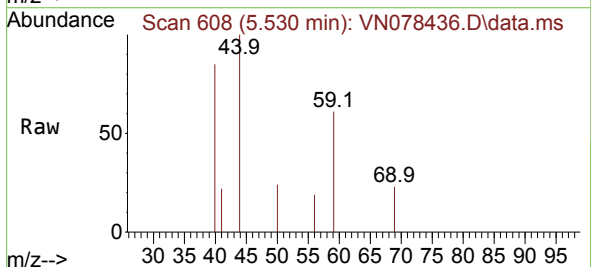
Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

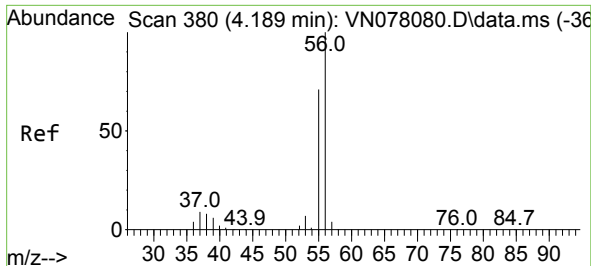
Tgt Ion:142 Resp: 1521
Ion Ratio Lower Upper
142 100
127 49.3 37.6 56.4
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.045 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 59 Resp: 1704
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

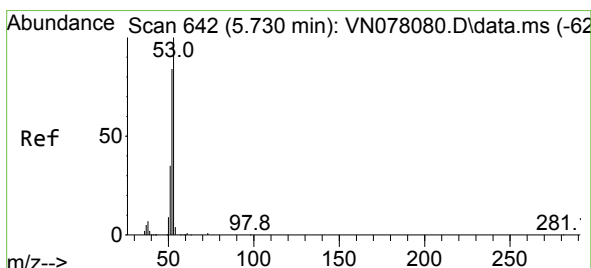
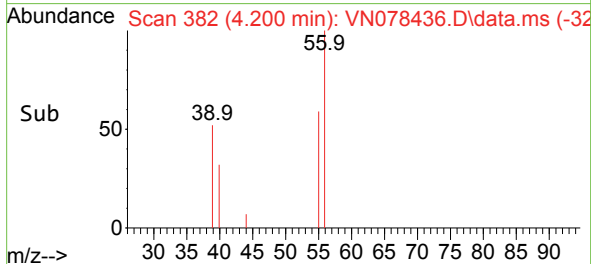
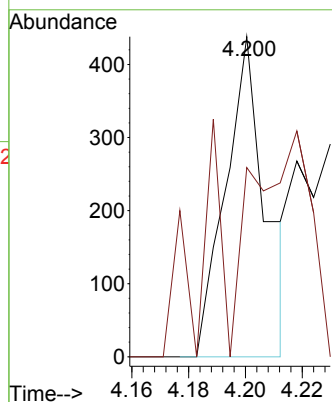
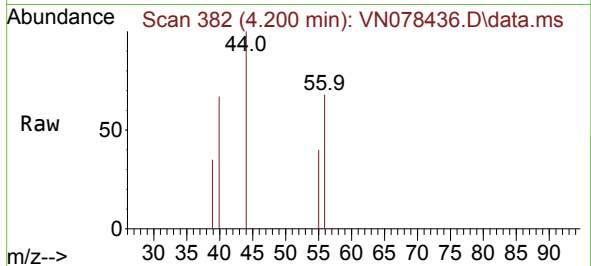




#13
Acrolein
Concen: 0.468 ug/l
RT: 4.200 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

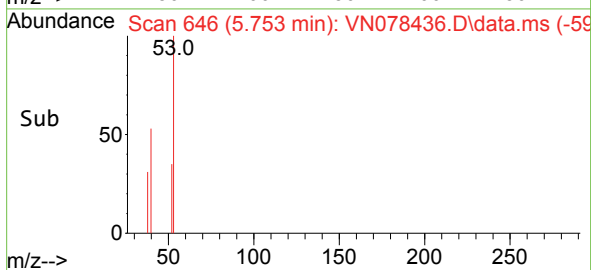
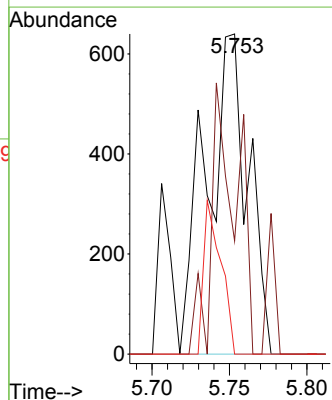
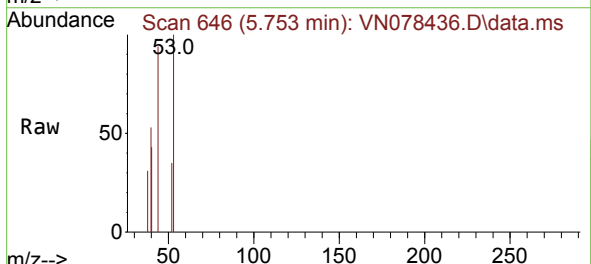
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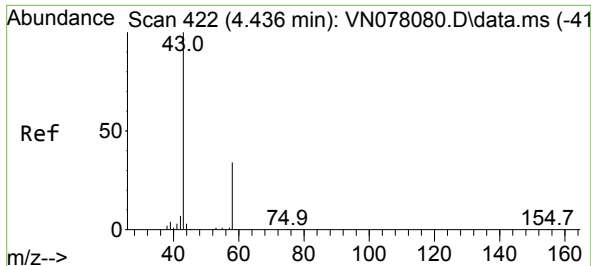
Tgt Ion: 56 Resp: 430
Ion Ratio Lower Upper
56 100
55 43.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.555 ug/l
RT: 5.753 min Scan# 646
Delta R.T. 0.024 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 53 Resp: 1193
Ion Ratio Lower Upper
53 100
52 52.1 65.3 97.9#
51 20.0 28.9 43.3#

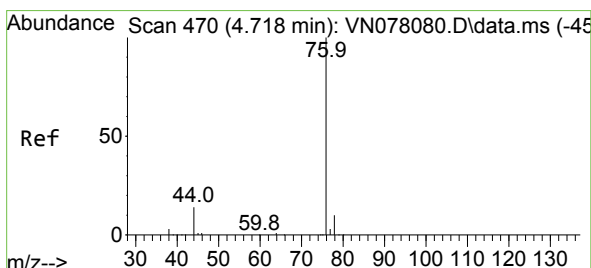
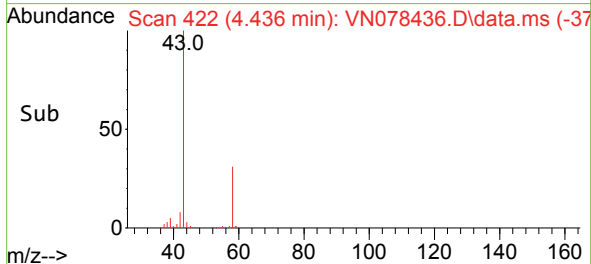
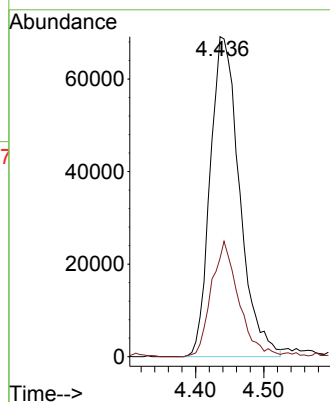
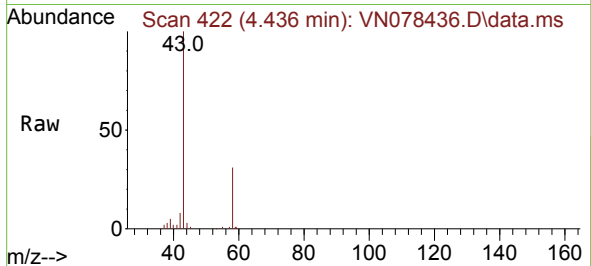




#16
Acetone
Concen: 119.252 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

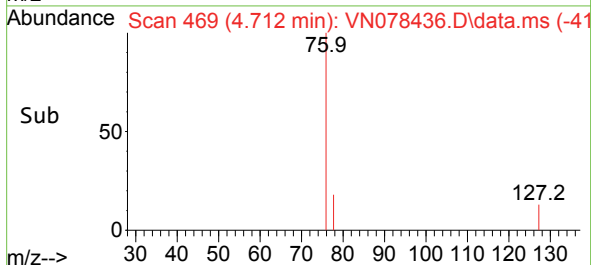
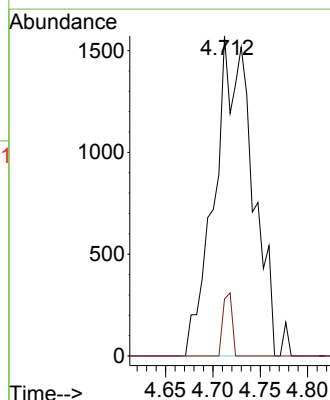
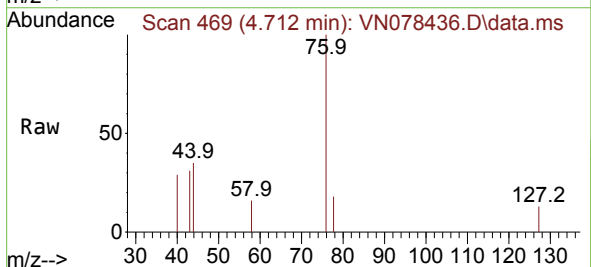
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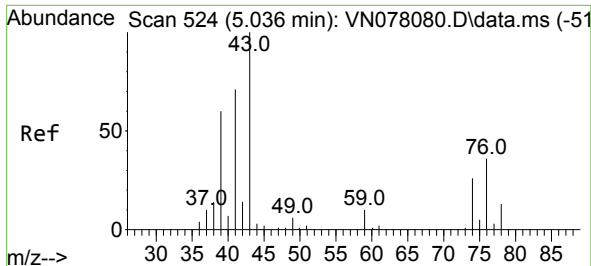
Tgt Ion: 43 Resp: 207125
Ion Ratio Lower Upper
43 100
58 30.8 28.0 42.0



#17
Carbon Disulfide
Concen: 0.344 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 76 Resp: 4379
Ion Ratio Lower Upper
76 100
78 17.9 7.4 11.0#





#18

Methyl Acetate

Concen: 0.621 ug/l

RT: 5.059 min Scan# 51

Delta R.T. 0.024 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

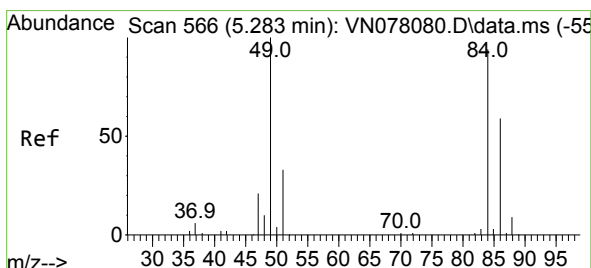
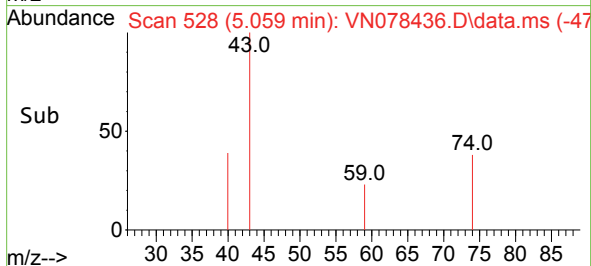
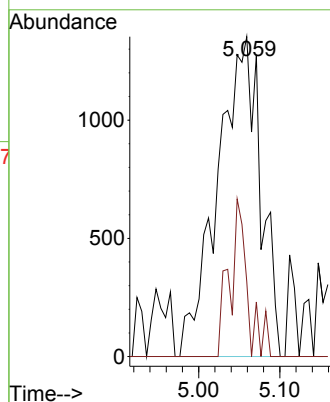
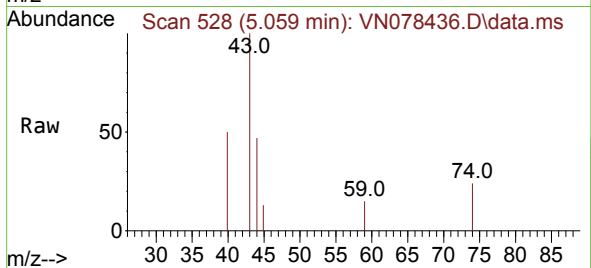
PB153822TB

Tgt Ion: 43 Resp: 4966

Ion Ratio Lower Upper

43 100

74 20.4 26.2 39.4#



#20

Methylene Chloride

Concen: 4.273 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

Tgt Ion: 84 Resp: 24523

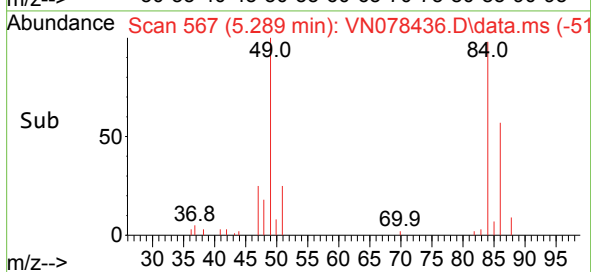
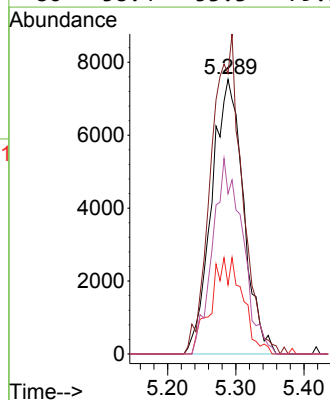
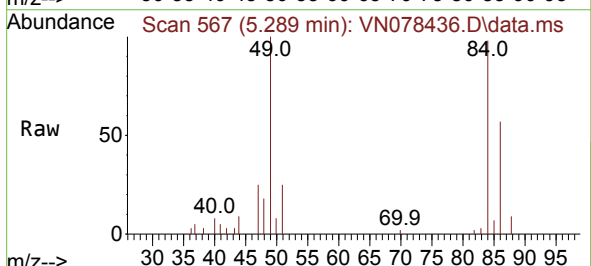
Ion Ratio Lower Upper

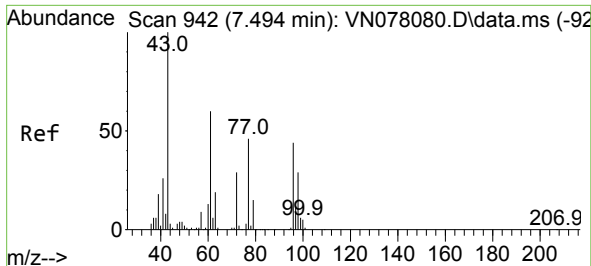
84 100

49 102.1 79.7 119.5

51 25.2 25.2 37.8#

86 58.4 53.3 79.9

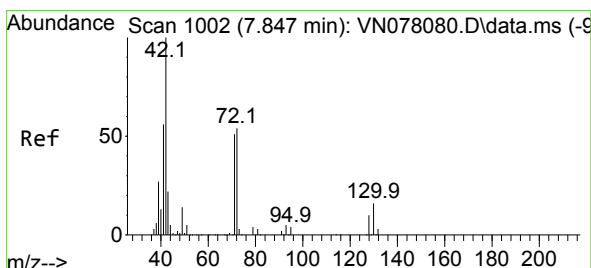
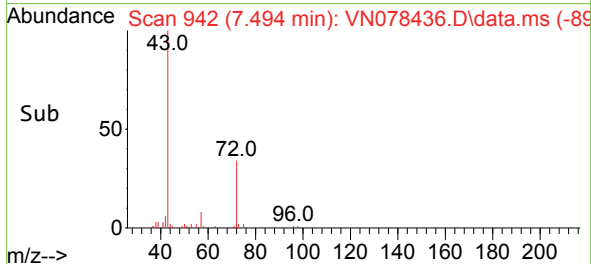
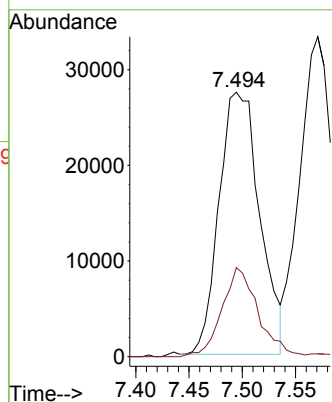
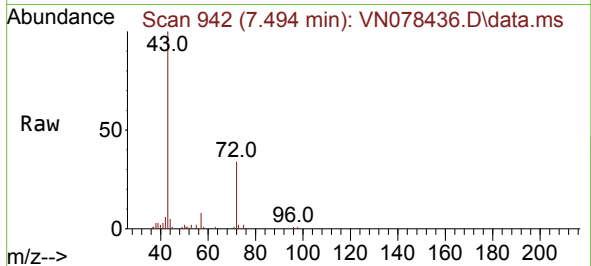




#25
2-Butanone
Concen: 27.299 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

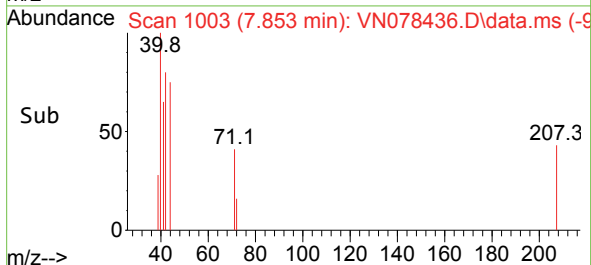
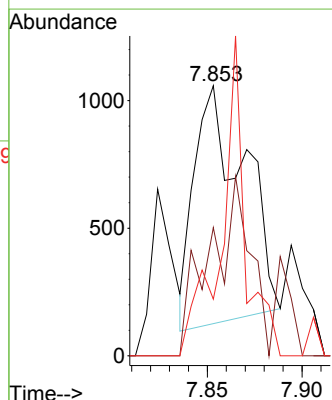
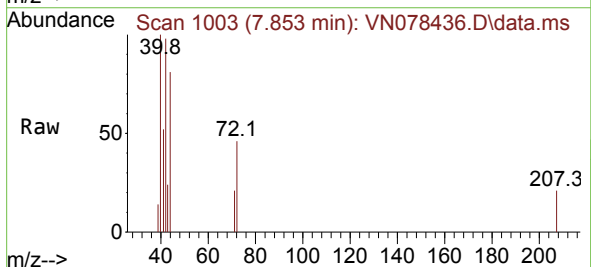
Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

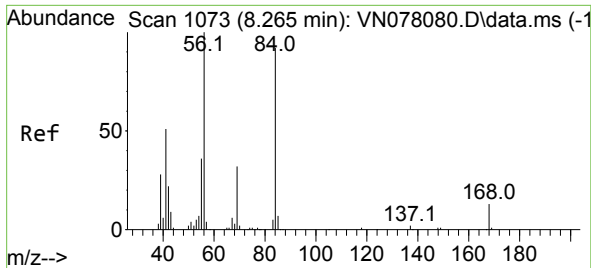
Tgt Ion: 43 Resp: 72915
Ion Ratio Lower Upper
43 100
72 34.0 30.2 45.2



#29
Tetrahydrofuran
Concen: 0.951 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

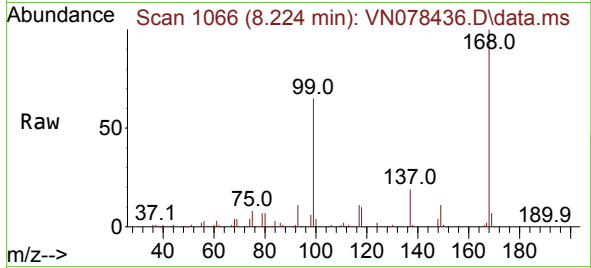
Tgt Ion: 42 Resp: 1698
Ion Ratio Lower Upper
42 100
72 61.2 49.8 74.6
71 64.4 47.4 71.2



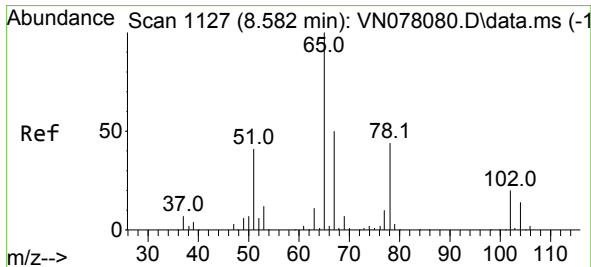
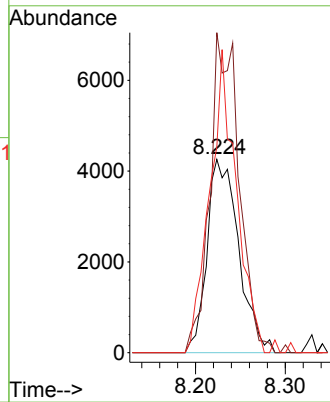
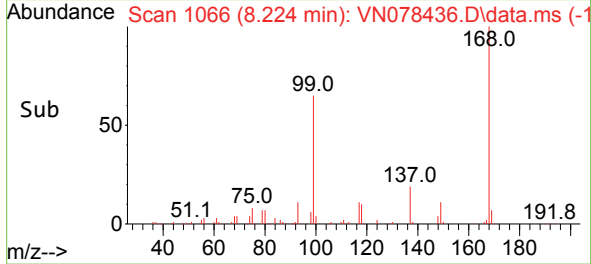


#31
Cyclohexane
Concen: 1.350 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

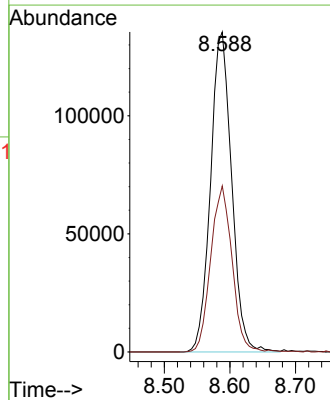
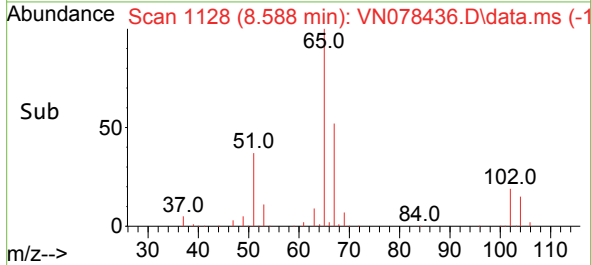
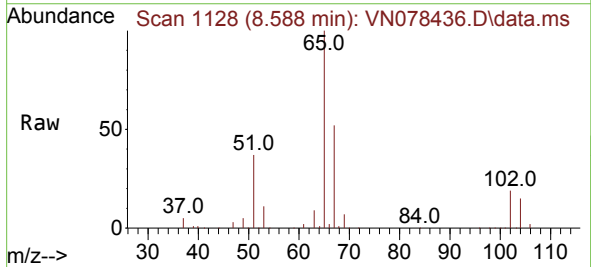


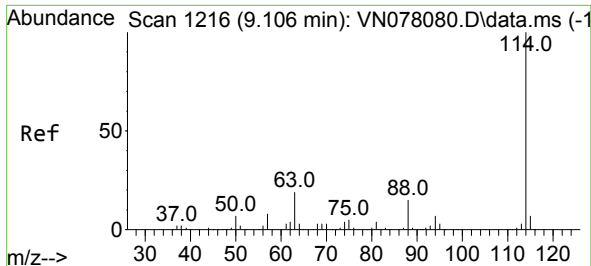
Tgt Ion: 56 Resp: 10449
Ion Ratio Lower Upper
56 100
69 165.5 26.8 40.2#
84 106.5 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 50.158 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 65 Resp: 302663
Ion Ratio Lower Upper
65 100
67 52.3 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: VN078436.D

Acq: 28 Jun 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

PB153822TB

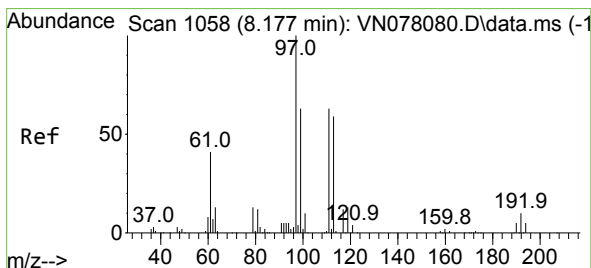
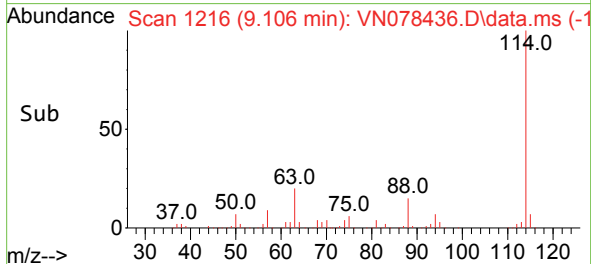
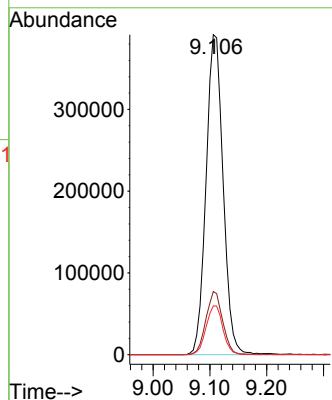
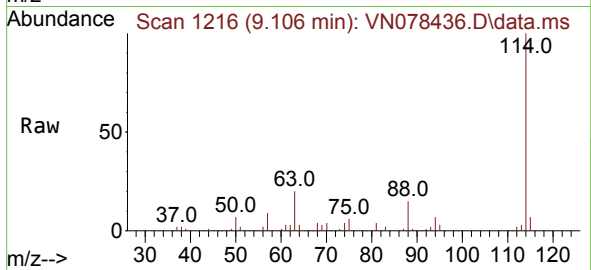
Tgt Ion:114 Resp: 815724

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.145 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

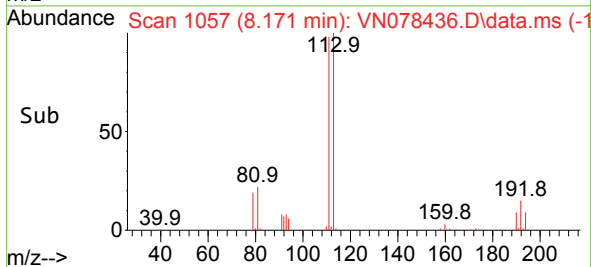
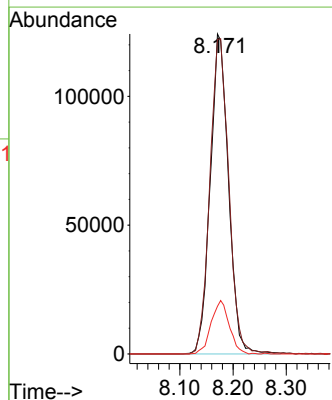
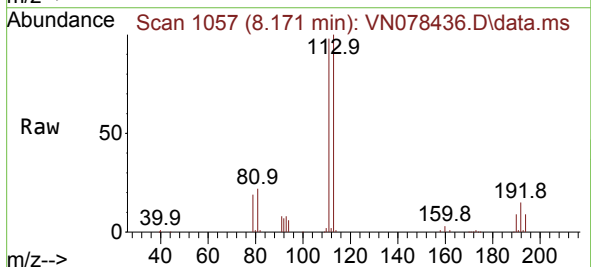
Tgt Ion:113 Resp: 294739

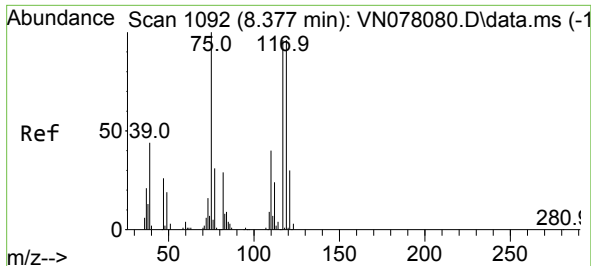
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 16.7 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.034 ug/l

RT: 8.230 min Scan# 1092

Delta R.T. -0.147 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

PB153822TB

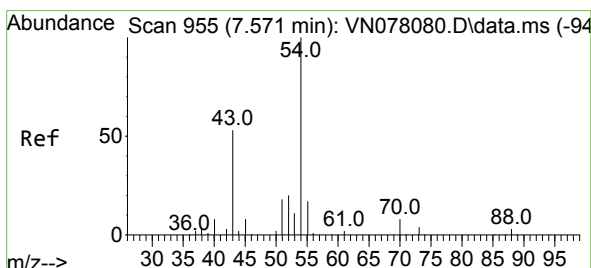
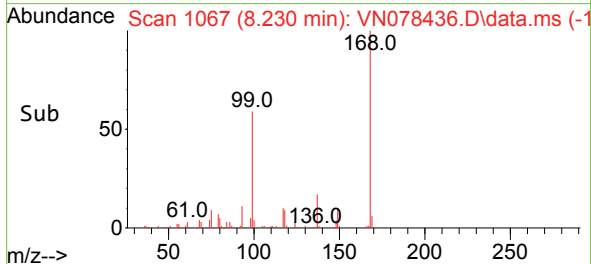
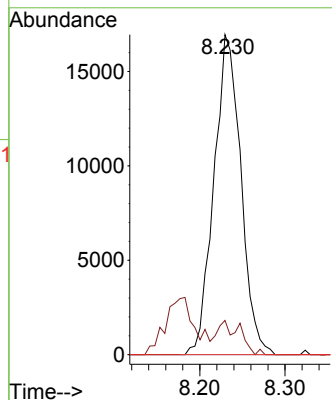
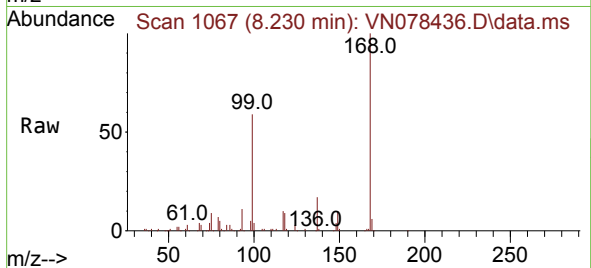
Tgt Ion: 75 Resp: 37241

Ion Ratio Lower Upper

75 100

110 9.1 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 13.864 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.000 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

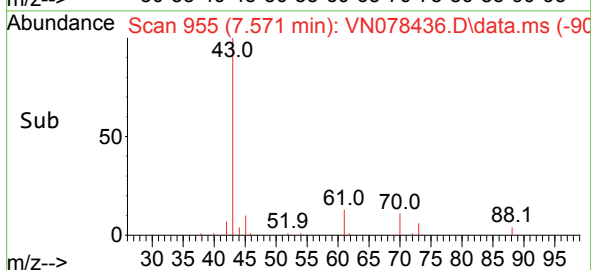
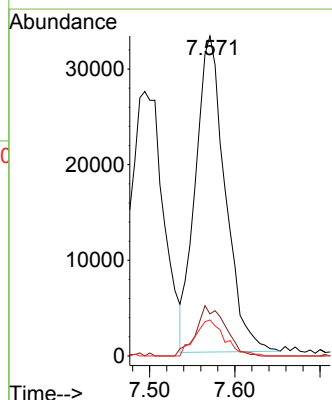
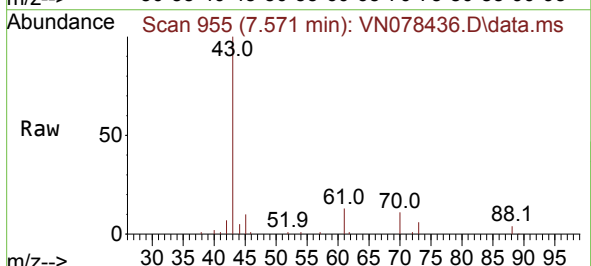
Tgt Ion: 43 Resp: 80124

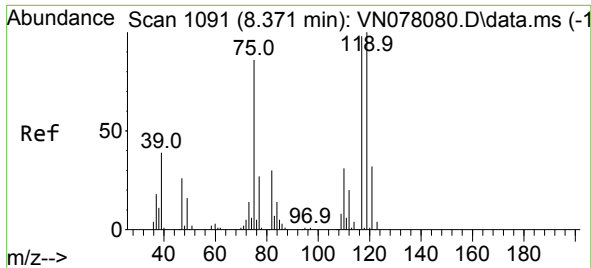
Ion Ratio Lower Upper

43 100

61 15.6 13.2 19.8

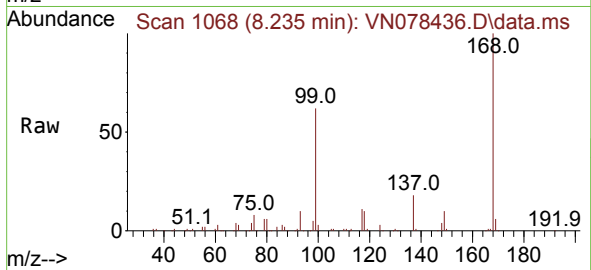
70 11.4 11.3 16.9



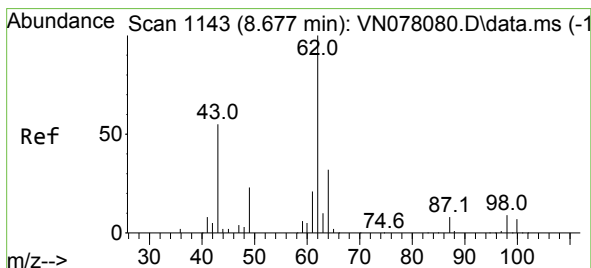
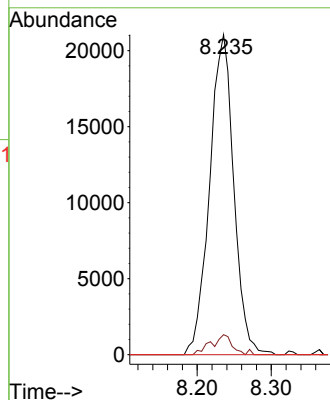
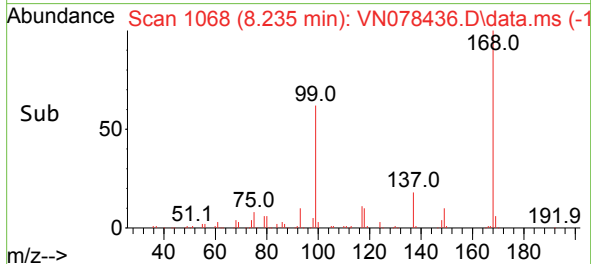


#38
Carbon Tetrachloride
Concen: 6.107 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

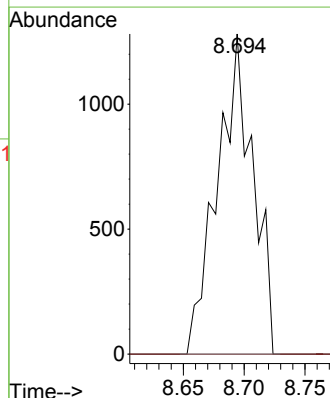
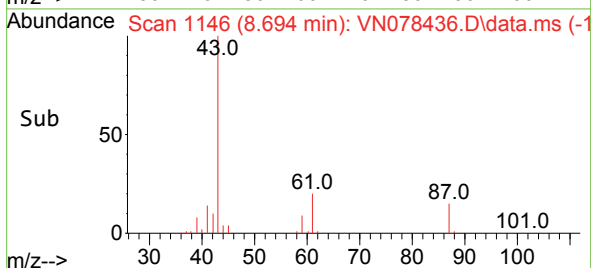
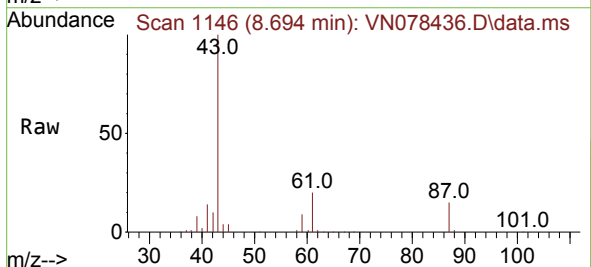


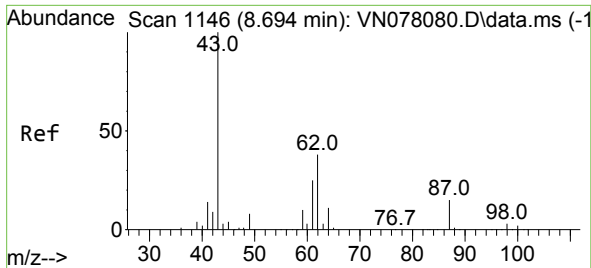
Tgt Ion:117 Resp: 47705
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.343 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.018 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 62 Resp: 2601
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

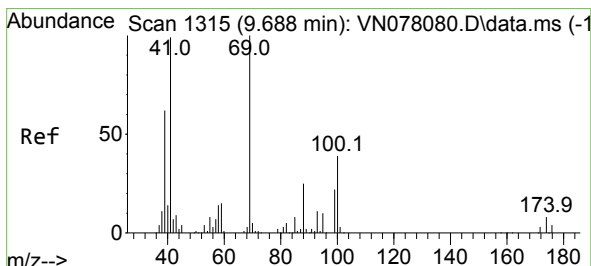
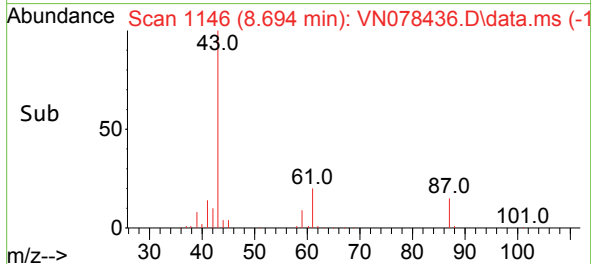
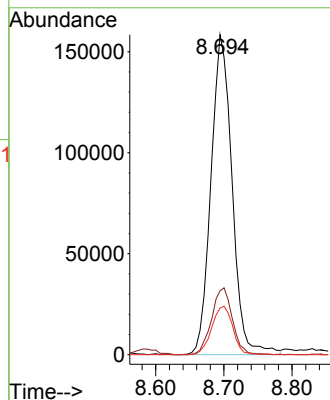
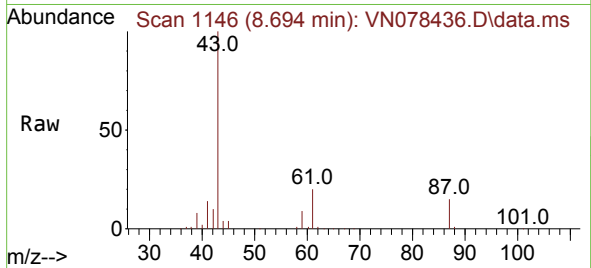




#43
Isopropyl Acetate
Concen: 30.984 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

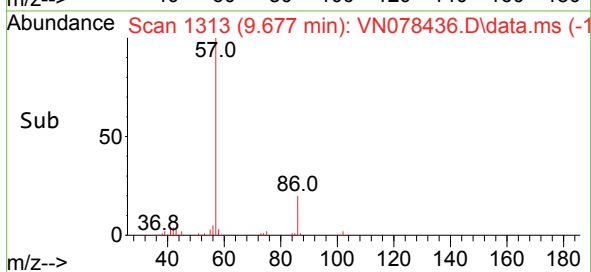
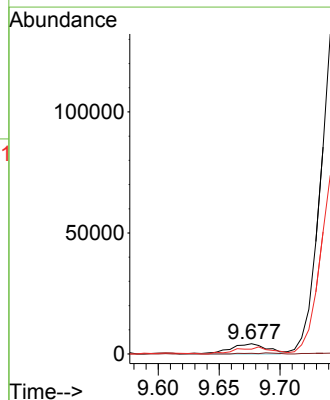
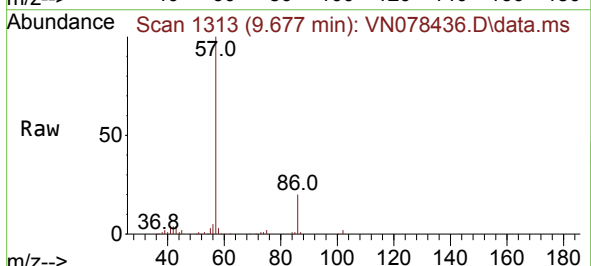
Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

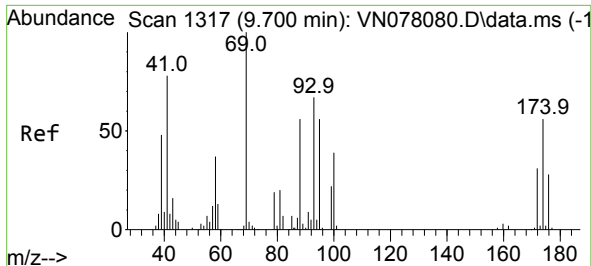
Tgt Ion: 43 Resp: 342465
Ion Ratio Lower Upper
43 100
61 20.5 24.7 37.1#
87 15.0 14.6 21.8



#48
Methyl methacrylate
Concen: 1.925 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.012 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 41 Resp: 8930
Ion Ratio Lower Upper
41 100
69 7.1 90.4 135.6#
39 63.4 54.6 81.8





#49

1,4-Dioxane

Concen: 3.518 ug/l

RT: 9.712 min Scan# 1317

Delta R.T. 0.012 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

PB153822TB

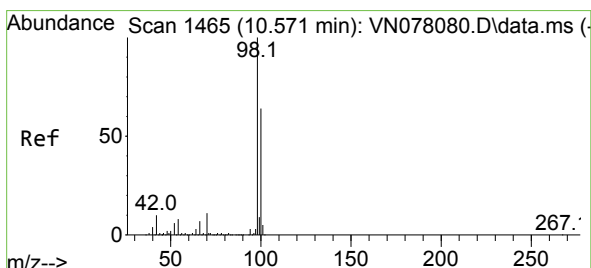
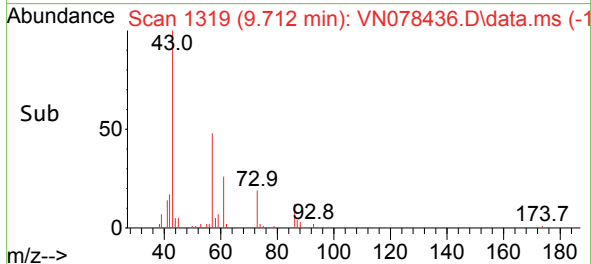
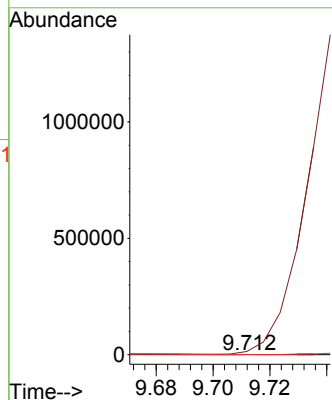
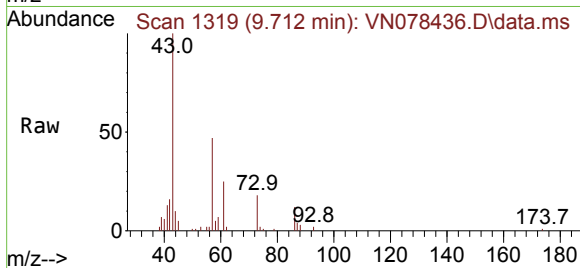
Tgt Ion: 88 Resp: 343

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 49.447 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078436.D

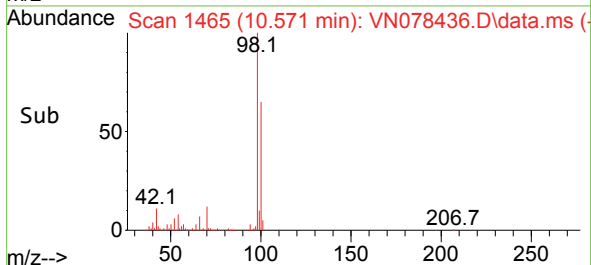
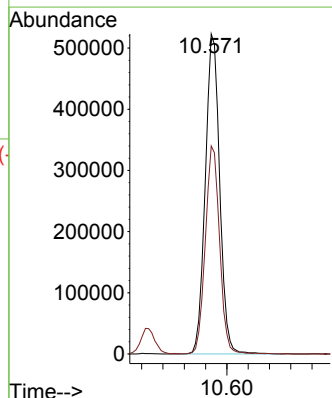
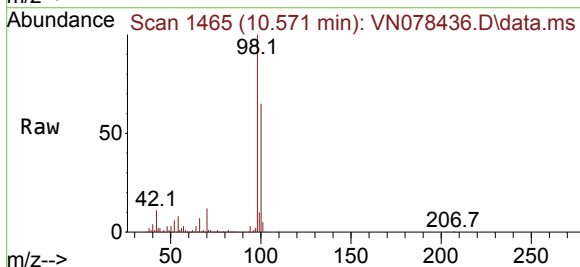
Acq: 28 Jun 2023 13:02

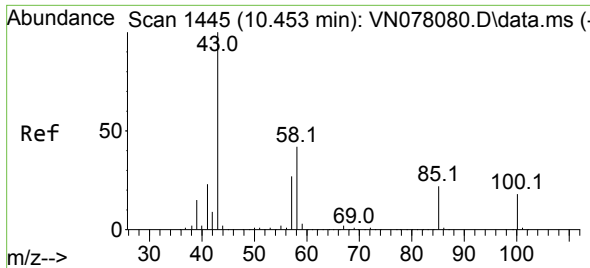
Tgt Ion: 98 Resp: 983178

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

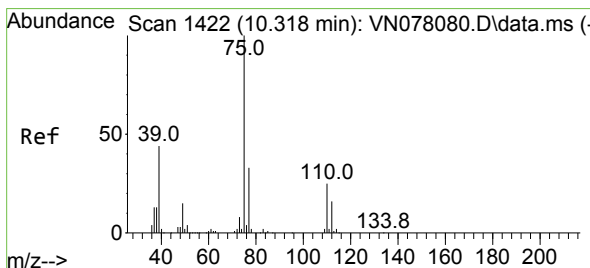
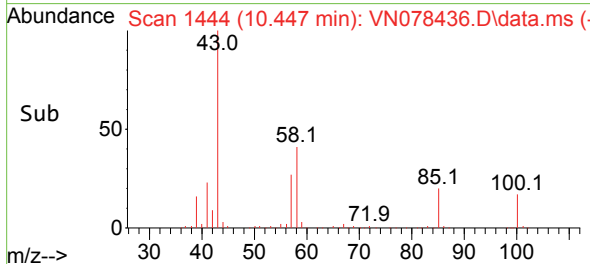
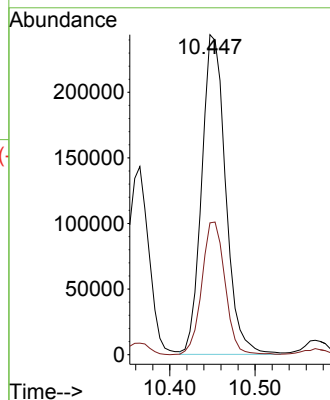
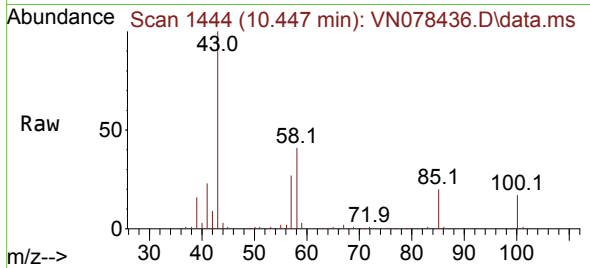




#51
4-Methyl-2-Pentanone
Concen: 81.658 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

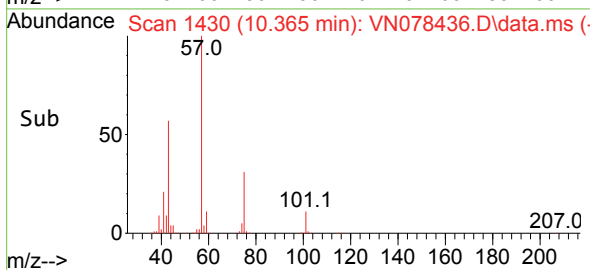
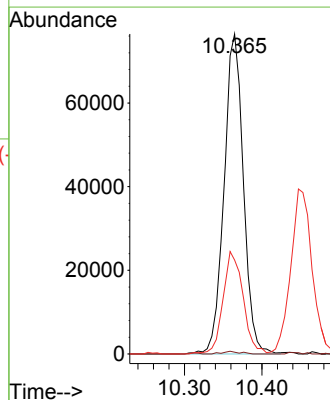
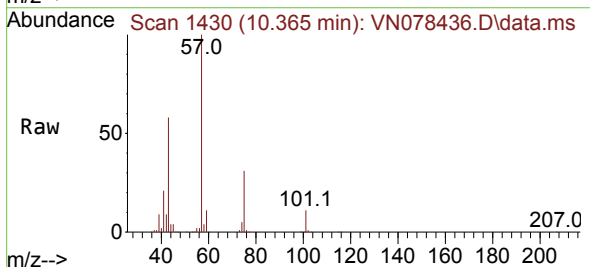
Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

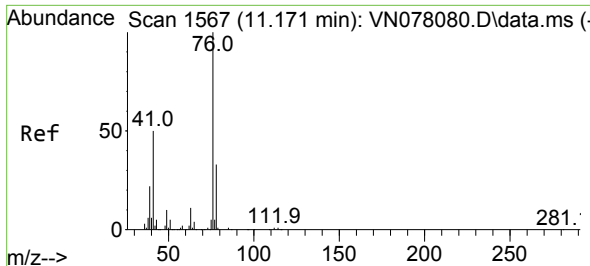
Tgt Ion: 43 Resp: 475278
Ion Ratio Lower Upper
43 100
58 40.3 36.6 54.8



#54
cis-1,3-Dichloropropene
Concen: 15.331 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 75 Resp: 132698
Ion Ratio Lower Upper
75 100
77 0.5 26.1 39.1#
39 29.4 31.6 47.4#





#57

1,3-Dichloropropane

Concen: 1.945 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.035 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

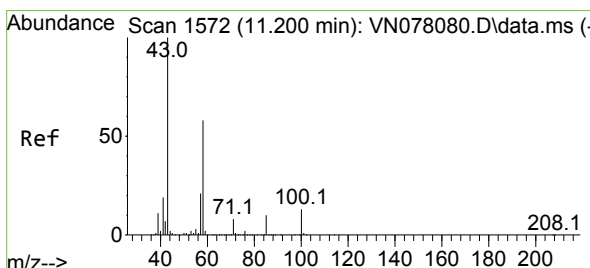
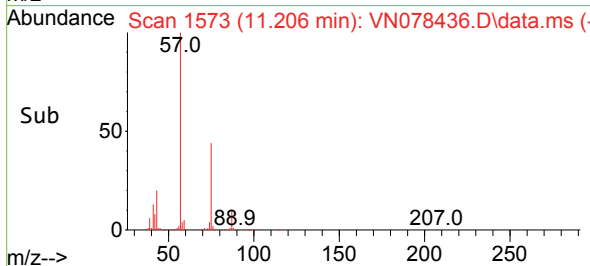
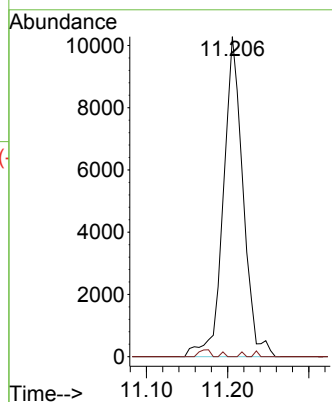
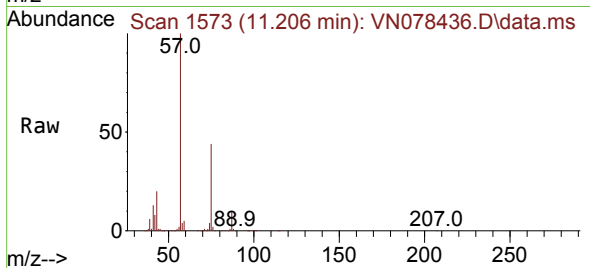
PB153822TB

Tgt Ion: 76 Resp: 17320

Ion Ratio Lower Upper

76 100

78 0.3 26.1 39.1#



#59

2-Hexanone

Concen: 73.699 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.023 min

Lab File: VN078436.D

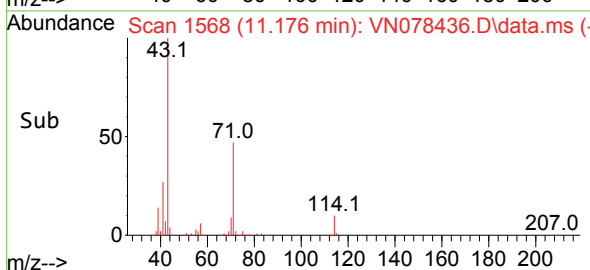
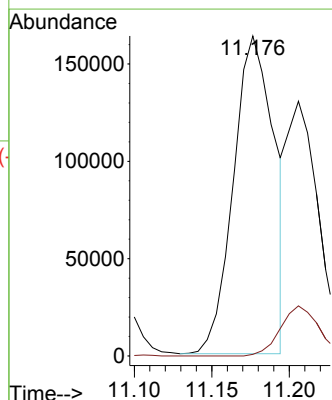
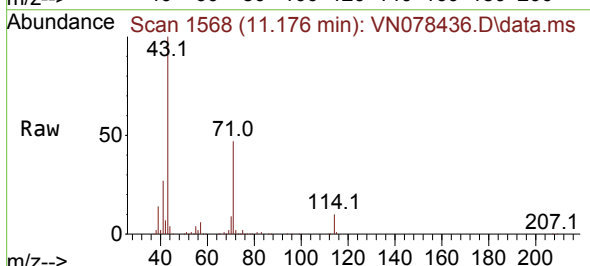
Acq: 28 Jun 2023 13:02

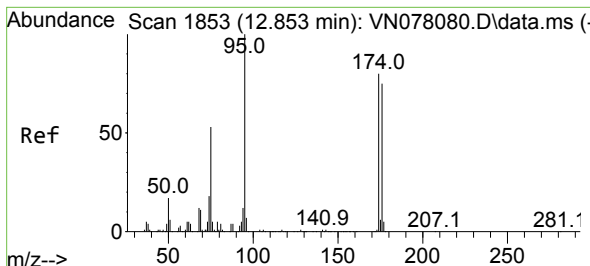
Tgt Ion: 43 Resp: 298675

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

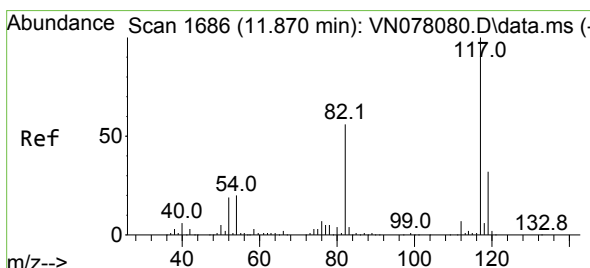
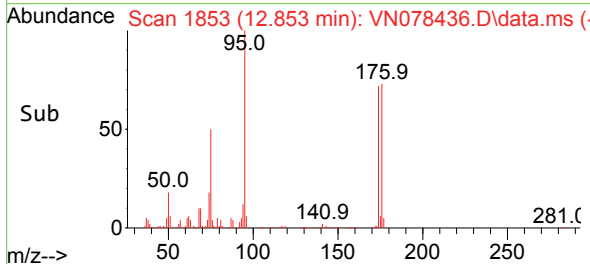
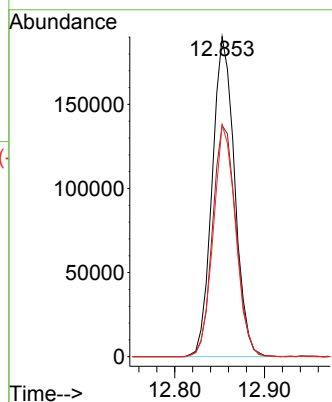
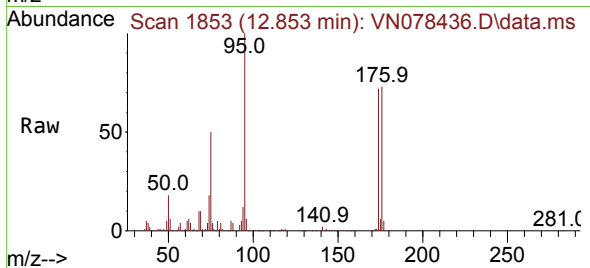




#62
4-Bromofluorobenzene
Concen: 53.303 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

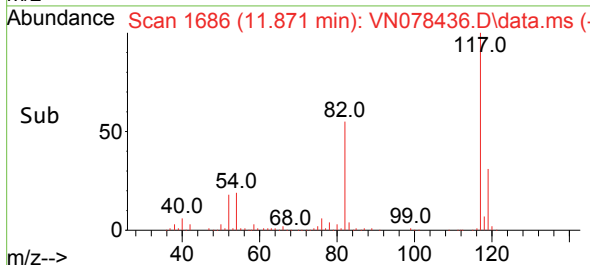
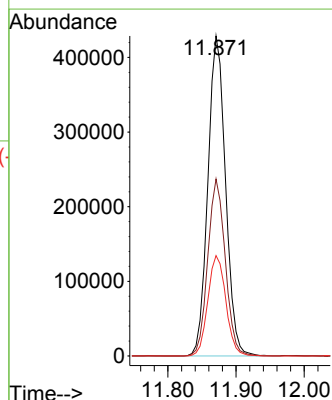
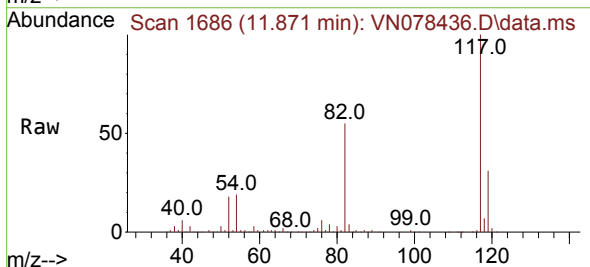
Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

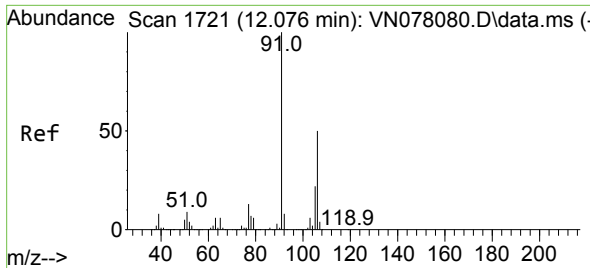
Tgt Ion: 95 Resp: 329480
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 72.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 117 Resp: 773905
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.3 25.6 38.4

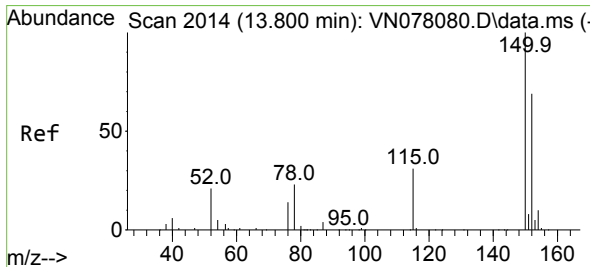
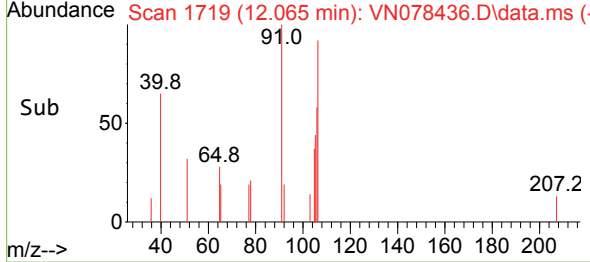
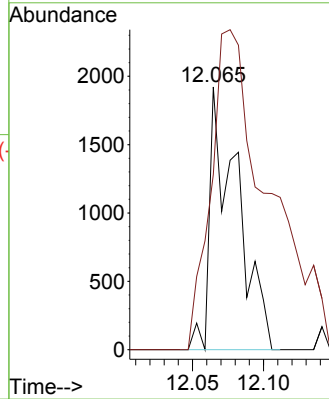
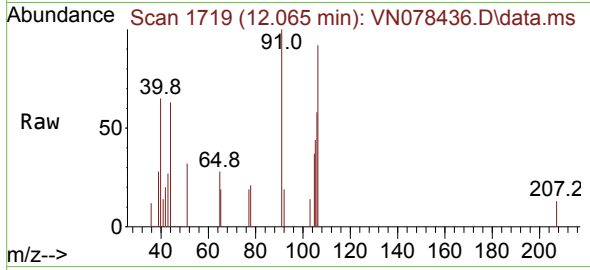




#68
m/p-Xylenes
Concen: 0.238 ug/l
RT: 12.065 min Scan# 1721
Delta R.T. -0.012 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

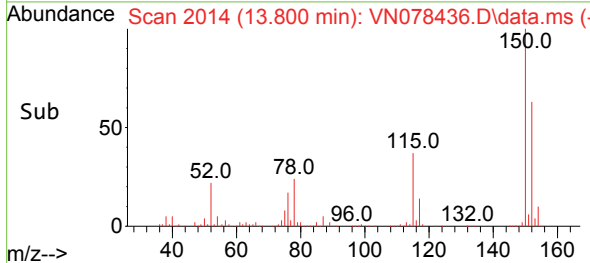
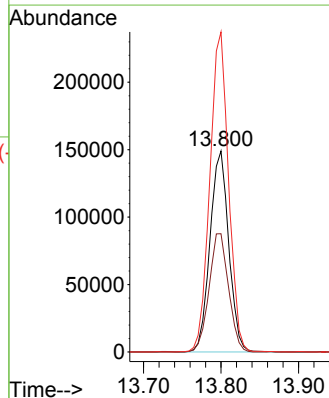
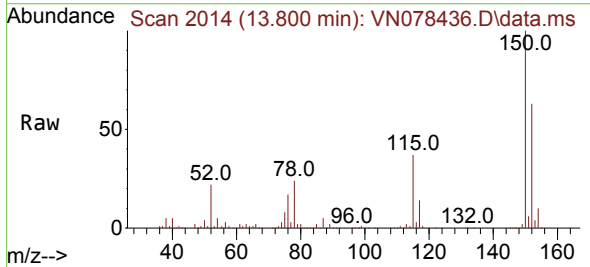
Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

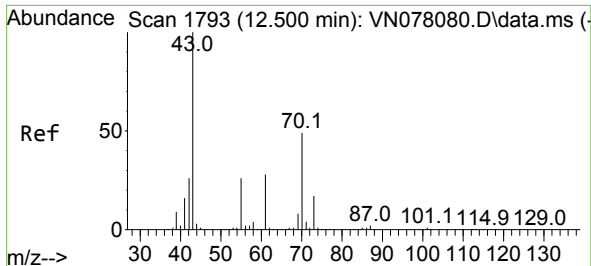
Tgt Ion:106 Resp: 2594
Ion Ratio Lower Upper
106 100
91 254.8 159.6 239.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion:152 Resp: 251386
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 158.5 0.0 355.8

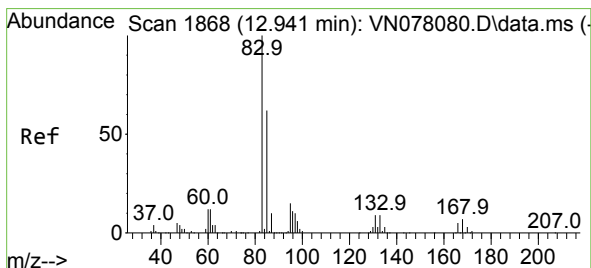
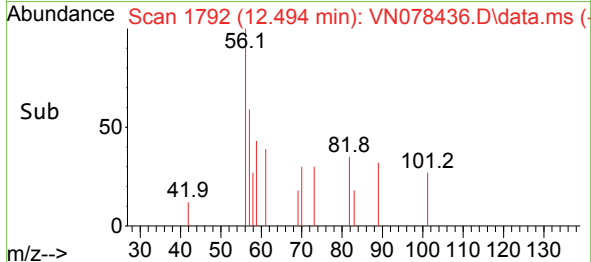
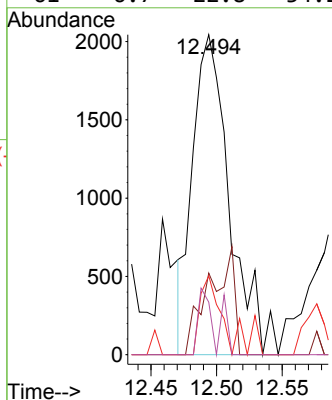
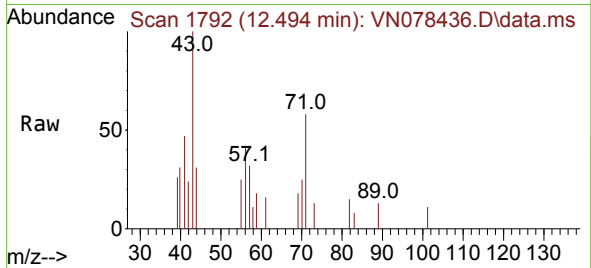




#74
N-amy1 acetate
Concen: 0.515 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

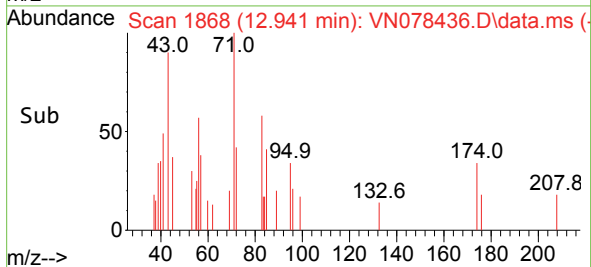
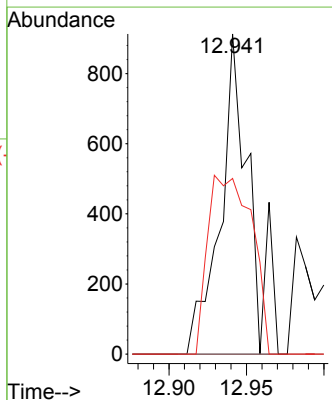
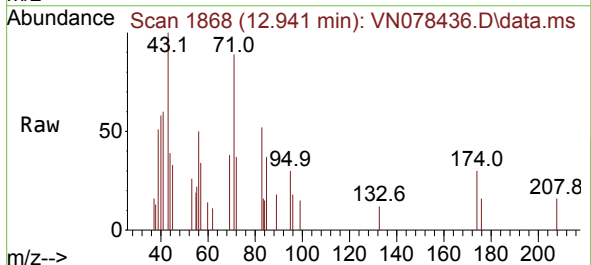
Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

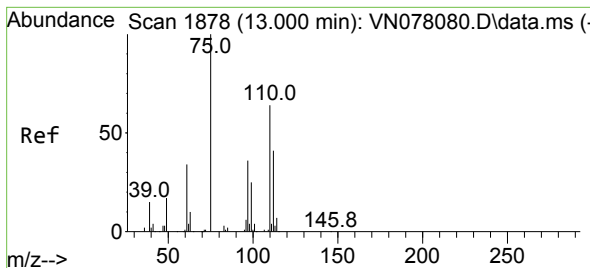
Tgt Ion: 43	Resp: 4032
Ion Ratio	Lower Upper
43 100	
70 0.0	43.4 65.2#
55 12.7	21.4 32.0#
61 6.7	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 83	Resp: 1212
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 83.3	31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 28.712 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

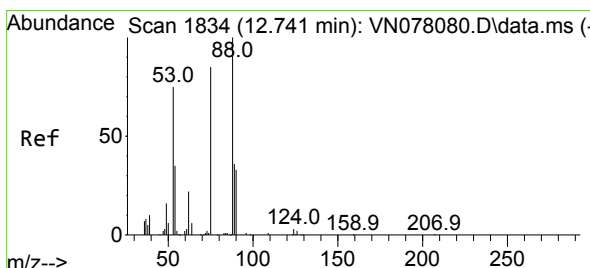
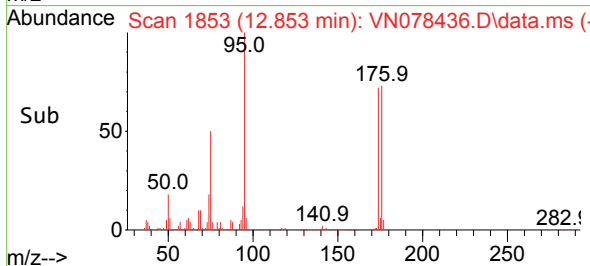
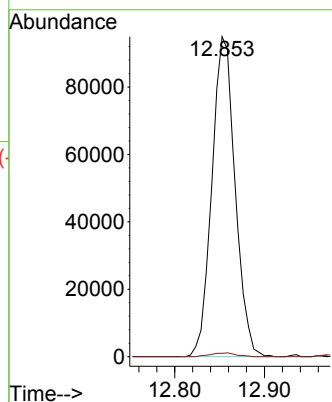
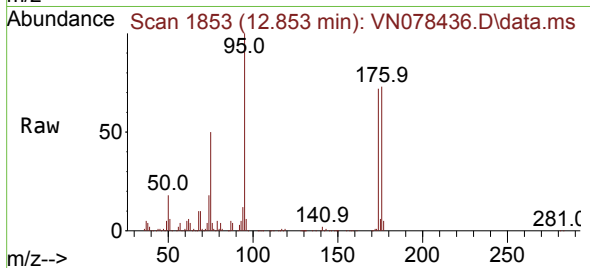
PB153822TB

Tgt Ion: 75 Resp: 170631

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.212 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

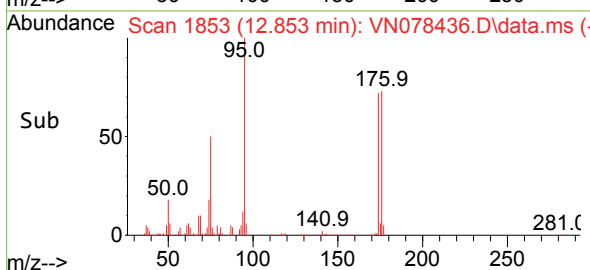
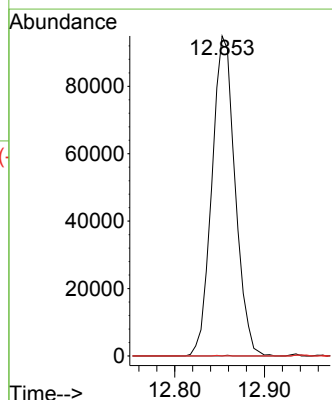
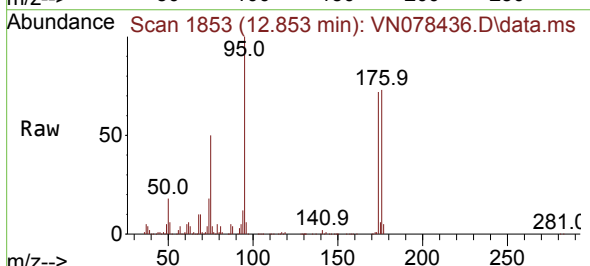
Tgt Ion: 75 Resp: 170631

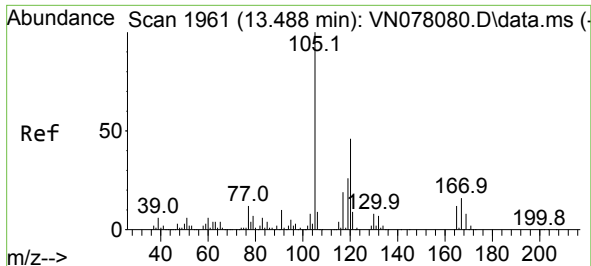
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#

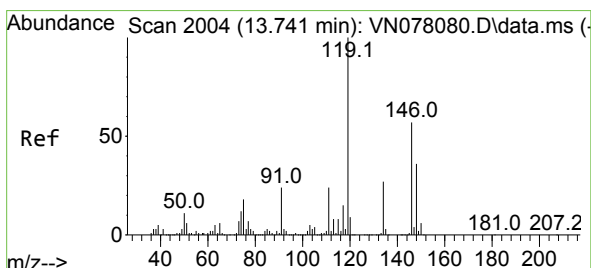
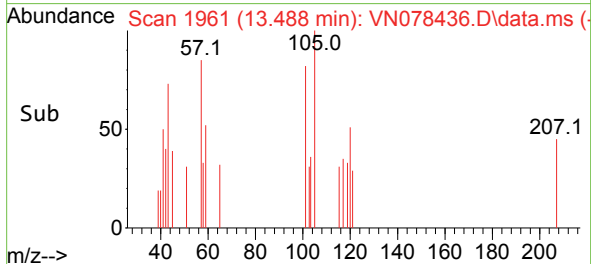
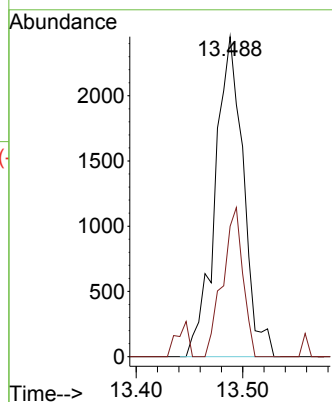
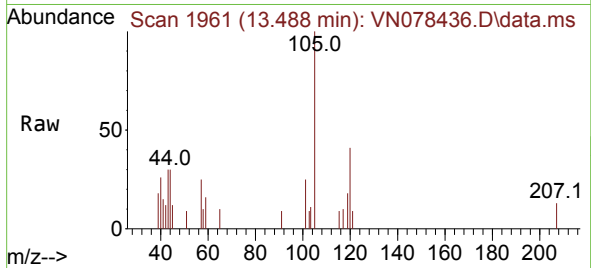




#84
1,2,4-Trimethylbenzene
Concen: 0.242 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

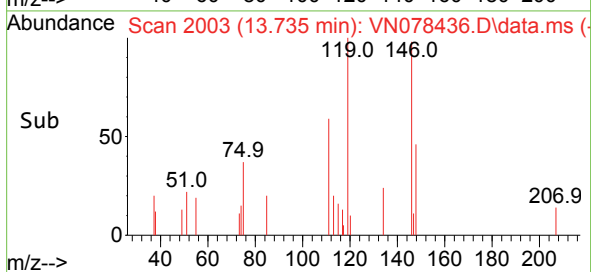
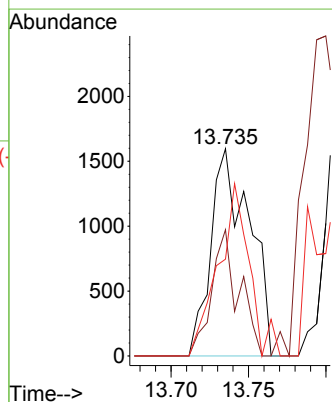
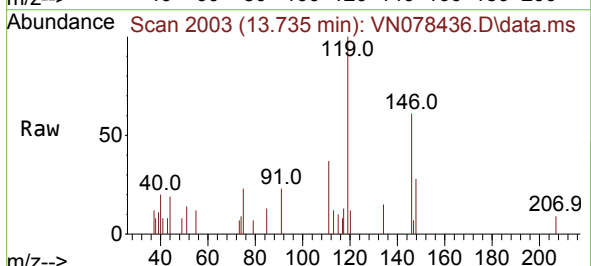
Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

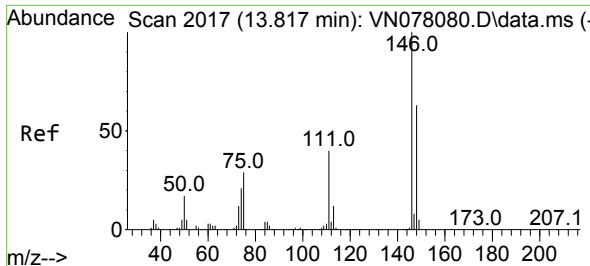
Tgt Ion:105 Resp: 4509
Ion Ratio Lower Upper
105 100
120 33.5 22.0 66.0



#87
1,3-Dichlorobenzene
Concen: 0.296 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion:146 Resp: 2764
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.3
148 66.4 32.0 96.0

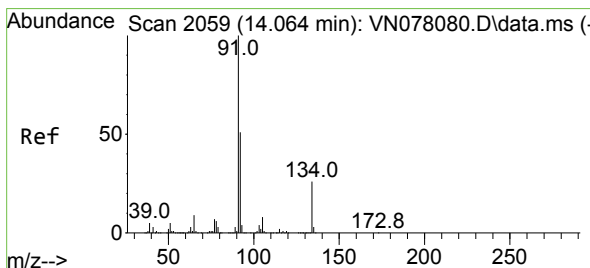
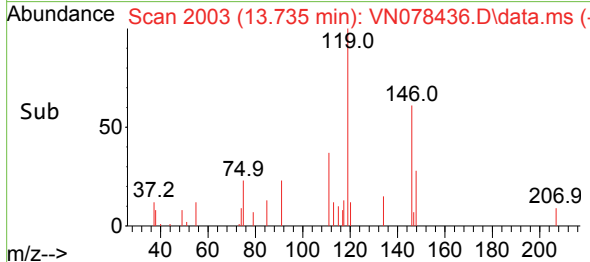
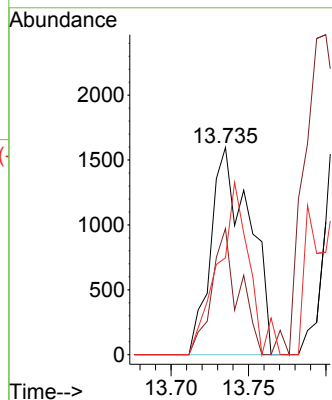
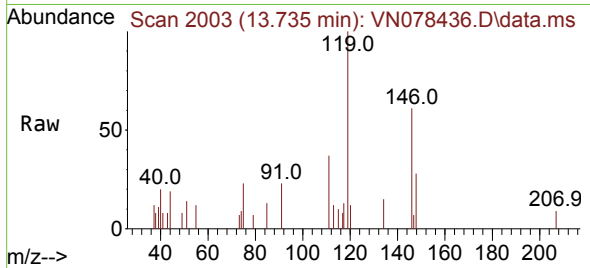




#88
1,4-Dichlorobenzene
Concen: 0.307 ug/l
RT: 13.735 min Scan# 2017
Delta R.T. -0.082 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

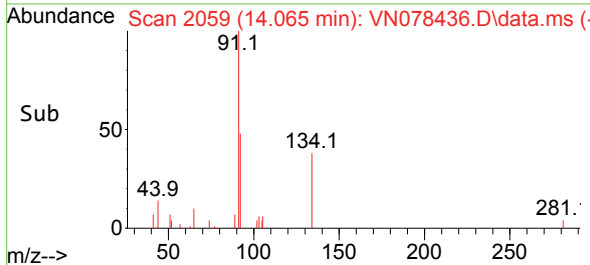
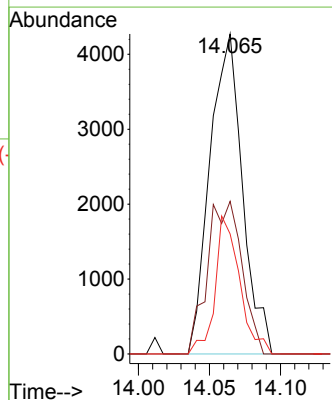
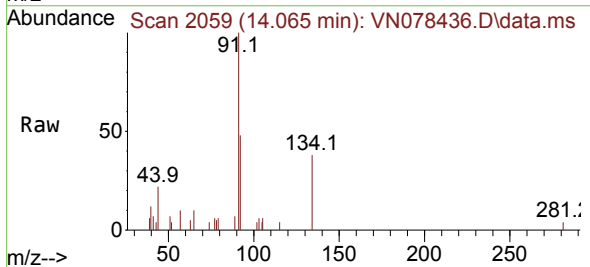
Instrument :
MSVOA_N
ClientSampleId :
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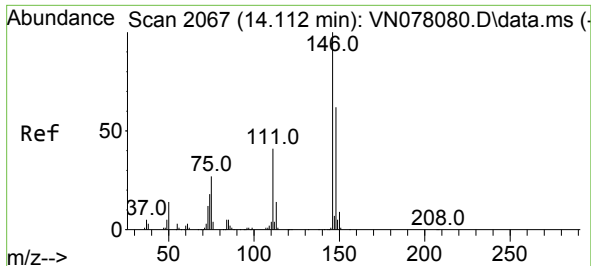
Tgt Ion:146 Resp: 2764
Ion Ratio Lower Upper
146 100
111 42.8 20.6 61.8
148 66.4 31.6 94.8



#89
n-Butylbenzene
Concen: 0.485 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion: 91 Resp: 6797
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 32.5 12.6 37.6

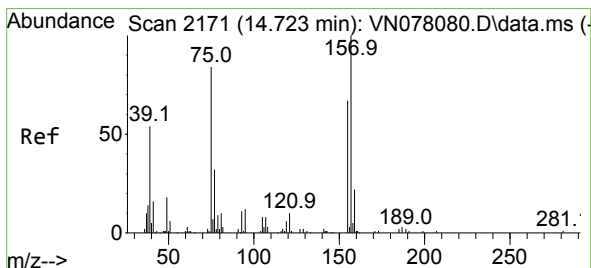
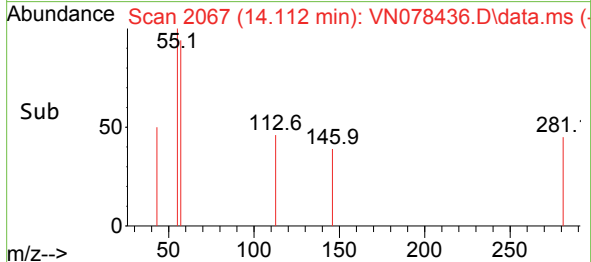
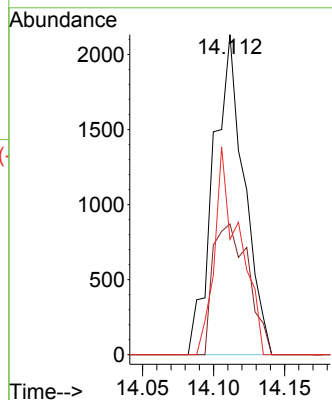
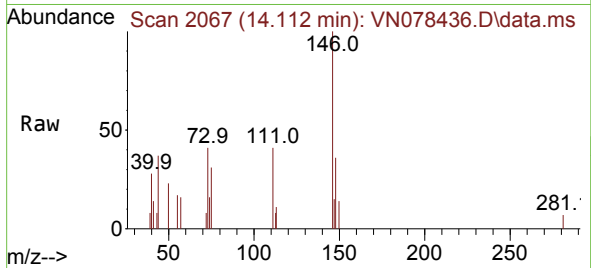




#91
 1,2-Dichlorobenzene
 Concen: 0.352 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078436.D
 Acq: 28 Jun 2023 13:02

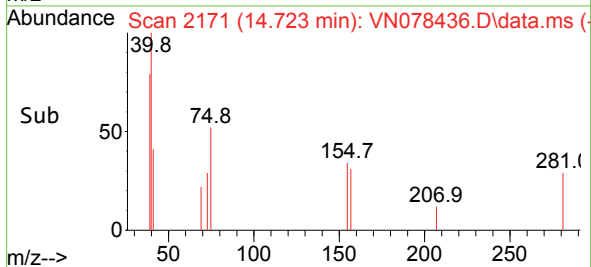
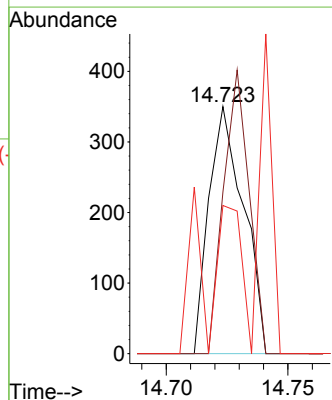
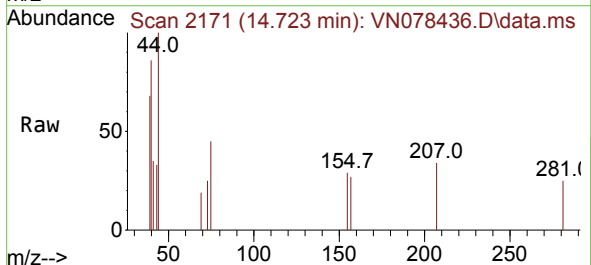
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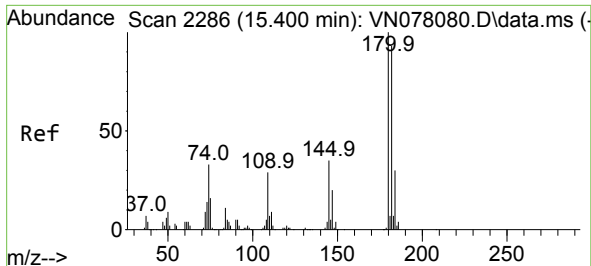
Tgt Ion:146 Resp: 3211
 Ion Ratio Lower Upper
 146 100
 111 47.0 22.0 66.0
 148 52.6 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.295 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078436.D
 Acq: 28 Jun 2023 13:02

Tgt Ion: 75 Resp: 347
 Ion Ratio Lower Upper
 75 100
 155 84.1 39.1 117.2
 157 41.8 50.3 150.9#

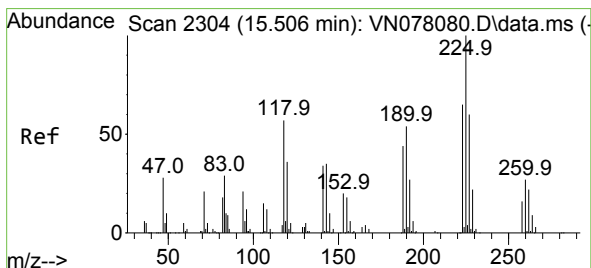
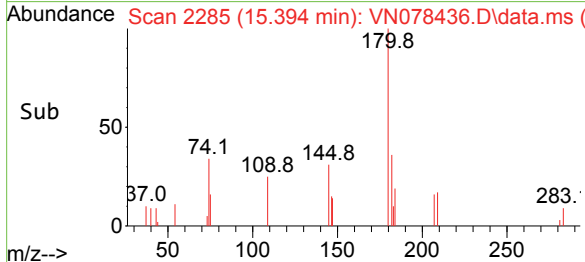
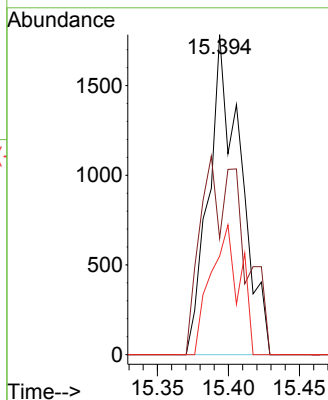
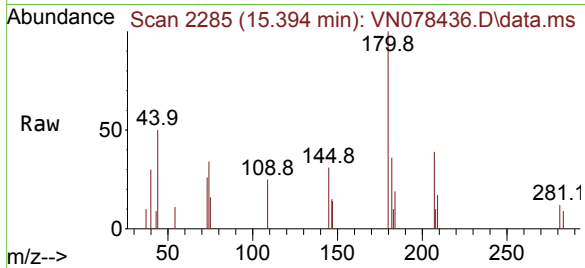




#93
1,2,4-Trichlorobenzene
Concen: 0.855 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

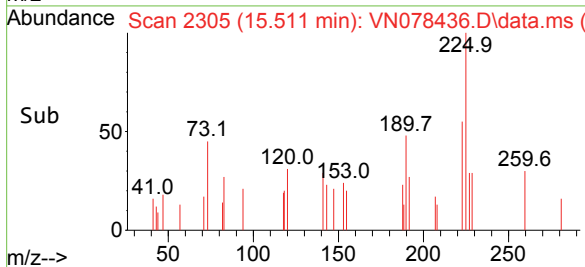
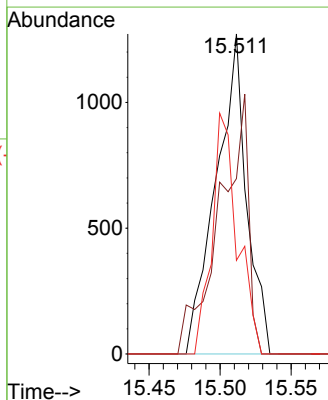
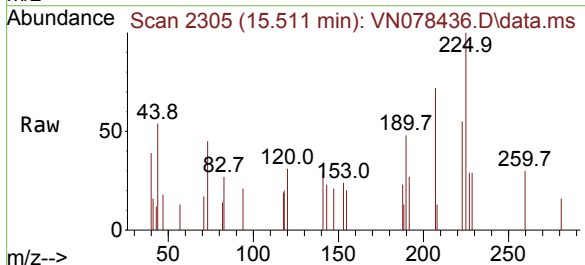
Instrument :
MSVOA_N
ClientSampleId :
PB153822TB

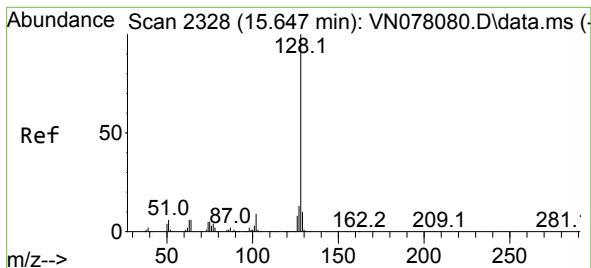
Tgt Ion:180 Resp: 2778
Ion Ratio Lower Upper
180 100
182 39.3 46.1 138.2#
145 37.0 16.6 49.8



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN078436.D
Acq: 28 Jun 2023 13:02

Tgt Ion:225 Resp: 1899
Ion Ratio Lower Upper
225 100
223 76.5 31.3 93.8
227 62.8 31.9 95.9





#95

Naphthalene

Concen: 0.786 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

Instrument :

MSVOA_N

ClientSampleId :

PB153822TB

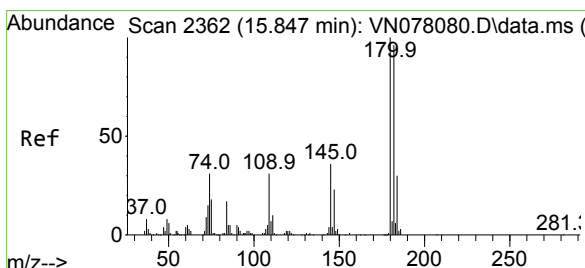
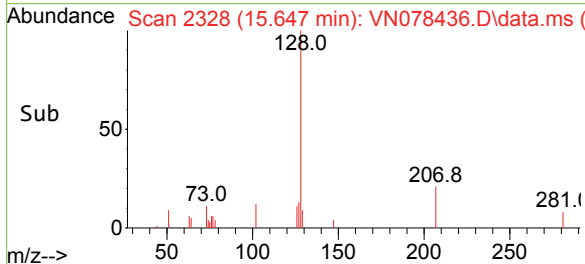
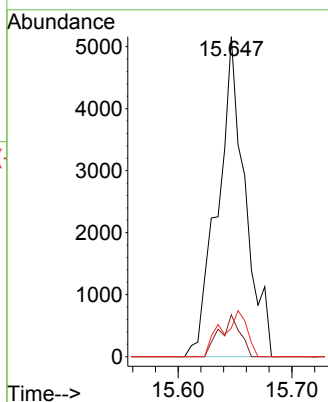
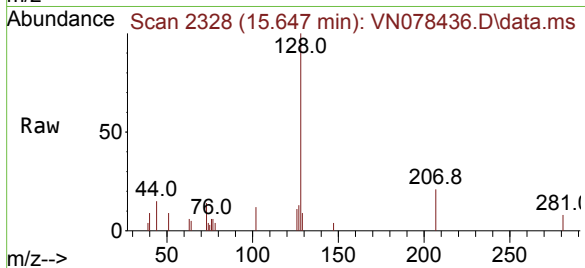
Tgt Ion:128 Resp: 8599

Ion Ratio Lower Upper

128 100

127 9.8 10.0 15.0#

129 13.2 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.913 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078436.D

Acq: 28 Jun 2023 13:02

Tgt Ion:180 Resp: 3320

Ion Ratio Lower Upper

180 100

182 90.7 46.2 138.6

145 22.6 17.5 52.6

