

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079128.D
 Acq On : 01 Sep 2023 17:23
 Operator : JC\MD
 Sample : 04232-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 23:16:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	295226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	548385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	526206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	211570	46.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.100%
35) Dibromofluoromethane	8.171	113	184851	50.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.160%
50) Toluene-d8	10.571	98	664407	48.473	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.853	95	245237	54.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.541	59	2150	2.789	ug/l #	72
13) Acrolein	4.195	56	170	7.174	ug/l #	39
16) Acetone	4.442	43	58100	30.651	ug/l	89
17) Carbon Disulfide	4.718	76	12769	1.439	ug/l	97
18) Methyl Acetate	5.047	43	4455	0.556	ug/l #	64
20) Methylene Chloride	5.277	84	19536	4.836	ug/l #	93
25) 2-Butanone	7.494	43	27685	9.110	ug/l	88
31) Cyclohexane	8.235	56	5907	Below Cal	#	13
36) 1,1-Dichloropropene	8.230	75	25090	4.518	ug/l #	49
37) Ethyl Acetate	7.577	43	9679	1.558	ug/l #	83
38) Carbon Tetrachloride	8.230	117	30931	5.559	ug/l #	17
39) Methylcyclohexane	9.606	83	4118	0.806	ug/l #	74
40) Benzene	8.612	78	1686168	102.734	ug/l	100
42) 1,2-Dichloroethane	8.682	62	1721	0.281	ug/l #	73
43) Isopropyl Acetate	8.694	43	225452	20.531	ug/l #	80
45) 1,2-Dichloropropane	9.747	63	2231	0.511	ug/l #	45
48) Methyl methacrylate	9.671	41	6193	1.245	ug/l #	31
49) 1,4-Dioxane	9.712	88	86	1.015	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	89189	13.694	ug/l	88
52) Toluene	10.635	92	919742	91.272	ug/l	99
53) t-1,3-Dichloropropene	10.735	75	2145	0.338	ug/l #	46
54) cis-1,3-Dichloropropene	10.365	75	69675	10.079	ug/l #	64
55) 1,1,2-Trichloroethane	10.888	97	6679	1.653	ug/l #	21
57) 1,3-Dichloropropane	11.206	76	5581	0.772	ug/l #	42
59) 2-Hexanone	11.176	43	115096	24.398	ug/l #	19
67) Ethyl Benzene	11.970	91	107525	5.279	ug/l	94
68) m/p-Xylenes	12.070	106	197519	25.936	ug/l	94
69) o-Xylene	12.400	106	114347	15.435	ug/l	95
70) Styrene	12.418	104	32959	2.668	ug/l #	47
71) Bromoform	12.853	173	1283	0.417	ug/l #	1
73) Isopropylbenzene	12.700	105	6220	0.349	ug/l	99
74) N-amyl acetate	12.465	43	3870	0.430	ug/l #	41
76) 1,2,3-Trichloropropane	12.853	75	126866	24.643	ug/l #	1
78) n-propylbenzene	13.041	91	8526	0.413	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	26352	1.867	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	126866	62.952	ug/l #	15

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QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

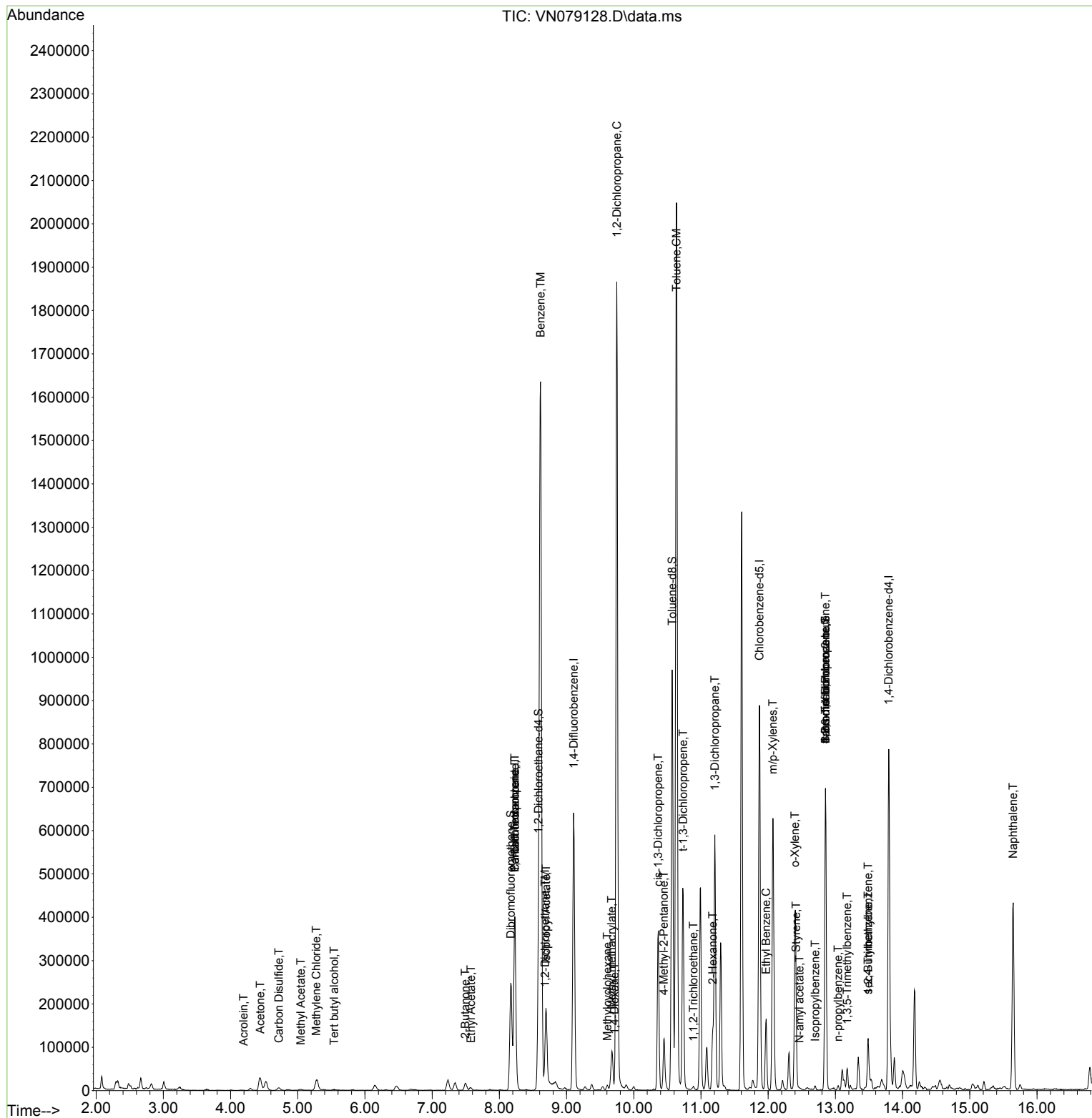
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.488	105	72931	5.217	ug/l	93
85) sec-Butylbenzene	13.488	105	72931	4.468	ug/l #	57
92) 1,2-Dibromo-3-Chloropr...	14.729	75	65	Below Cal	#	4
95) Naphthalene	15.647	128	402859	41.383	ug/l	99

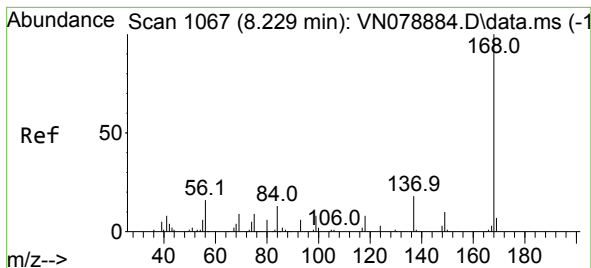
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079128.D

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MSVOA_N

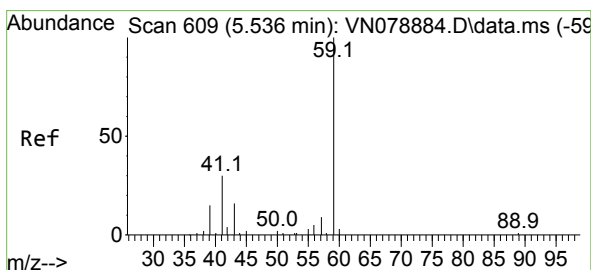
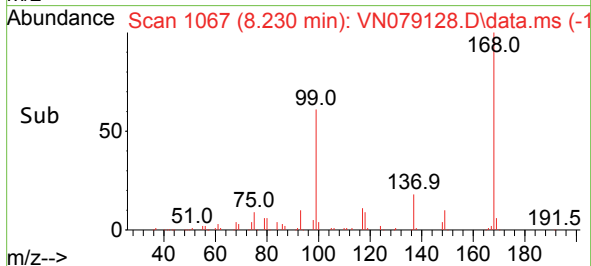
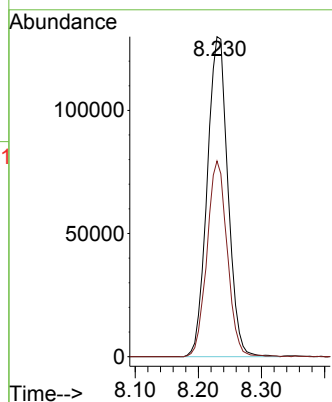
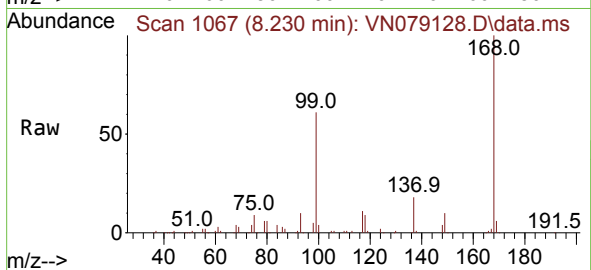
ClientSampleId :

Tgt Ion:168 Resp: 295226

Ion Ratio Lower Upper

168 100

99 61.2 53.0 79.6



#11

Tert butyl alcohol

Concen: 2.789 ug/l

RT: 5.541 min Scan# 610

Delta R.T. -0.001 min

Lab File: VN079128.D

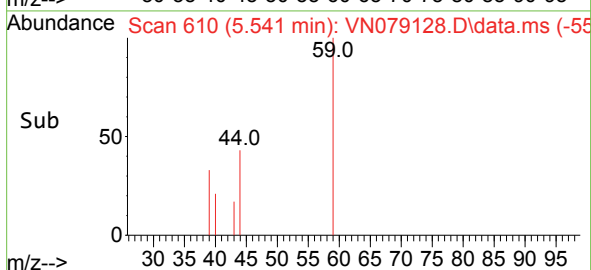
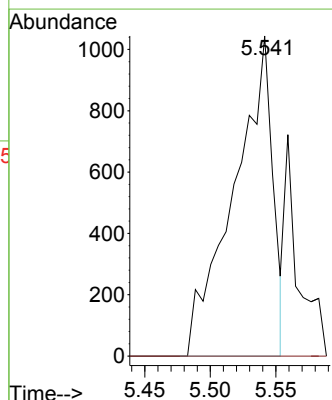
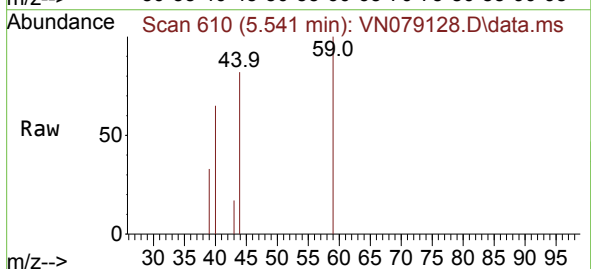
Acq: 01 Sep 2023 17:23

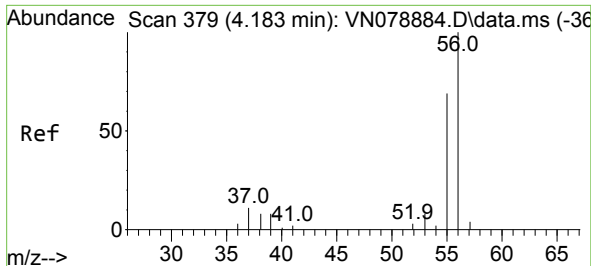
Tgt Ion: 59 Resp: 2150

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#

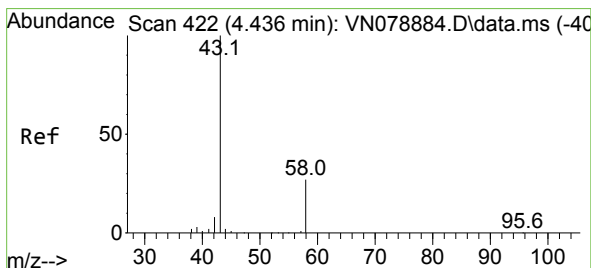
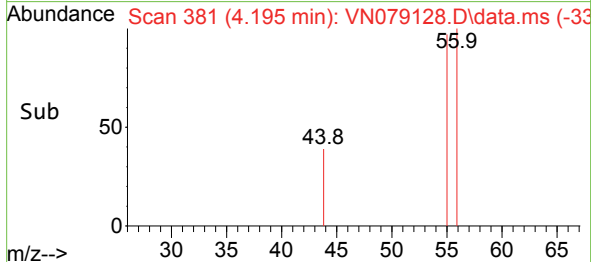
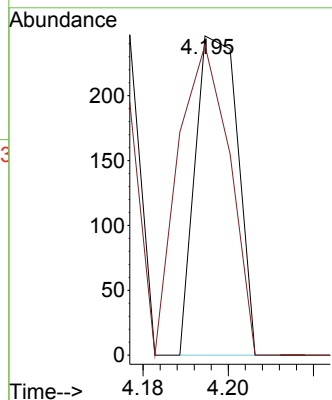
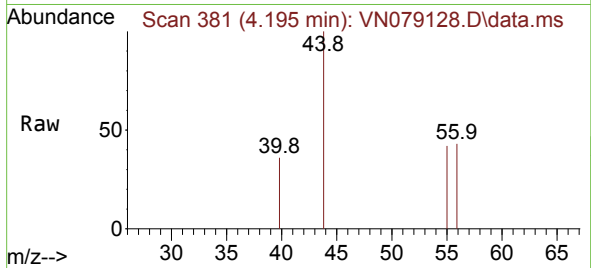




#13
Acrolein
Concen: 7.174 ug/l
RT: 4.195 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

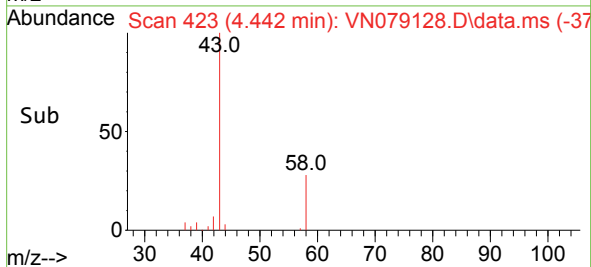
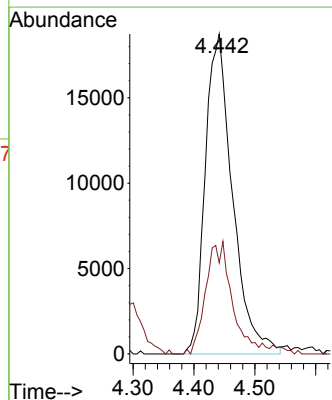
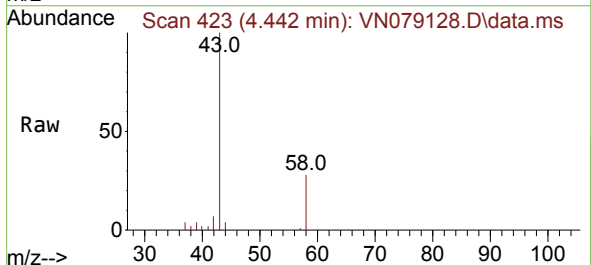
Instrument :
MSVOA_N
ClientSampleId :

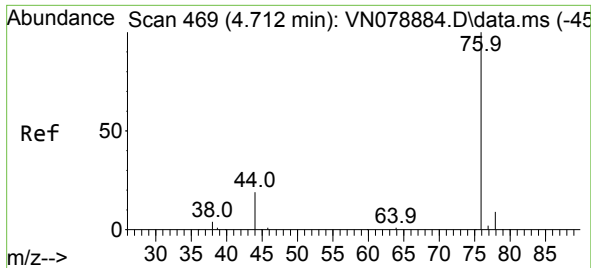
Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 117.6 54.5 81.7#



#16
Acetone
Concen: 30.651 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

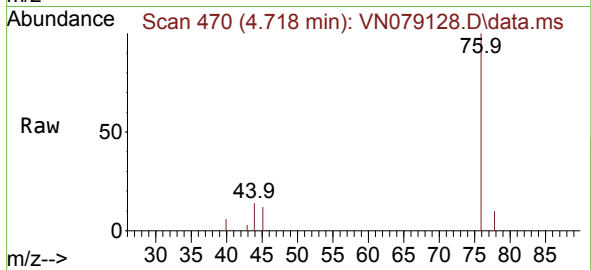
Tgt Ion: 43 Resp: 58100
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0



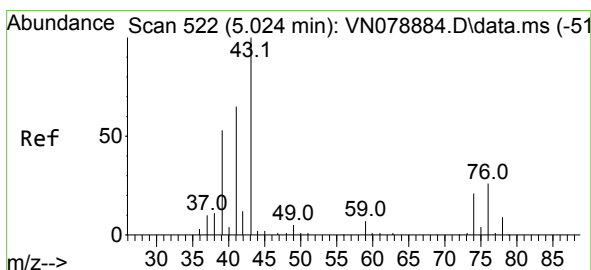
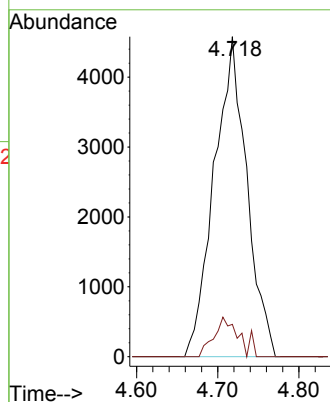
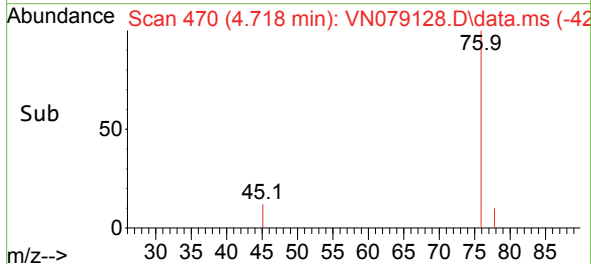


#17
Carbon Disulfide
Concen: 1.439 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Instrument :
MSVOA_N
ClientSampleId :

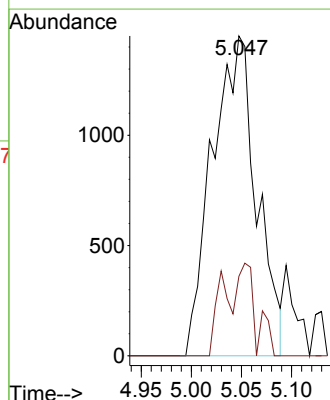
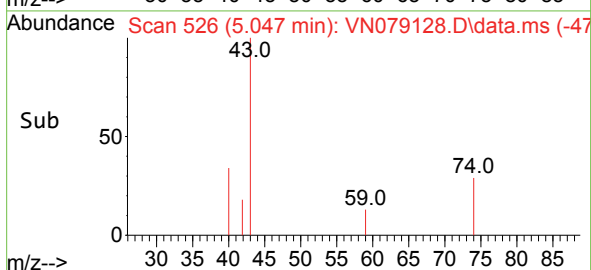
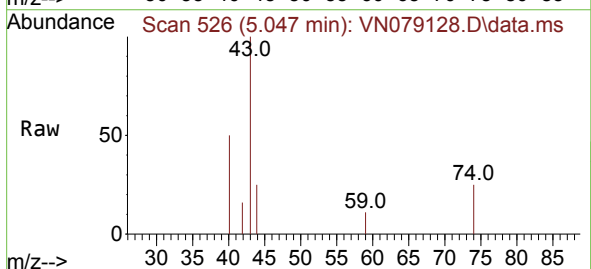


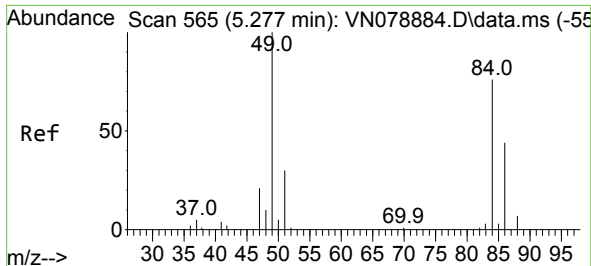
Tgt Ion: 76 Resp: 12769
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: 0.556 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.005 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

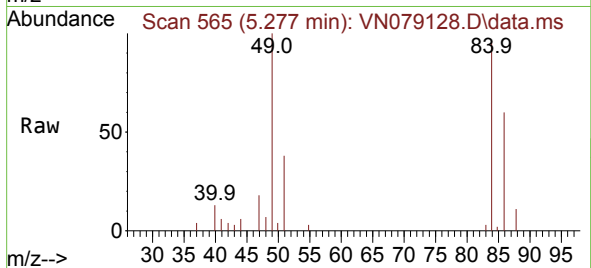
Tgt Ion: 43 Resp: 4455
Ion Ratio Lower Upper
43 100
74 12.3 26.2 39.4#



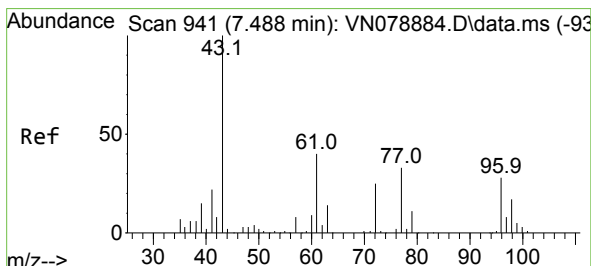
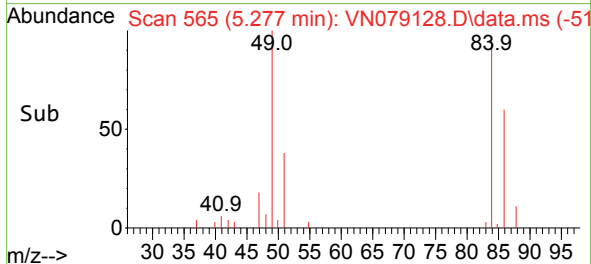
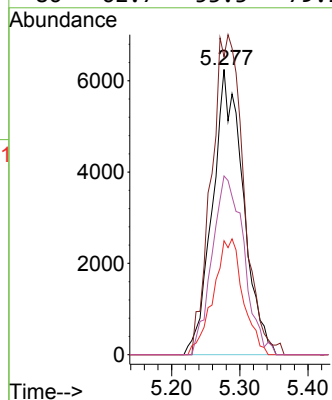


#20
Methylene Chloride
Concen: 4.836 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Instrument :
MSVOA_N
ClientSampleId :

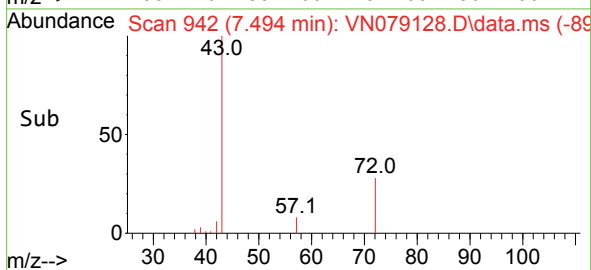
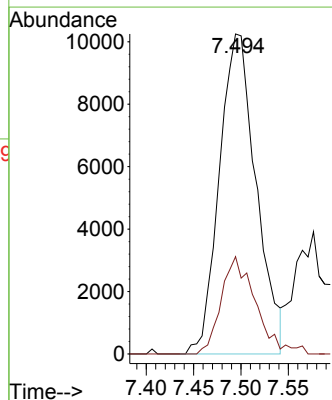
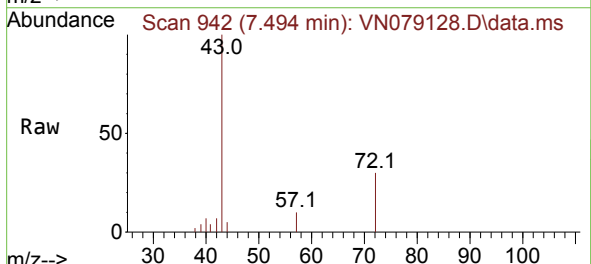


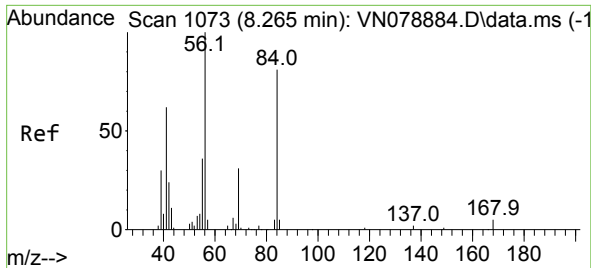
Tgt Ion:	84	Resp:	19536
Ion	Ratio	Lower	Upper
84	100		
49	104.5	79.7	119.5
51	39.9	25.2	37.8#
86	62.7	53.3	79.9



#25
2-Butanone
Concen: 9.110 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

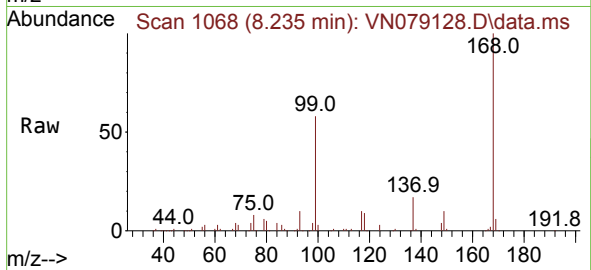
Tgt Ion:	43	Resp:	27685
Ion	Ratio	Lower	Upper
43	100		
72	30.4	30.2	45.2



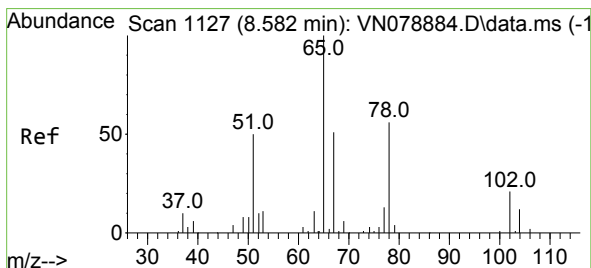
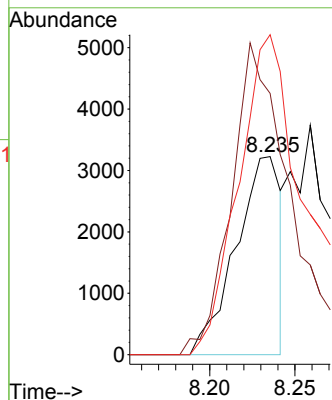
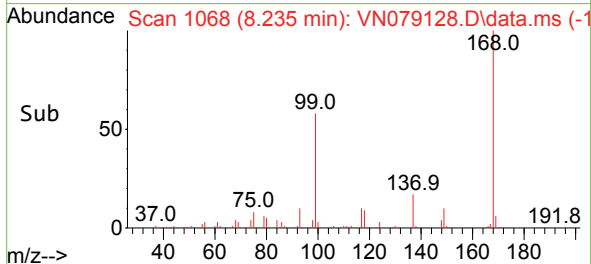


#31
Cyclohexane
Concen: Below Cal
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
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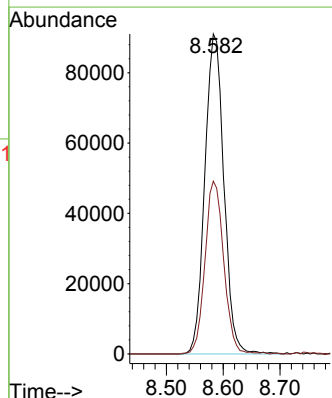
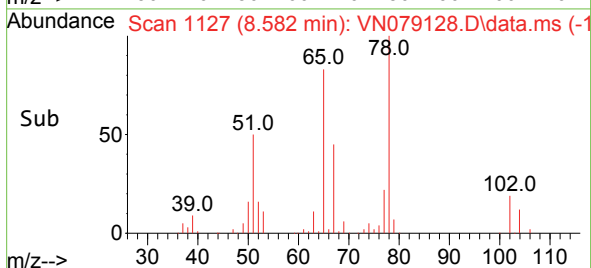
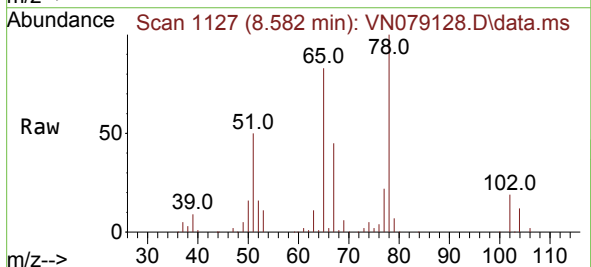


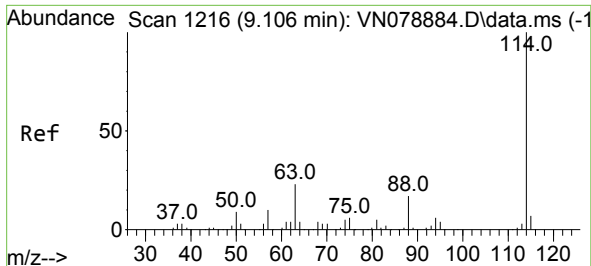
Tgt Ion: 56 Resp: 5907
Ion Ratio Lower Upper
56 100
69 131.9 26.8 40.2#
84 161.5 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.054 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
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Tgt Ion: 65 Resp: 211570
Ion Ratio Lower Upper
65 100
67 53.1 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: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

ClientSampleId :

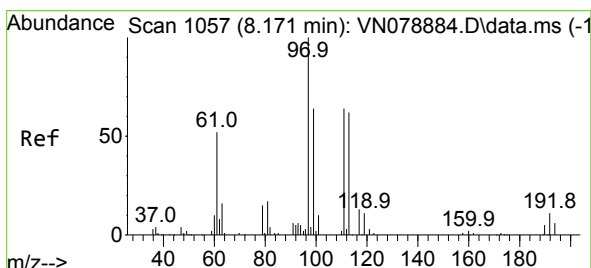
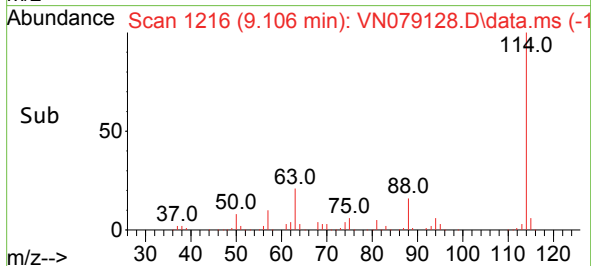
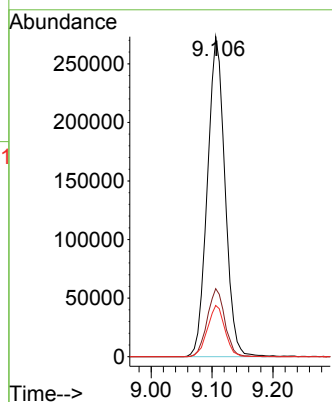
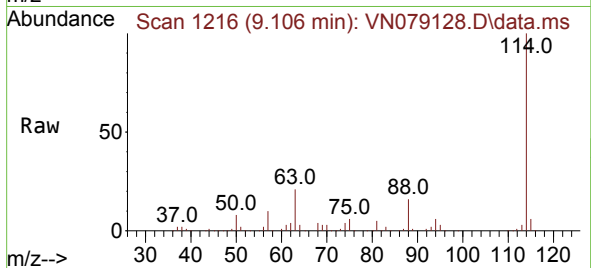
Tgt Ion:114 Resp: 548385

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.076 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

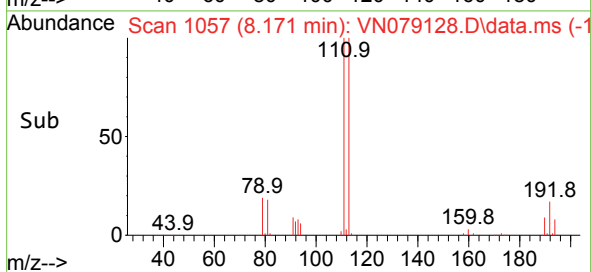
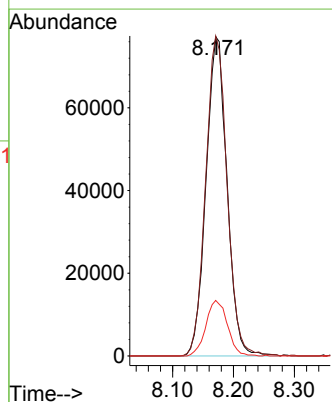
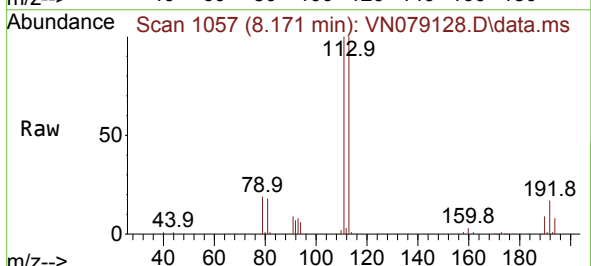
Tgt Ion:113 Resp: 184851

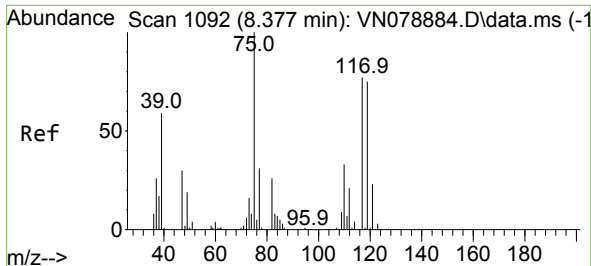
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 17.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.518 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

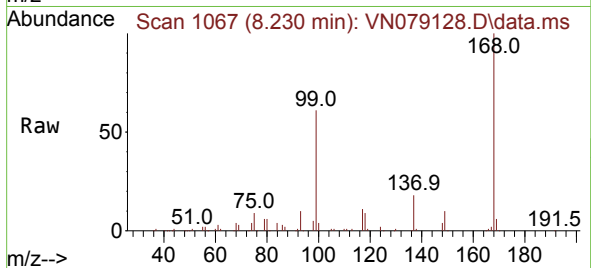
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ClientSampleId :



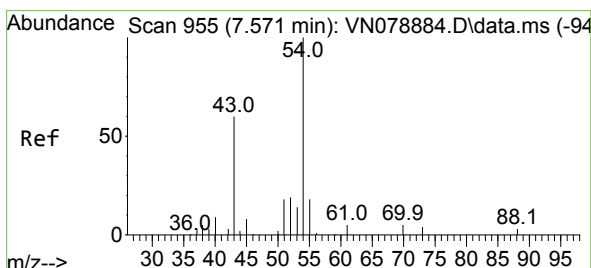
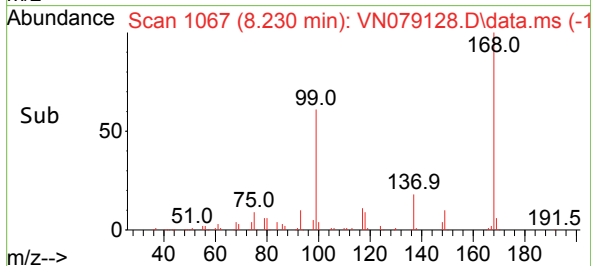
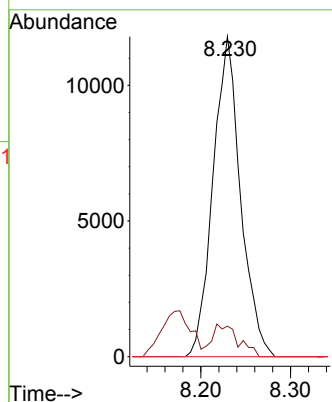
Tgt Ion: 75 Resp: 25090

Ion Ratio Lower Upper

75 100

110 9.8 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.558 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

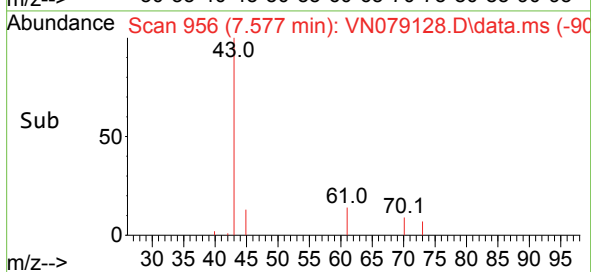
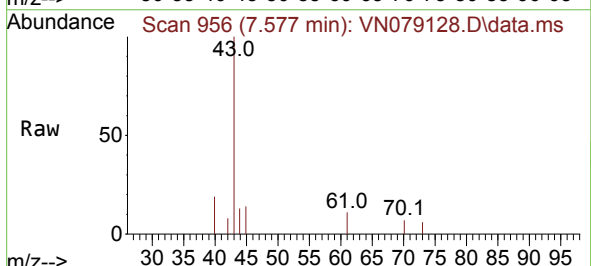
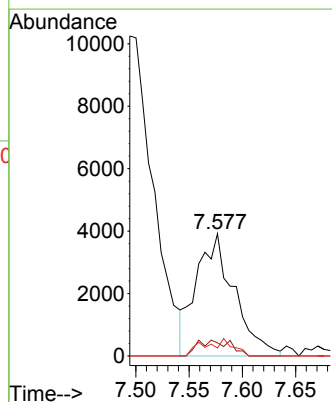
Tgt Ion: 43 Resp: 9679

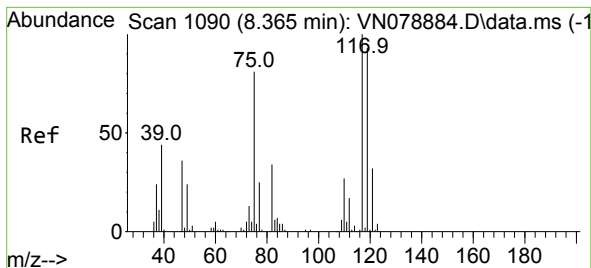
Ion Ratio Lower Upper

43 100

61 11.2 13.2 19.8#

70 4.9 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.559 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

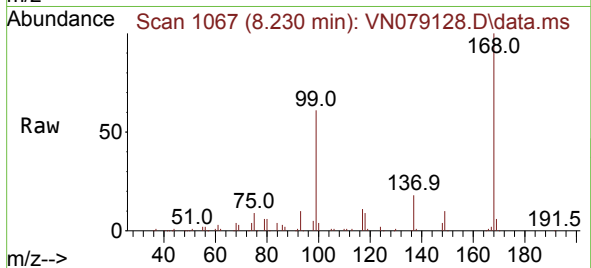
Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

ClientSampleId :



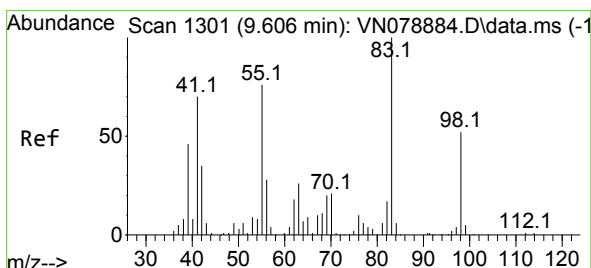
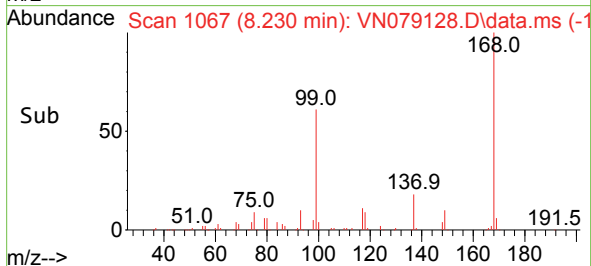
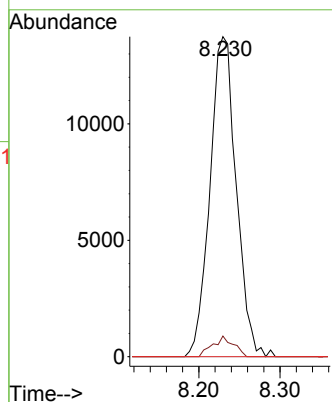
Tgt Ion:117 Resp: 30931

Ion Ratio Lower Upper

117 100

119 6.5 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 0.806 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

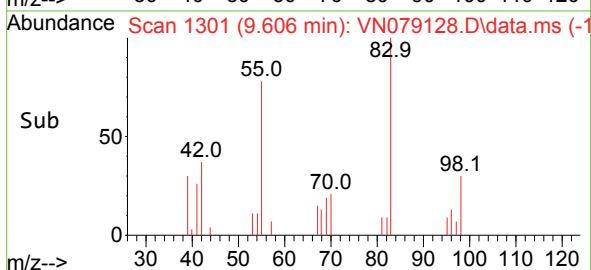
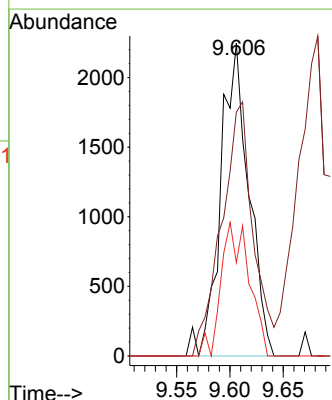
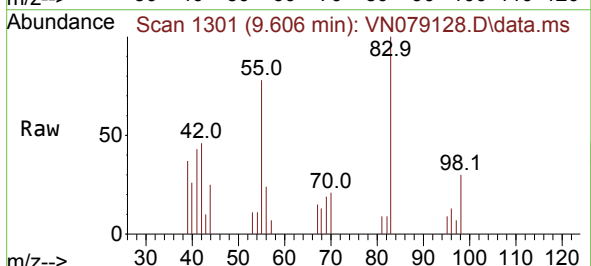
Tgt Ion: 83 Resp: 4118

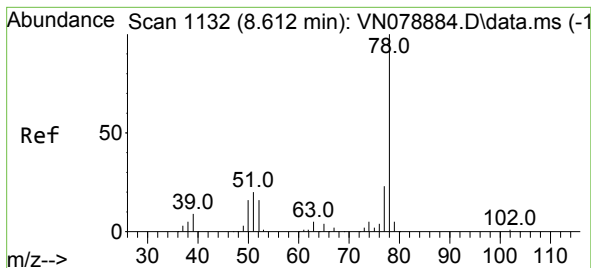
Ion Ratio Lower Upper

83 100

55 78.0 49.1 73.7#

98 29.8 40.6 61.0#





#40

Benzene

Concen: 102.734 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

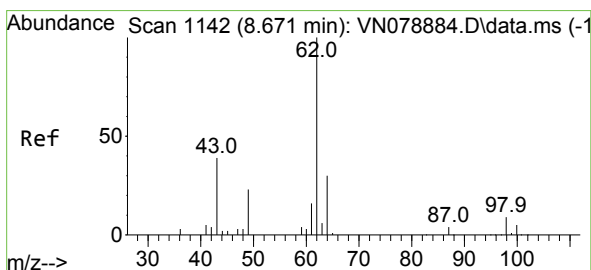
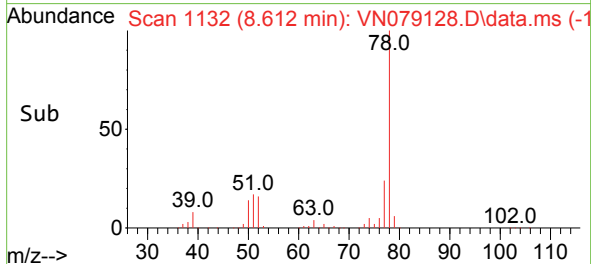
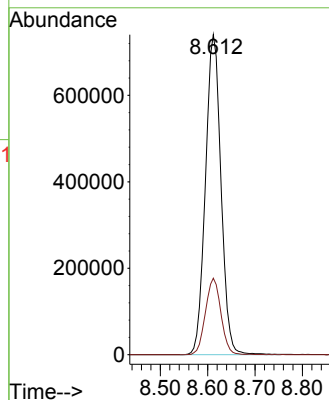
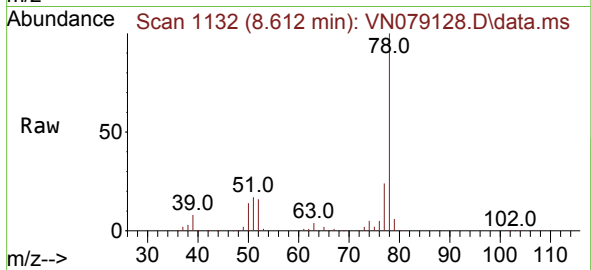
ClientSampleId :

Tgt Ion: 78 Resp: 1686168

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6



#42

1,2-Dichloroethane

Concen: 0.281 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.005 min

Lab File: VN079128.D

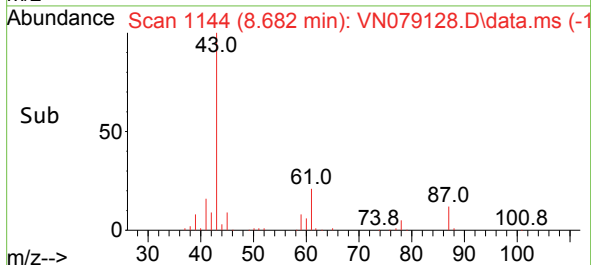
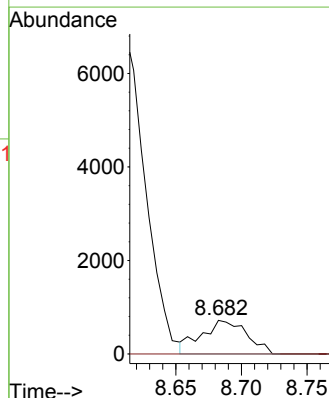
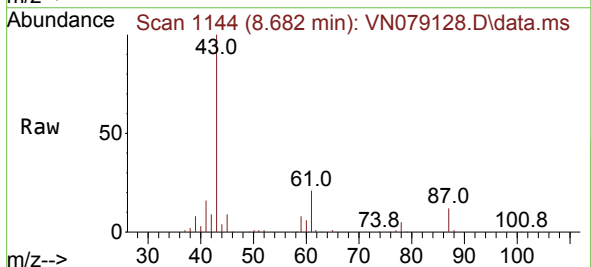
Acq: 01 Sep 2023 17:23

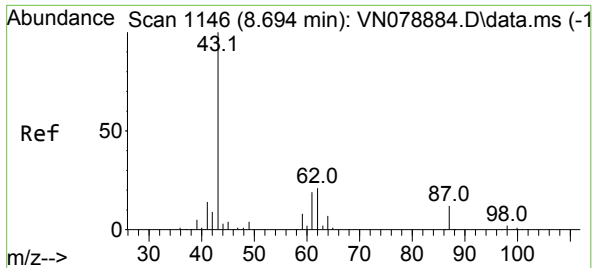
Tgt Ion: 62 Resp: 1721

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8

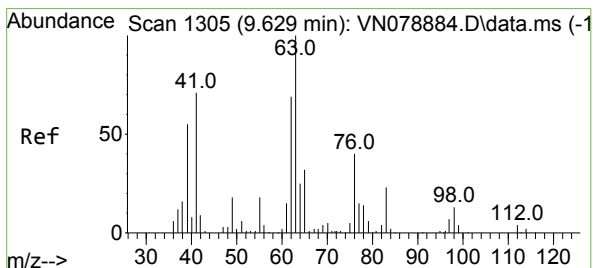
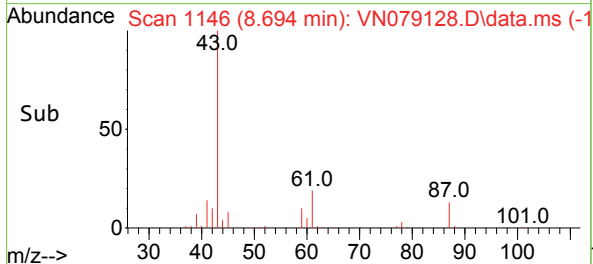
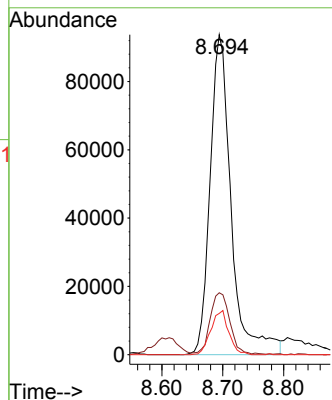
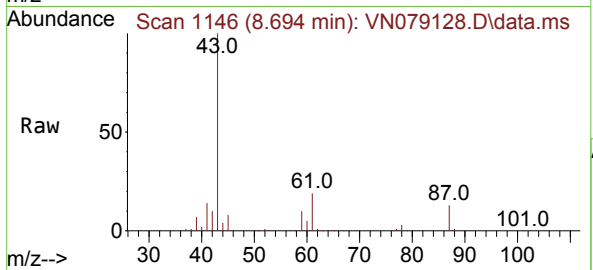




#43
Isopropyl Acetate
Concen: 20.531 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

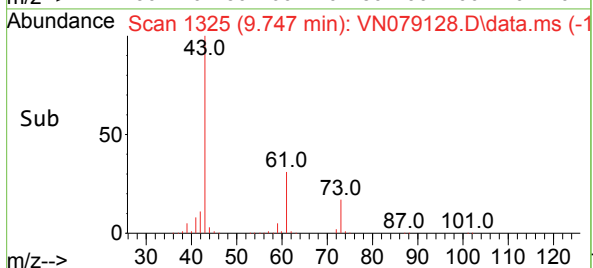
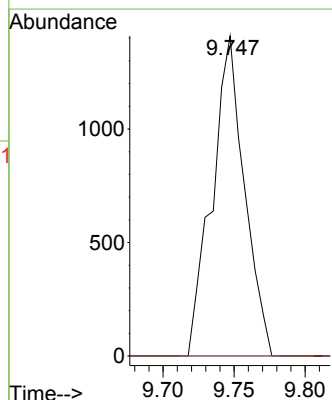
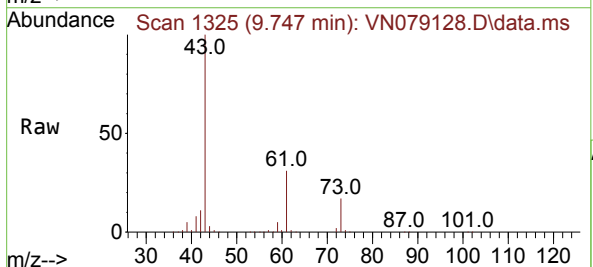
Instrument :
MSVOA_N
ClientSampleId :

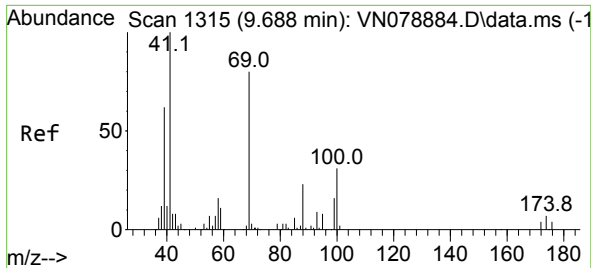
Tgt Ion: 43 Resp: 225452
Ion Ratio Lower Upper
43 100
61 17.8 24.7 37.1#
87 11.7 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.511 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.123 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Tgt Ion: 63 Resp: 2231
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#

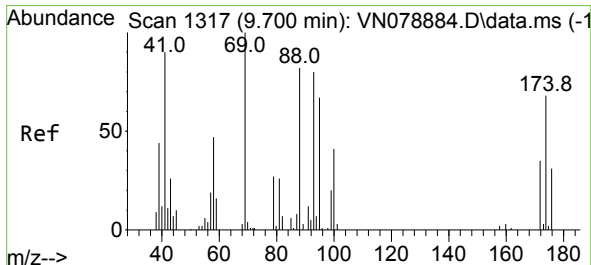
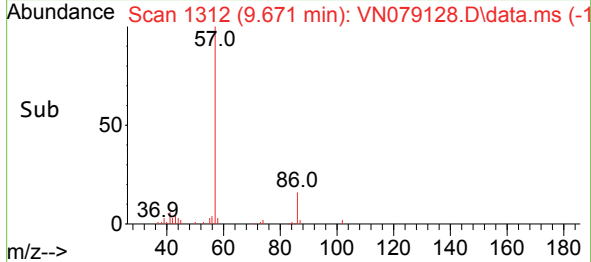
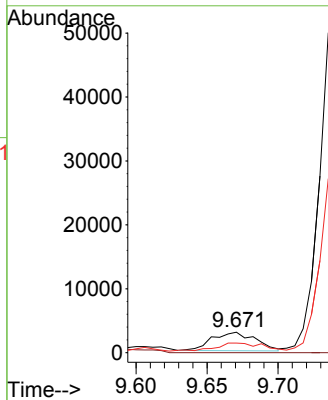
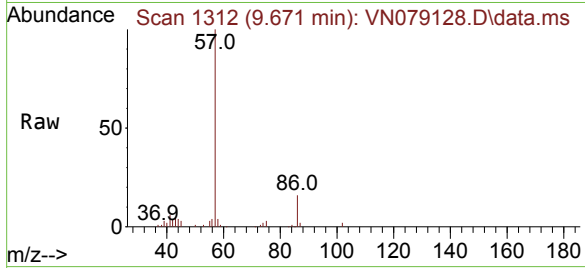




#48
Methyl methacrylate
Concen: 1.245 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.017 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

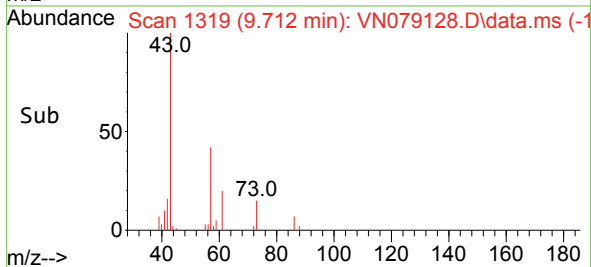
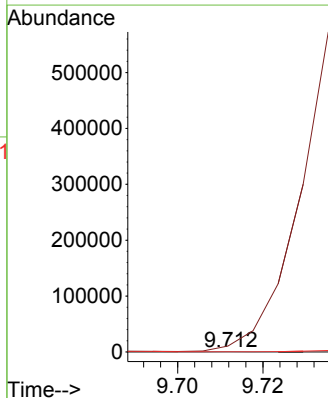
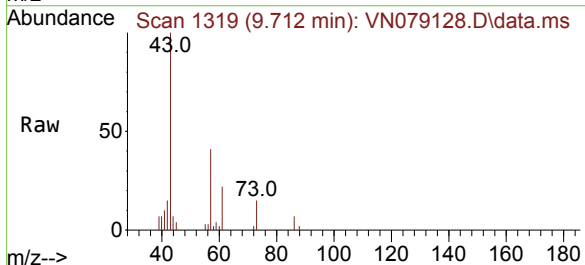
Instrument :
MSVOA_N
ClientSampleId :

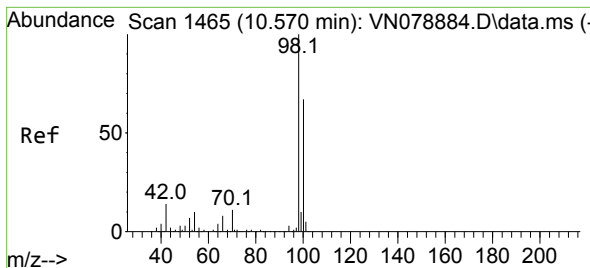
Tgt Ion: 41 Resp: 6193
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 60.2 54.6 81.8



#49
1,4-Dioxane
Concen: 1.015 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Tgt Ion: 88 Resp: 86
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#





#50

Toluene-d8

Concen: 48.473 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

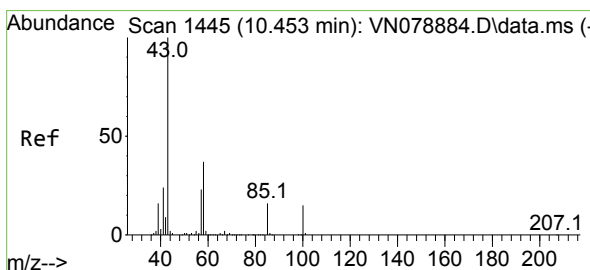
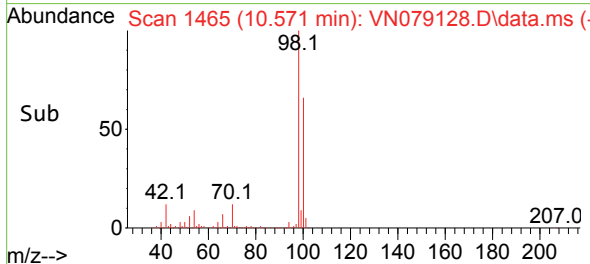
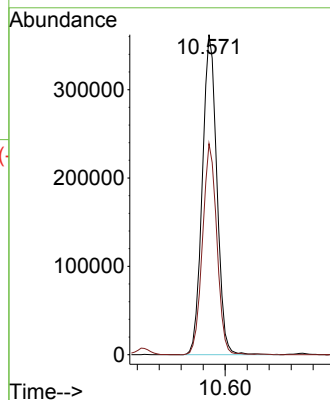
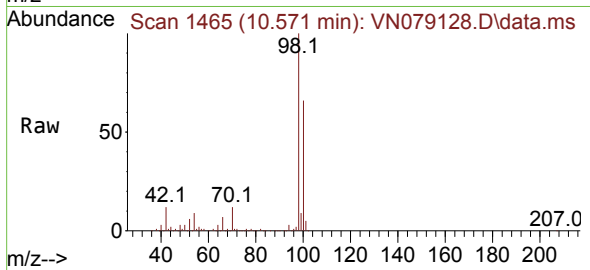
ClientSampleId :

Tgt Ion: 98 Resp: 664407

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 13.694 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079128.D

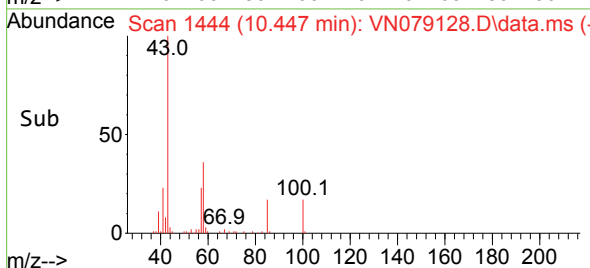
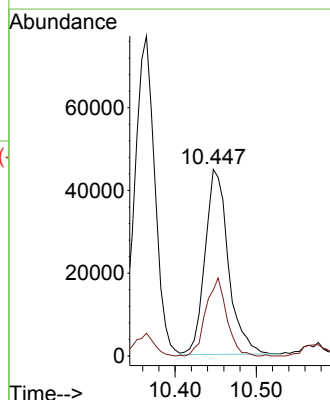
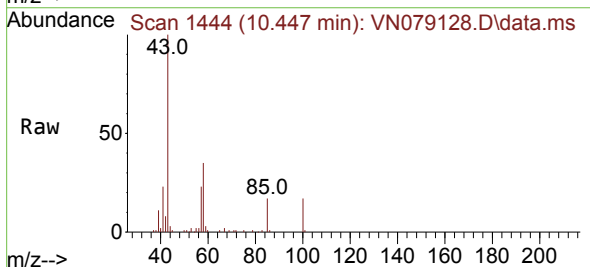
Acq: 01 Sep 2023 17:23

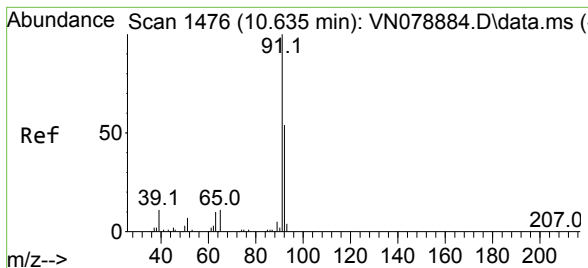
Tgt Ion: 43 Resp: 89189

Ion Ratio Lower Upper

43 100

58 37.6 36.6 54.8





#52

Toluene

Concen: 91.272 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

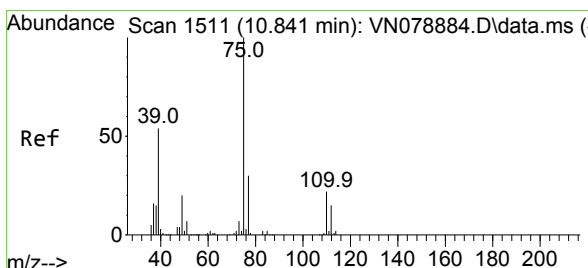
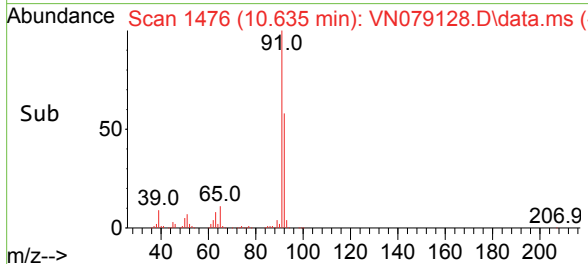
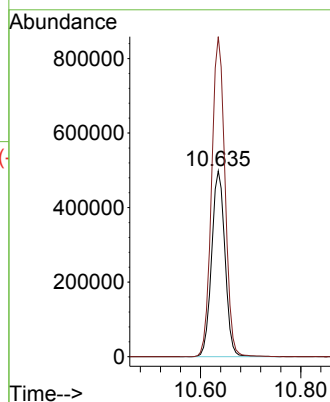
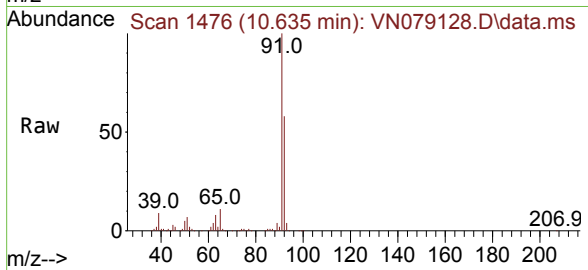
ClientSampleId :

Tgt Ion: 92 Resp: 919742

Ion Ratio Lower Upper

92 100

91 173.1 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 0.338 ug/l

RT: 10.735 min Scan# 1493

Delta R.T. -0.106 min

Lab File: VN079128.D

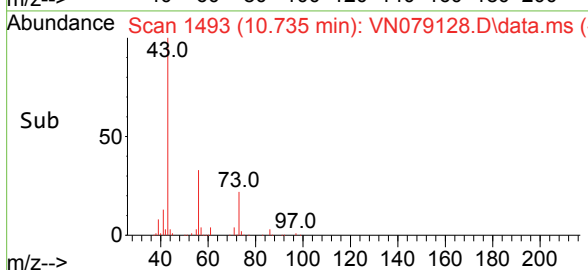
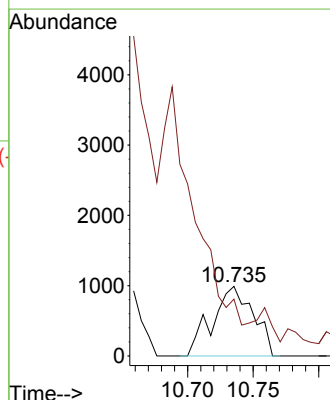
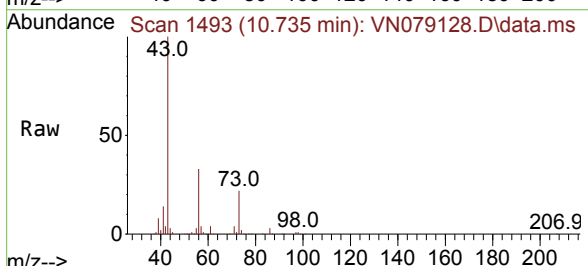
Acq: 01 Sep 2023 17:23

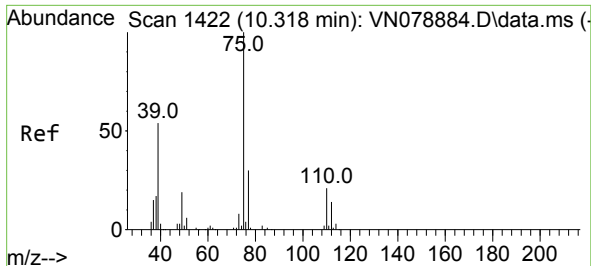
Tgt Ion: 75 Resp: 2145

Ion Ratio Lower Upper

75 100

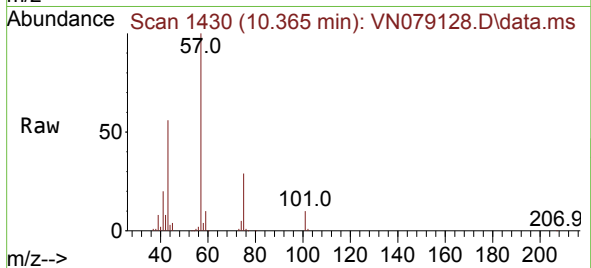
77 61.5 25.4 38.0#



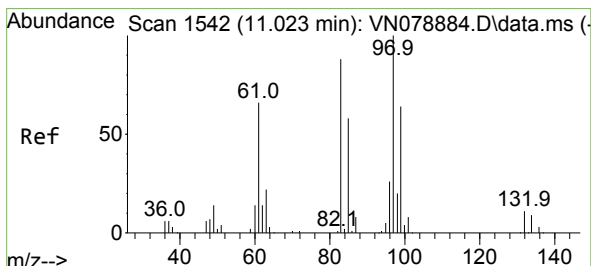
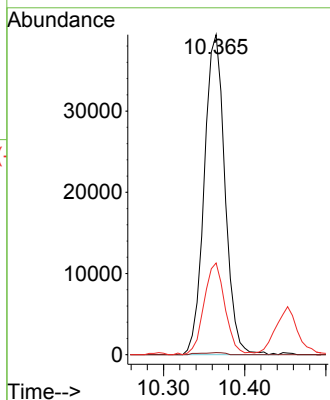
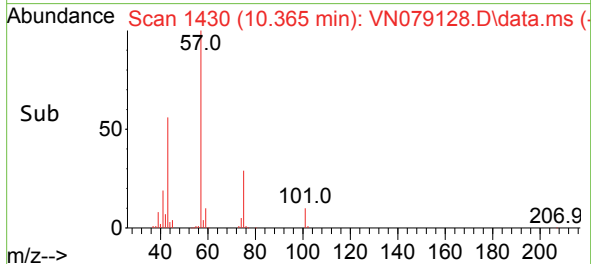


#54
 cis-1,3-Dichloropropene
 Concen: 10.079 ug/l
 RT: 10.365 min Scan# 14
 Delta R.T. 0.047 min
 Lab File: VN079128.D
 Acq: 01 Sep 2023 17:23

Instrument :
 MSVOA_N
 ClientSampleId :

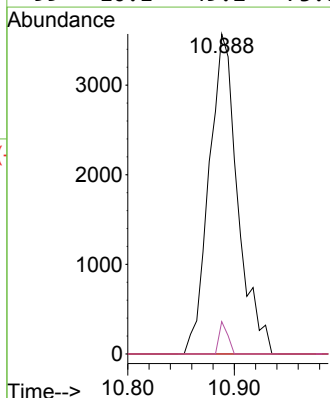
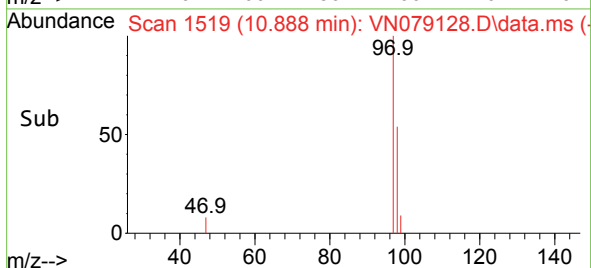
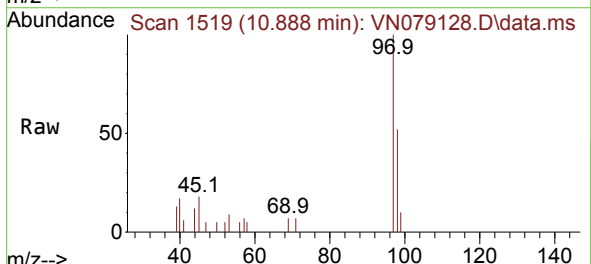


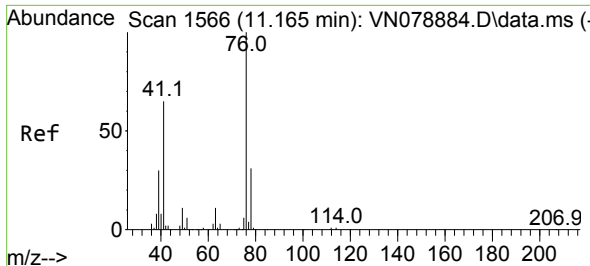
Tgt Ion: 75 Resp: 69675
 Ion Ratio Lower Upper
 75 100
 77 0.7 26.1 39.1#
 39 28.2 31.6 47.4#



#55
 1,1,2-Trichloroethane
 Concen: 1.653 ug/l
 RT: 10.888 min Scan# 1519
 Delta R.T. -0.136 min
 Lab File: VN079128.D
 Acq: 01 Sep 2023 17:23

Tgt Ion: 97 Resp: 6679
 Ion Ratio Lower Upper
 97 100
 83 0.0 65.1 97.7#
 85 0.0 43.4 65.2#
 99 10.1 49.2 73.8#





#57

1,3-Dichloropropane

Concen: 0.772 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

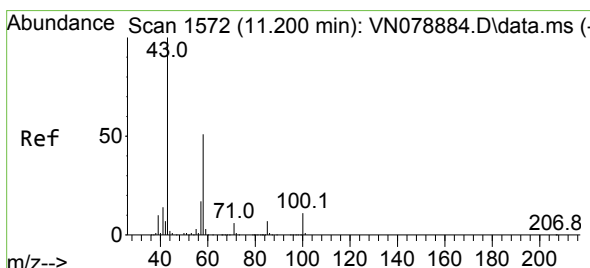
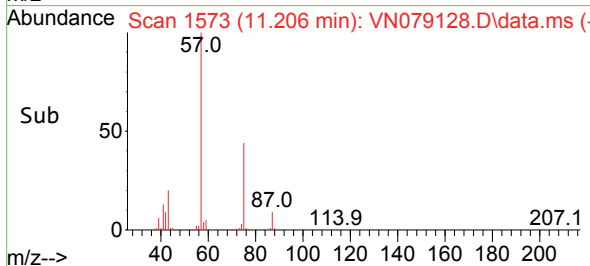
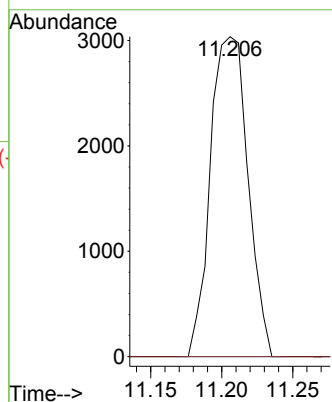
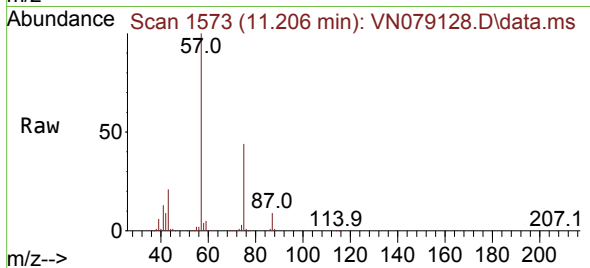
ClientSampleId :

Tgt Ion: 76 Resp: 5581

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 24.398 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.024 min

Lab File: VN079128.D

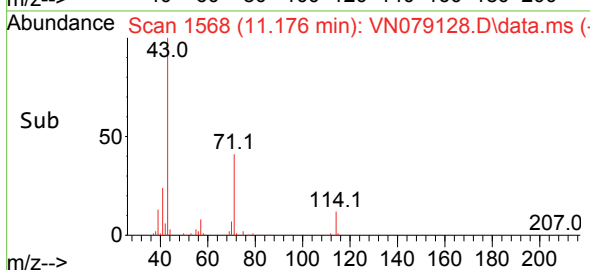
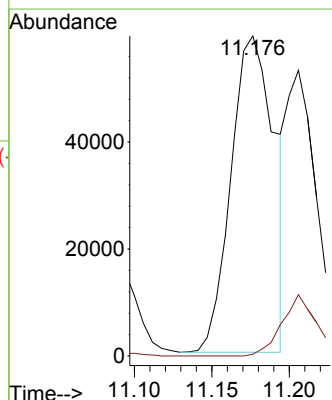
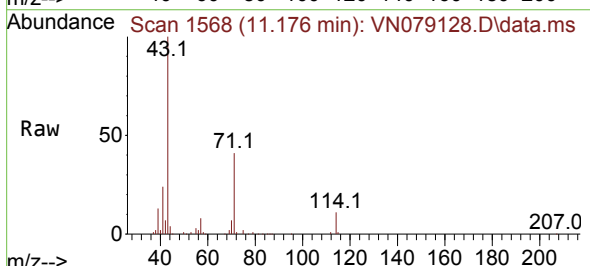
Acq: 01 Sep 2023 17:23

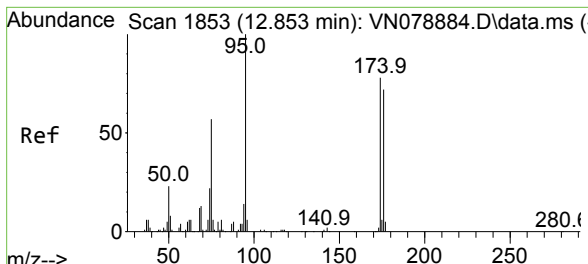
Tgt Ion: 43 Resp: 115096

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

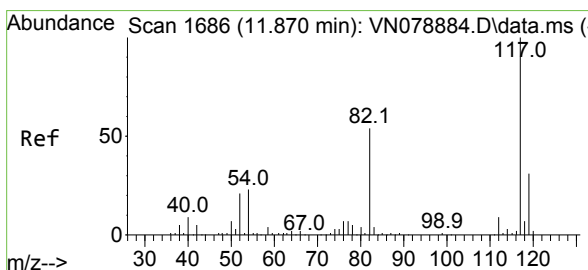
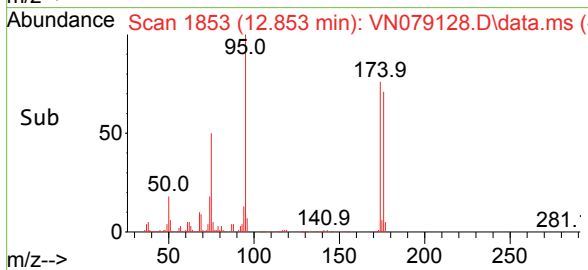
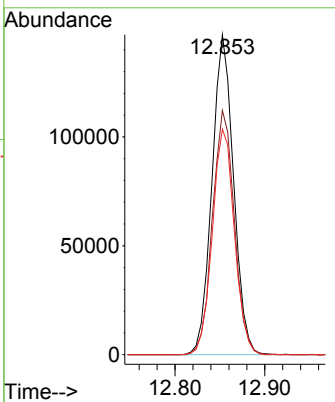
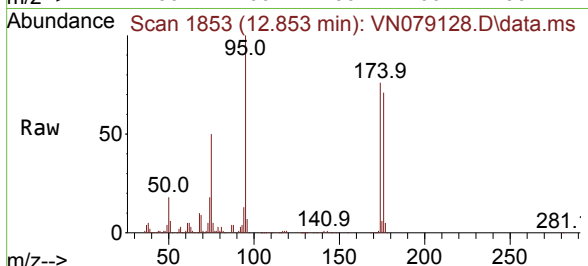




#62
 4-Bromofluorobenzene
 Concen: 54.739 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN079128.D
 Acq: 01 Sep 2023 17:23

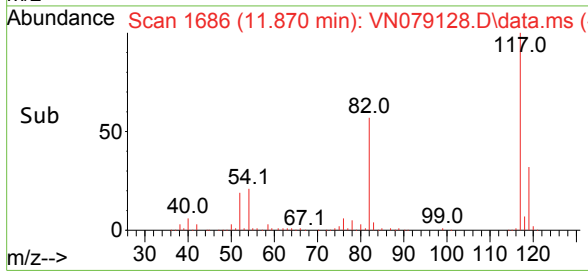
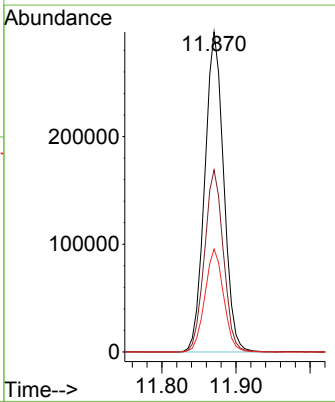
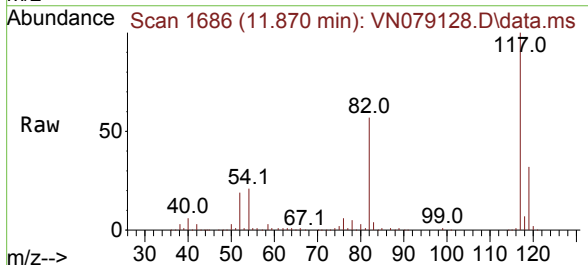
Instrument :
 MSVOA_N
 ClientSampleId :

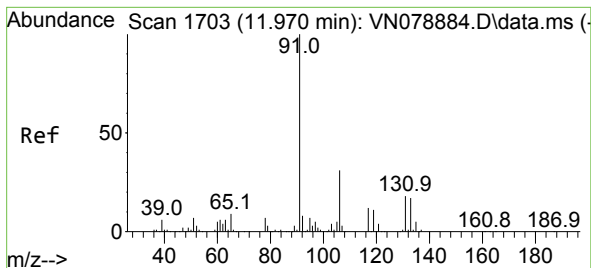
Tgt Ion:	95	Resp:	245237
Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	143.8
176	72.2	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN079128.D
 Acq: 01 Sep 2023 17:23

Tgt Ion:	117	Resp:	526206
Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.0	66.0
119	32.1	25.6	38.4





#67

Ethyl Benzene

Concen: 5.279 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. -0.001 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

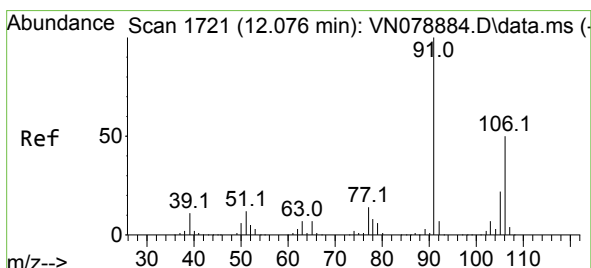
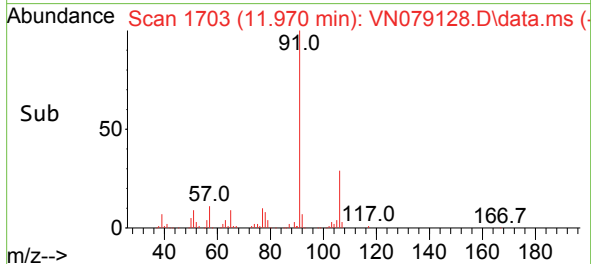
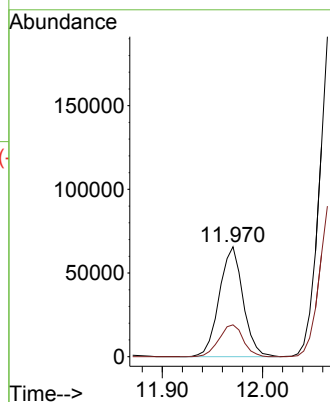
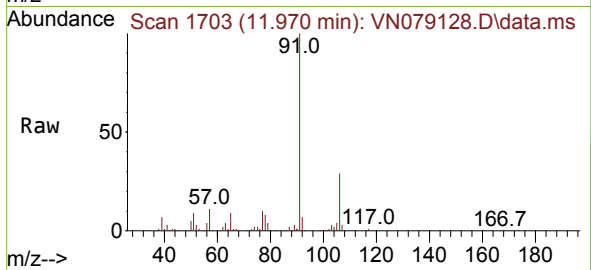
ClientSampleId :

Tgt Ion: 91 Resp: 107525

Ion Ratio Lower Upper

91 100

106 28.9 25.6 38.4



#68

m/p-Xylenes

Concen: 25.936 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.006 min

Lab File: VN079128.D

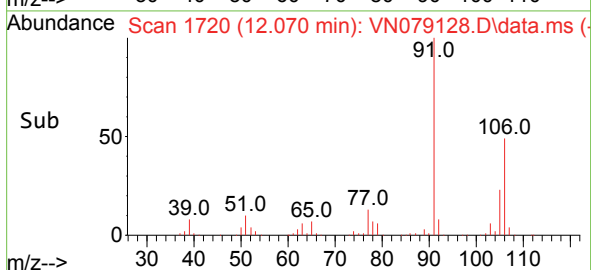
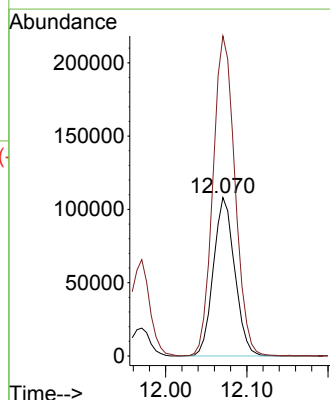
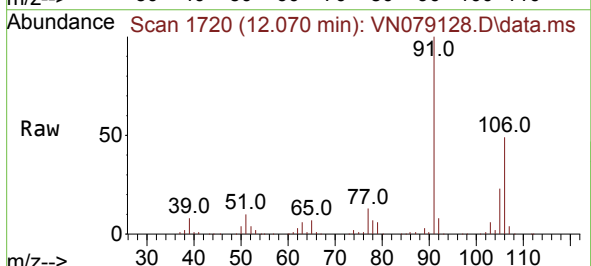
Acq: 01 Sep 2023 17:23

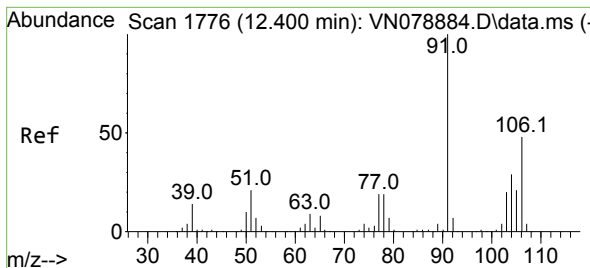
Tgt Ion:106 Resp: 197519

Ion Ratio Lower Upper

106 100

91 208.6 159.6 239.4

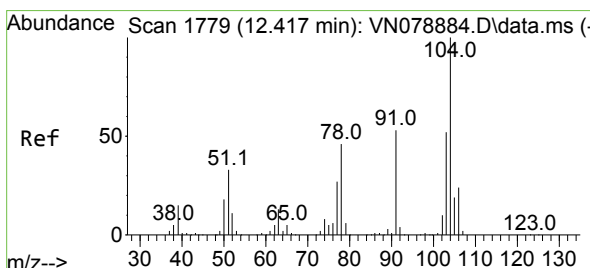
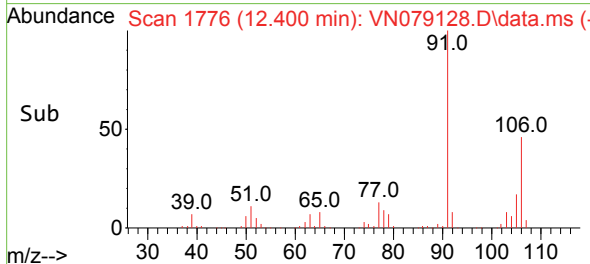
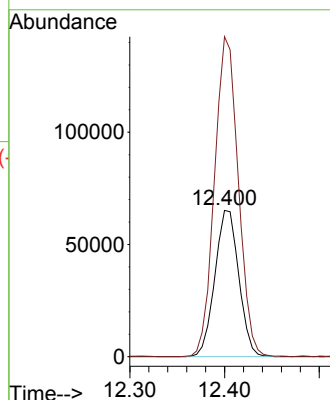
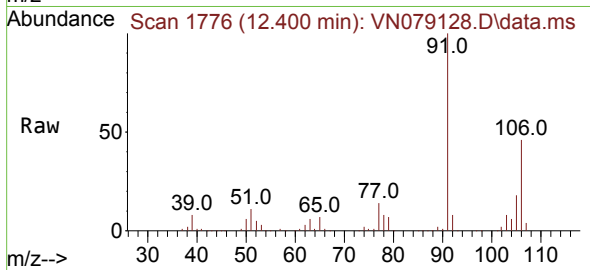




#69
o-Xylene
Concen: 15.435 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

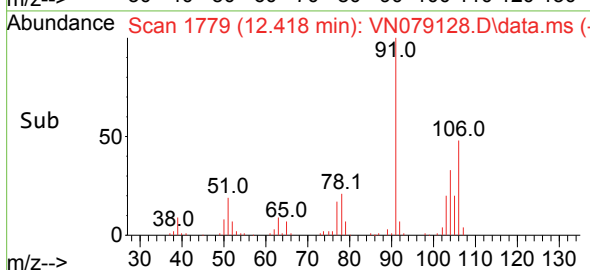
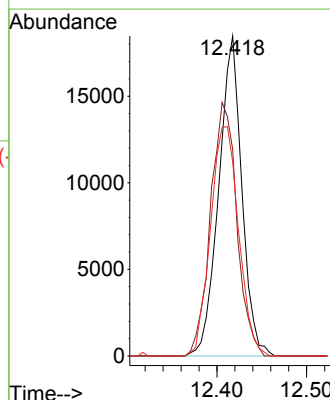
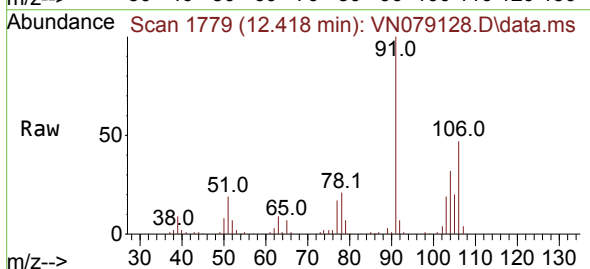
Instrument :
MSVOA_N
ClientSampleId :

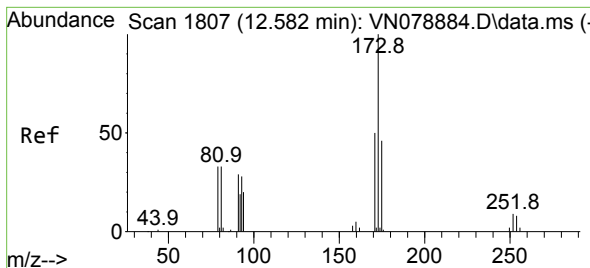
Tgt Ion:106 Resp: 114347
Ion Ratio Lower Upper
106 100
91 218.0 105.2 315.5



#70
Styrene
Concen: 2.668 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Tgt Ion:104 Resp: 32959
Ion Ratio Lower Upper
104 100
78 90.4 39.5 59.3#
103 87.4 43.2 64.8#





#71

Bromoform

Concen: 0.417 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

ClientSampleId :

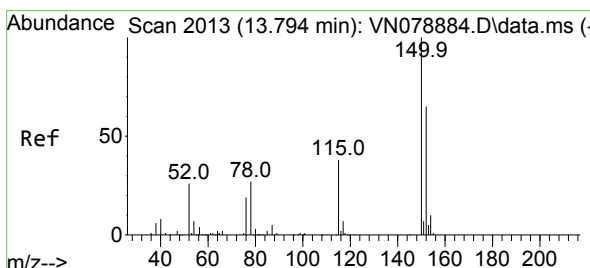
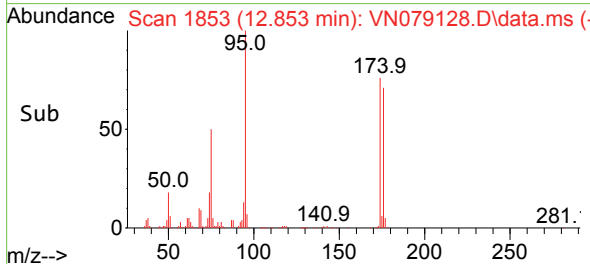
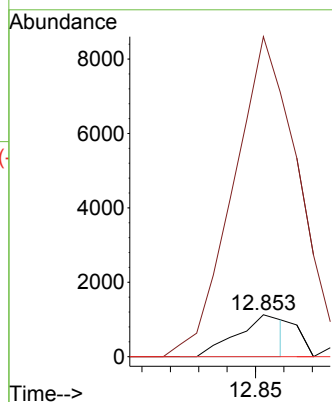
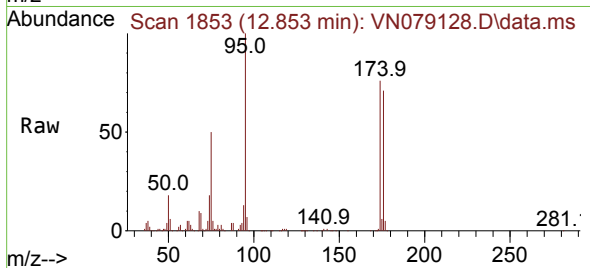
Tgt Ion:173 Resp: 1283

Ion Ratio Lower Upper

173 100

175 810.5 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

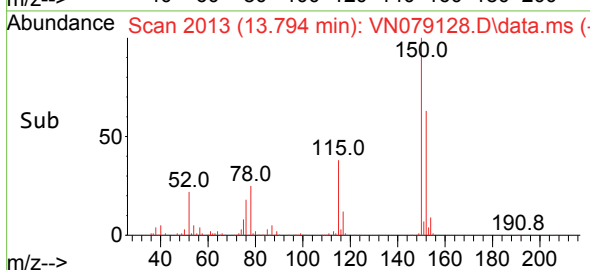
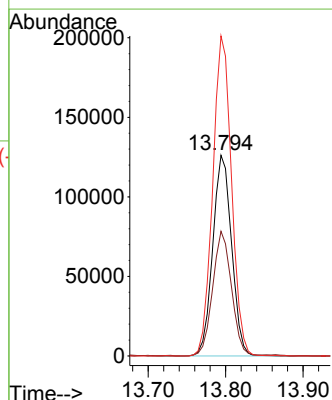
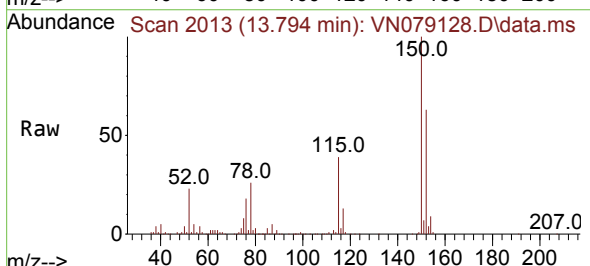
Tgt Ion:152 Resp: 213661

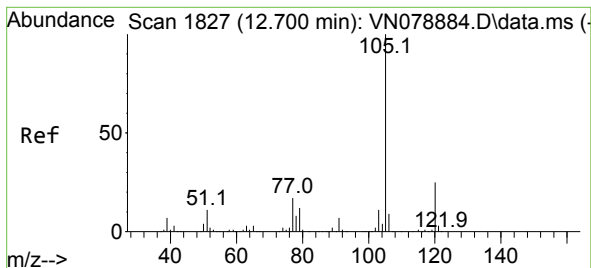
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 158.6 0.0 355.8





#73

Isopropylbenzene

Concen: 0.349 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

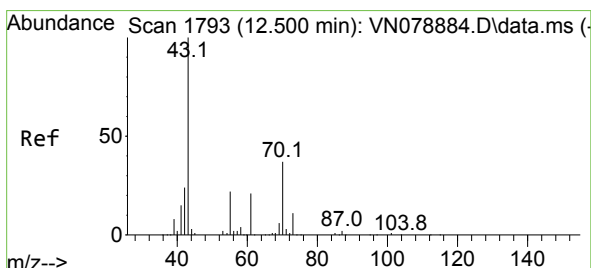
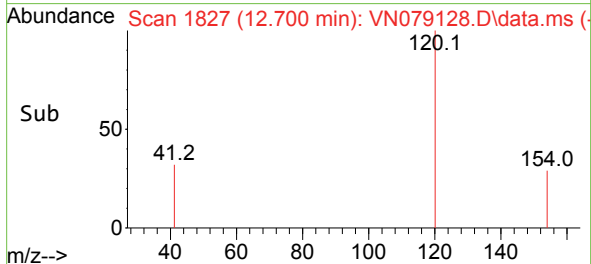
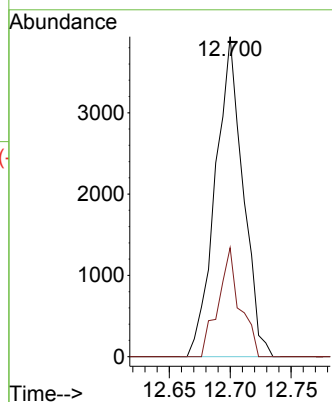
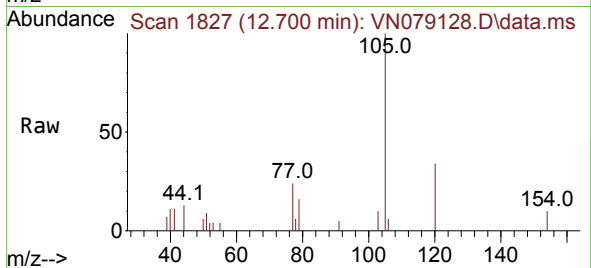
ClientSampleId :

Tgt Ion:105 Resp: 6220

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.1



#74

N-ethyl acetate

Concen: 0.430 ug/l

RT: 12.465 min Scan# 1787

Delta R.T. -0.035 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Tgt Ion: 43 Resp: 3870

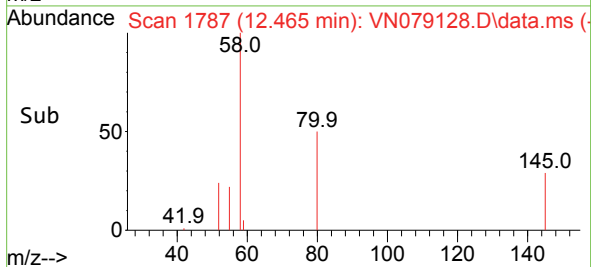
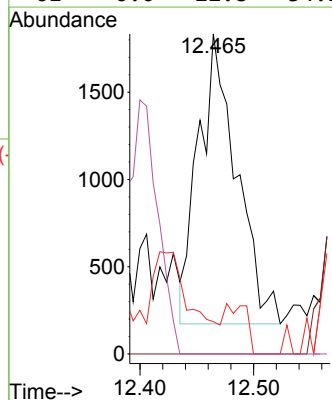
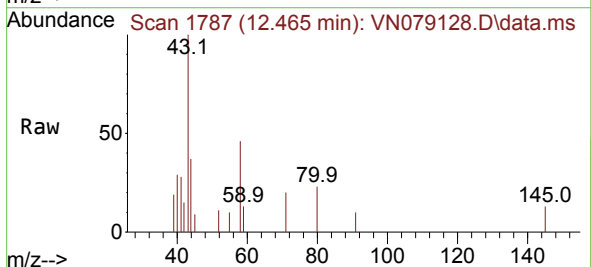
Ion Ratio Lower Upper

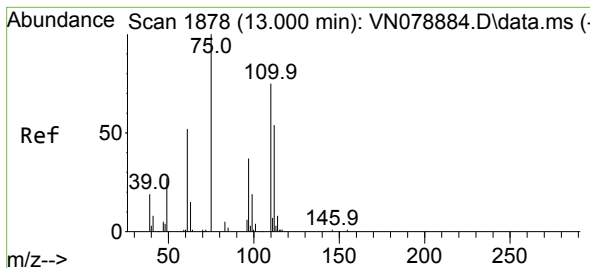
43 100

70 0.0 43.4 65.2#

55 9.8 21.4 32.0#

61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 24.643 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

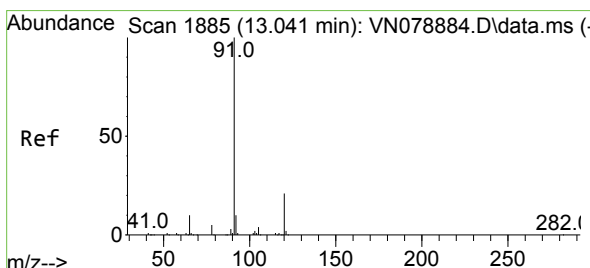
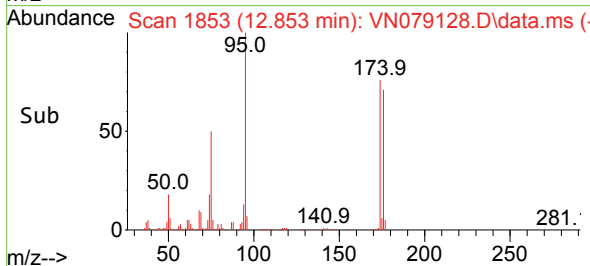
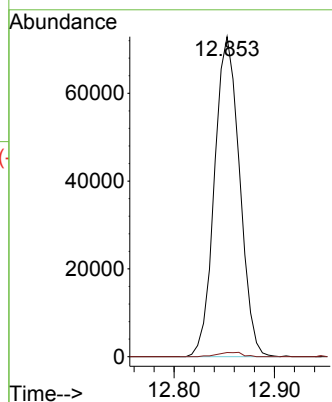
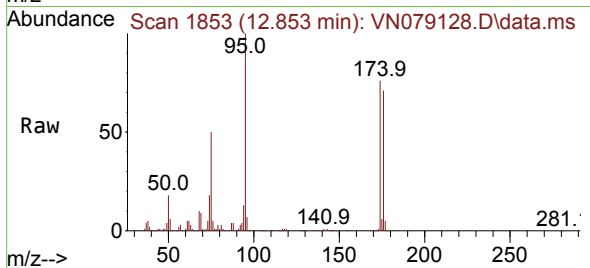
ClientSampleId :

Tgt Ion: 75 Resp: 126866

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#78

n-propylbenzene

Concen: 0.413 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079128.D

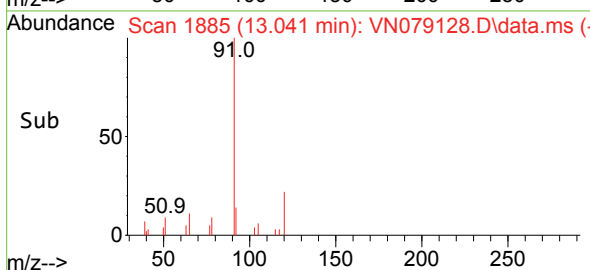
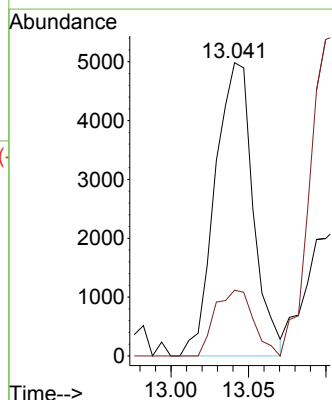
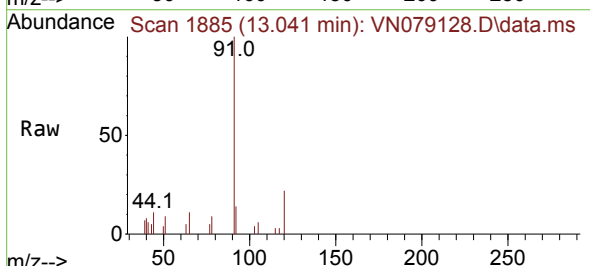
Acq: 01 Sep 2023 17:23

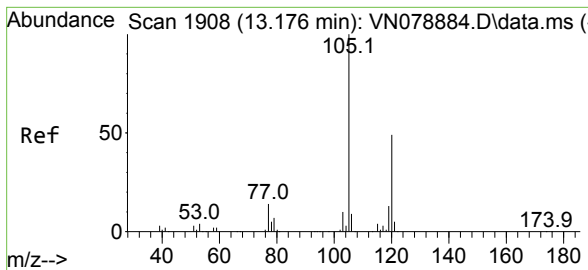
Tgt Ion: 91 Resp: 8526

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

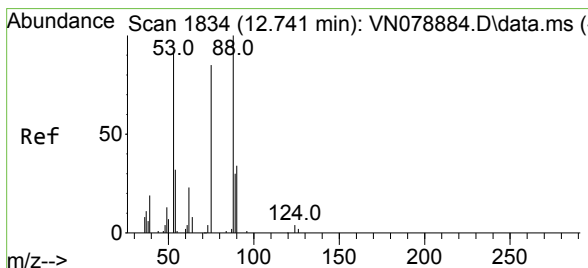
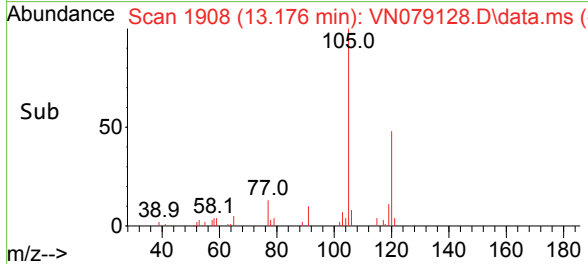
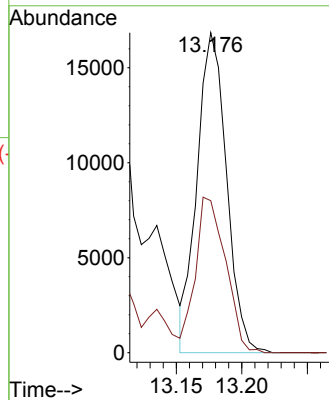
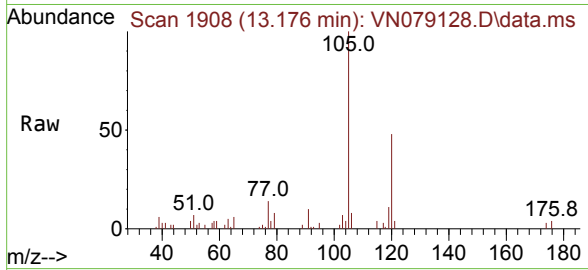




#80
 1,3,5-Trimethylbenzene
 Concen: 1.867 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079128.D
 Acq: 01 Sep 2023 17:23

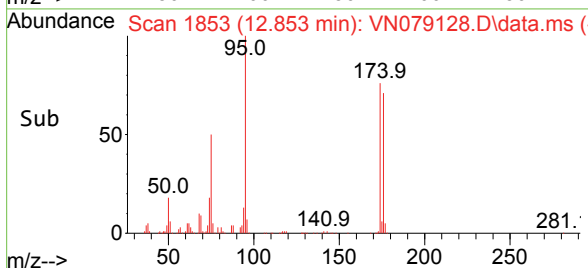
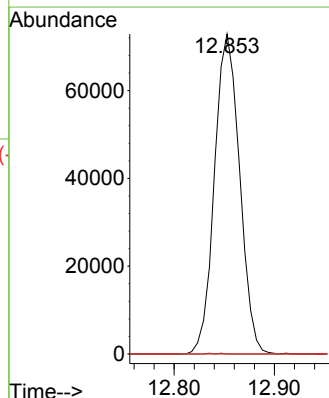
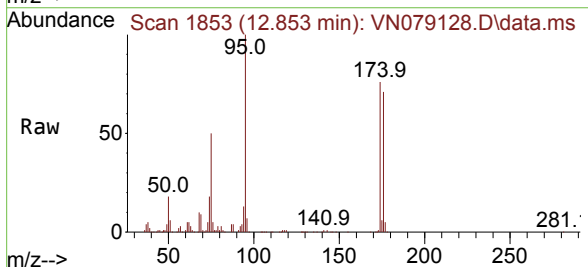
Instrument :
 MSVOA_N
 ClientSampleId :

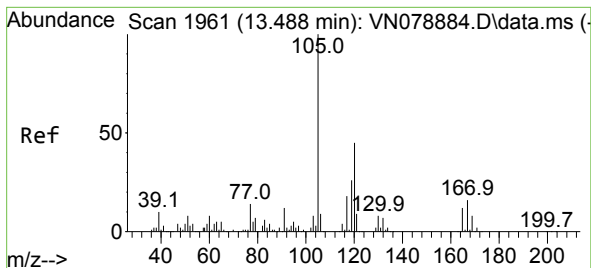
Tgt Ion:105 Resp: 26352
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.952 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN079128.D
 Acq: 01 Sep 2023 17:23

Tgt Ion: 75 Resp: 126866
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#





#84

1,2,4-Trimethylbenzene

Concen: 5.217 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

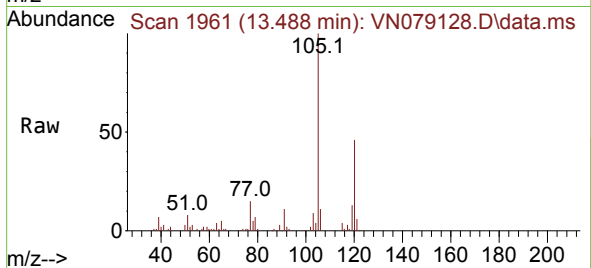
Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

ClientSampleId :

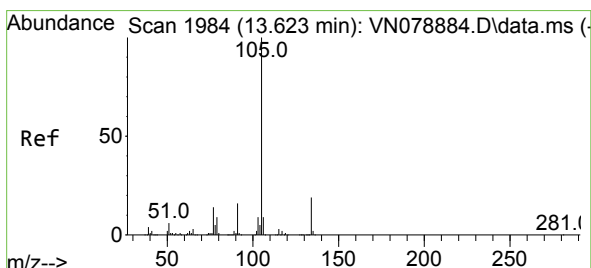
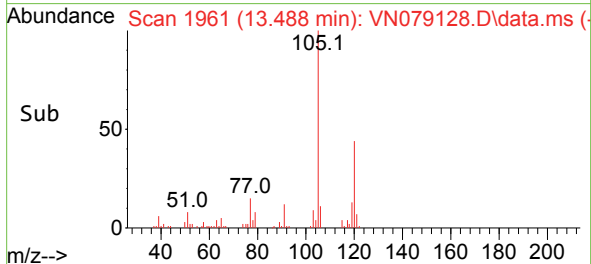
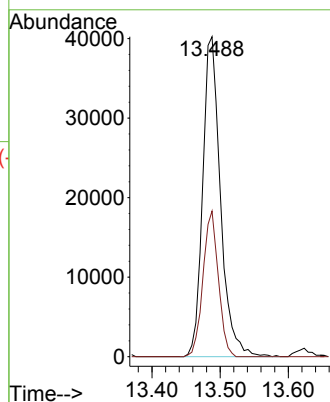


Tgt Ion:105 Resp: 72931

Ion Ratio Lower Upper

105 100

120 39.3 22.0 66.0



#85

sec-Butylbenzene

Concen: 4.468 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.135 min

Lab File: VN079128.D

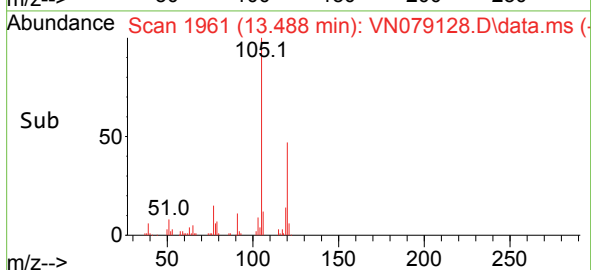
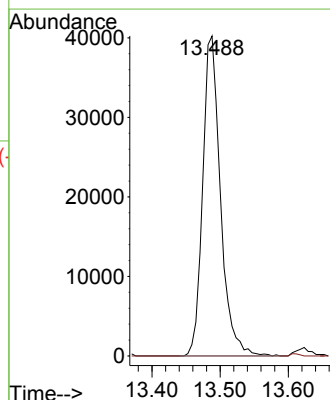
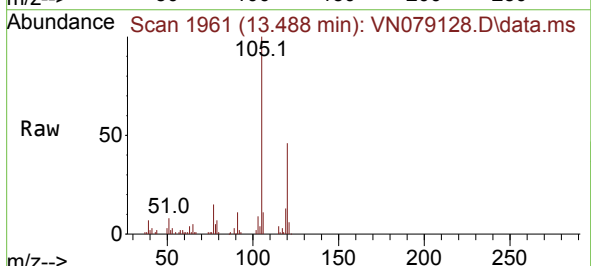
Acq: 01 Sep 2023 17:23

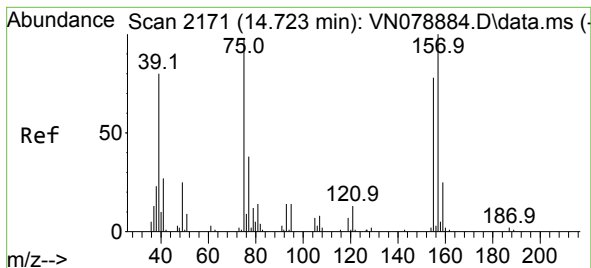
Tgt Ion:105 Resp: 72931

Ion Ratio Lower Upper

105 100

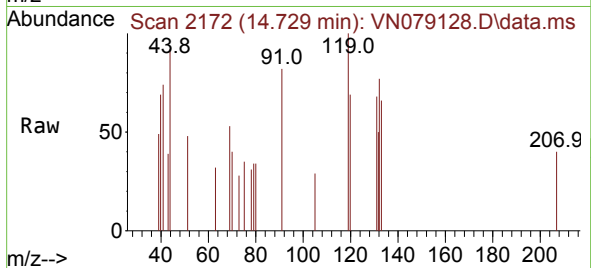
134 0.0 9.8 29.3#



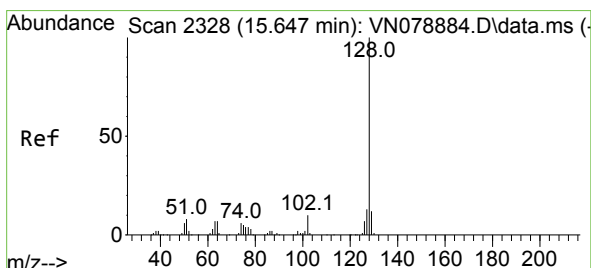
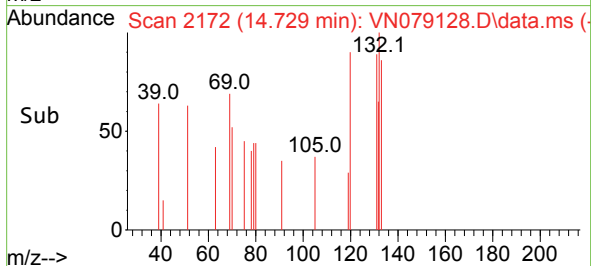
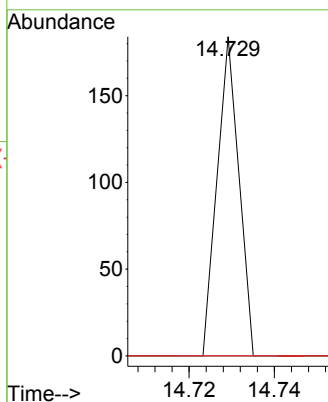


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 65
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#



#95
Naphthalene
Concen: 41.383 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Tgt Ion:128 Resp: 402859
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.8 8.7 13.1

