

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079028.D
 Acq On : 24 Aug 2023 13:53
 Operator : JC\MD
 Sample : 04047-03
 Misc : 5.14g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 01:13:11 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	8.224	168	201607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	371203	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.871	117	347094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154066	49.110	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.220%
35) Dibromofluoromethane	8.165	113	129366	51.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.540%
50) Toluene-d8	10.571	98	450287	48.532	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.853	95	168767	55.651	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.300%

Target Compounds				Qvalue		
3) Chloromethane	2.354	50	915	0.234	ug/l #	42
6) Chloroethane	3.159	64	498	0.208	ug/l #	43
10) Methyl Iodide	4.559	142	1194	0.480	ug/l #	38
11) Tert butyl alcohol	5.489	59	5929	11.263	ug/l #	72
15) Acrylonitrile	5.724	53	291	0.204	ug/l #	48
18) Methyl Acetate	5.030	43	2285	0.418	ug/l #	42
20) Methylene Chloride	5.259	84	1068	0.387	ug/l #	76
31) Cyclohexane	8.230	56	5901	Below Cal	#	56
36) 1,1-Dichloropropene	8.224	75	18726	4.982	ug/l #	49
38) Carbon Tetrachloride	8.218	117	21675	5.755	ug/l #	15
39) Methylcyclohexane	9.594	83	1142	0.330	ug/l #	37
40) Benzene	8.606	78	127573	11.483	ug/l	97
42) 1,2-Dichloroethane	8.600	62	1396	0.336	ug/l	96
43) Isopropyl Acetate	8.688	43	2181	0.293	ug/l #	49
48) Methyl methacrylate	9.600	41	772	0.229	ug/l #	39
51) 4-Methyl-2-Pentanone	10.453	43	1011	0.229	ug/l #	66
52) Toluene	10.630	92	1573	0.231	ug/l	88
59) 2-Hexanone	11.200	43	1903	0.596	ug/l	61
67) Ethyl Benzene	11.971	91	668242	49.735	ug/l	98
68) m/p-Xylenes	12.071	106	81281	16.180	ug/l	93
69) o-Xylene	12.400	106	65541	13.412	ug/l	96
70) Styrene	12.406	104	4742	0.582	ug/l #	1
71) Bromoform	12.847	173	1465	0.722	ug/l #	1
73) Isopropylbenzene	12.700	105	46784	3.099	ug/l	97
74) N-amyl acetate	12.488	43	2111	0.277	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	91875	21.059	ug/l #	1
78) n-propylbenzene	13.041	91	22450	1.282	ug/l	94
79) 2-Chlorotoluene	13.223	91	2177	0.200	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	55252	4.618	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.853	75	91875	53.798	ug/l #	15
82) 4-Chlorotoluene	13.223	91	2177	0.205	ug/l	93
83) tert-Butylbenzene	13.482	119	26460	2.632	ug/l #	51
84) 1,2,4-Trimethylbenzene	13.488	105	201547	17.013	ug/l	98
85) sec-Butylbenzene	13.488	105	201547	14.569	ug/l #	57
86) p-Isopropyltoluene	13.735	119	20776	1.880	ug/l	93
87) 1,3-Dichlorobenzene	13.741	146	1691	0.271	ug/l #	49

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

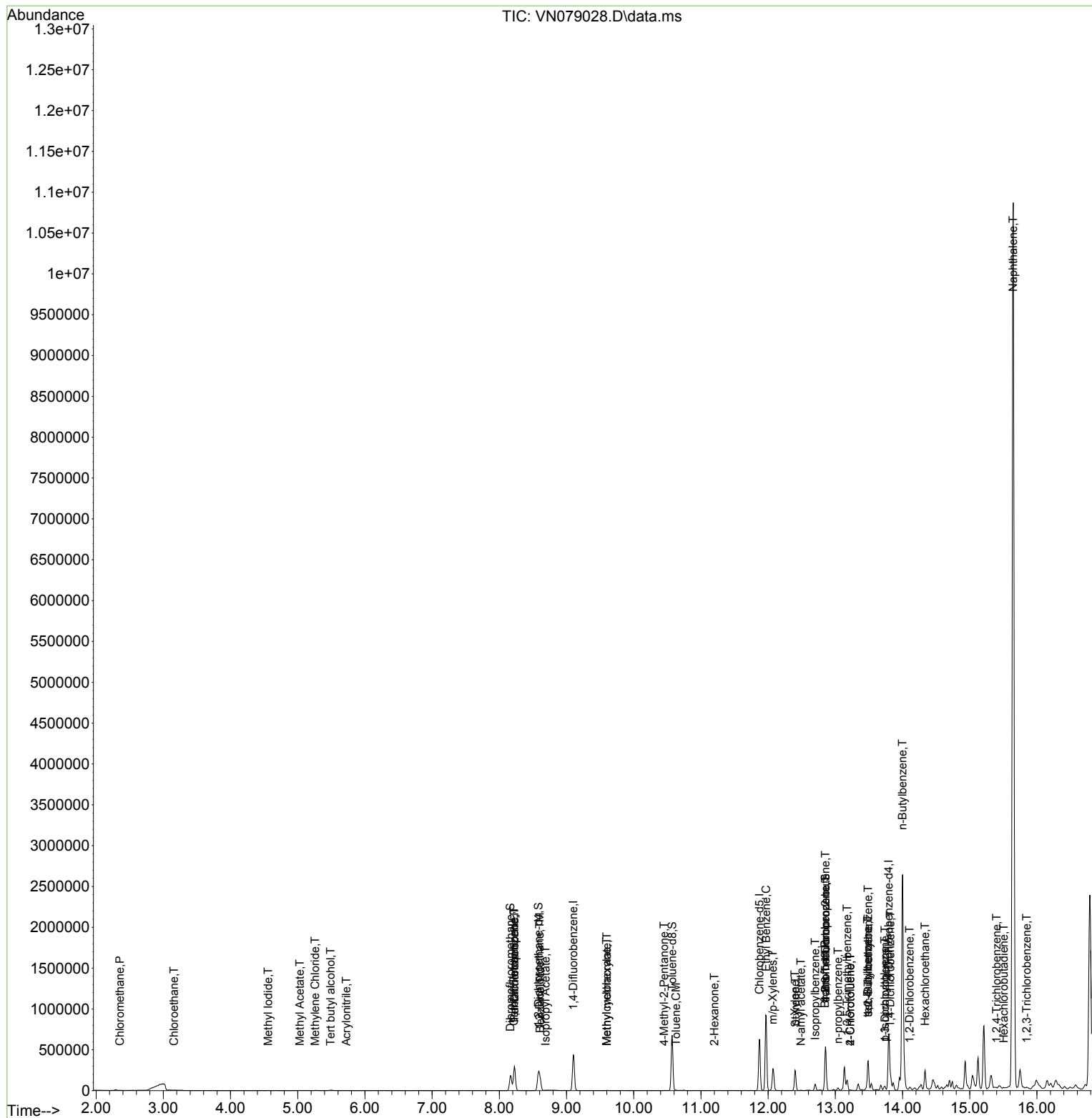
88) 1,4-Dichlorobenzene	13.818	146	1915	0.306	ug/l #	25
89) n-Butylbenzene	14.000	91	269845	29.667	ug/l #	43
90) Hexachloroethane	14.335	117	15539	7.014	ug/l #	21
91) 1,2-Dichlorobenzene	14.106	146	1771	0.285	ug/l #	71
92) 1,2-Dibromo-3-Chloropr...	14.723	75	117	Below Cal	#	32
93) 1,2,4-Trichlorobenzene	15.400	180	3639	1.653	ug/l #	76
94) Hexachlorobutadiene	15.506	225	1015	0.585	ug/l	77
95) Naphthalene	15.647	128	9630934	1097.418	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	4056	1.682	ug/l #	85

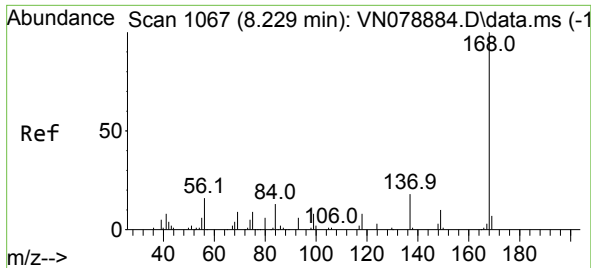
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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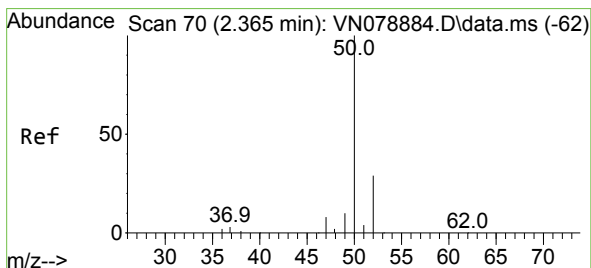
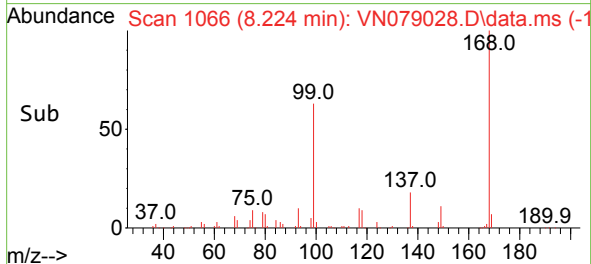
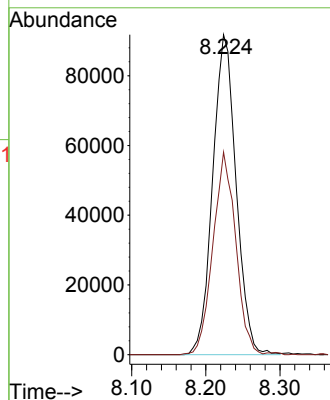
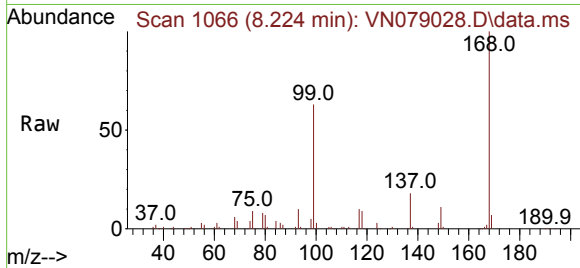




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

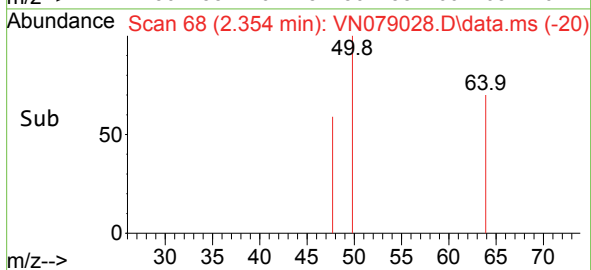
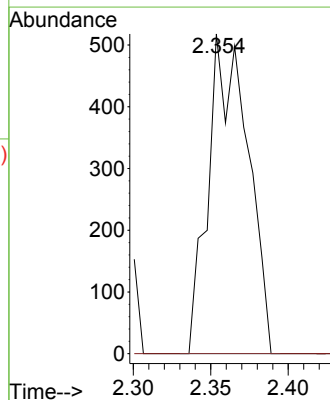
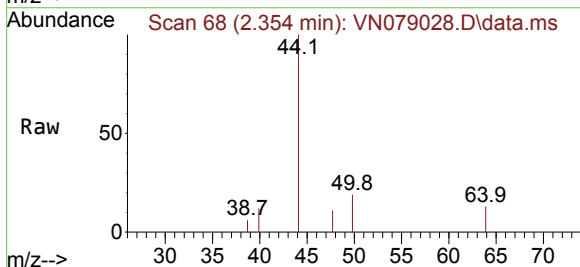
Instrument :
MSVOA_N
ClientSampleId :

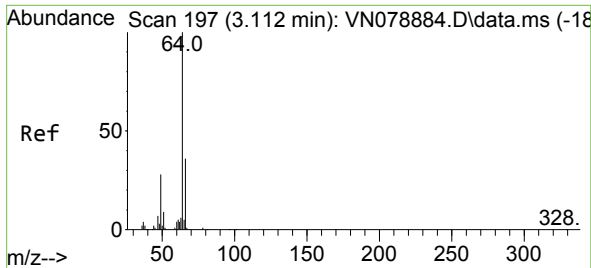
Tgt Ion:168 Resp: 201607
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.017 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 50 Resp: 915
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

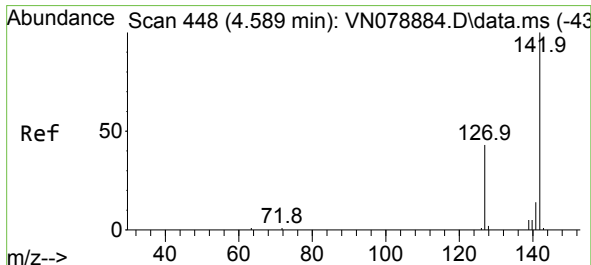
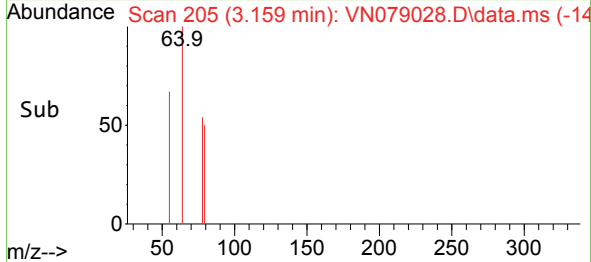
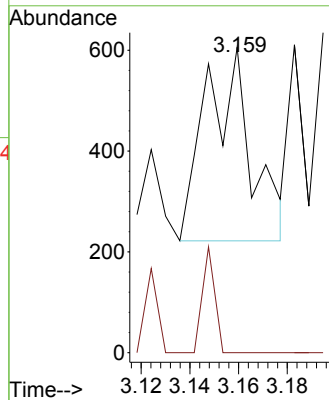
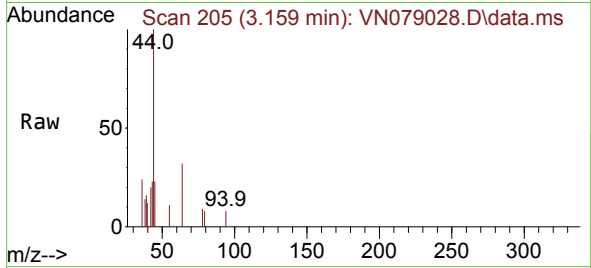




#6
Chloroethane
Concen: 0.208 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.041 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

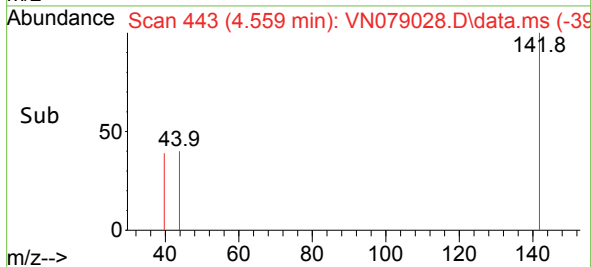
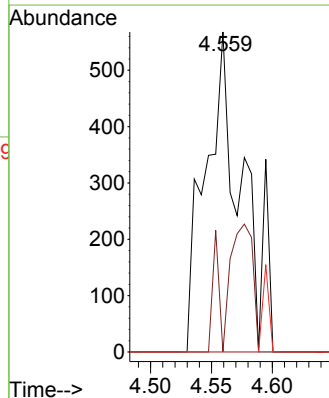
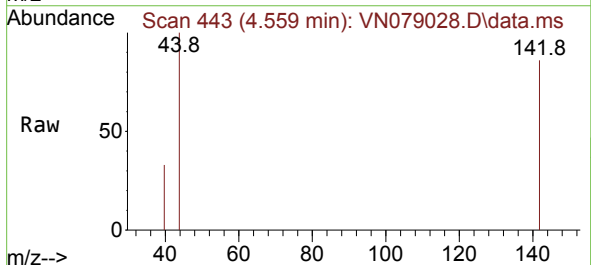
Instrument :
MSVOA_N
ClientSampleId :

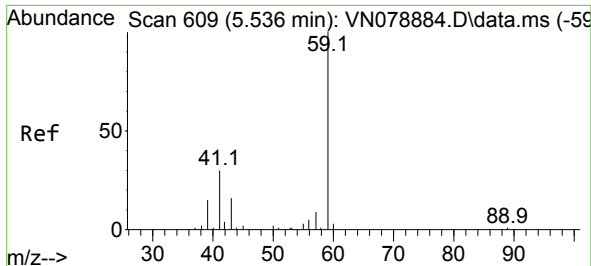
Tgt Ion: 64 Resp: 498
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#10
Methyl Iodide
Concen: 0.480 ug/l
RT: 4.559 min Scan# 443
Delta R.T. -0.041 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 142 Resp: 1194
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#

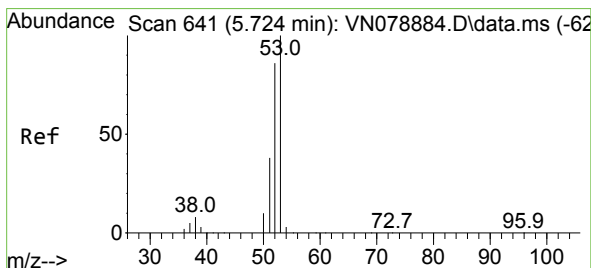
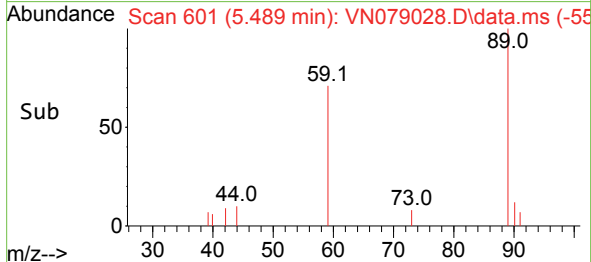
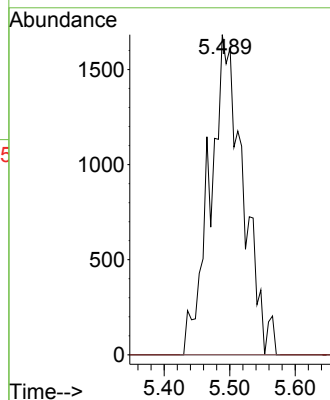
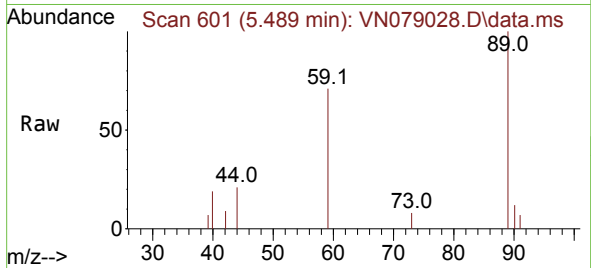




#11
Tert butyl alcohol
Concen: 11.263 ug/l
RT: 5.489 min Scan# 609
Delta R.T. -0.053 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

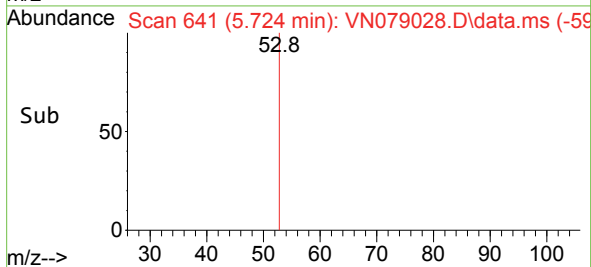
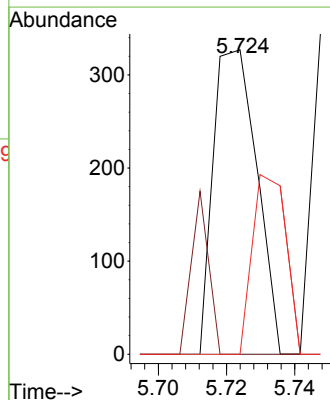
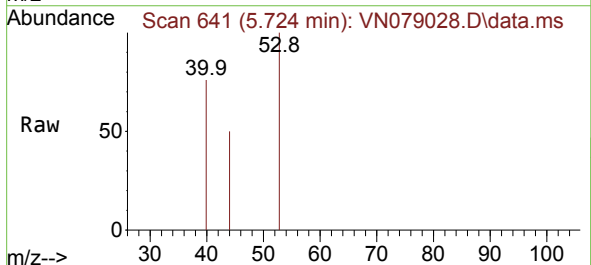
Instrument :
MSVOA_N
ClientSampleId :

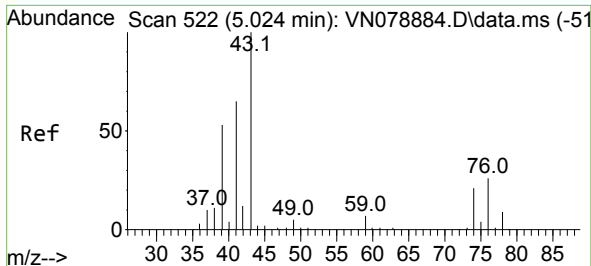
Tgt Ion: 59 Resp: 5929
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#15
Acrylonitrile
Concen: 0.204 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 53 Resp: 291
Ion Ratio Lower Upper
53 100
52 21.3 65.3 97.9#
51 45.4 28.9 43.3#

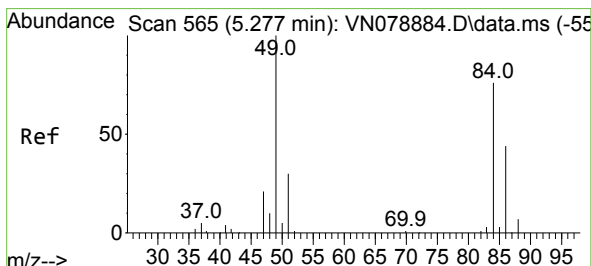
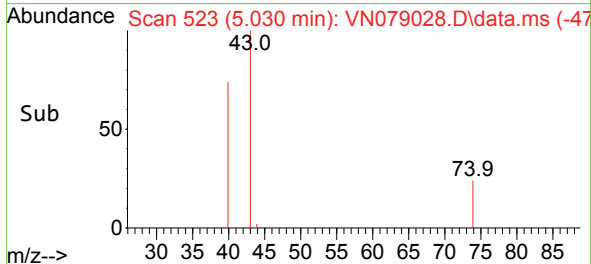
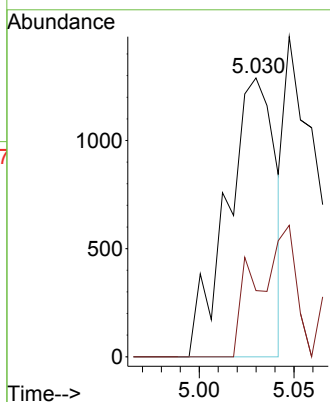
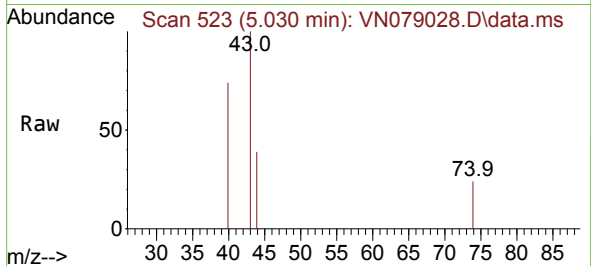




#18
Methyl Acetate
Concen: 0.418 ug/l
RT: 5.030 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

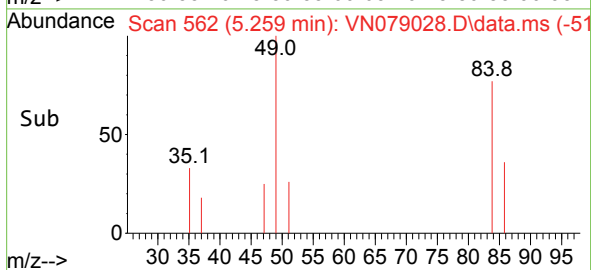
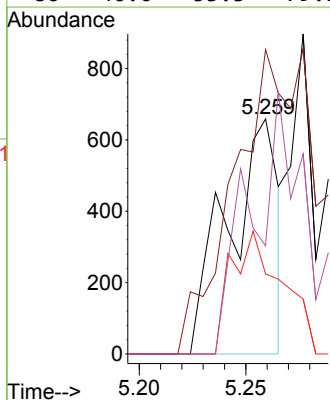
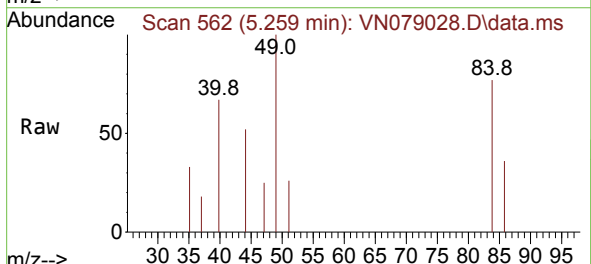
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ClientSampleId :

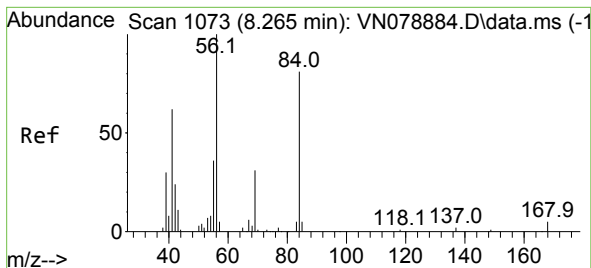
Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#20
Methylene Chloride
Concen: 0.387 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.024 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 84 Resp: 1068
Ion Ratio Lower Upper
84 100
49 129.4 79.7 119.5#
51 34.0 25.2 37.8
86 46.0 53.3 79.9#





#31

Cyclohexane

Concen: Below Cal

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

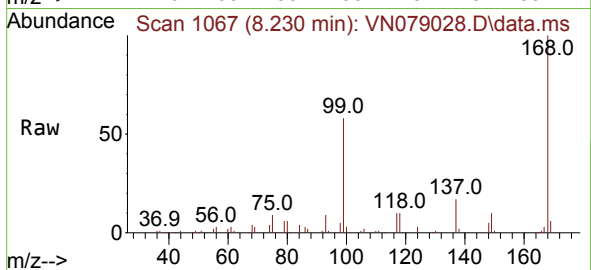
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Acq: 24 Aug 2023 13:53

Instrument :

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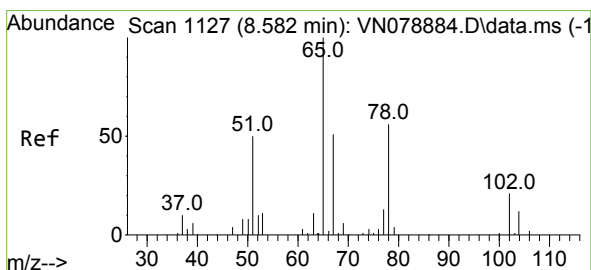
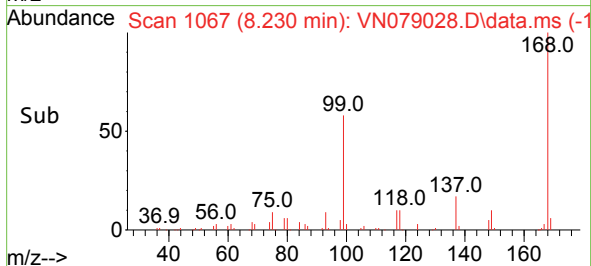
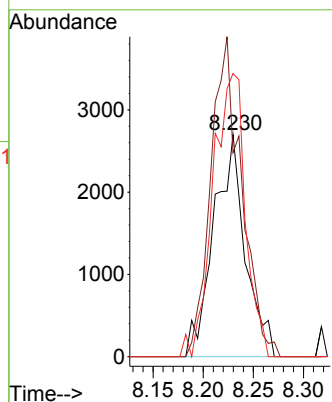
Tgt Ion: 56 Resp: 5901

Ion Ratio Lower Upper

56 100

69 91.9 26.8 40.2#

84 127.5 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 49.110 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

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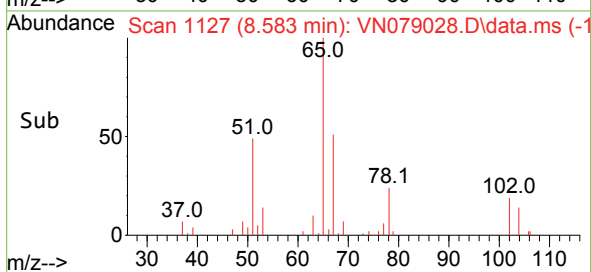
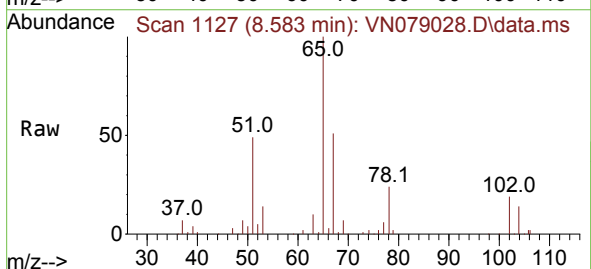
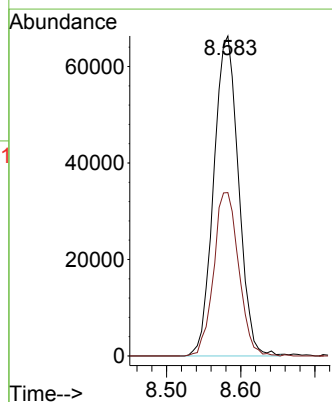
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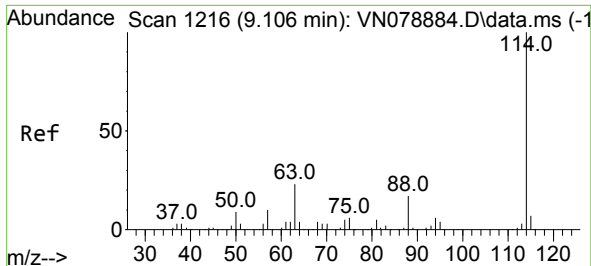
Tgt Ion: 65 Resp: 154066

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

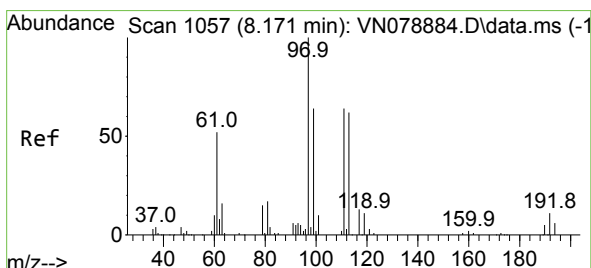
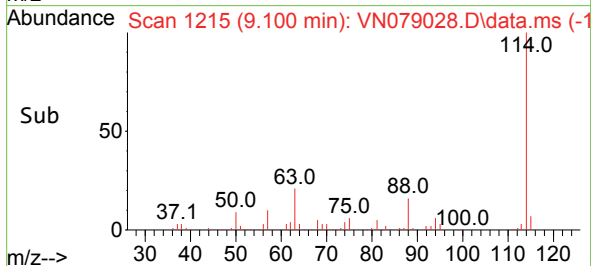
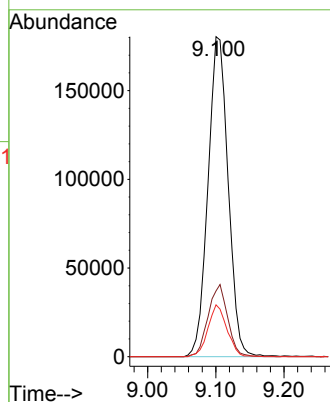
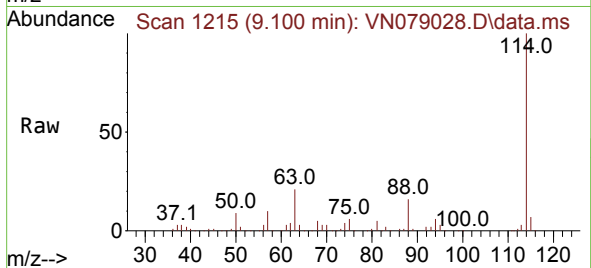
Tgt Ion:114 Resp: 371203

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.772 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

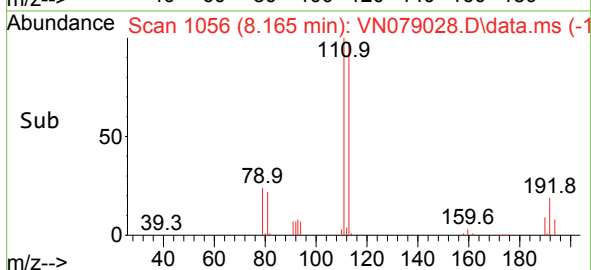
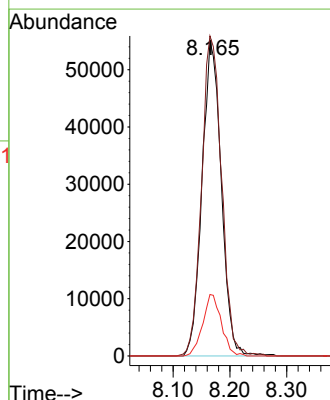
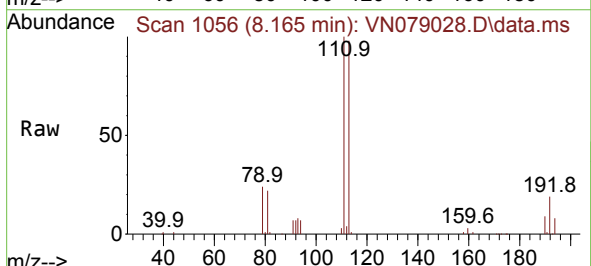
Tgt Ion:113 Resp: 129366

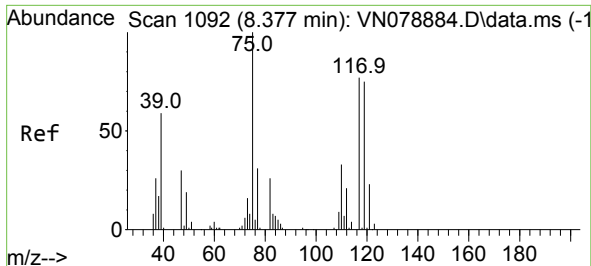
Ion Ratio Lower Upper

113 100

111 105.2 82.6 123.8

192 18.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.982 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

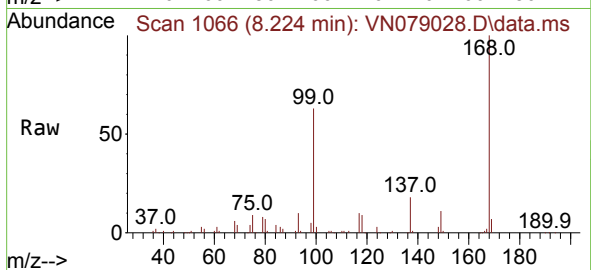
Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

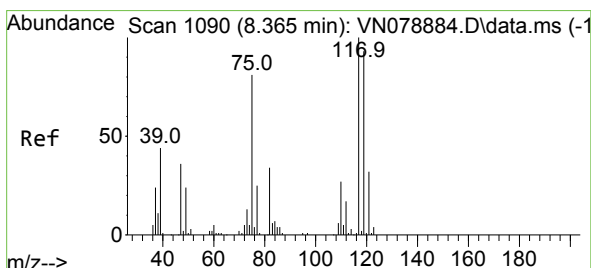
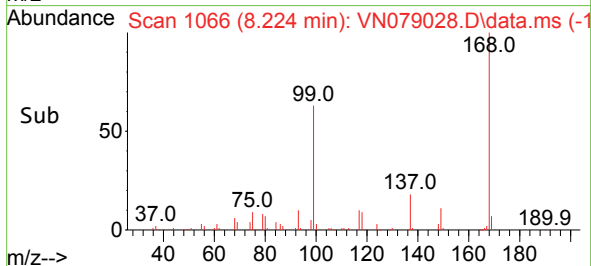
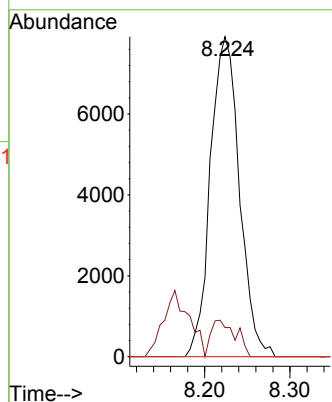
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	18726
Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.1	57.3#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.755 ug/l

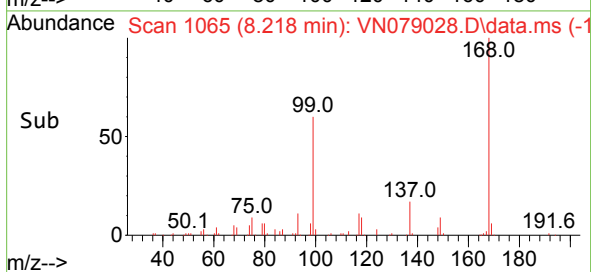
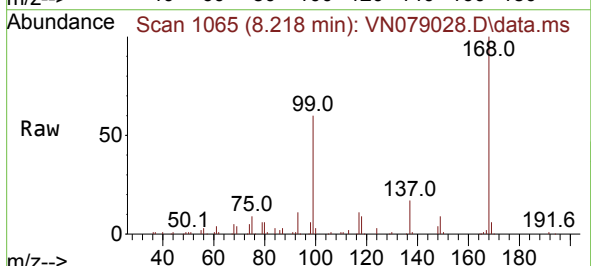
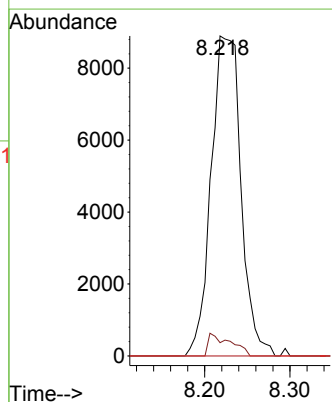
RT: 8.218 min Scan# 1065

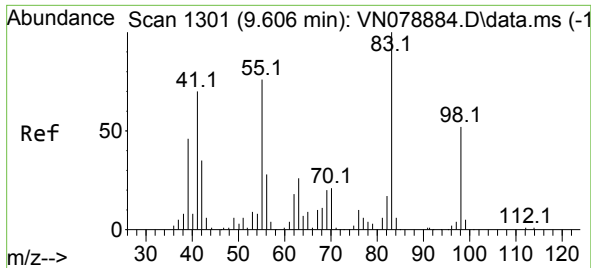
Delta R.T. -0.153 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Tgt Ion:	117	Resp:	21675
Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.3	115.9#
121	0.0	23.3	34.9#

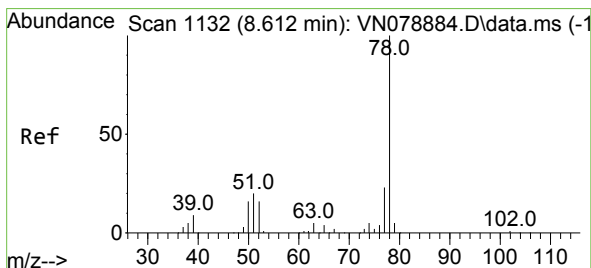
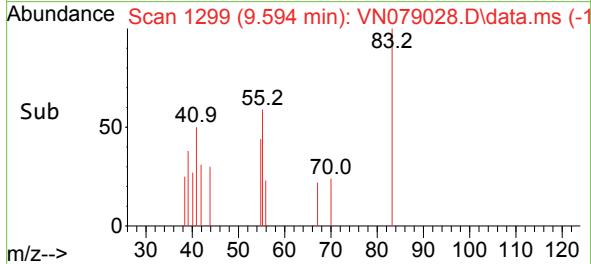
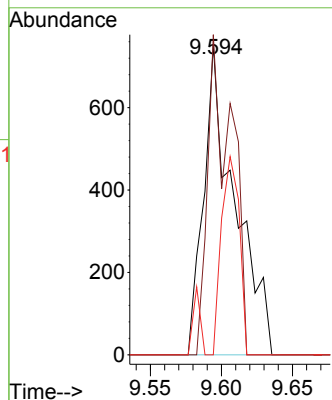
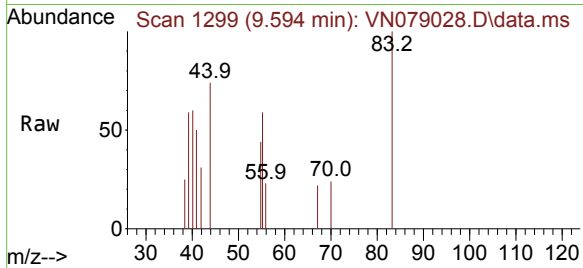




#39
Methylcyclohexane
Concen: 0.330 ug/l
RT: 9.594 min Scan# 1129
Delta R.T. -0.012 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

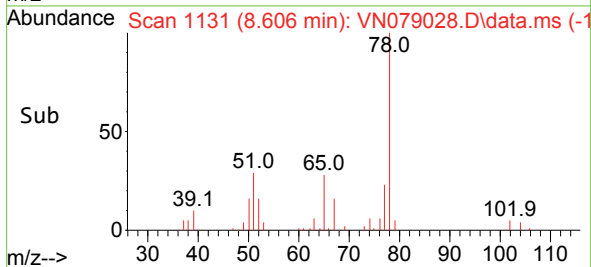
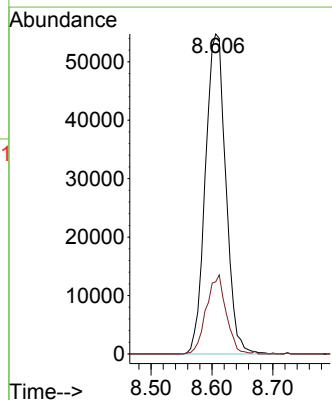
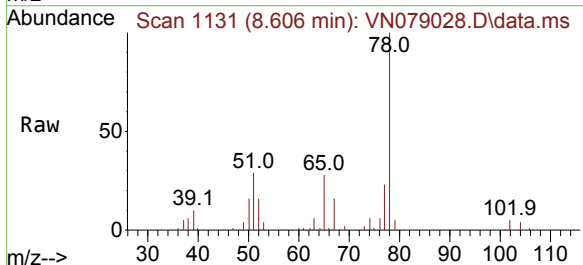
Instrument :
MSVOA_N
ClientSampleId :

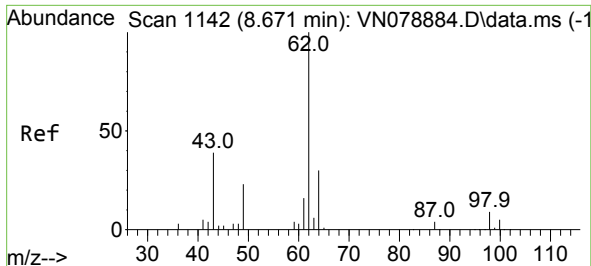
Tgt Ion: 83 Resp: 1142
Ion Ratio Lower Upper
83 100
55 103.3 49.1 73.7#
98 0.0 40.6 61.0#



#40
Benzene
Concen: 11.483 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 78 Resp: 127573
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.336 ug/l

RT: 8.600 min Scan# 1142

Delta R.T. -0.077 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_N

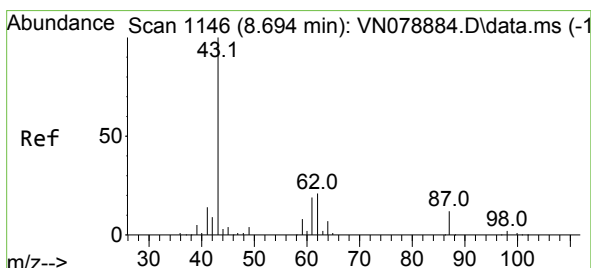
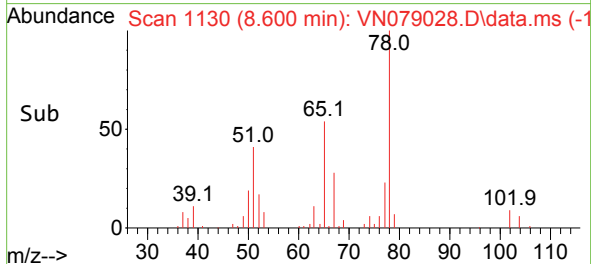
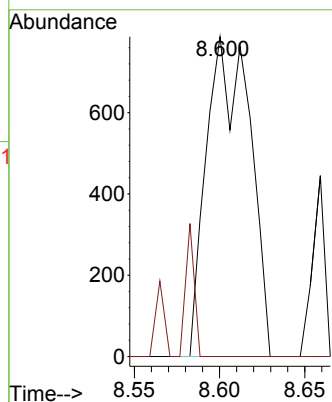
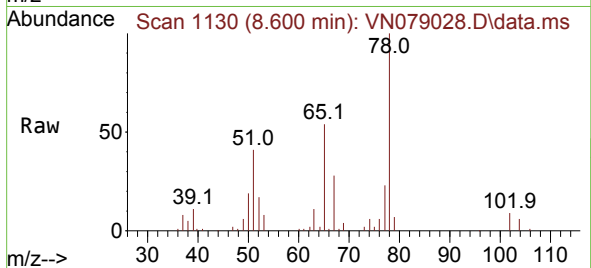
ClientSampleId :

Tgt Ion: 62 Resp: 1396

Ion Ratio Lower Upper

62 100

98 8.2 0.0 19.8



#43

Isopropyl Acetate

Concen: 0.293 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

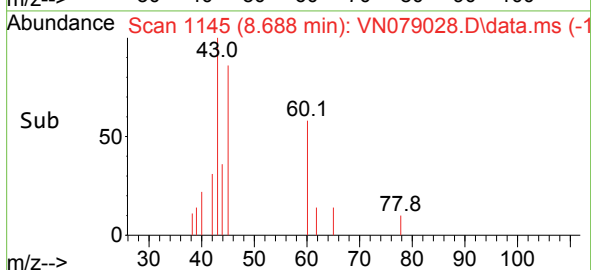
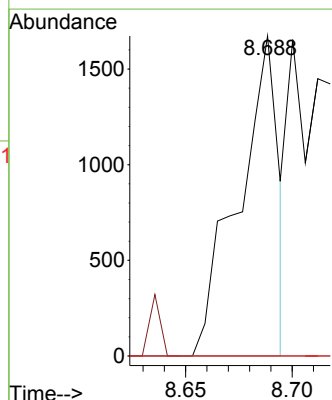
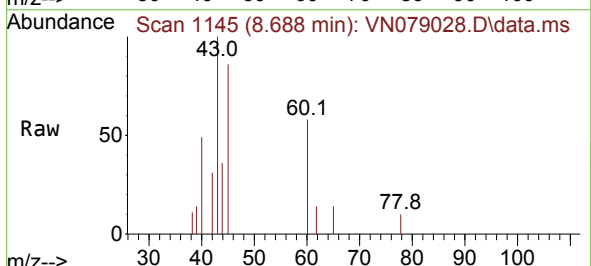
Tgt Ion: 43 Resp: 2181

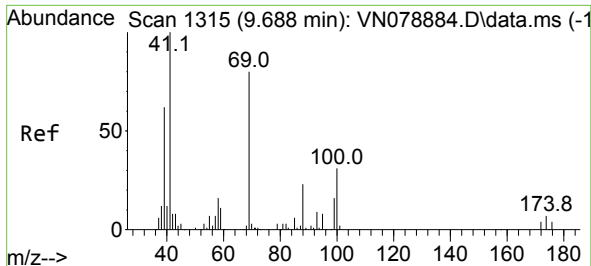
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#





#48

Methyl methacrylate

Concen: 0.229 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.088 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

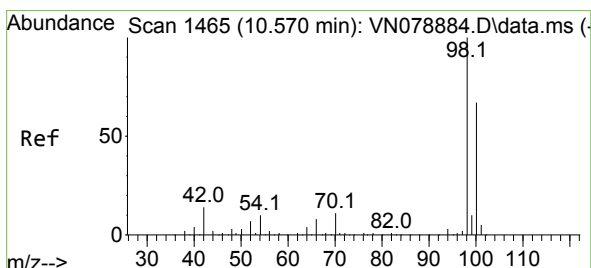
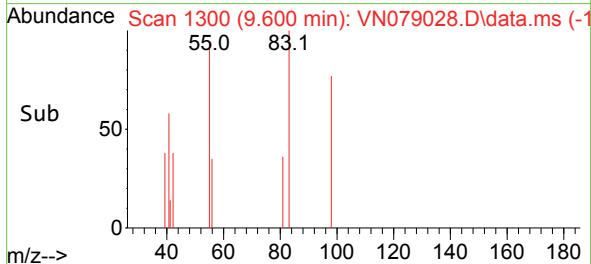
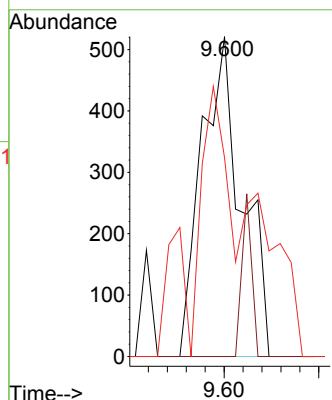
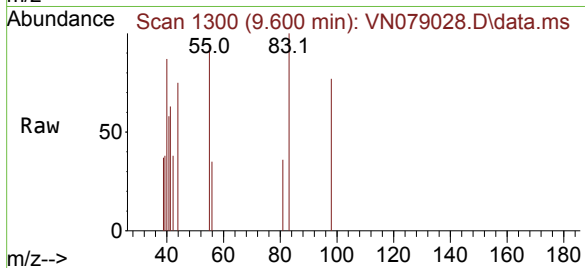
Tgt Ion: 41 Resp: 772

Ion Ratio Lower Upper

41 100

69 12.0 90.4 135.6#

39 74.2 54.6 81.8



#50

Toluene-d8

Concen: 48.532 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079028.D

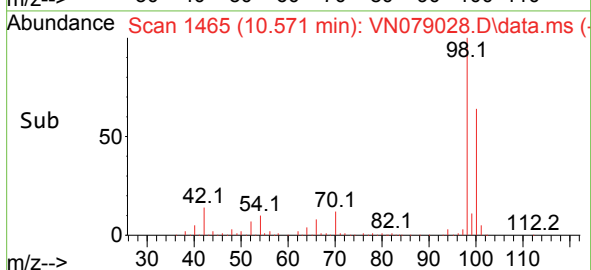
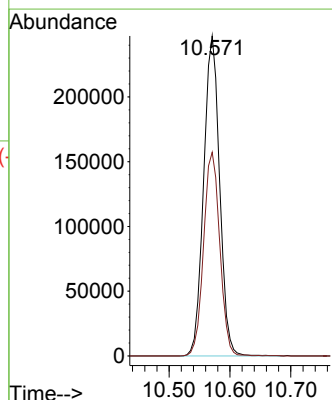
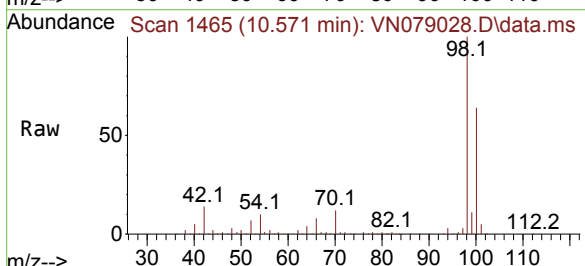
Acq: 24 Aug 2023 13:53

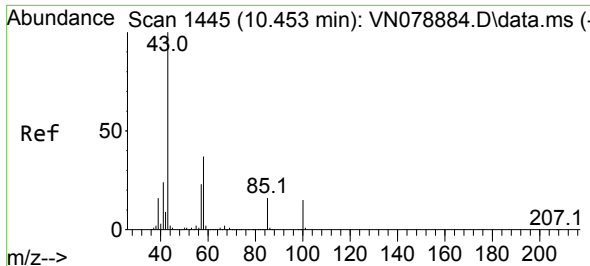
Tgt Ion: 98 Resp: 450287

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

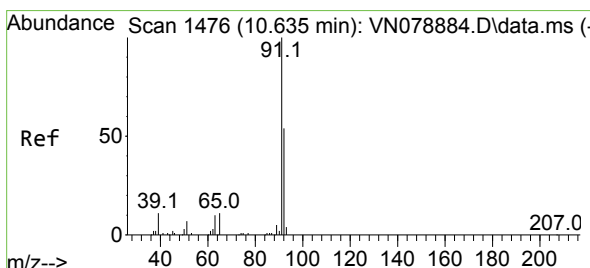
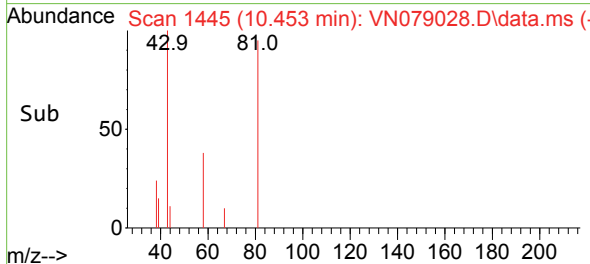
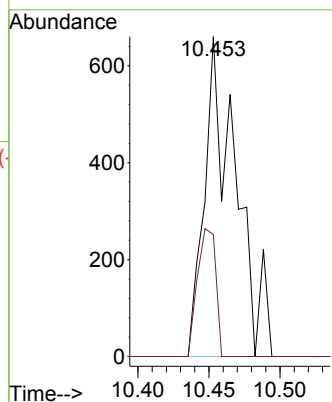
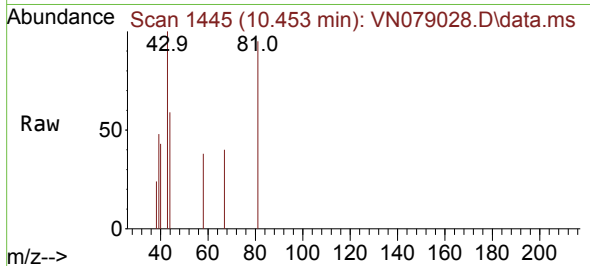




#51
4-Methyl-2-Pentanone
Concen: 0.229 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

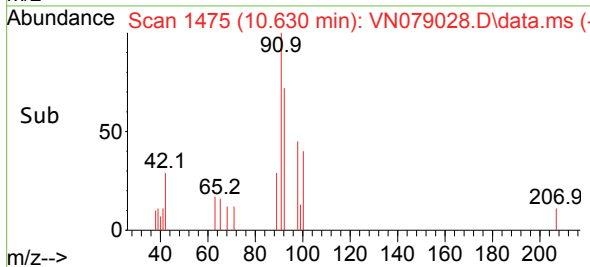
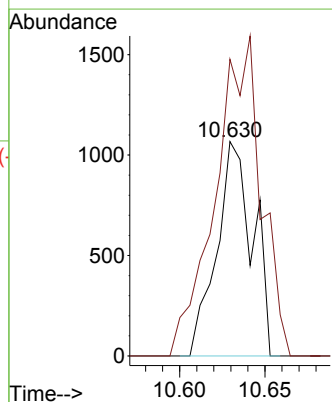
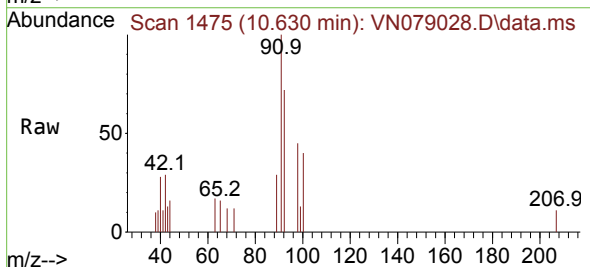
Instrument :
MSVOA_N
ClientSampleId :

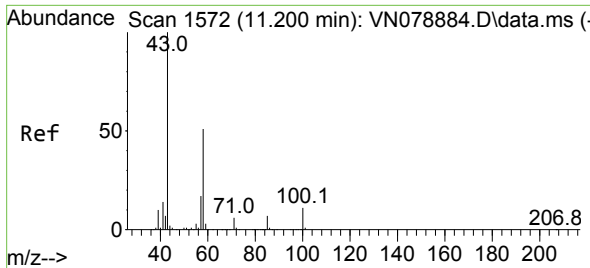
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 23.4 36.6 54.8#



#52
Toluene
Concen: 0.231 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 92 Resp: 1573
Ion Ratio Lower Upper
92 100
91 188.4 137.4 206.0

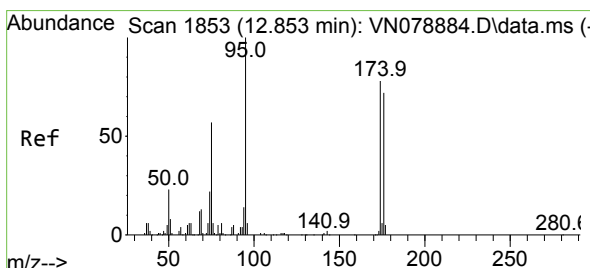
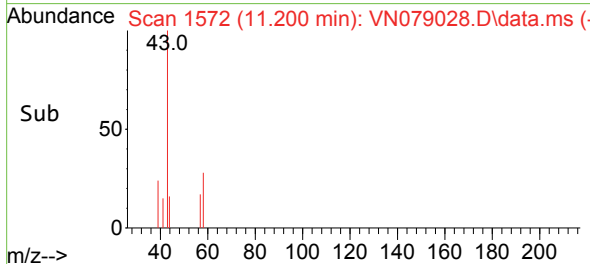
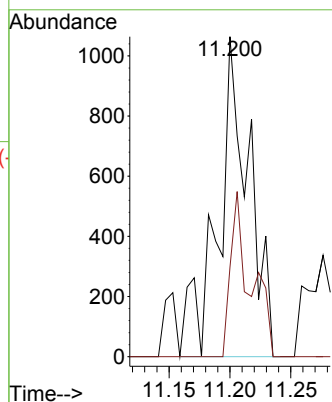
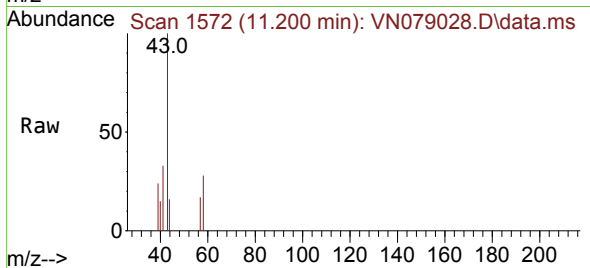




#59
2-Hexanone
Concen: 0.596 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

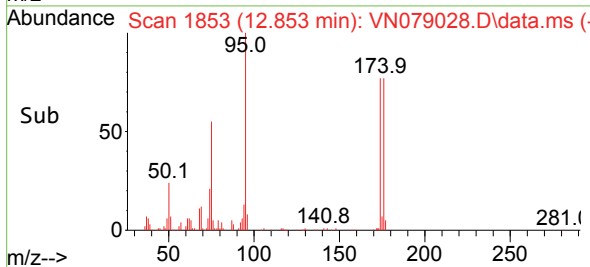
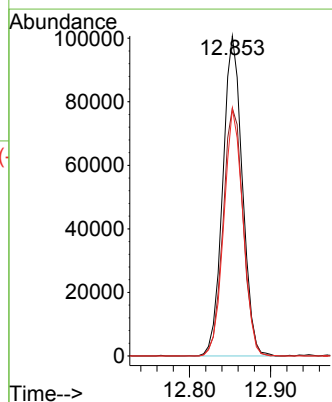
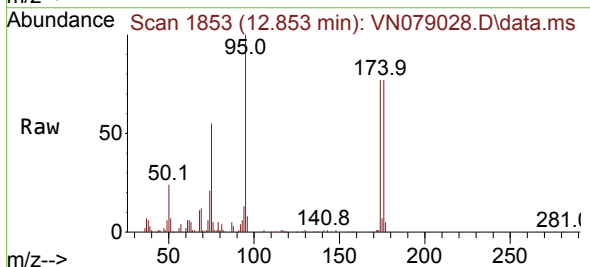
Instrument :
MSVOA_N
ClientSampleId :

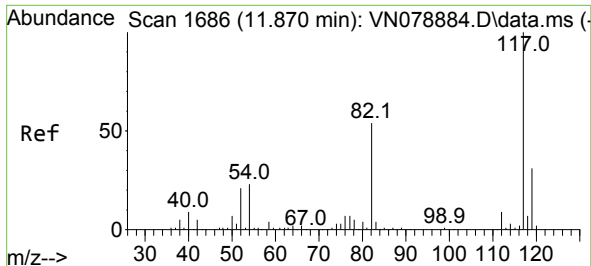
Tgt Ion: 43 Resp: 1903
Ion Ratio Lower Upper
43 100
58 32.8 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 55.651 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 95 Resp: 168767
Ion Ratio Lower Upper
95 100
174 79.3 0.0 143.8
176 75.6 0.0 135.8

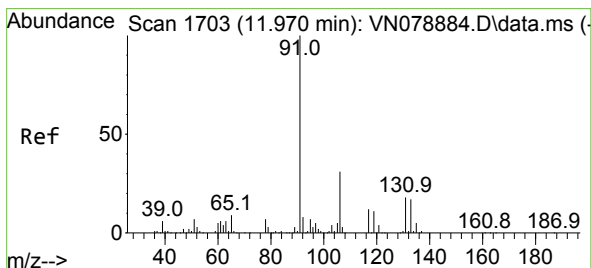
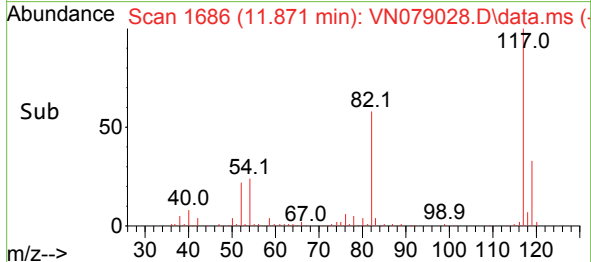
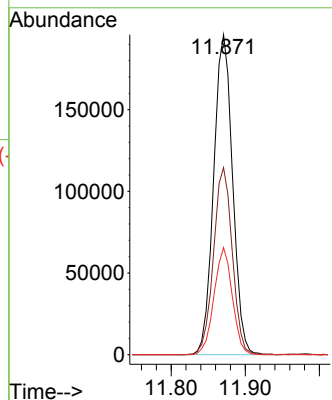
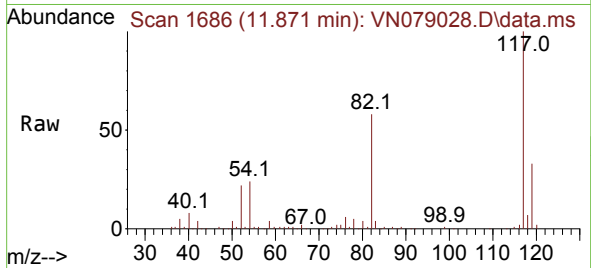




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

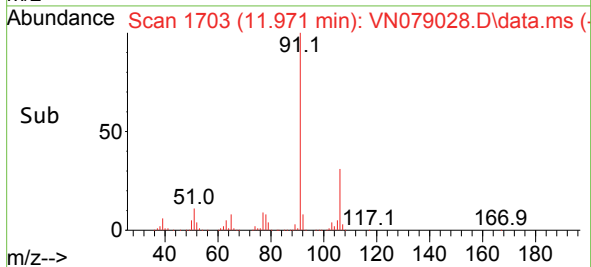
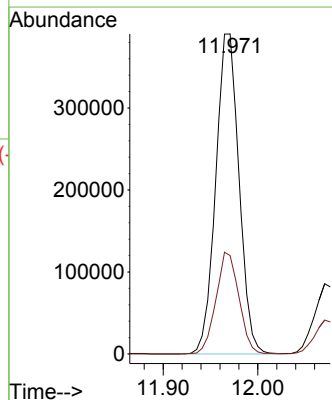
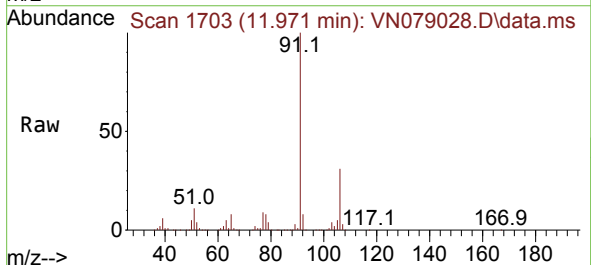
Instrument :
MSVOA_N
ClientSampleId :

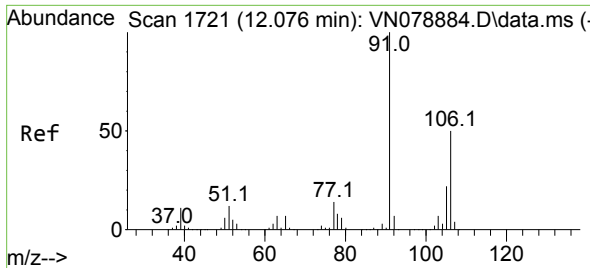
Tgt Ion:117 Resp: 347094
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 33.4 25.6 38.4



#67
Ethyl Benzene
Concen: 49.735 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 91 Resp: 668242
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

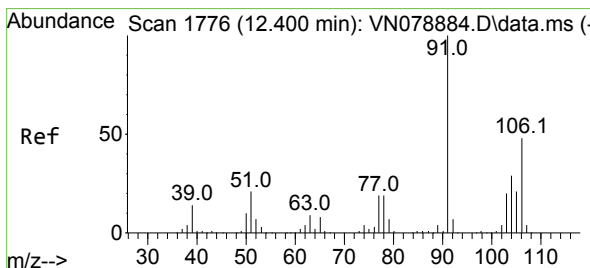
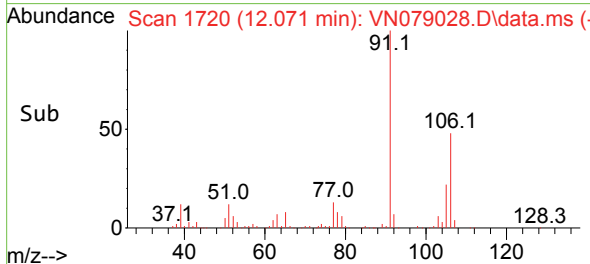
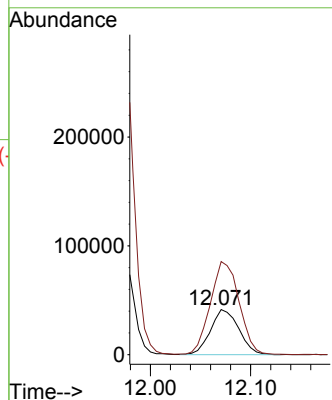
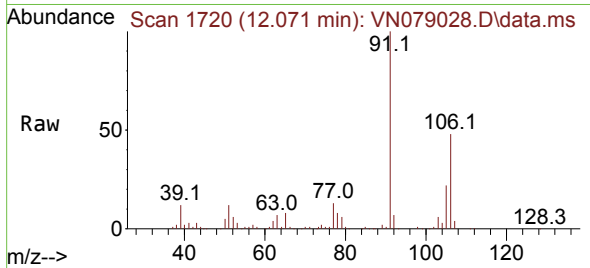




#68
m/p-Xylenes
Concen: 16.180 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.005 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

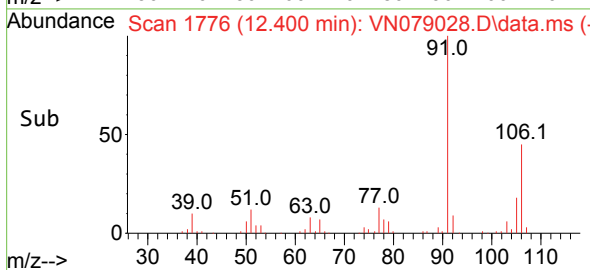
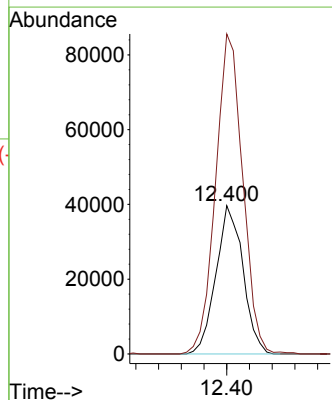
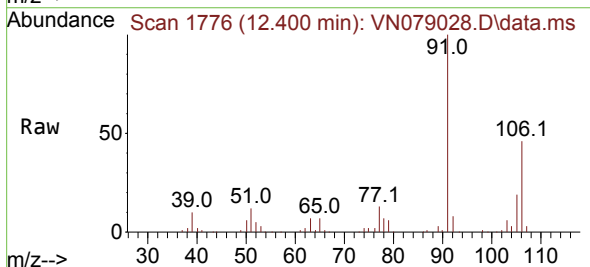
Instrument :
MSVOA_N
ClientSampleId :

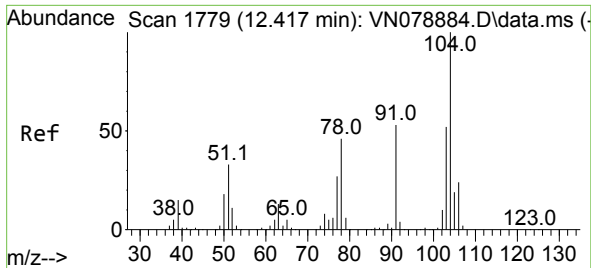
Tgt Ion:106 Resp: 81281
Ion Ratio Lower Upper
106 100
91 209.6 159.6 239.4



#69
o-Xylene
Concen: 13.412 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion:106 Resp: 65541
Ion Ratio Lower Upper
106 100
91 217.0 105.2 315.5

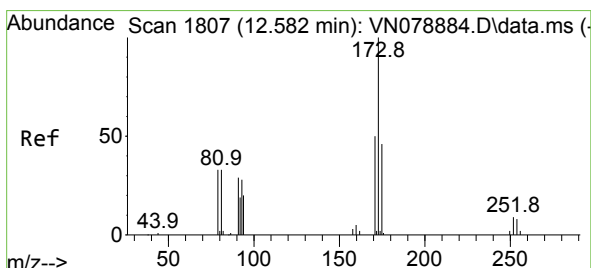
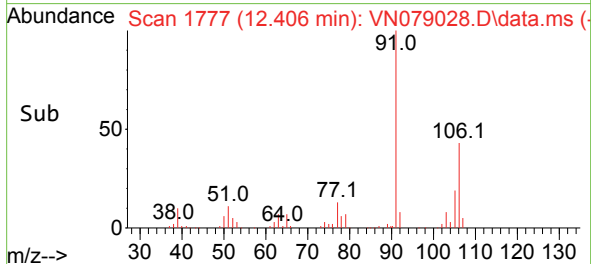
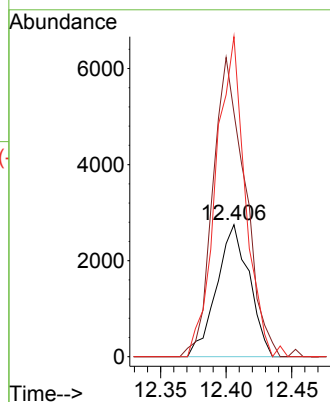
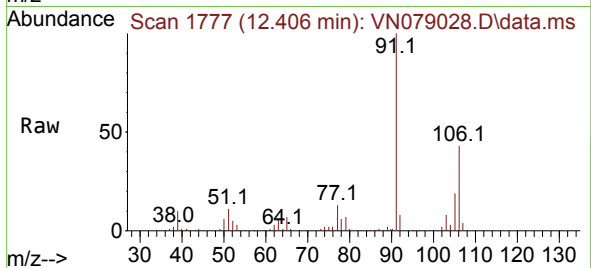




#70
Styrene
Concen: 0.582 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

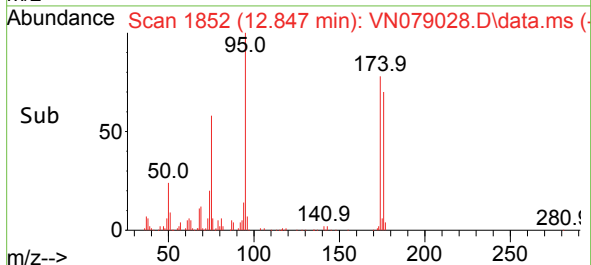
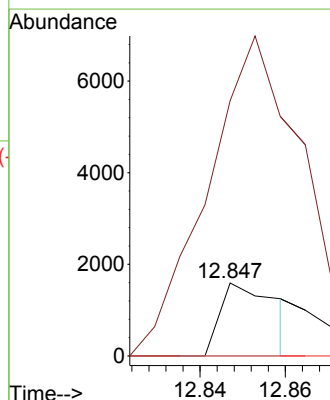
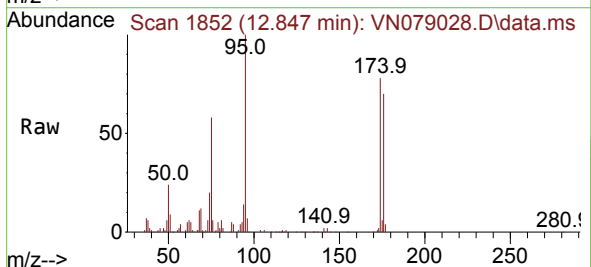
Instrument :
MSVOA_N
ClientSampleId :

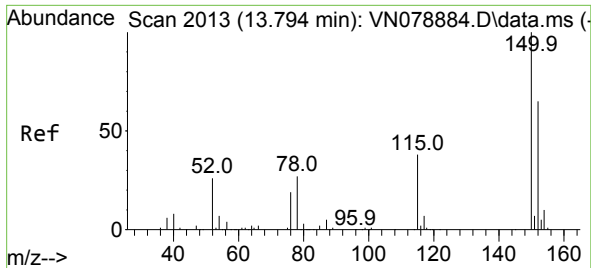
Tgt Ion:104 Resp: 4742
Ion Ratio Lower Upper
104 100
78 223.9 39.5 59.3#
103 219.3 43.2 64.8#



#71
Bromoform
Concen: 0.722 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion:173 Resp: 1465
Ion Ratio Lower Upper
173 100
175 575.9 24.3 73.0#
254 0.0 0.0 0.0

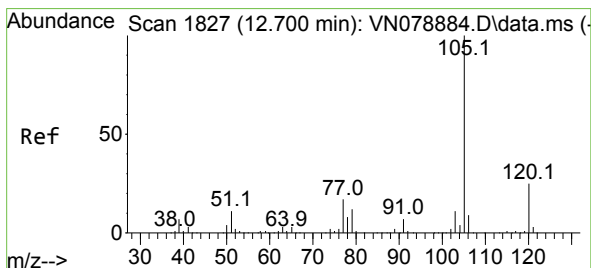
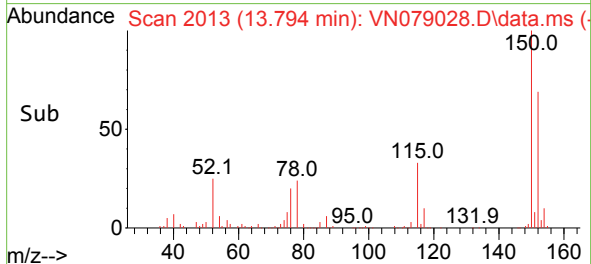
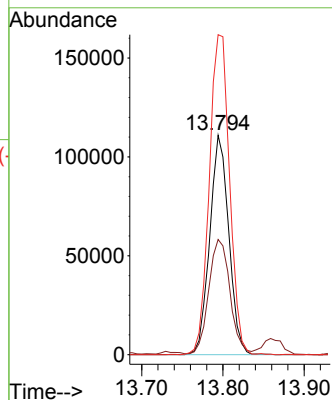
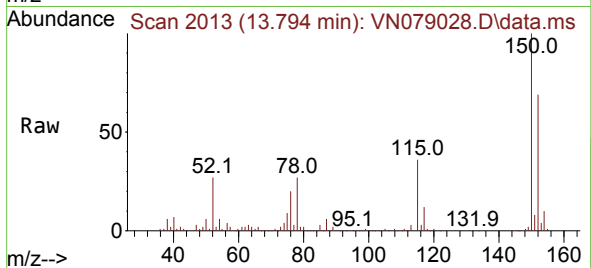




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

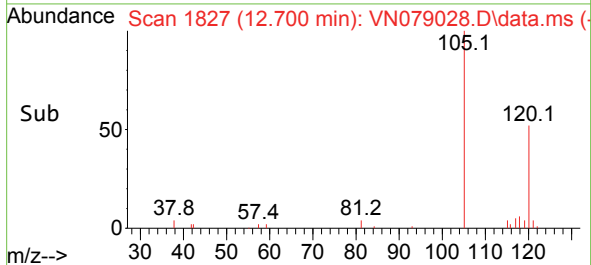
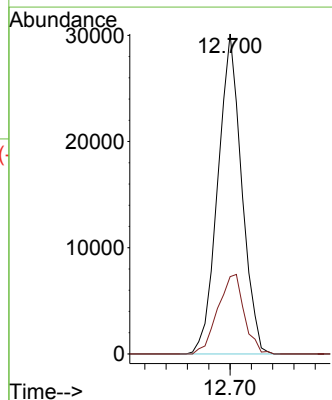
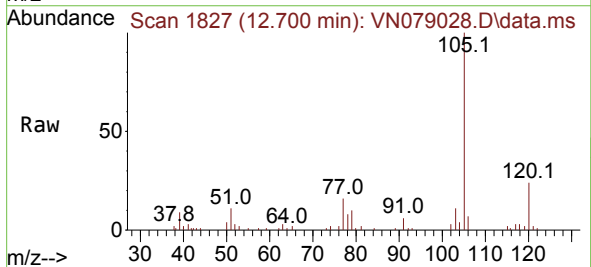
Instrument :
MSVOA_N
ClientSampleId :

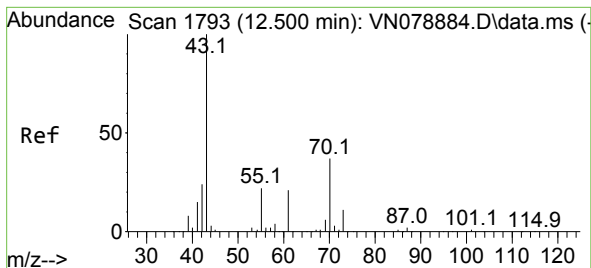
Tgt Ion:152 Resp: 181059
Ion Ratio Lower Upper
152 100
115 57.3 32.3 96.8
150 154.9 0.0 355.8



#73
Isopropylbenzene
Concen: 3.099 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion:105 Resp: 46784
Ion Ratio Lower Upper
105 100
120 27.5 13.1 39.1





#74

N-amy1 acetate

Concen: 0.277 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.012 min

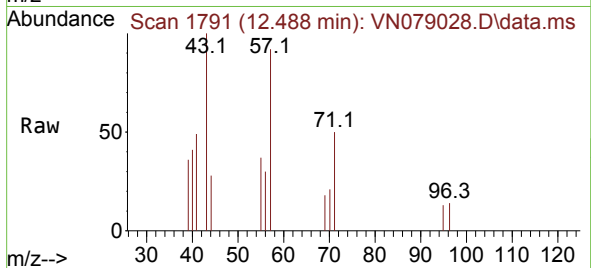
Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 2111

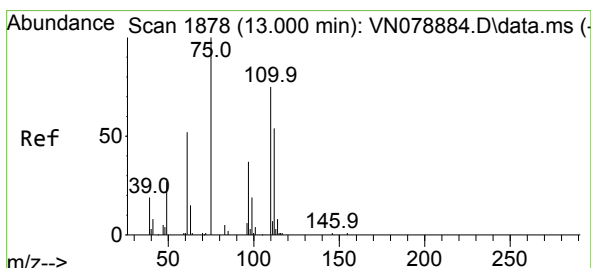
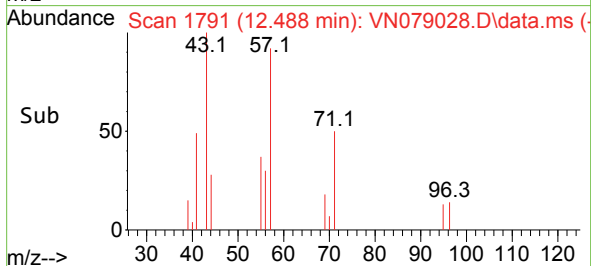
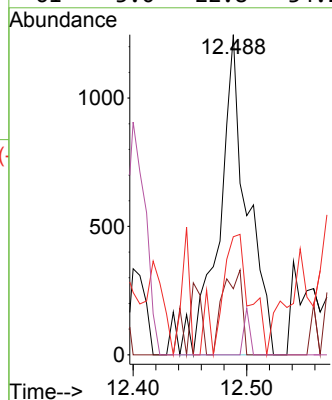
Ion Ratio Lower Upper

43 100

70 18.2 43.4 65.2#

55 38.9 21.4 32.0#

61 3.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 21.059 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079028.D

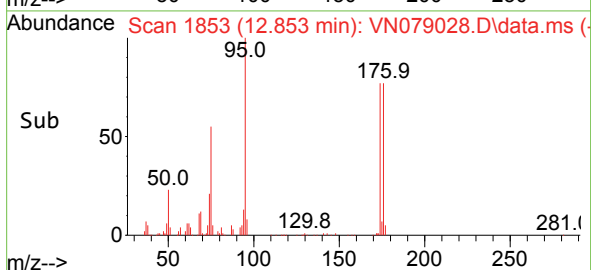
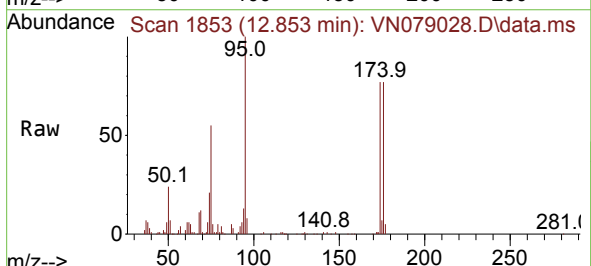
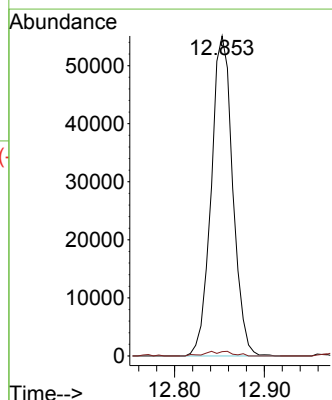
Acq: 24 Aug 2023 13:53

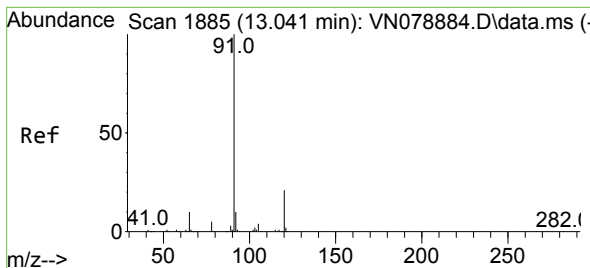
Tgt Ion: 75 Resp: 91875

Ion Ratio Lower Upper

75 100

77 0.9 84.5 253.5#





#78

n-propylbenzene

Concen: 1.282 ug/l

RT: 13.041 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_N

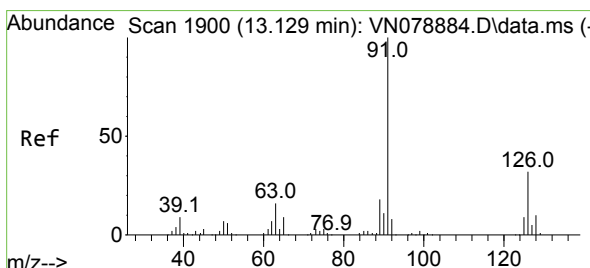
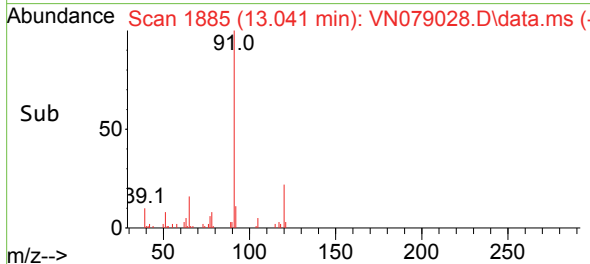
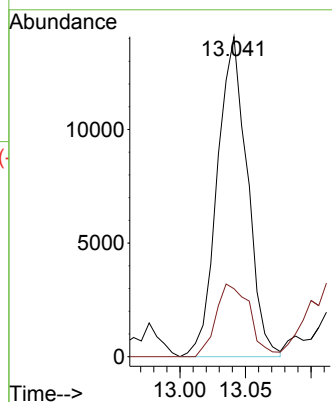
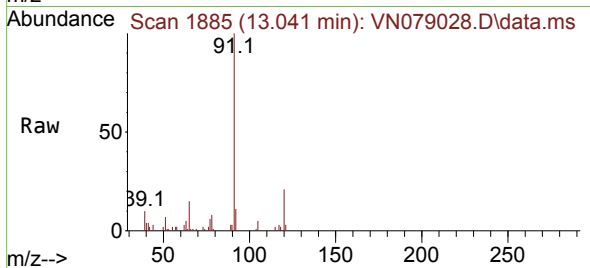
ClientSampleId :

Tgt Ion: 91 Resp: 22450

Ion Ratio Lower Upper

91 100

120 25.7 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.200 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.094 min

Lab File: VN079028.D

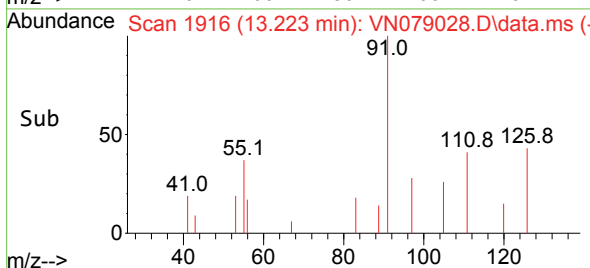
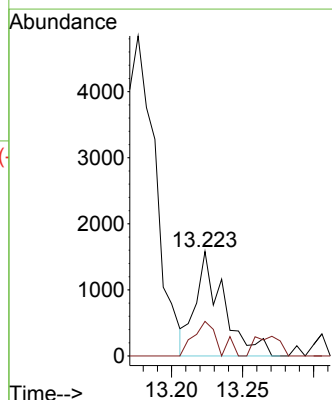
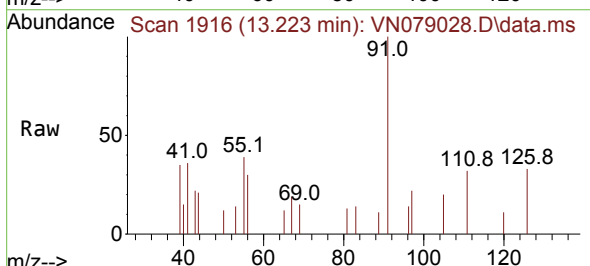
Acq: 24 Aug 2023 13:53

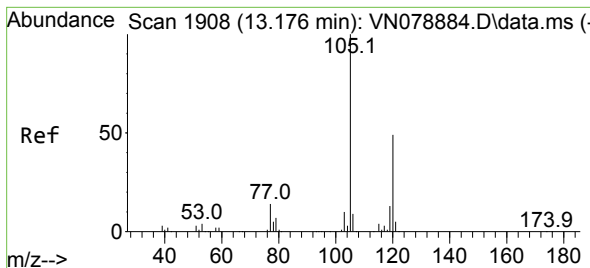
Tgt Ion: 91 Resp: 2177

Ion Ratio Lower Upper

91 100

126 29.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 4.618 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_N

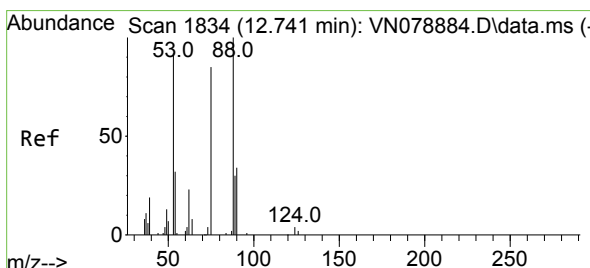
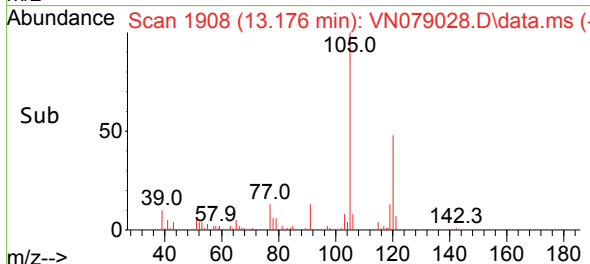
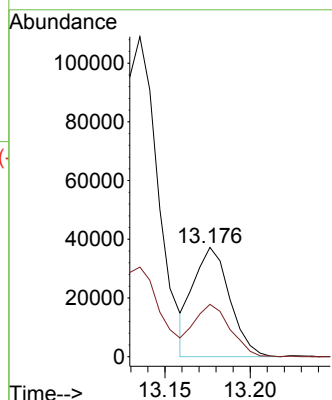
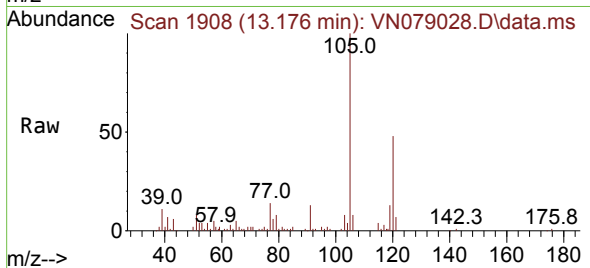
ClientSampleId :

Tgt Ion:105 Resp: 55252

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 53.798 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

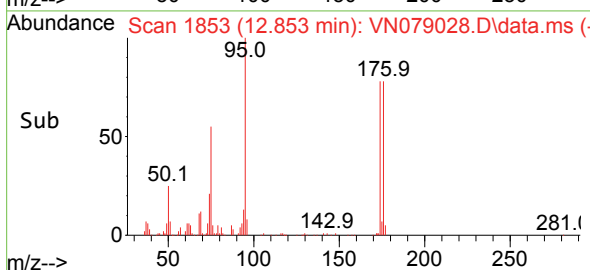
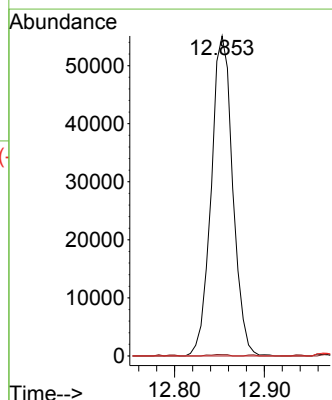
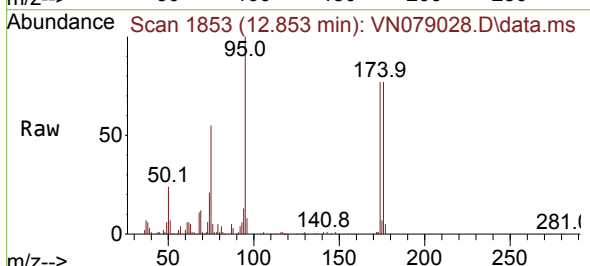
Tgt Ion: 75 Resp: 91875

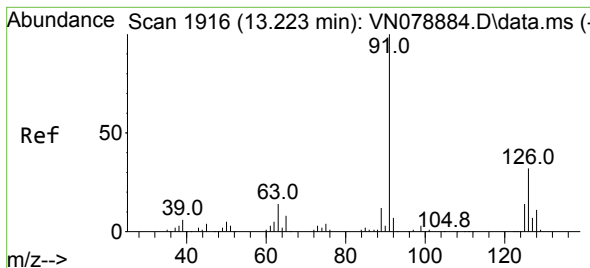
Ion Ratio Lower Upper

75 100

53 0.4 67.4 101.2#

89 0.0 38.8 58.2#

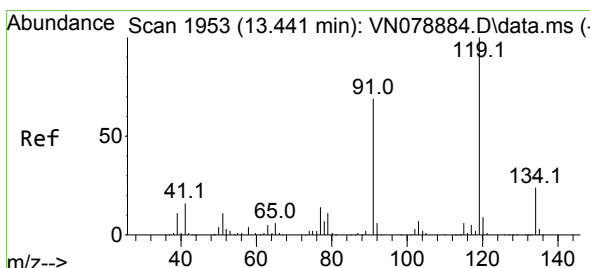
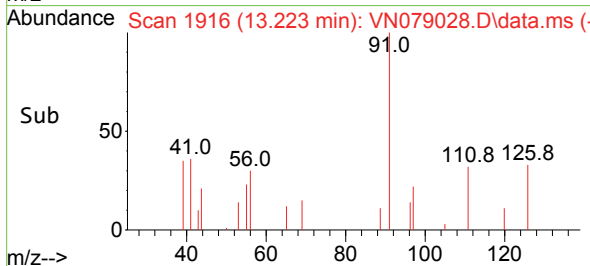
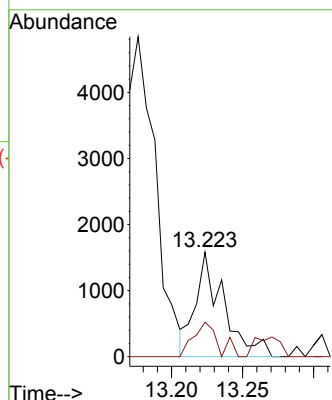
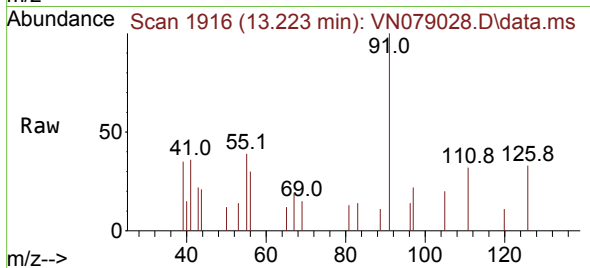




#82
4-Chlorotoluene
Concen: 0.205 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

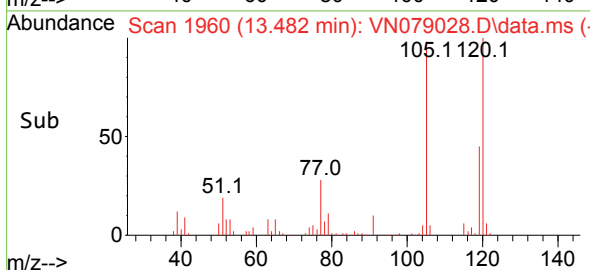
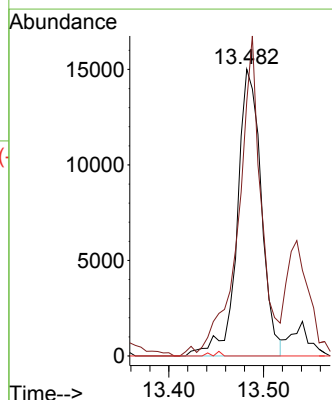
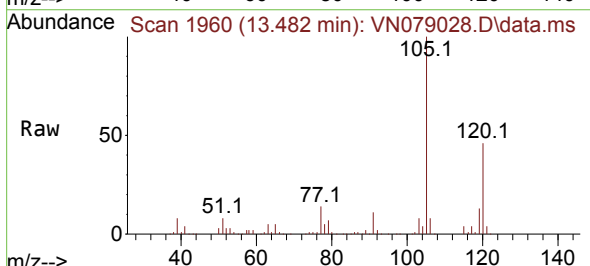
Instrument :
MSVOA_N
ClientSampleId :

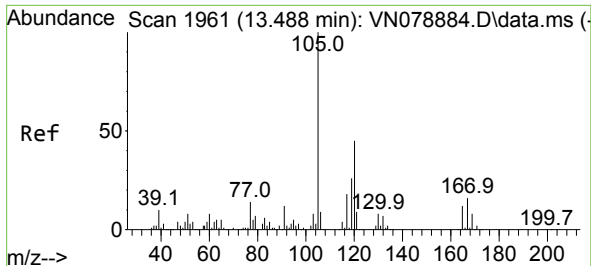
Tgt Ion: 91 Resp: 2177
Ion Ratio Lower Upper
91 100
126 29.1 16.7 50.0



#83
tert-Butylbenzene
Concen: 2.632 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 119 Resp: 26460
Ion Ratio Lower Upper
119 100
91 106.4 33.9 101.7#
134 0.0 13.2 39.6#

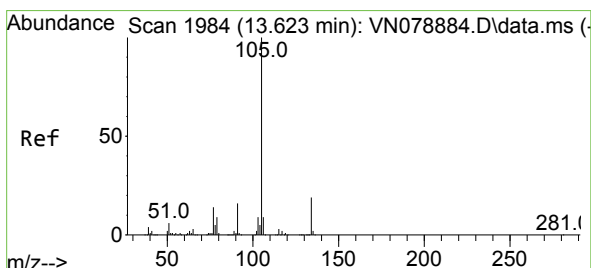
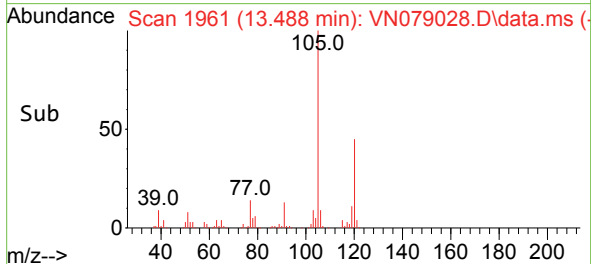
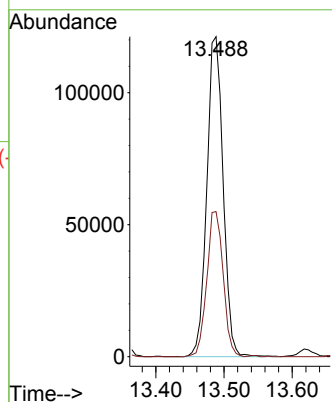
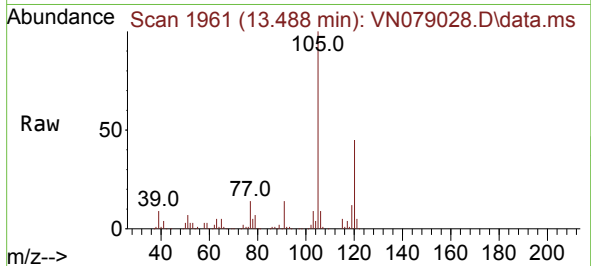




#84
1,2,4-Trimethylbenzene
Concen: 17.013 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

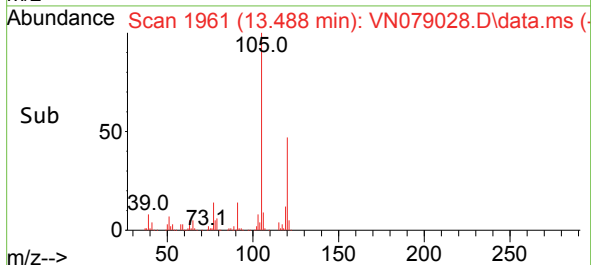
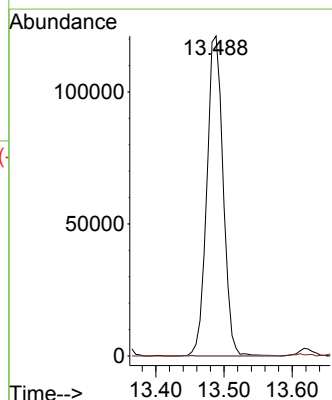
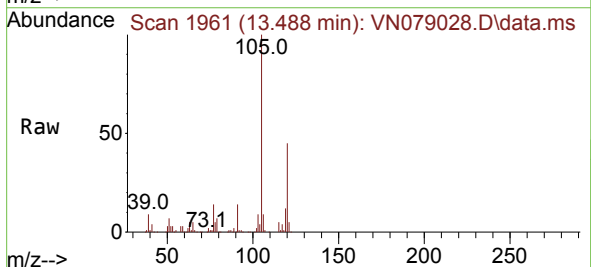
Instrument :
MSVOA_N
ClientSampleId :

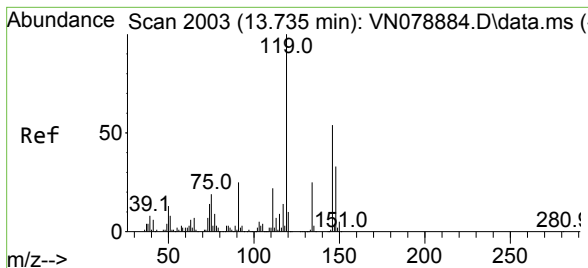
Tgt Ion:105 Resp: 201547
Ion Ratio Lower Upper
105 100
120 45.5 22.0 66.0



#85
sec-Butylbenzene
Concen: 14.569 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.135 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion:105 Resp: 201547
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

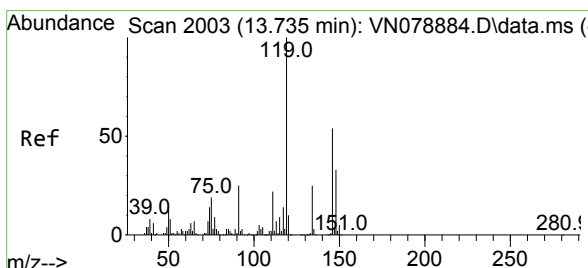
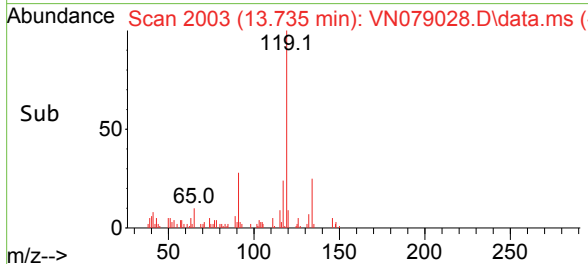
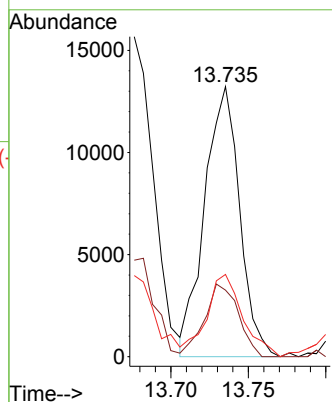
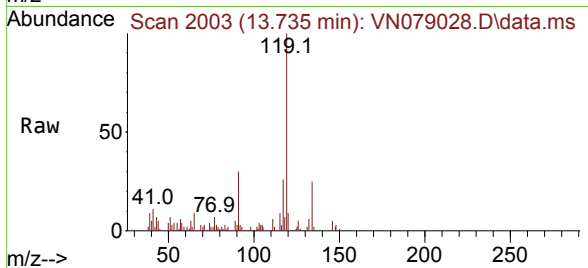




#86
 p-Isopropyltoluene
 Concen: 1.880 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079028.D
 Acq: 24 Aug 2023 13:53

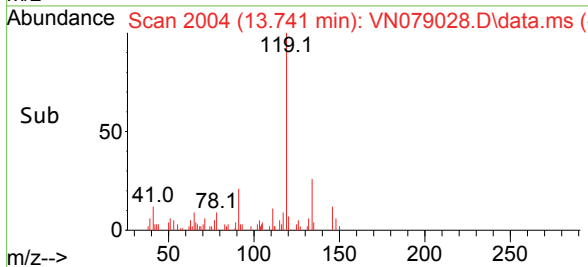
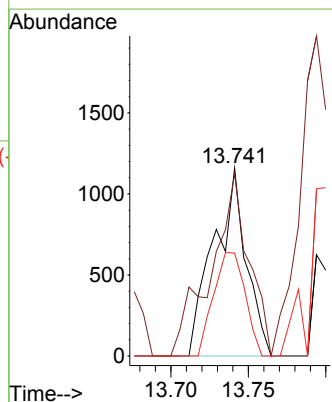
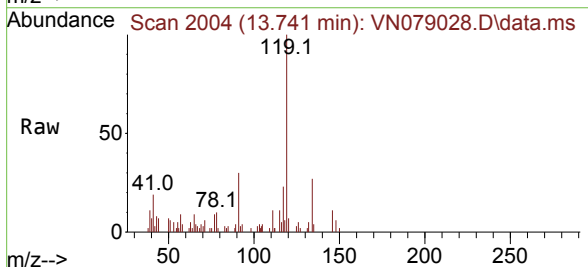
Instrument :
 MSVOA_N
 ClientSampleId :

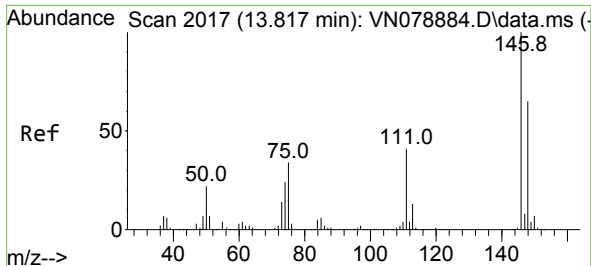
Tgt Ion:119 Resp: 20776
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 31.4 12.4 37.2



#87
 1,3-Dichlorobenzene
 Concen: 0.271 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN079028.D
 Acq: 24 Aug 2023 13:53

Tgt Ion:146 Resp: 1691
 Ion Ratio Lower Upper
 146 100
 111 112.8 22.1 66.3#
 148 53.3 32.0 96.0

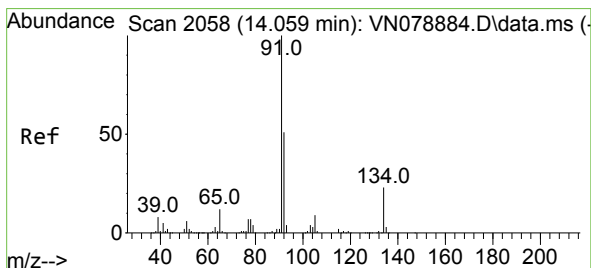
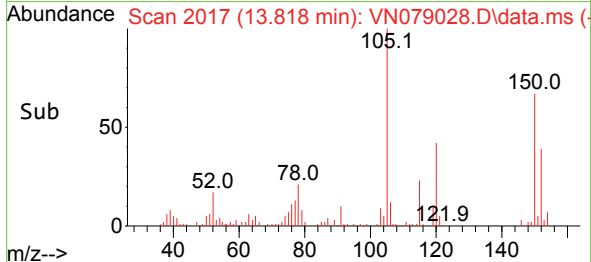
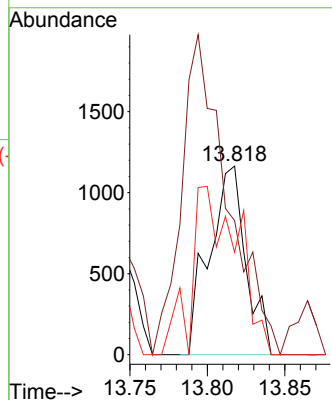
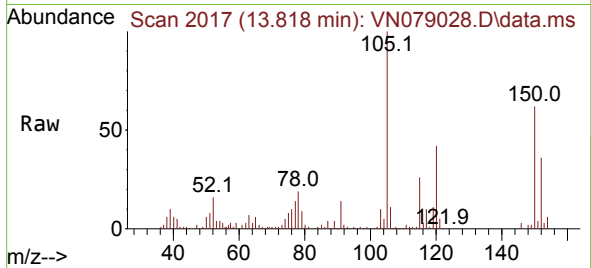




#88
1,4-Dichlorobenzene
Concen: 0.306 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

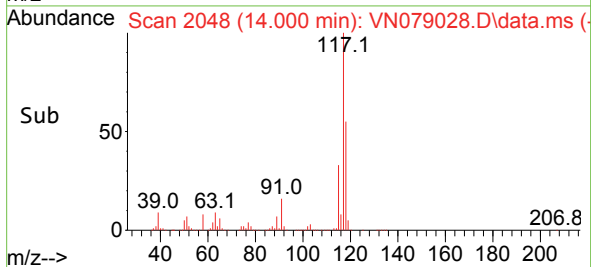
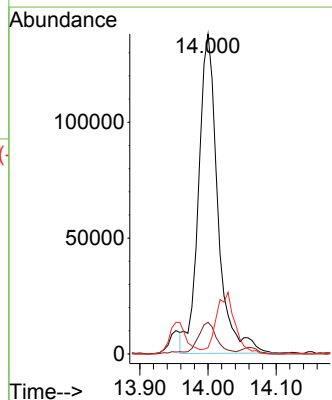
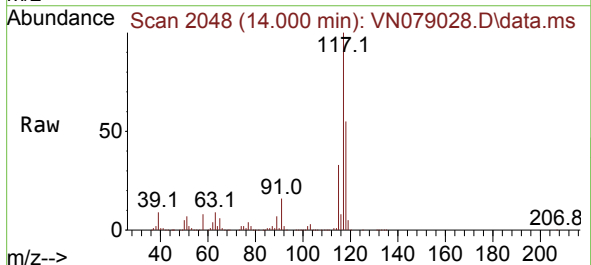
Instrument :
MSVOA_N
ClientSampleId :

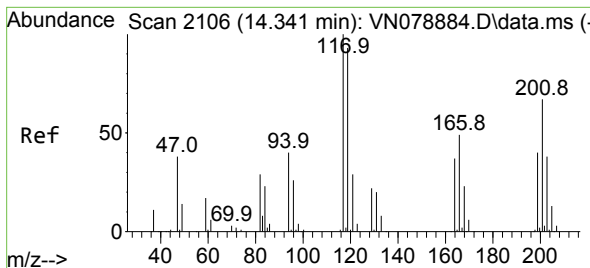
Tgt Ion:146 Resp: 1915
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 0.0 31.6 94.8#



#89
n-Butylbenzene
Concen: 29.667 ug/l
RT: 14.000 min Scan# 2048
Delta R.T. -0.059 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 91 Resp: 269845
Ion Ratio Lower Upper
91 100
92 10.3 26.4 79.0#
134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 7.014 ug/l

RT: 14.335 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_N

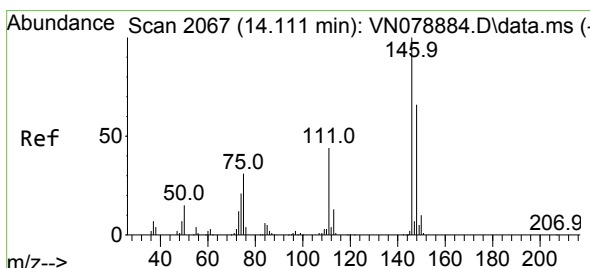
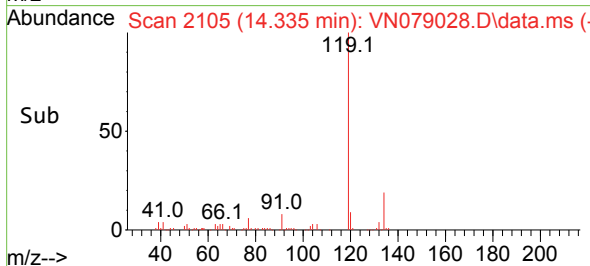
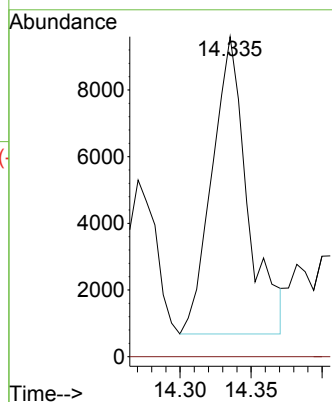
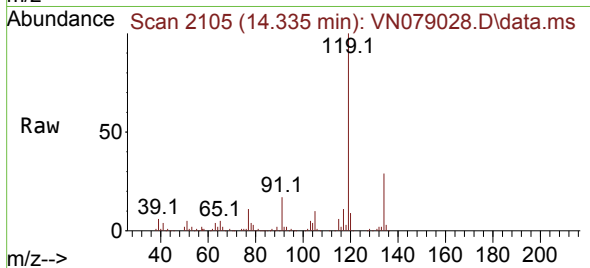
ClientSampleId :

Tgt Ion:117 Resp: 15539

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#91

1,2-Dichlorobenzene

Concen: 0.285 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079028.D

Acq: 24 Aug 2023 13:53

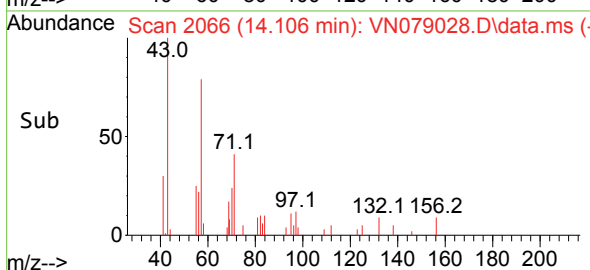
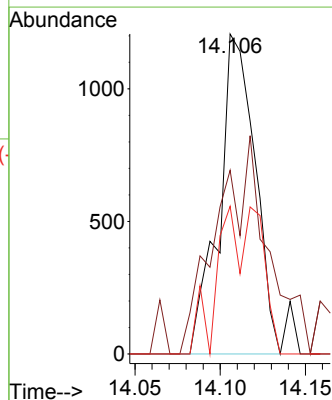
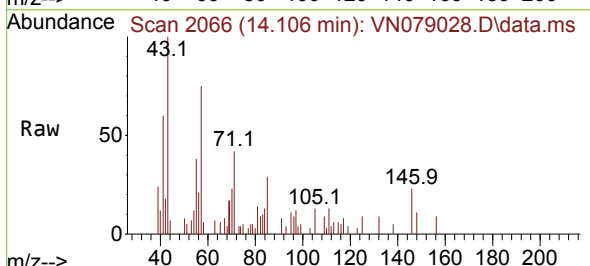
Tgt Ion:146 Resp: 1771

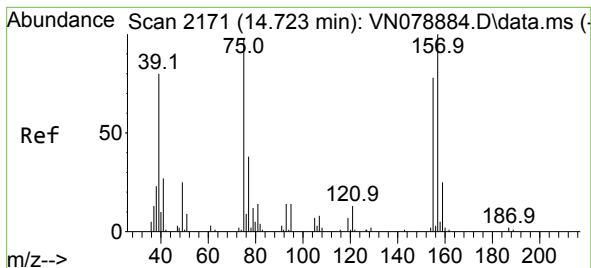
Ion Ratio Lower Upper

146 100

111 50.8 22.0 66.0

148 31.2 31.8 95.3#

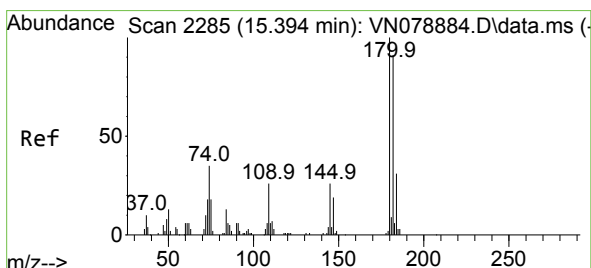
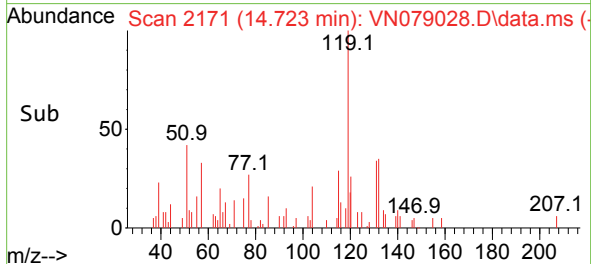
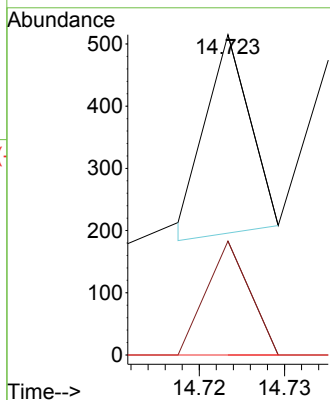
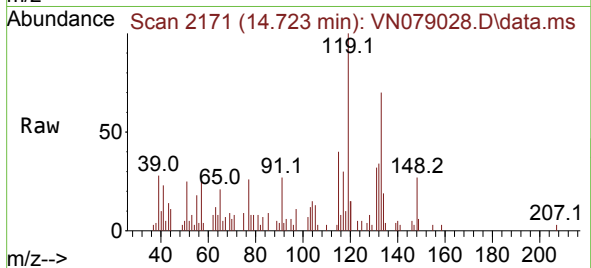




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

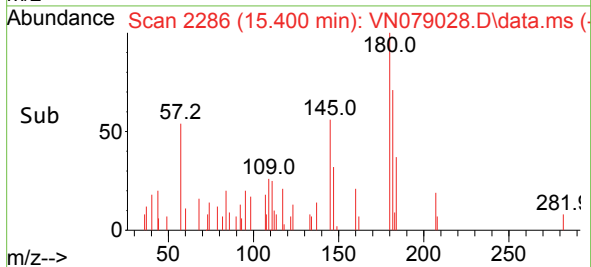
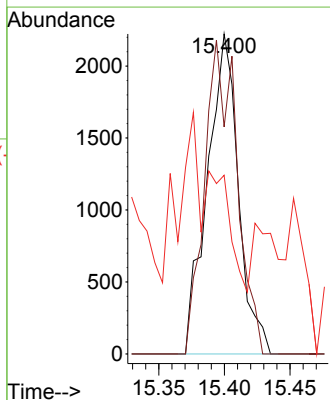
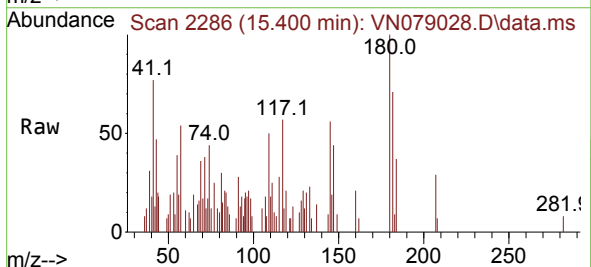
Instrument :
MSVOA_N
ClientSampleId :

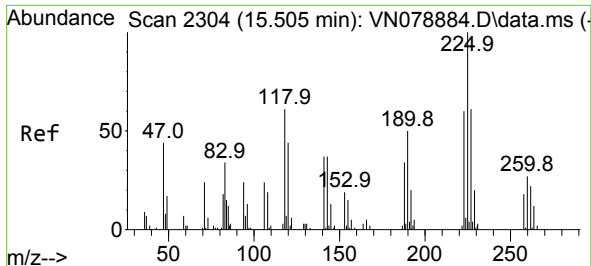
Tgt Ion: 75 Resp: 117
Ion Ratio Lower Upper
75 100
155 55.6 39.1 117.2
157 0.0 50.3 150.9#



#93
1,2,4-Trichlorobenzene
Concen: 1.653 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

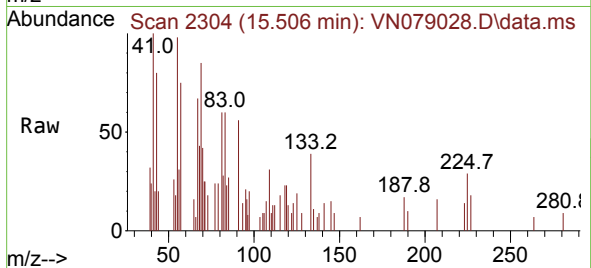
Tgt Ion:180 Resp: 3639
Ion Ratio Lower Upper
180 100
182 102.7 46.1 138.2
145 0.0 16.6 49.8#



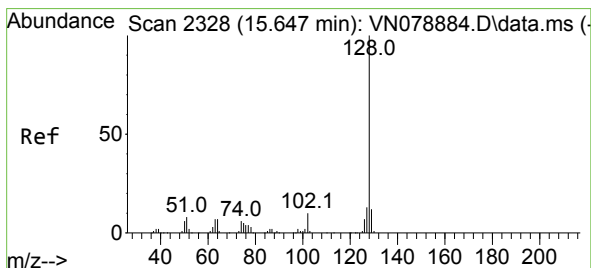
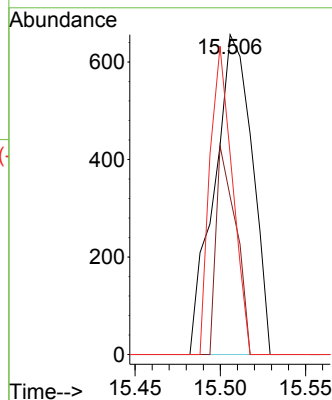
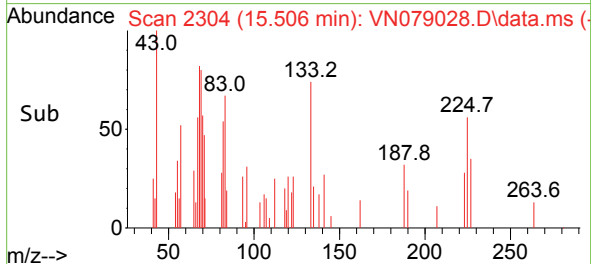


#94
Hexachlorobutadiene
Concen: 0.585 ug/l
RT: 15.506 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

Instrument :
MSVOA_N
ClientSampleId :

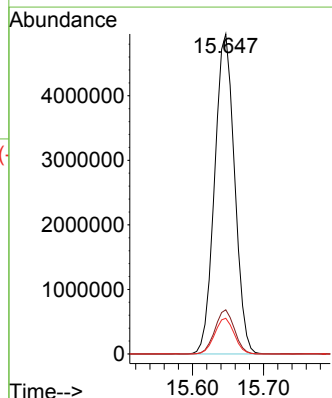
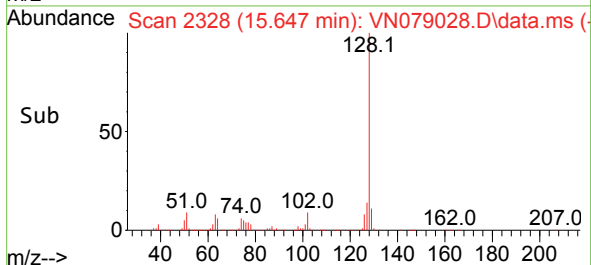
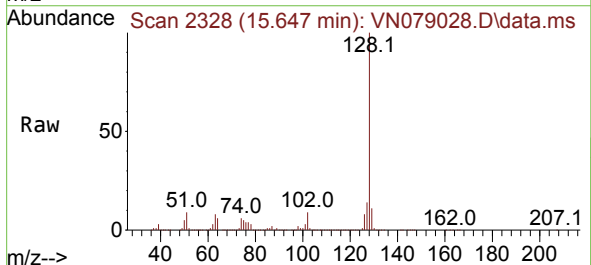


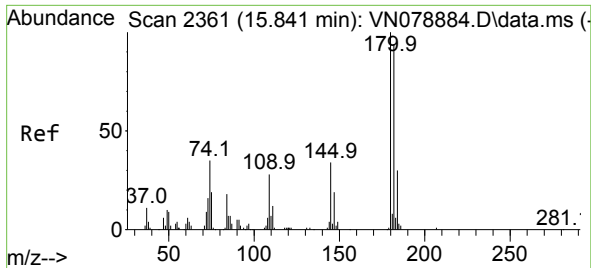
Tgt Ion:225 Resp: 1015
Ion Ratio Lower Upper
225 100
223 34.0 31.3 93.8
227 57.0 31.9 95.9



#95
Naphthalene
Concen: 1097.418 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079028.D
Acq: 24 Aug 2023 13:53

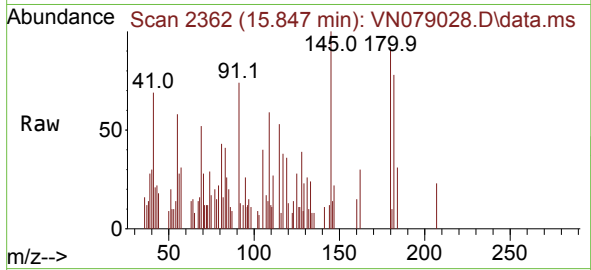
Tgt Ion:128 Resp: 9630934
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.682 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079028.D
 Acq: 24 Aug 2023 13:53

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	46.2	138.6
145	57.2	17.5	52.6

