

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079123.D
 Acq On : 01 Sep 2023 15:22
 Operator : JC\MD
 Sample : 04232-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 23:13:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	291518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	538070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	522169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201954	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	206797	45.587	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.180%
35) Dibromofluoromethane	8.171	113	179737	49.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.240%
50) Toluene-d8	10.571	98	658504	48.964	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.853	95	235474	53.567	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.140%

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	1135	0.201	ug/l #	42
11) Tert butyl alcohol	5.536	59	907	1.192	ug/l #	72
13) Acrolein	4.189	56	222	7.275	ug/l	86
16) Acetone	4.436	43	57839	30.901	ug/l	94
17) Carbon Disulfide	4.718	76	12470	1.423	ug/l #	92
18) Methyl Acetate	5.030	43	1615	0.204	ug/l #	76
20) Methylene Chloride	5.271	84	18180	4.558	ug/l	96
25) 2-Butanone	7.494	43	28882	9.624	ug/l #	83
29) Tetrahydrofuran	7.853	42	1027	0.517	ug/l #	51
31) Cyclohexane	8.253	56	13539	Below Cal	#	73
36) 1,1-Dichloropropene	8.229	75	24010	4.407	ug/l #	46
37) Ethyl Acetate	7.577	43	5935	0.974	ug/l #	67
38) Carbon Tetrachloride	8.235	117	30328	5.555	ug/l #	17
39) Methylcyclohexane	9.612	83	4978	0.993	ug/l #	74
40) Benzene	8.612	78	1359005	84.388	ug/l	99
43) Isopropyl Acetate	8.694	43	184812	17.152	ug/l #	83
45) 1,2-Dichloropropane	9.741	63	2401	0.560	ug/l #	45
48) Methyl methacrylate	9.671	41	6913	1.416	ug/l #	29
49) 1,4-Dioxane	9.747	88	70	0.842	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	82879	12.969	ug/l	89
52) Toluene	10.635	92	781165	79.006	ug/l	99
53) t-1,3-Dichloropropene	10.729	75	1685	0.271	ug/l #	76
54) cis-1,3-Dichloropropene	10.365	75	64488	9.508	ug/l #	65
57) 1,3-Dichloropropane	11.206	76	7311	1.031	ug/l #	42
59) 2-Hexanone	11.176	43	154321	33.341	ug/l #	19
67) Ethyl Benzene	11.970	91	109046	5.395	ug/l	99
68) m/p-Xylenes	12.070	106	208903	27.643	ug/l	94
69) o-Xylene	12.400	106	123137	16.750	ug/l	92
70) Styrene	12.412	104	34904	2.847	ug/l #	46
73) Isopropylbenzene	12.700	105	6966	0.414	ug/l	94
74) N-amyl acetate	12.470	43	4710	0.554	ug/l #	41
76) 1,2,3-Trichloropropane	12.853	75	122758	25.227	ug/l #	1
78) n-propylbenzene	13.041	91	9616	0.492	ug/l	99
79) 2-Chlorotoluene	13.106	91	6234	0.515	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	30662	2.298	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	122758	64.444	ug/l #	15

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

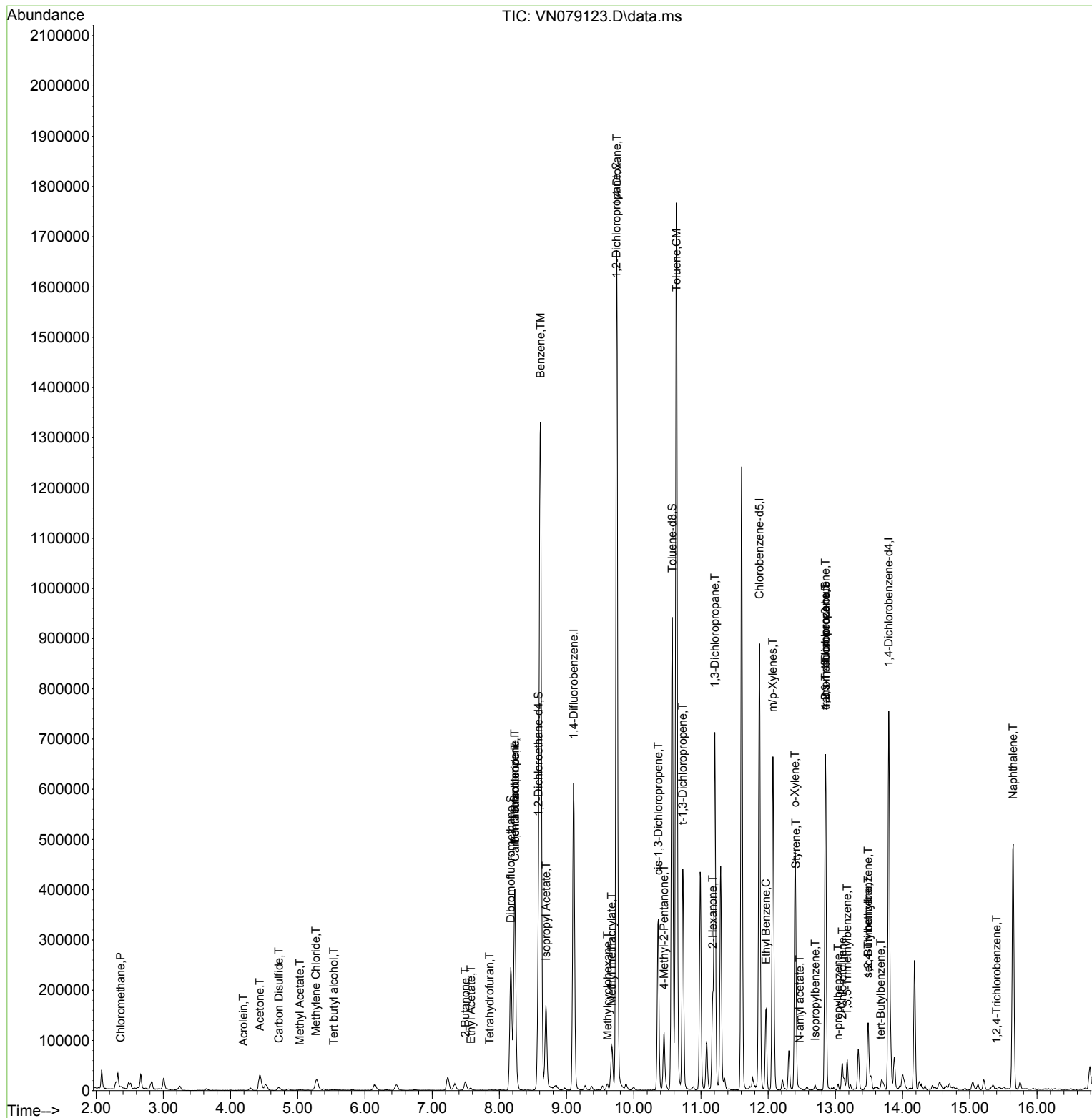
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.676	119	2266	0.202	ug/l	89
84) 1,2,4-Trimethylbenzene	13.488	105	83565	6.324	ug/l	92
85) sec-Butylbenzene	13.488	105	83565	5.416	ug/l #	57
92) 1,2-Dibromo-3-Chloropr...	14.559	75	114	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	15.400	180	542	0.221	ug/l #	65
94) Hexachlorobutadiene	15.500	225	137	Below Cal	#	19
95) Naphthalene	15.647	128	455430	48.991	ug/l	100

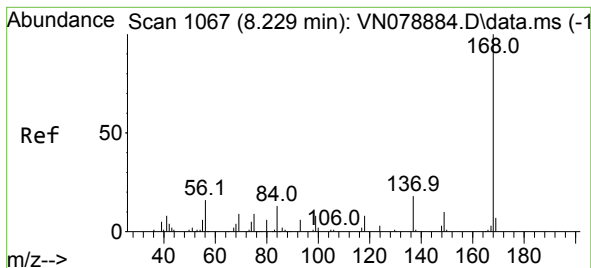
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.001 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

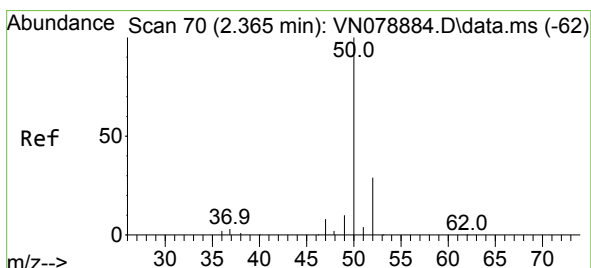
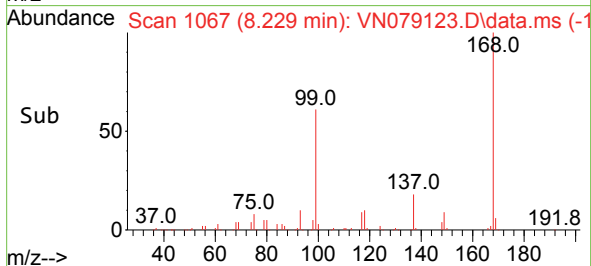
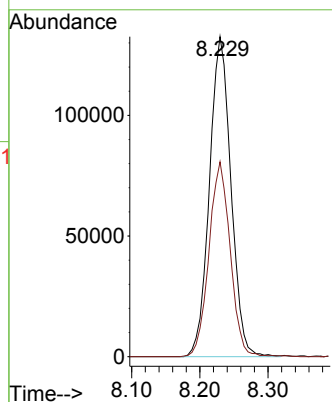
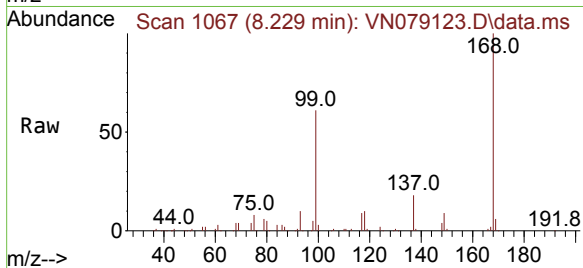
ClientSampleId :

Tgt Ion:168 Resp: 291518

Ion Ratio Lower Upper

168 100

99 60.9 53.0 79.6



#3

Chloromethane

Concen: 0.201 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN079123.D

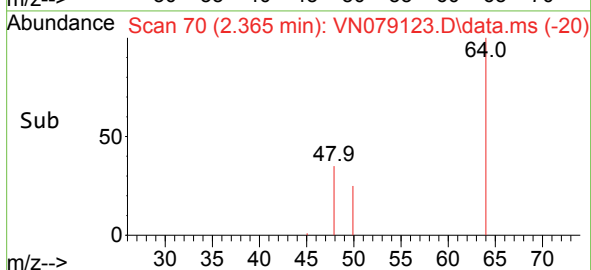
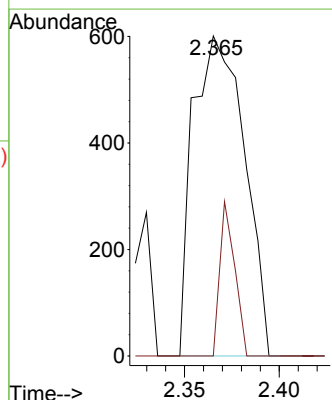
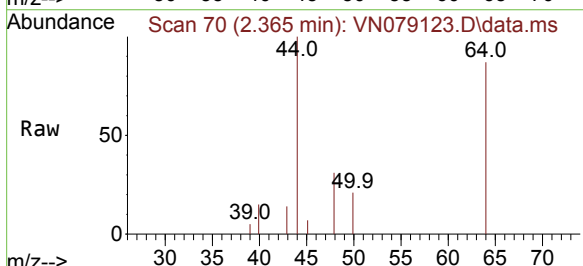
Acq: 01 Sep 2023 15:22

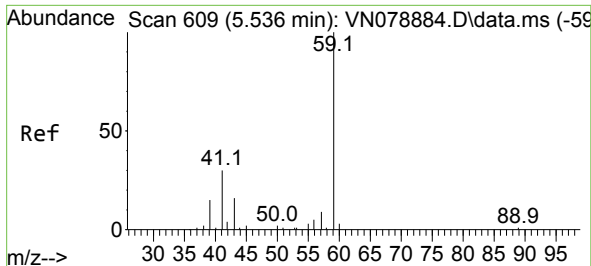
Tgt Ion: 50 Resp: 1135

Ion Ratio Lower Upper

50 100

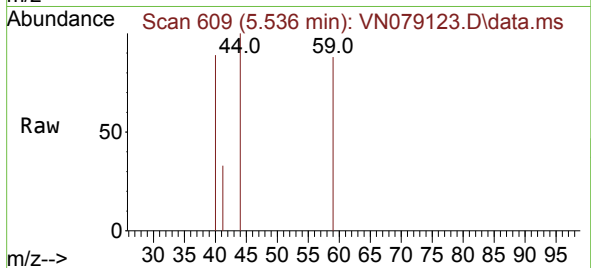
52 0.0 26.5 39.7#



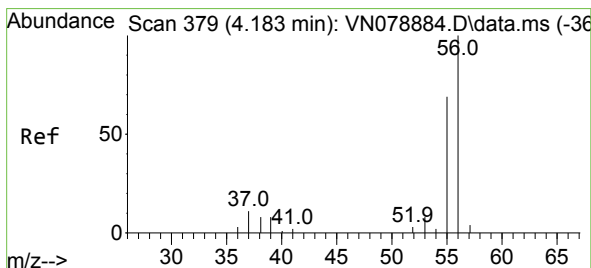
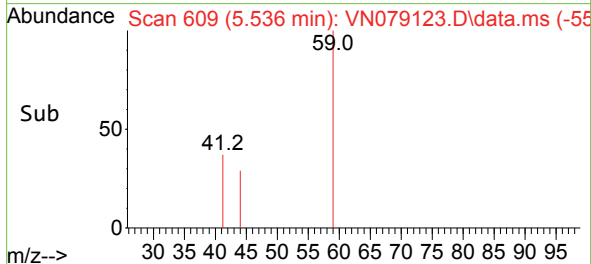
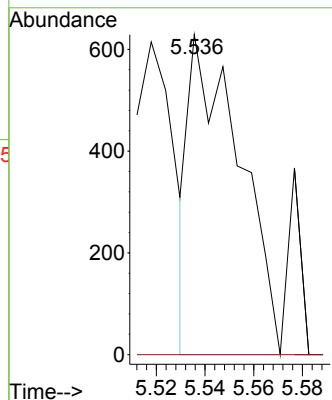


#11
Tert butyl alcohol
Concen: 1.192 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Instrument :
MSVOA_N
ClientSampleId :

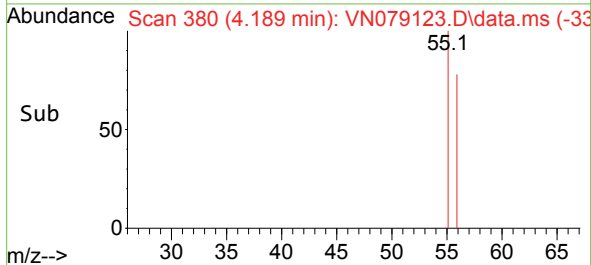
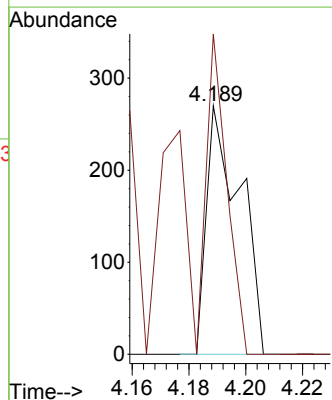
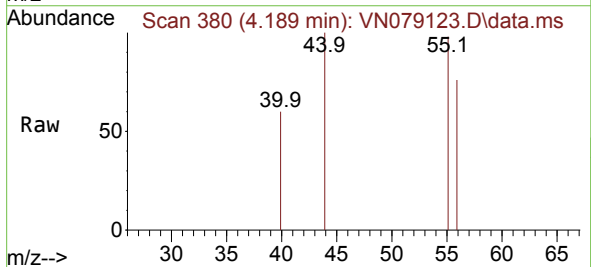


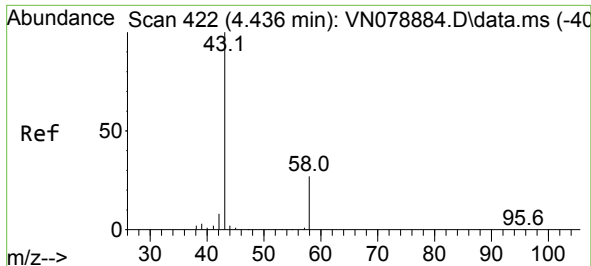
Tgt Ion: 59 Resp: 907
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 7.275 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 56 Resp: 222
Ion Ratio Lower Upper
56 100
55 79.3 54.5 81.7

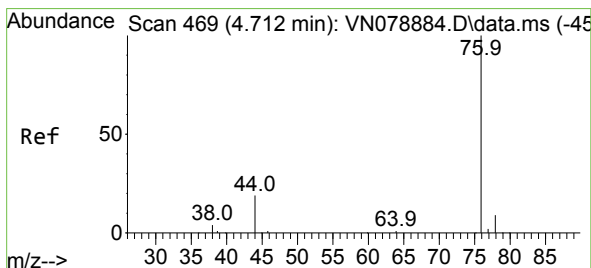
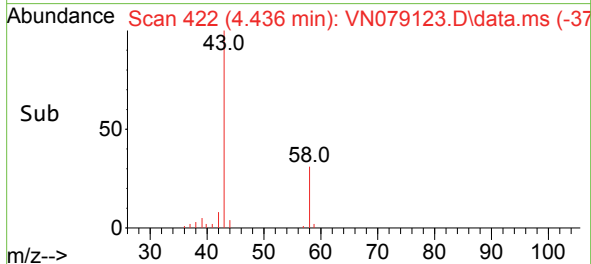
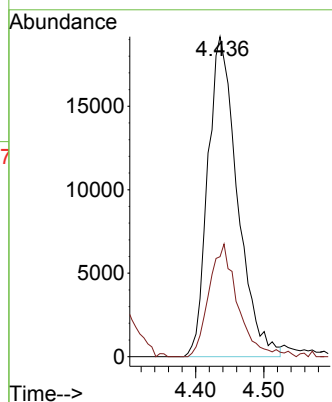
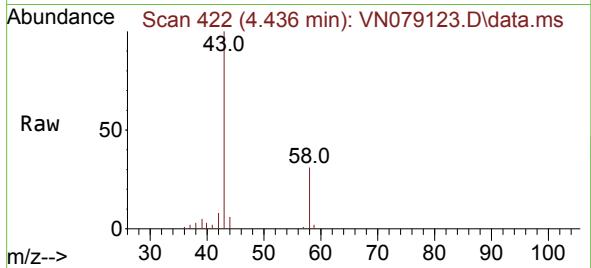




#16
Acetone
Concen: 30.901 ug/l
RT: 4.436 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

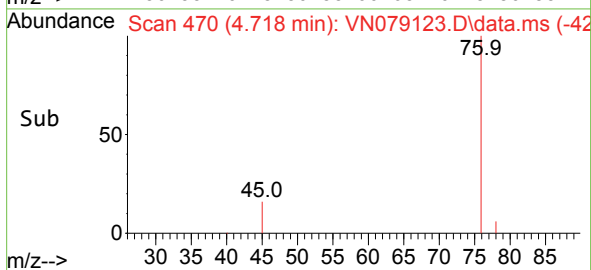
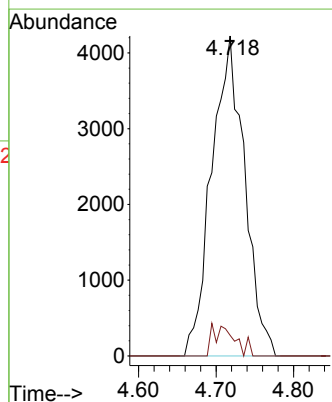
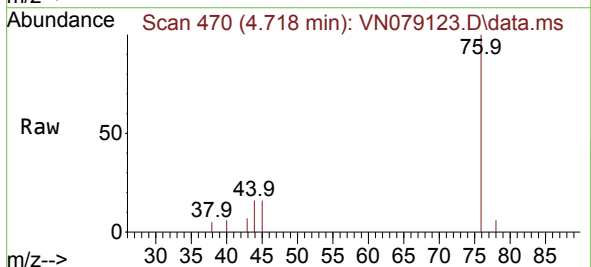
Instrument :
MSVOA_N
ClientSampleId :

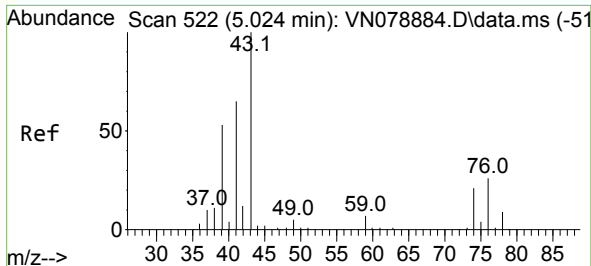
Tgt Ion: 43 Resp: 57839
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0



#17
Carbon Disulfide
Concen: 1.423 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 76 Resp: 12470
Ion Ratio Lower Upper
76 100
78 6.5 7.4 11.0#





#18

Methyl Acetate

Concen: 0.204 ug/l

RT: 5.030 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

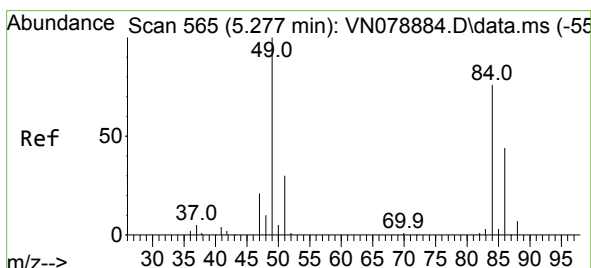
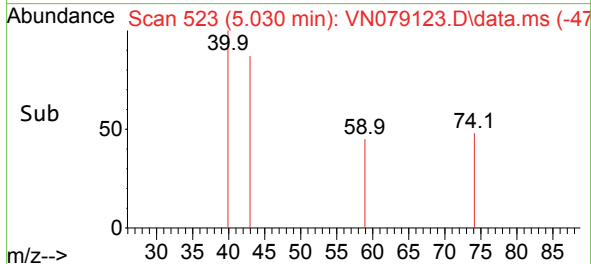
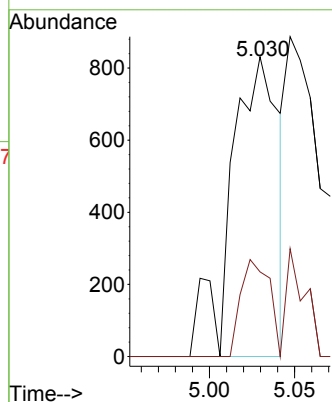
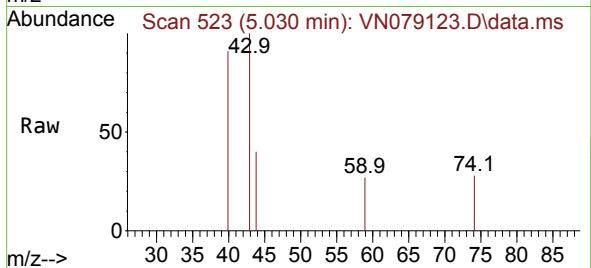
ClientSampleId :

Tgt Ion: 43 Resp: 1615

Ion Ratio Lower Upper

43 100

74 19.5 26.2 39.4#



#20

Methylene Chloride

Concen: 4.558 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.012 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Tgt Ion: 84 Resp: 18180

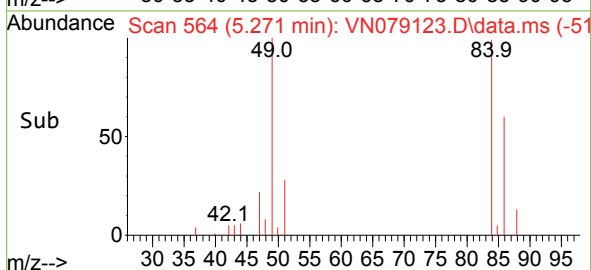
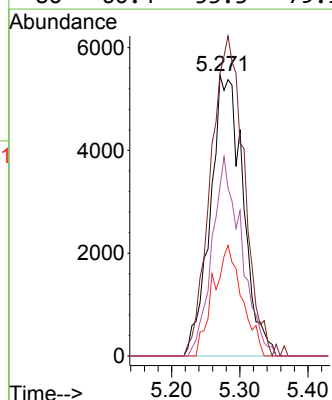
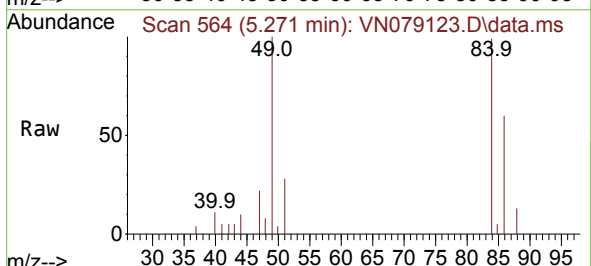
Ion Ratio Lower Upper

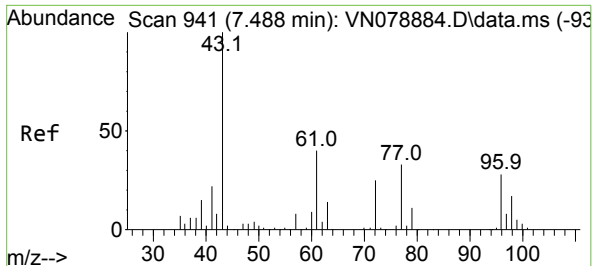
84 100

49 100.8 79.7 119.5

51 27.9 25.2 37.8

86 60.4 53.3 79.9





#25

2-Butanone

Concen: 9.624 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

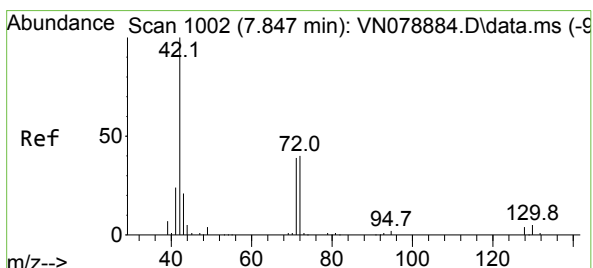
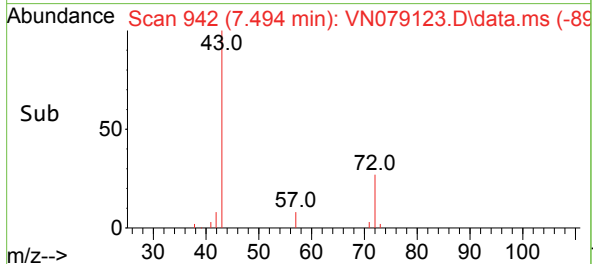
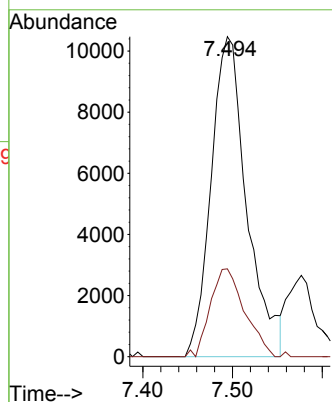
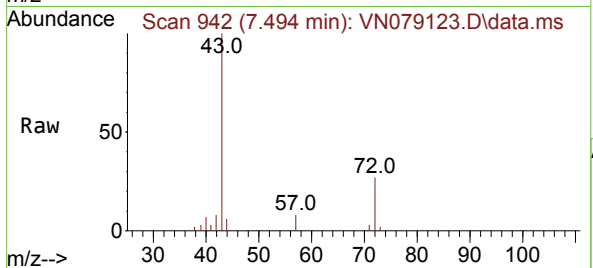
ClientSampleId :

Tgt Ion: 43 Resp: 28882

Ion Ratio Lower Upper

43 100

72 27.4 30.2 45.2#



#29

Tetrahydrofuran

Concen: 0.517 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

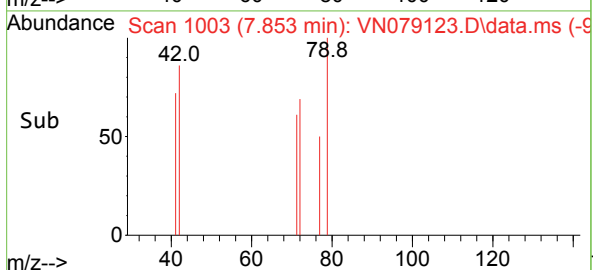
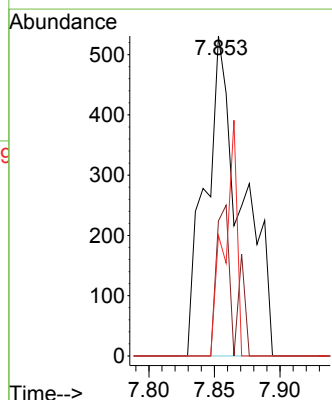
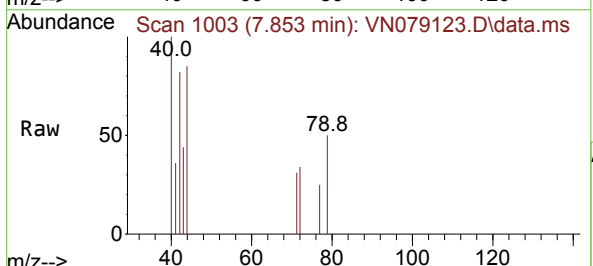
Tgt Ion: 42 Resp: 1027

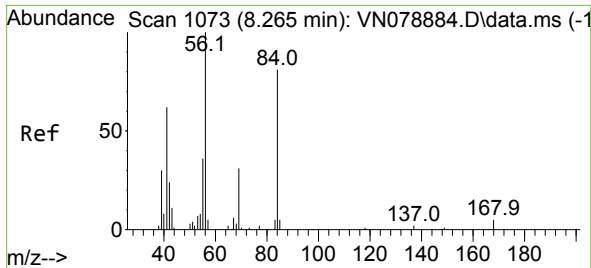
Ion Ratio Lower Upper

42 100

72 22.1 49.8 74.6#

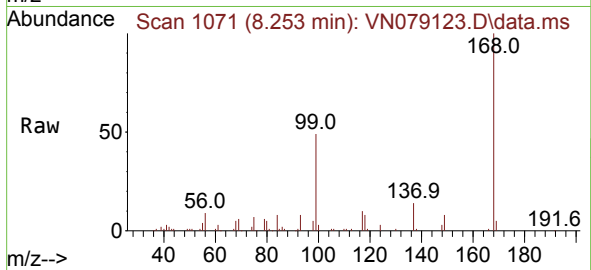
71 25.6 47.4 71.2#



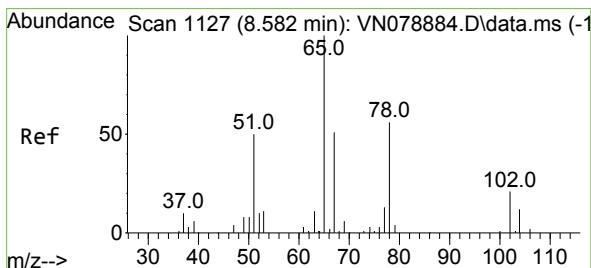
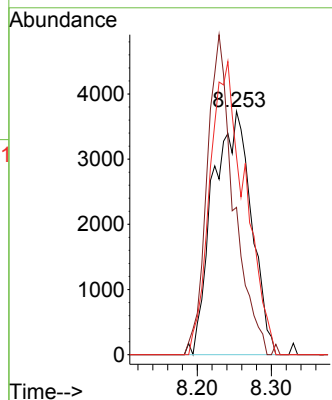
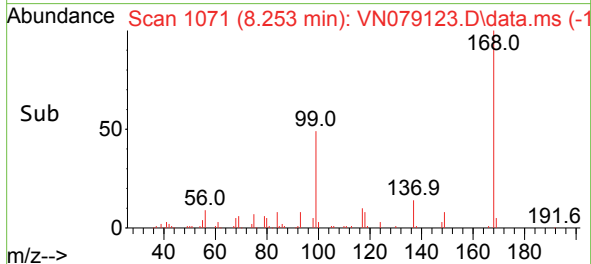


#31
Cyclohexane
Concen: Below Cal
RT: 8.253 min Scan# 1071
Delta R.T. -0.012 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Instrument :
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ClientSampleId :

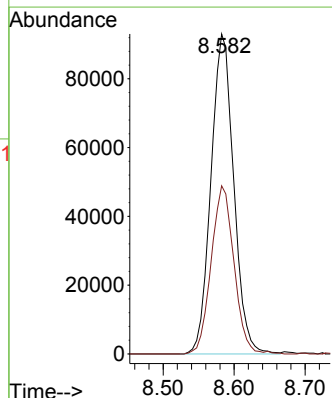
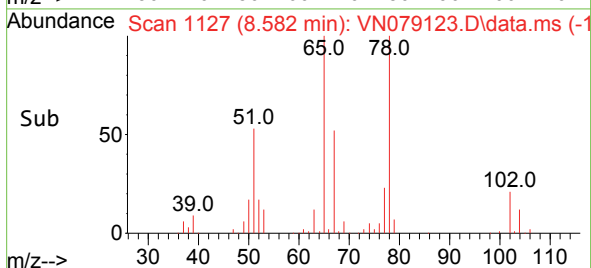
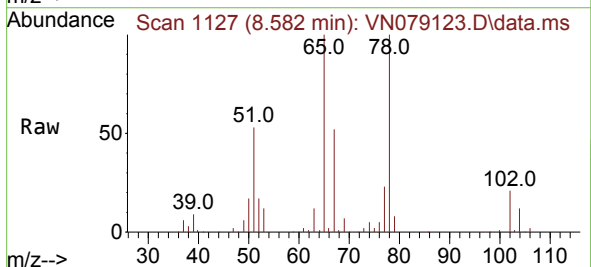


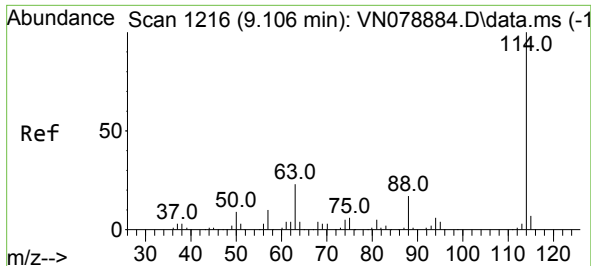
Tgt Ion: 56 Resp: 13539
Ion Ratio Lower Upper
56 100
69 60.6 26.8 40.2#
84 81.4 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 45.587 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 65 Resp: 206797
Ion Ratio Lower Upper
65 100
67 52.7 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: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

ClientSampleId :

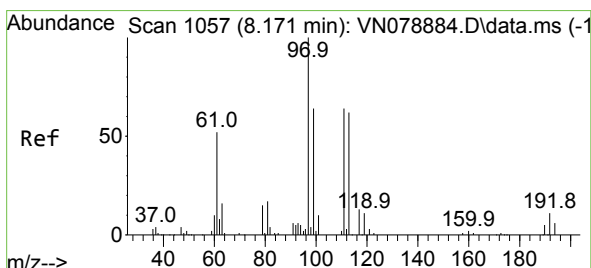
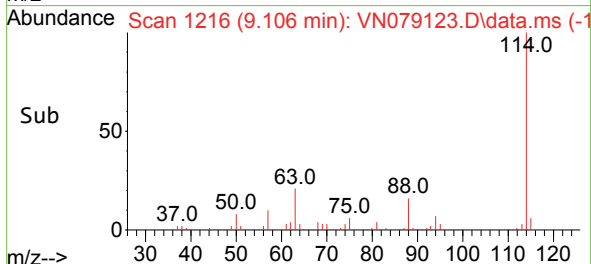
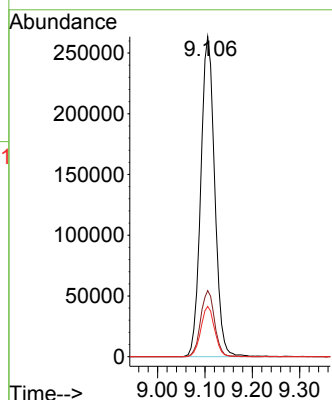
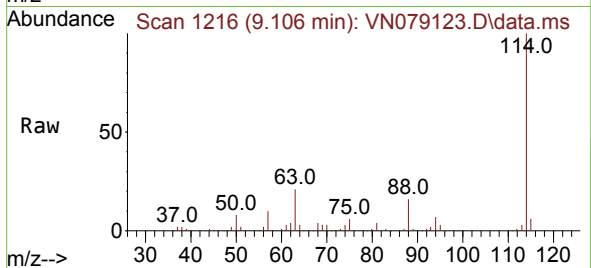
Tgt Ion:114 Resp: 538070

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.624 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

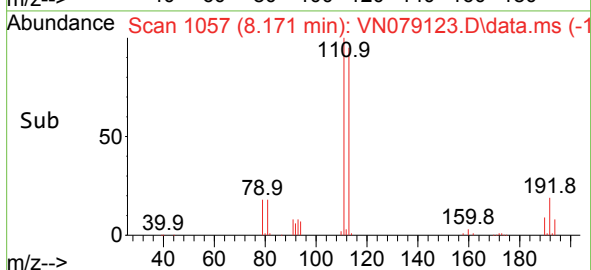
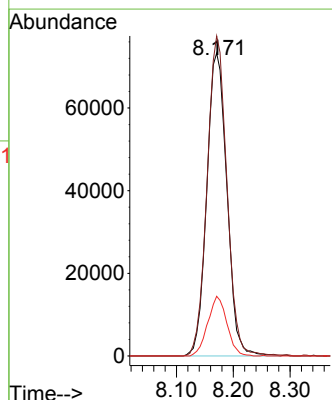
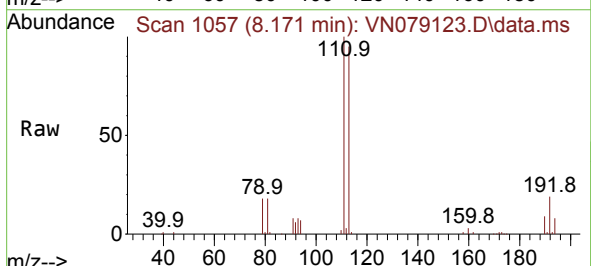
Tgt Ion:113 Resp: 179737

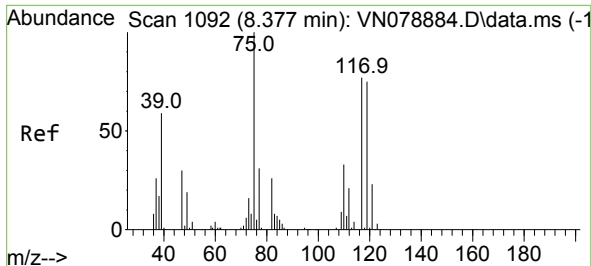
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

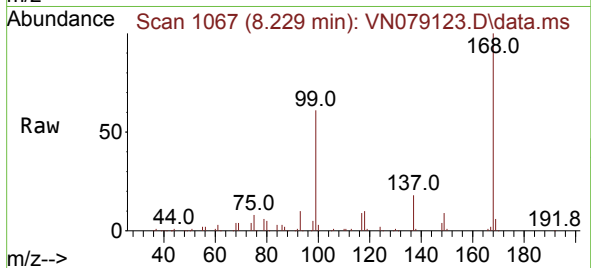
192 18.8 12.7 19.1



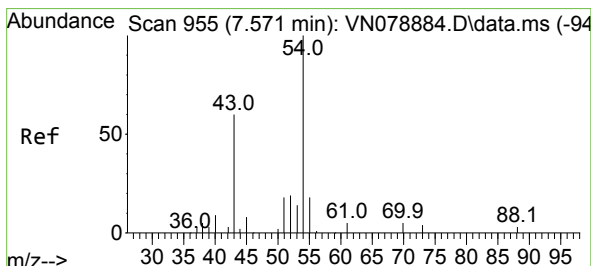
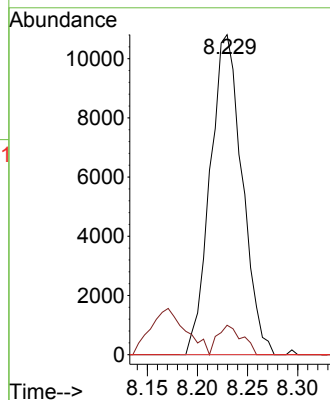
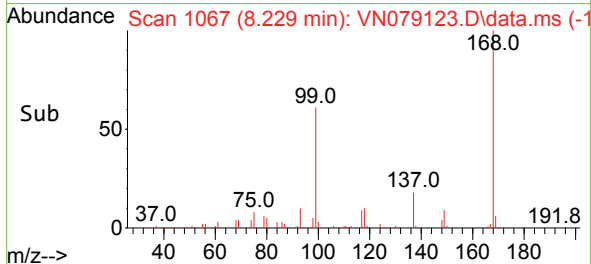


#36
1,1-Dichloropropene
Concen: 4.407 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Instrument :
MSVOA_N
ClientSampleId :

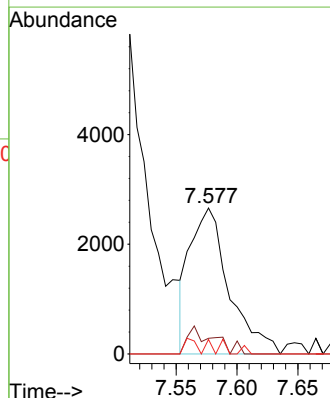
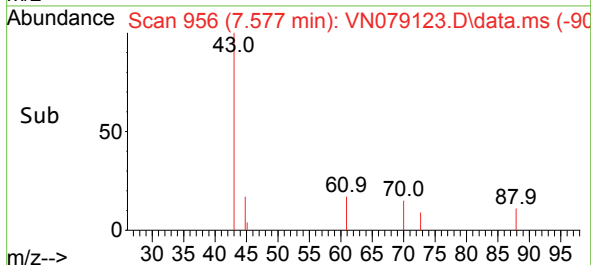
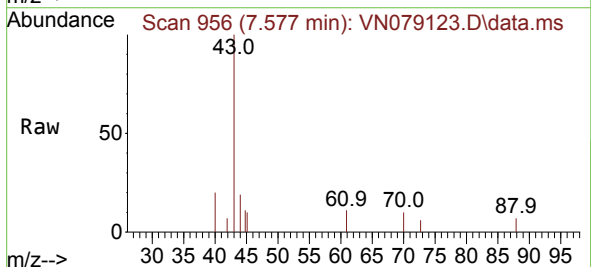


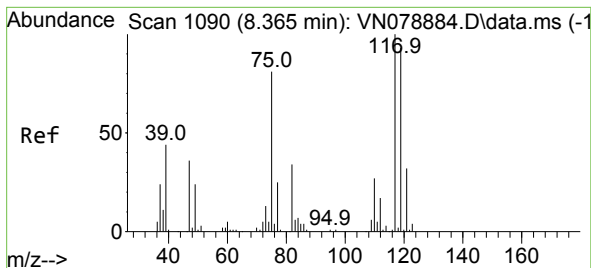
Tgt Ion: 75 Resp: 24010
Ion Ratio Lower Upper
75 100
110 7.0 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.974 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 43 Resp: 5935
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 3.2 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.555 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

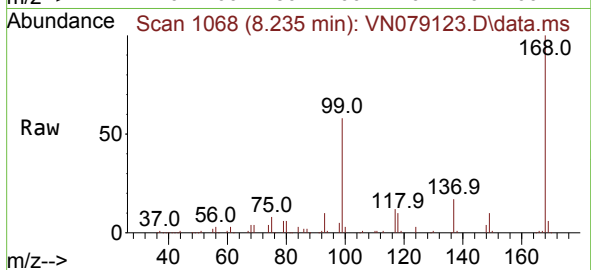
Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

ClientSampleId :



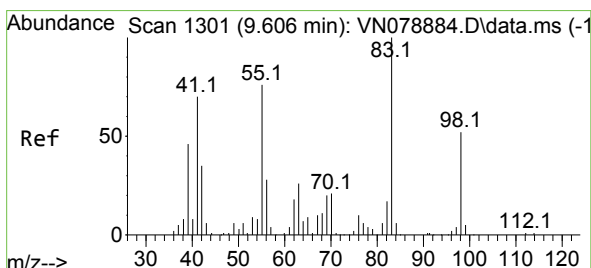
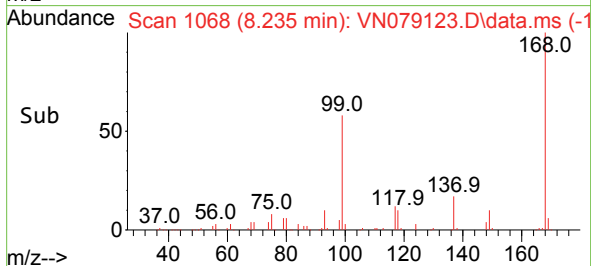
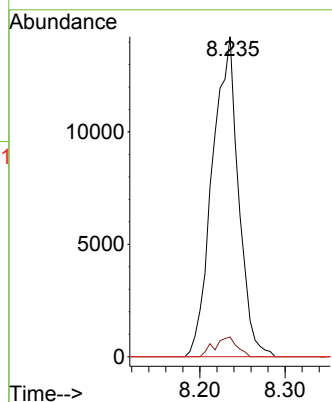
Tgt Ion:117 Resp: 30328

Ion Ratio Lower Upper

117 100

119 6.2 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 0.993 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

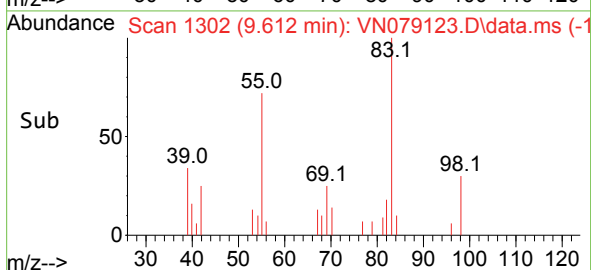
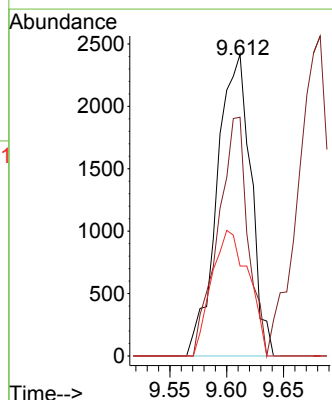
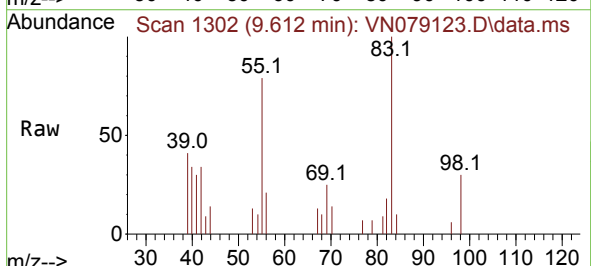
Tgt Ion: 83 Resp: 4978

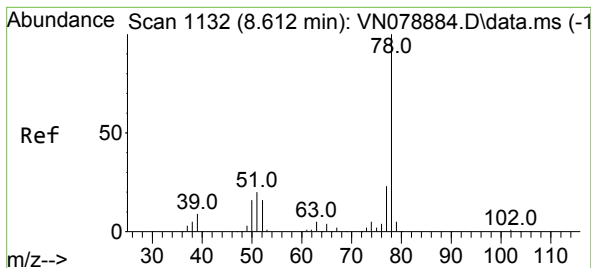
Ion Ratio Lower Upper

83 100

55 79.2 49.1 73.7#

98 29.8 40.6 61.0#





#40

Benzene

Concen: 84.388 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

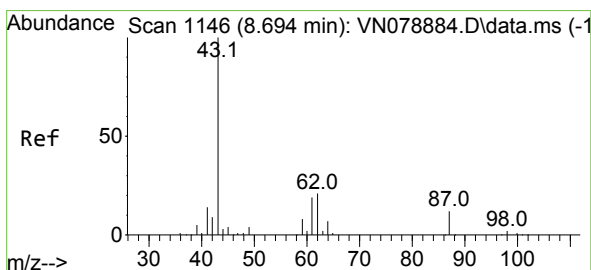
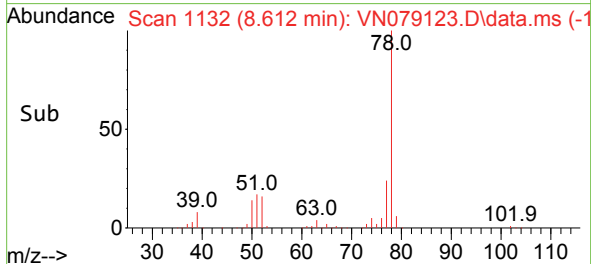
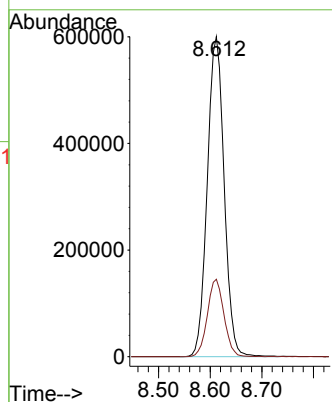
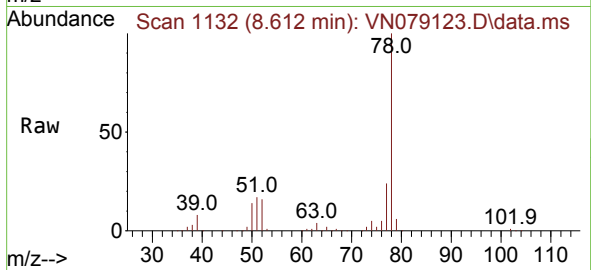
ClientSampleId :

Tgt Ion: 78 Resp: 1359005

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6



#43

Isopropyl Acetate

Concen: 17.152 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

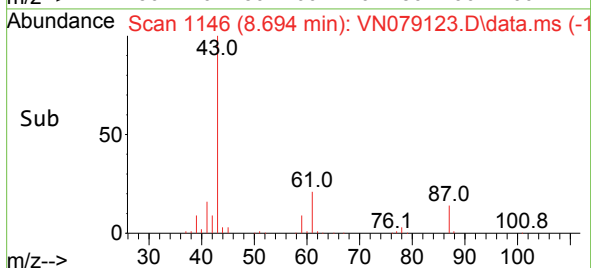
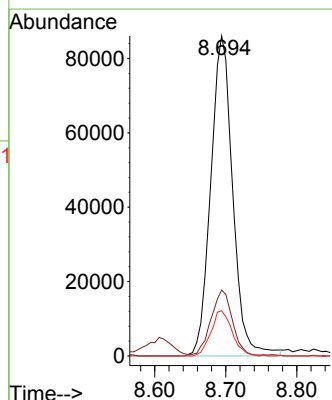
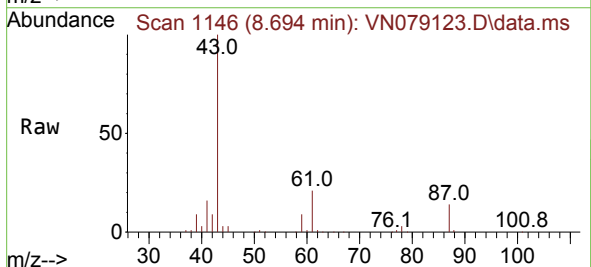
Tgt Ion: 43 Resp: 184812

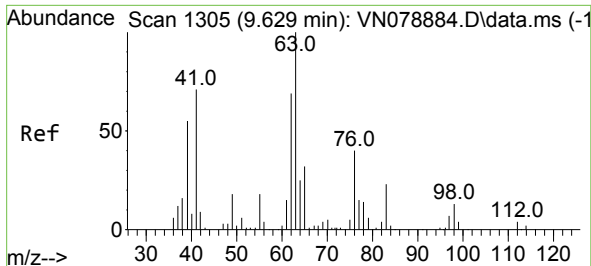
Ion Ratio Lower Upper

43 100

61 19.6 24.7 37.1#

87 13.6 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.560 ug/l

RT: 9.741 min Scan# 1324

Delta R.T. 0.117 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

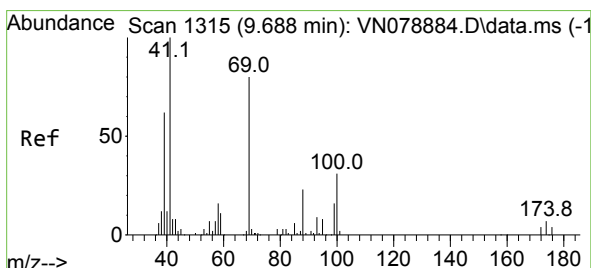
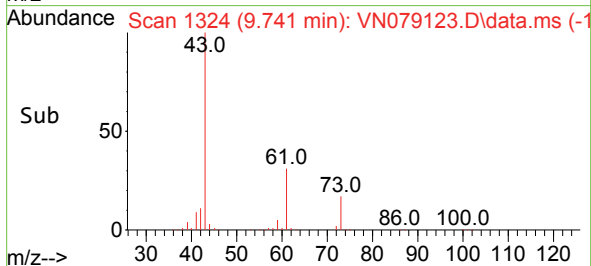
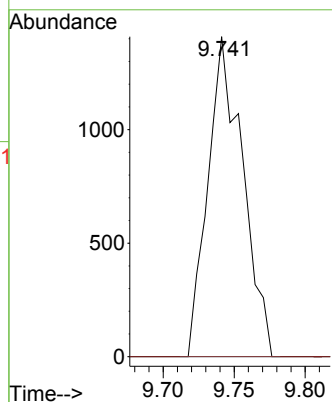
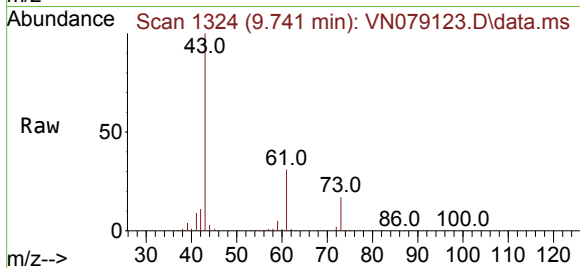
ClientSampleId :

Tgt Ion: 63 Resp: 2401

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.416 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.017 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

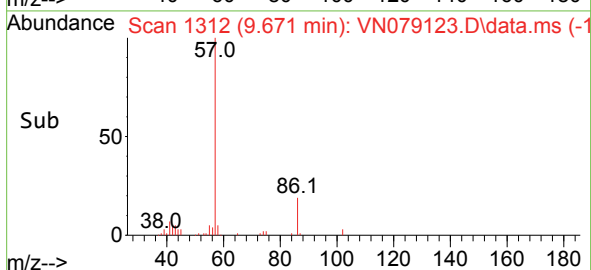
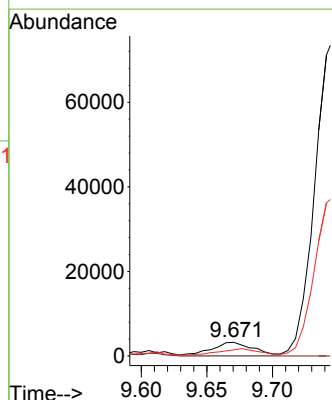
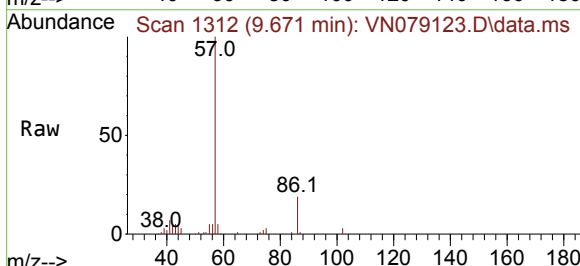
Tgt Ion: 41 Resp: 6913

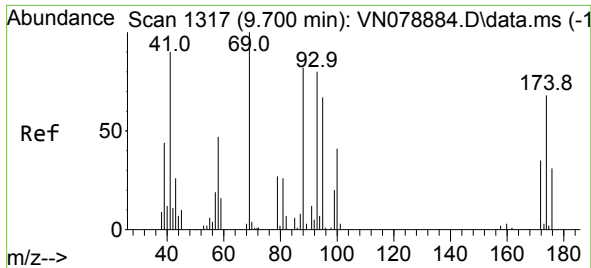
Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 55.9 54.6 81.8





#49

1,4-Dioxane

Concen: 0.842 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.047 min

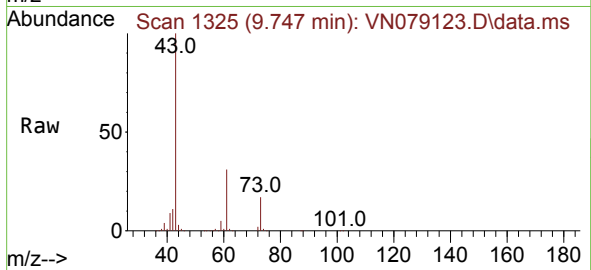
Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

ClientSampleId :



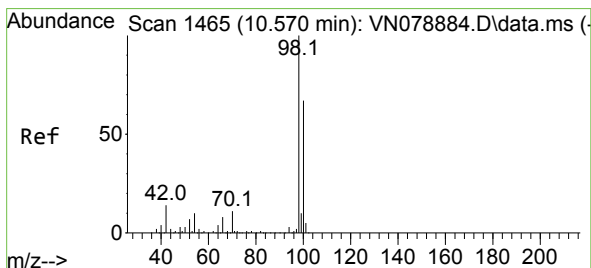
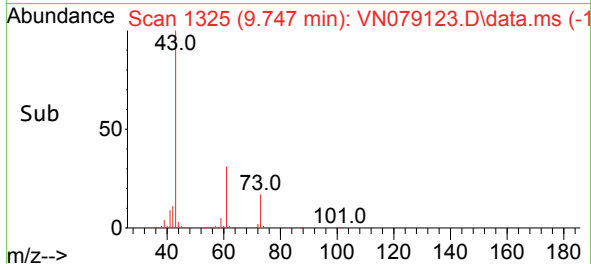
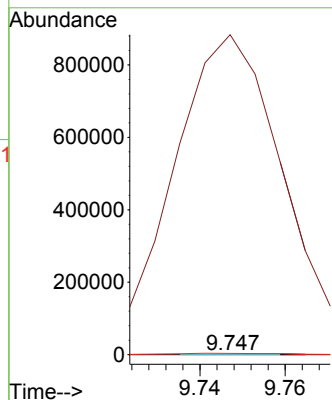
Tgt Ion: 88 Resp: 70

Ion Ratio Lower Upper

88 100

43 2339984.3 17.0 25.6#

58 11365.7 47.0 70.4#



#50

Toluene-d8

Concen: 48.964 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079123.D

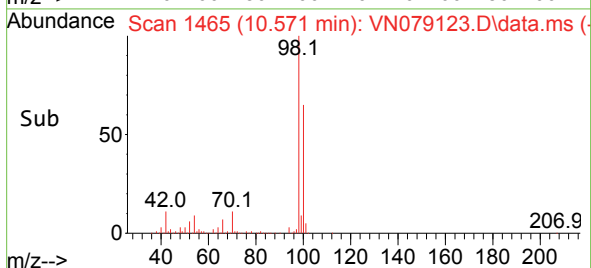
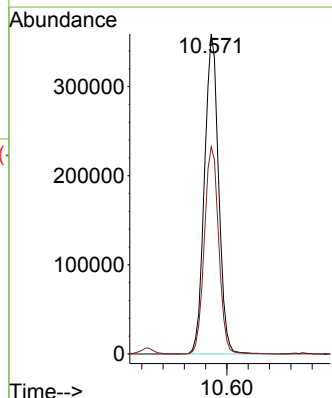
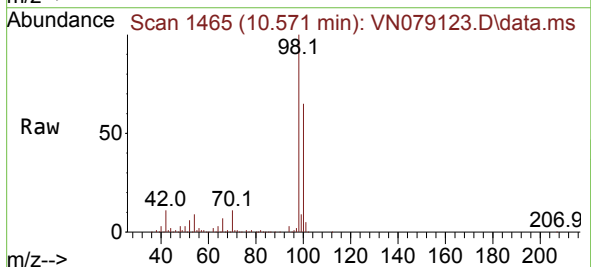
Acq: 01 Sep 2023 15:22

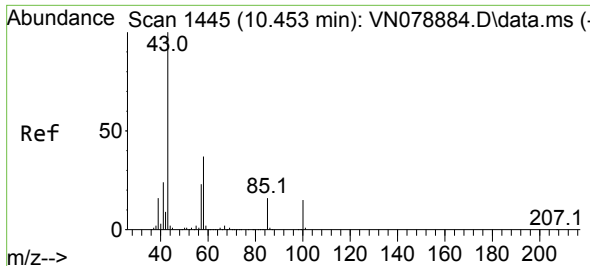
Tgt Ion: 98 Resp: 658504

Ion Ratio Lower Upper

98 100

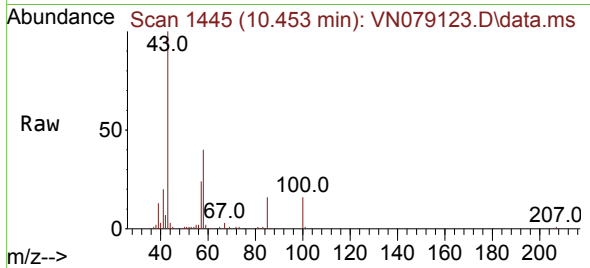
100 65.8 52.0 78.0



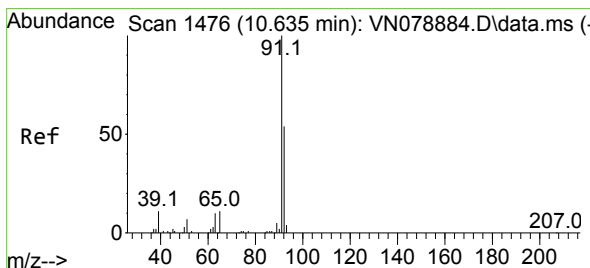
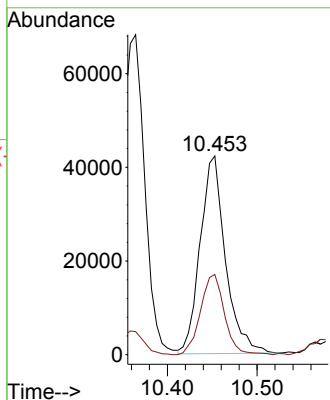
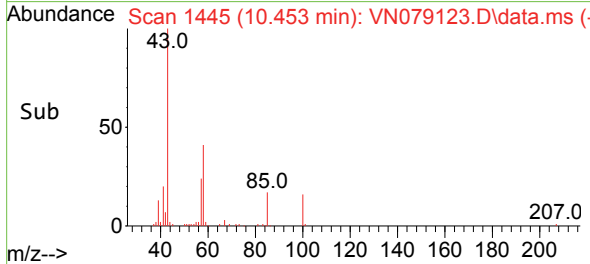


#51
4-Methyl-2-Pentanone
Concen: 12.969 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Instrument :
MSVOA_N
ClientSampleId :

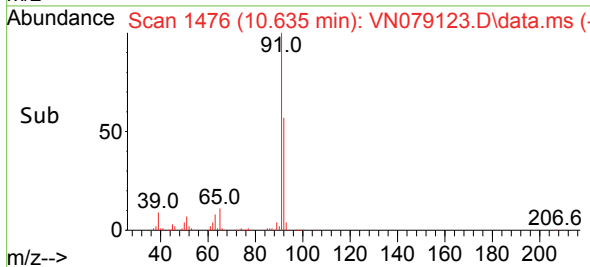
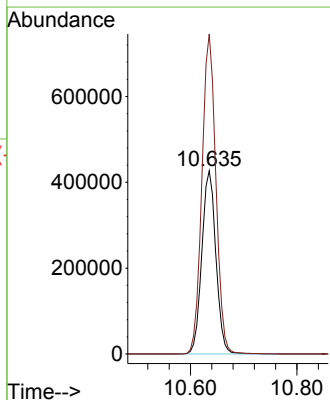
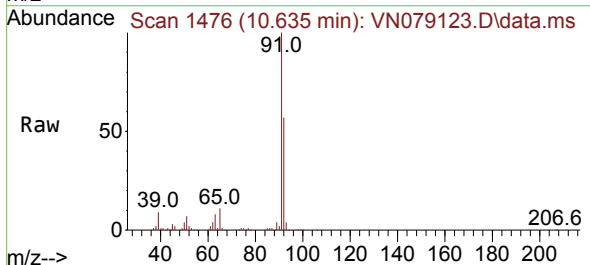


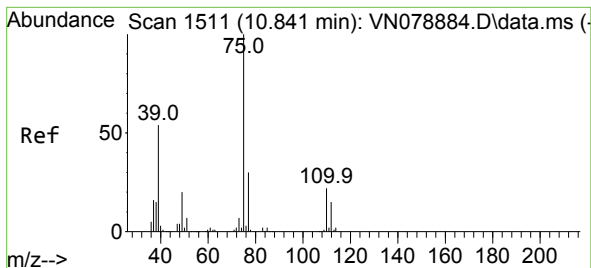
Tgt Ion: 43 Resp: 82879
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8



#52
Toluene
Concen: 79.006 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 92 Resp: 781165
Ion Ratio Lower Upper
92 100
91 173.6 137.4 206.0

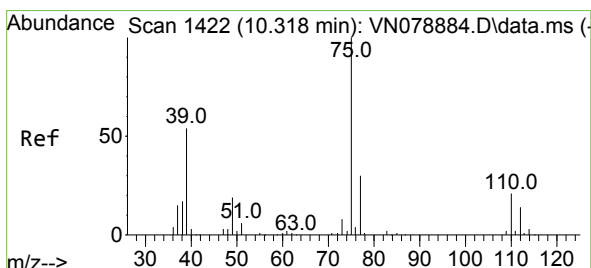
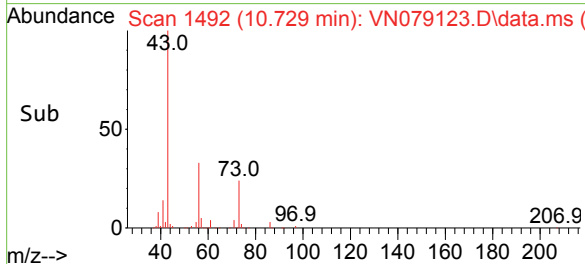
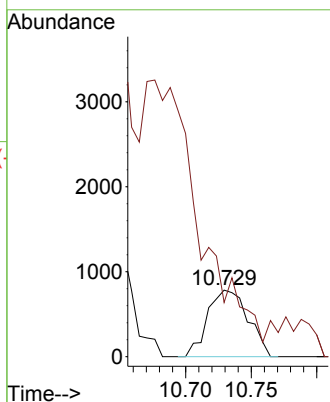
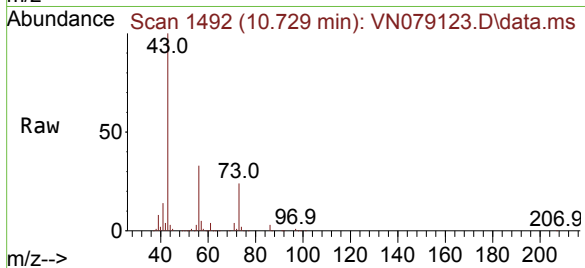




#53
t-1,3-Dichloropropene
Concen: 0.271 ug/l
RT: 10.729 min Scan# 14
Delta R.T. -0.112 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

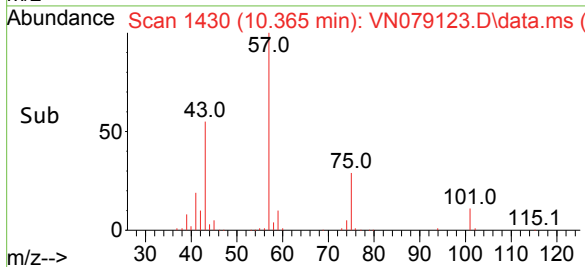
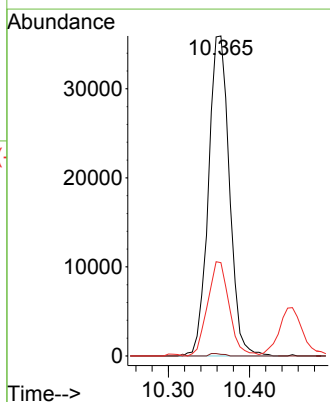
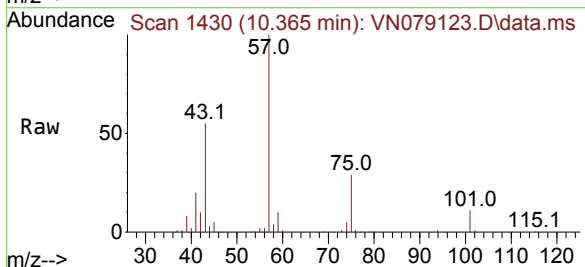
Instrument :
MSVOA_N
ClientSampleId :

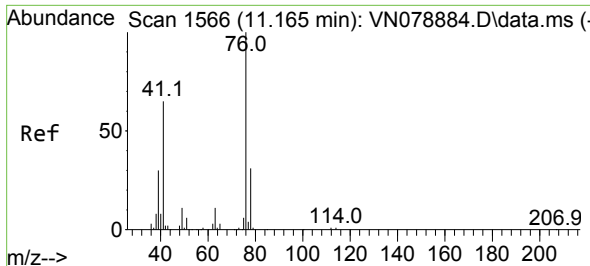
Tgt Ion: 75 Resp: 1685
Ion Ratio Lower Upper
75 100
77 45.1 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 9.508 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 75 Resp: 64488
Ion Ratio Lower Upper
75 100
77 0.5 26.1 39.1#
39 28.7 31.6 47.4#





#57

1,3-Dichloropropane

Concen: 1.031 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

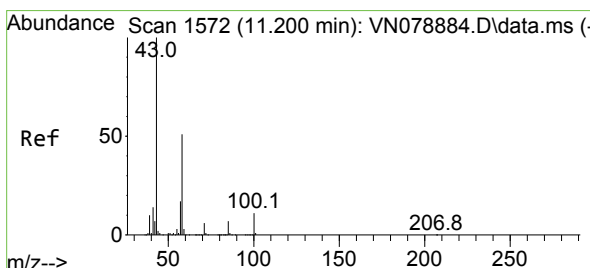
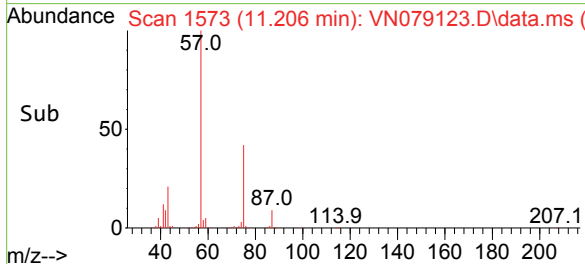
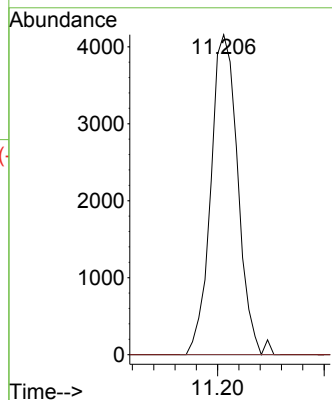
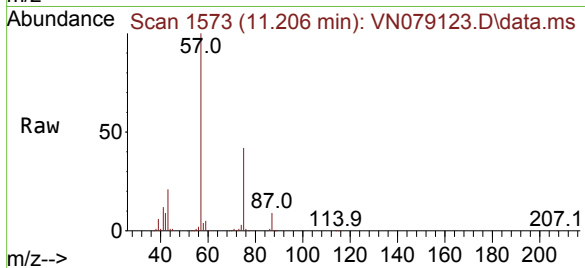
ClientSampleId :

Tgt Ion: 76 Resp: 7311

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 33.341 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.024 min

Lab File: VN079123.D

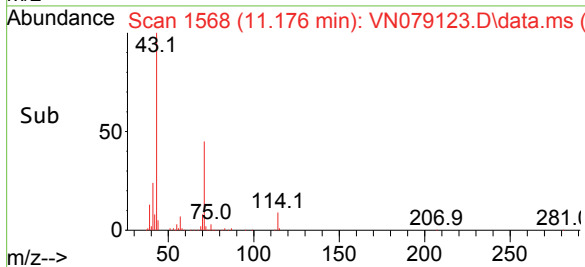
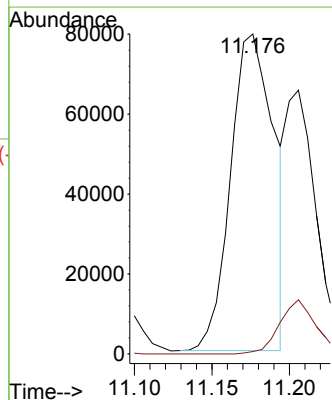
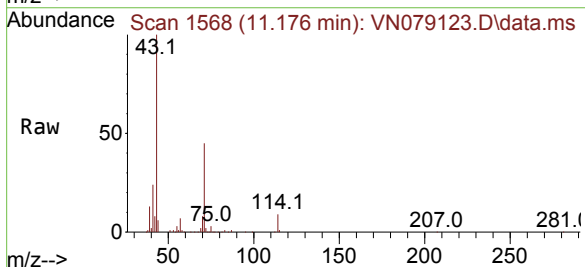
Acq: 01 Sep 2023 15:22

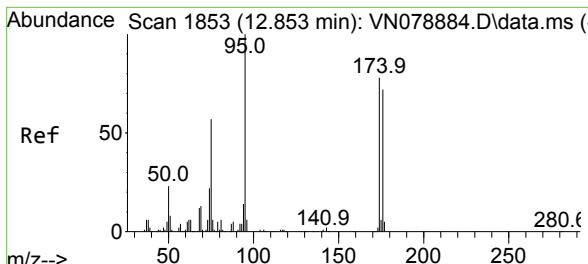
Tgt Ion: 43 Resp: 154321

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

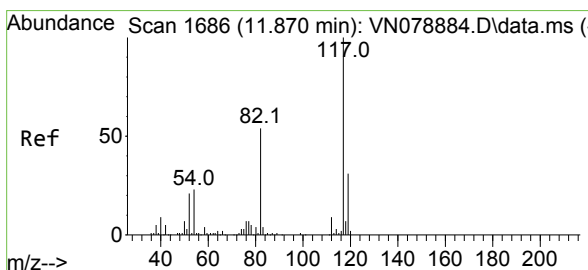
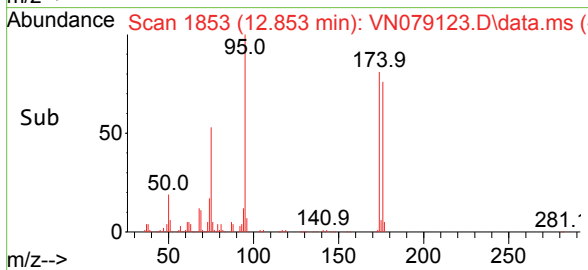
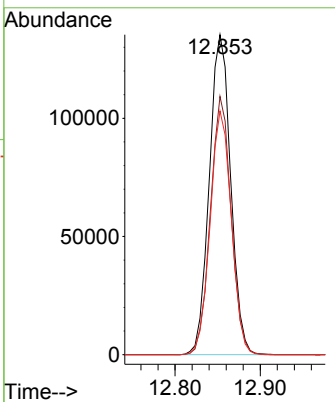
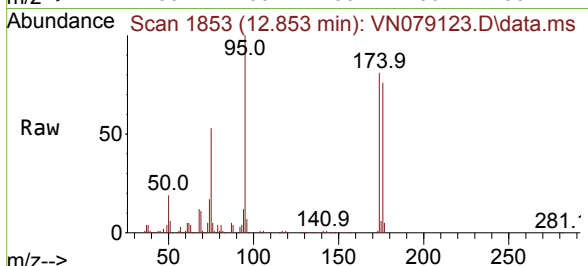




#62
 4-Bromofluorobenzene
 Concen: 53.567 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN079123.D
 Acq: 01 Sep 2023 15:22

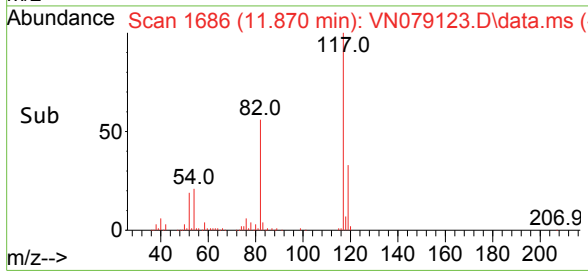
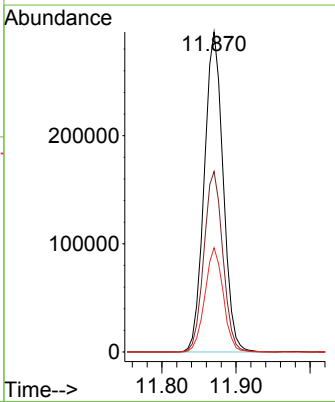
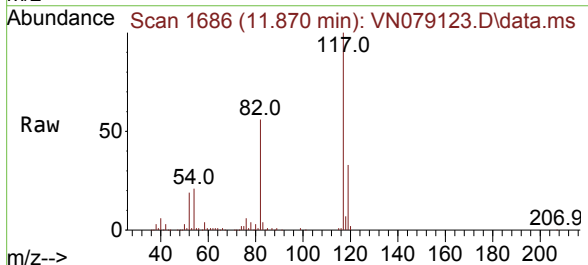
Instrument :
 MSVOA_N
 ClientSampleId :

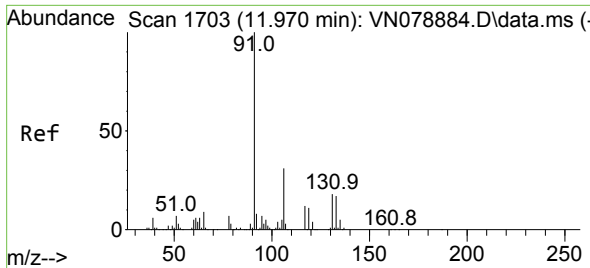
Tgt Ion:	95	Resp:	235474
Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	143.8
176	75.4	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN079123.D
 Acq: 01 Sep 2023 15:22

Tgt Ion:	117	Resp:	522169
Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.0	66.0
119	32.5	25.6	38.4

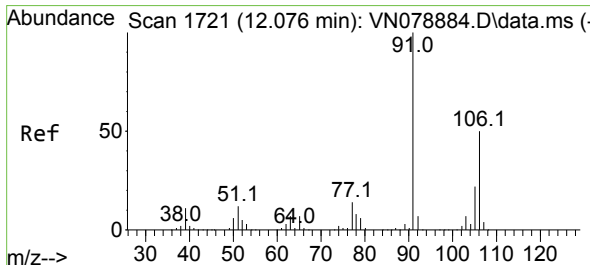
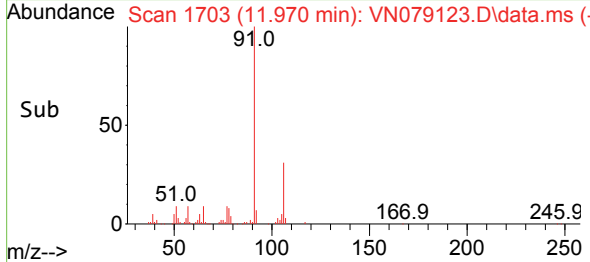
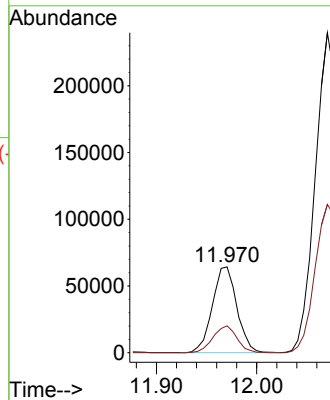
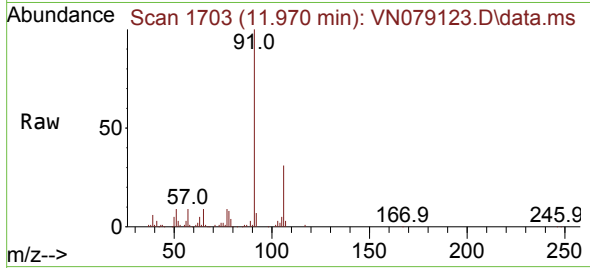




#67
Ethyl Benzene
Concen: 5.395 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

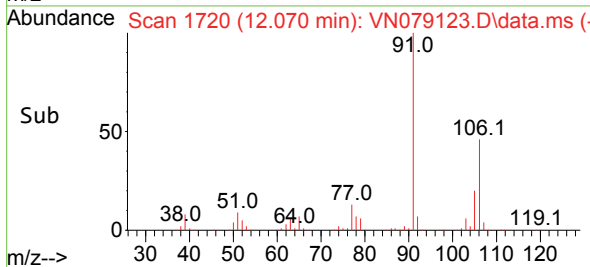
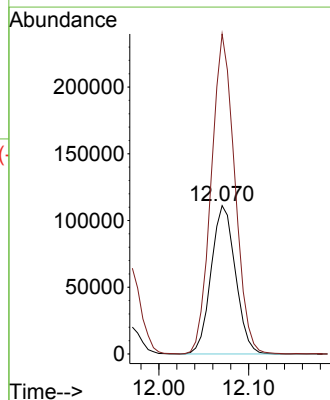
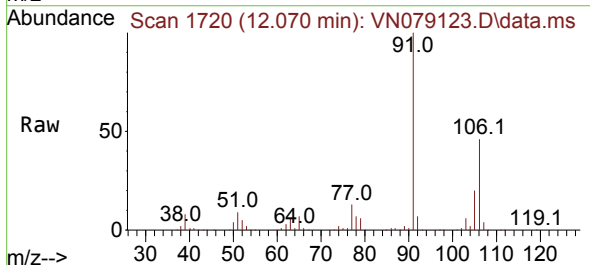
Instrument :
MSVOA_N
ClientSampleId :

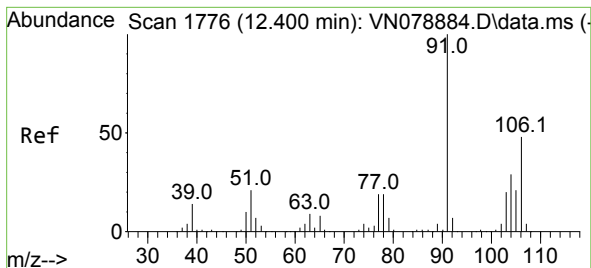
Tgt Ion: 91 Resp: 109046
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 27.643 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion:106 Resp: 208903
Ion Ratio Lower Upper
106 100
91 209.1 159.6 239.4





#69

o-Xylene

Concen: 16.750 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

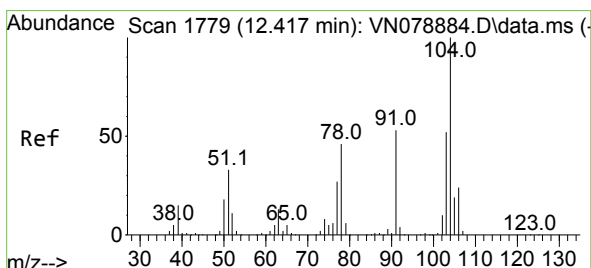
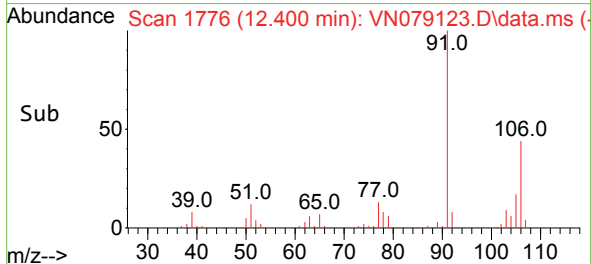
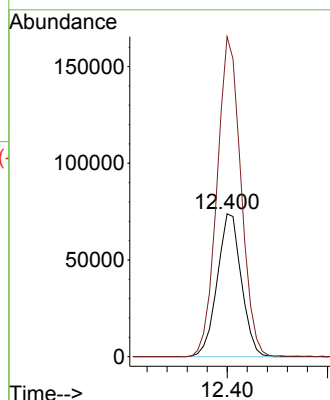
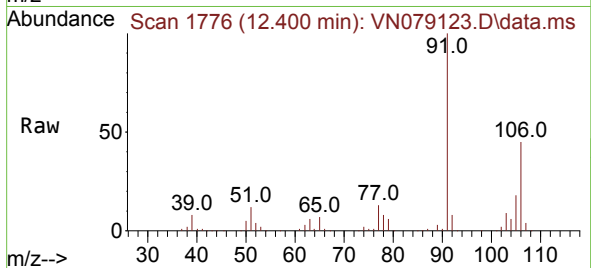
ClientSampleId :

Tgt Ion:106 Resp: 123137

Ion Ratio Lower Upper

106 100

91 222.4 105.2 315.5



#70

Styrene

Concen: 2.847 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

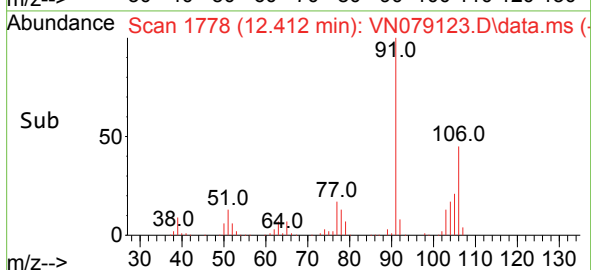
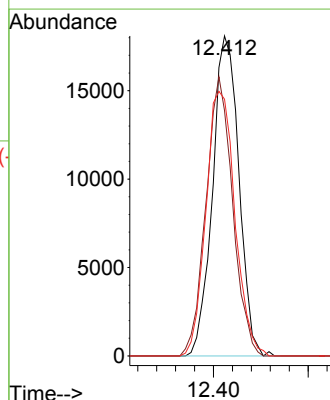
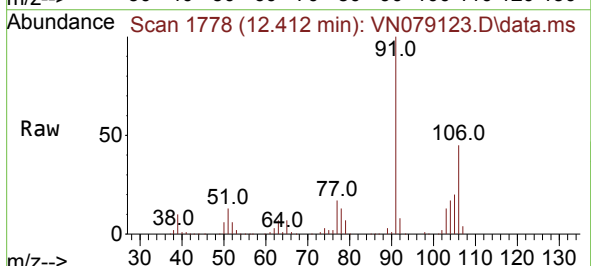
Tgt Ion:104 Resp: 34904

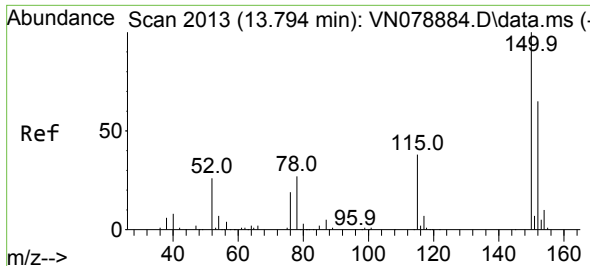
Ion Ratio Lower Upper

104 100

78 88.5 39.5 59.3#

103 91.2 43.2 64.8#

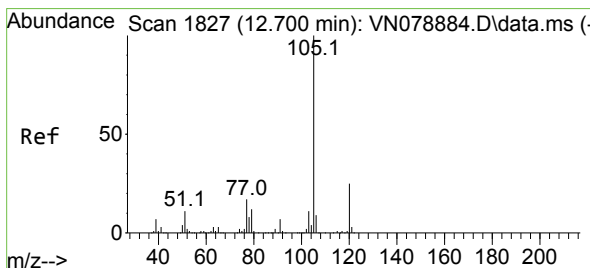
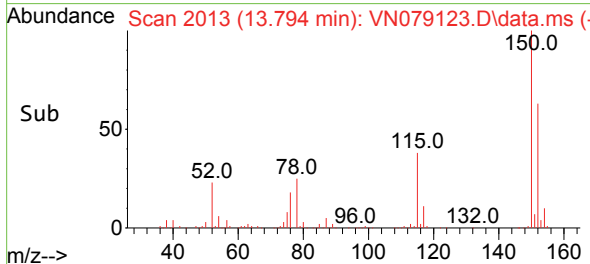
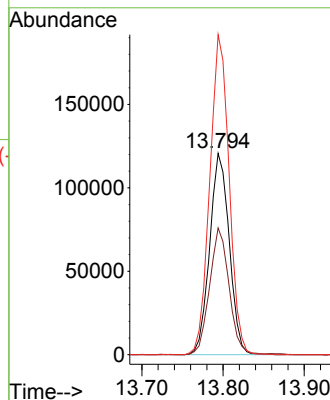
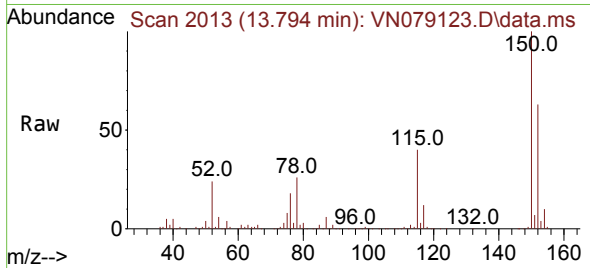




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

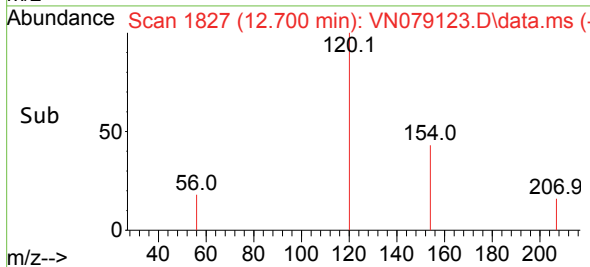
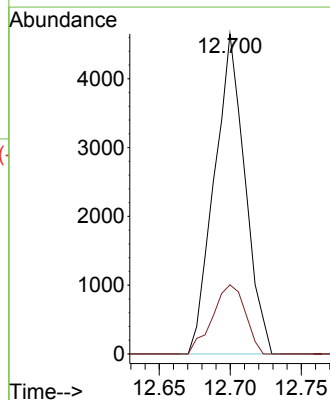
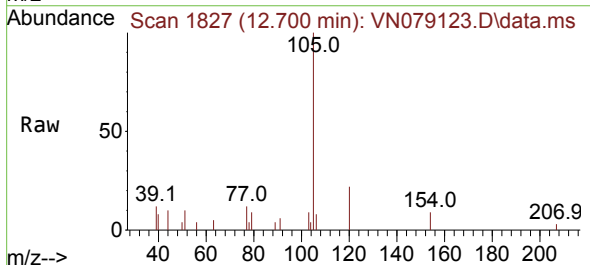
Instrument :
MSVOA_N
ClientSampleId :

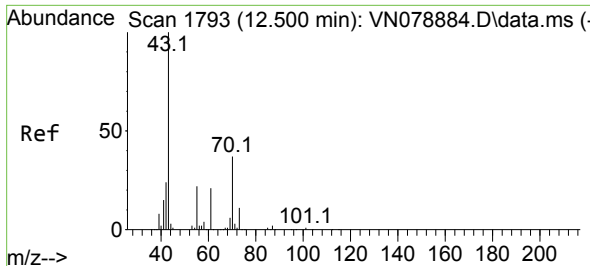
Tgt Ion:152 Resp: 201954
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 157.0 0.0 355.8



#73
Isopropylbenzene
Concen: 0.414 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

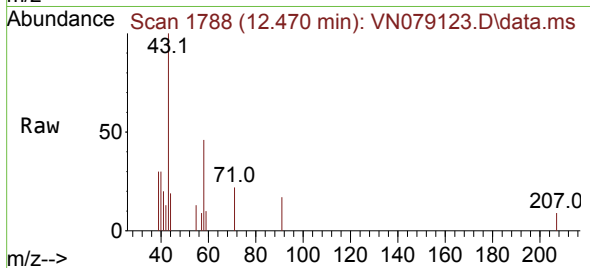
Tgt Ion:105 Resp: 6966
Ion Ratio Lower Upper
105 100
120 23.1 13.1 39.1



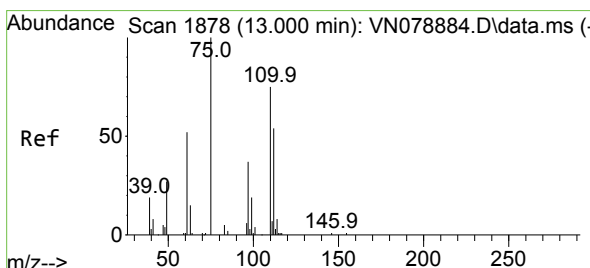
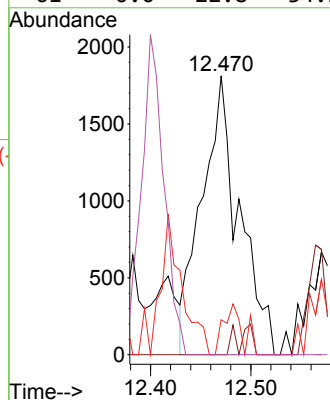
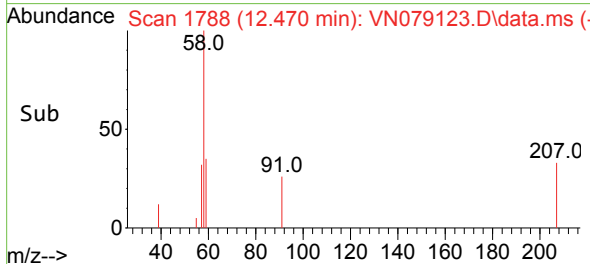


#74
N-amy1 acetate
Concen: 0.554 ug/l
RT: 12.470 min Scan# 1793
Delta R.T. -0.030 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Instrument :
MSVOA_N
ClientSampleId :

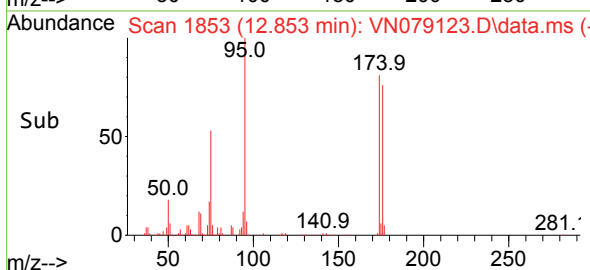
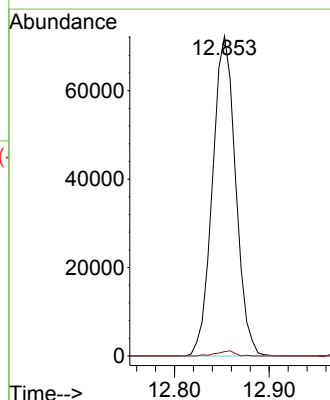
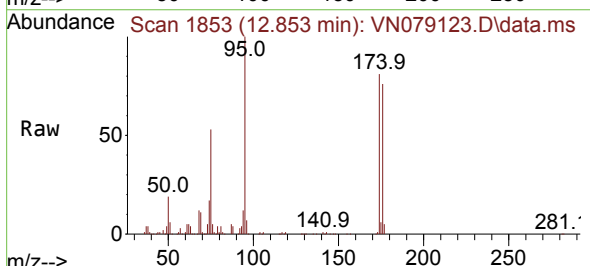


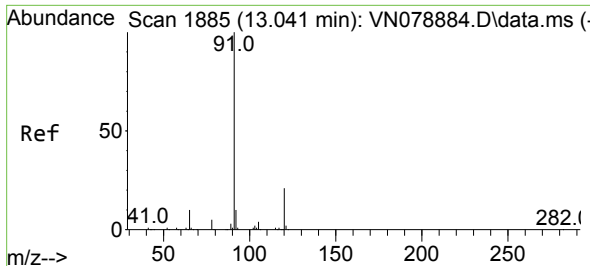
Tgt Ion:	43	Resp:	4710
Ion	Ratio	Lower	Upper
43	100		
70	1.4	43.4	65.2#
55	9.3	21.4	32.0#
61	0.0	22.8	34.2#



#76
1,2,3-Trichloropropane
Concen: 25.227 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion:	75	Resp:	122758
Ion	Ratio	Lower	Upper
75	100		
77	1.3	84.5	253.5#

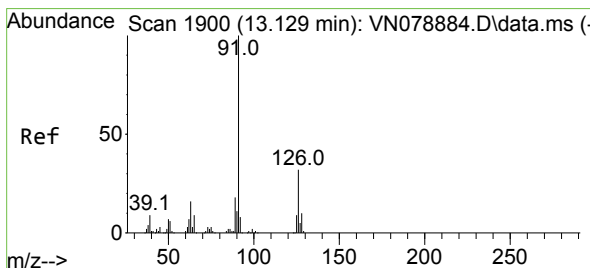
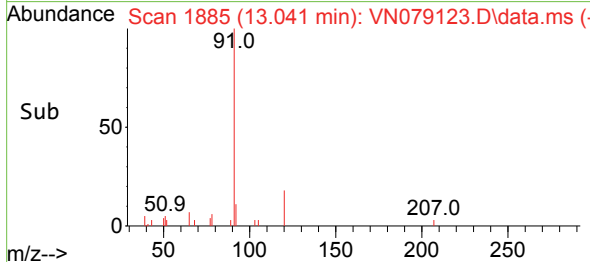
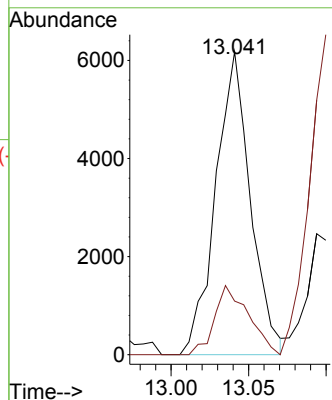
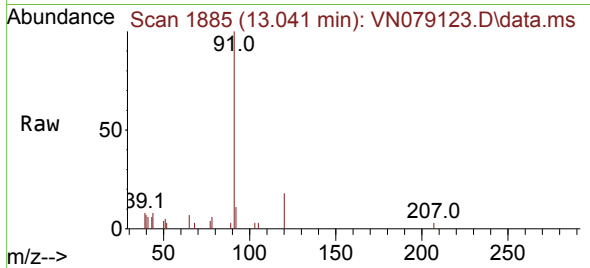




#78
n-propylbenzene
Concen: 0.492 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

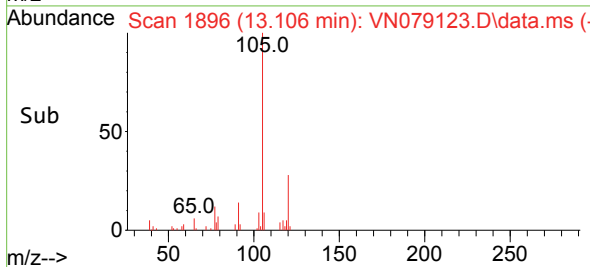
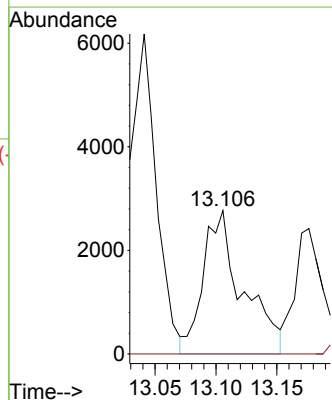
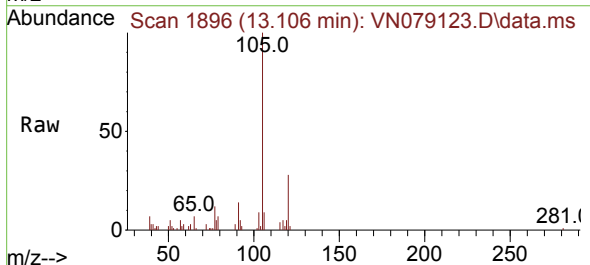
Instrument :
MSVOA_N
ClientSampleId :

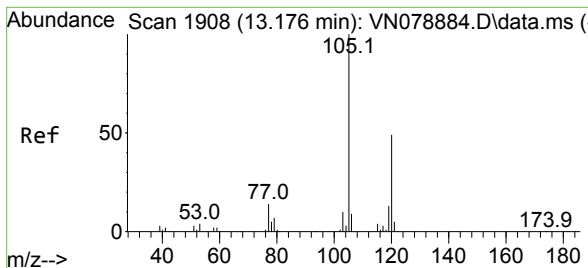
Tgt Ion: 91 Resp: 9616
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.515 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.023 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 91 Resp: 6234
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 2.298 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

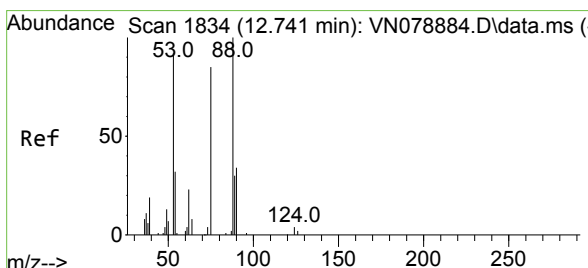
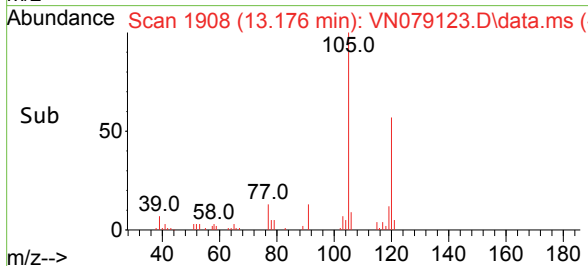
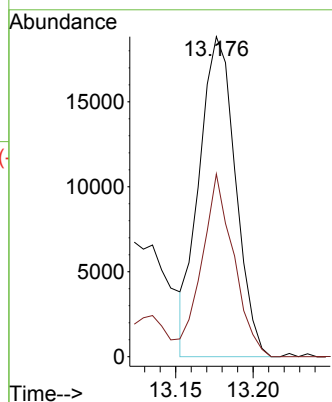
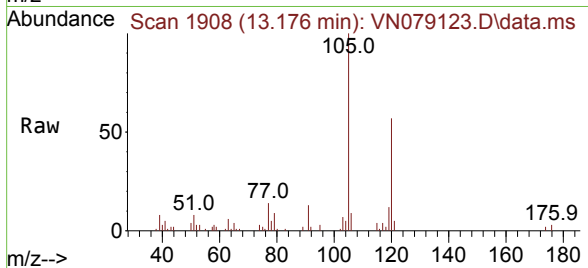
ClientSampleId :

Tgt Ion:105 Resp: 30662

Ion Ratio Lower Upper

105 100

120 50.7 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 64.444 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

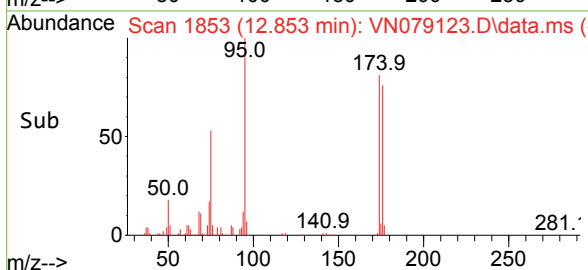
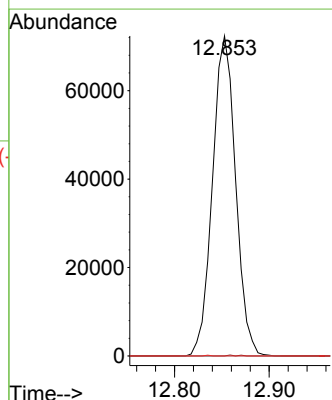
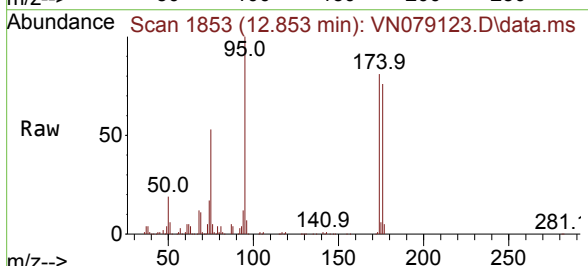
Tgt Ion: 75 Resp: 122758

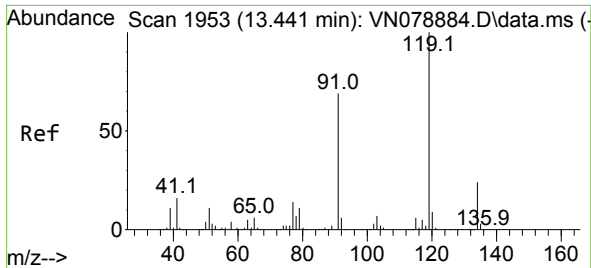
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#

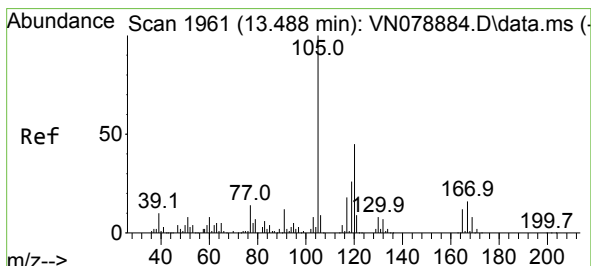
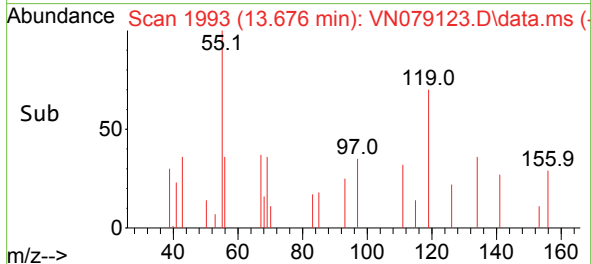
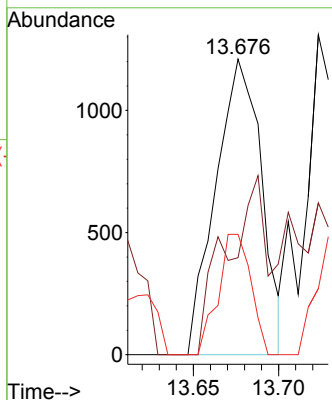
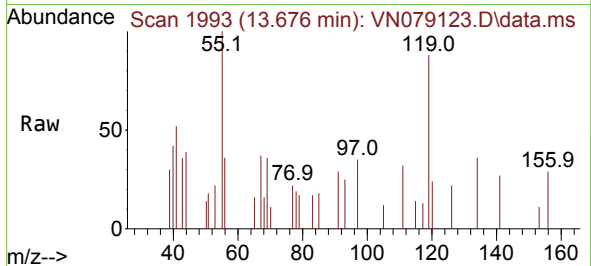




#83
 tert-Butylbenzene
 Concen: 0.202 ug/l
 RT: 13.676 min Scan# 1993
 Delta R.T. 0.235 min
 Lab File: VN079123.D
 Acq: 01 Sep 2023 15:22

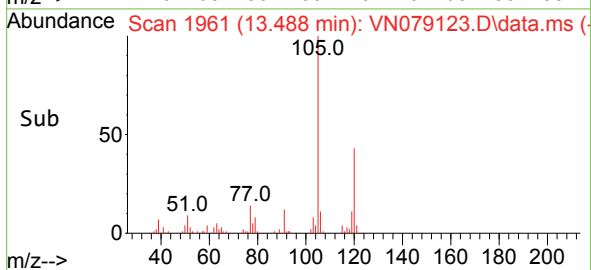
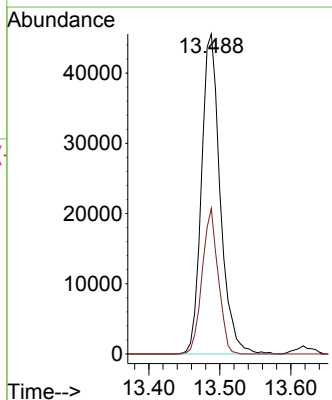
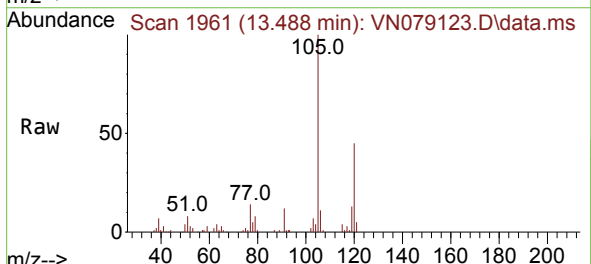
Instrument :
 MSVOA_N
 ClientSampleId :

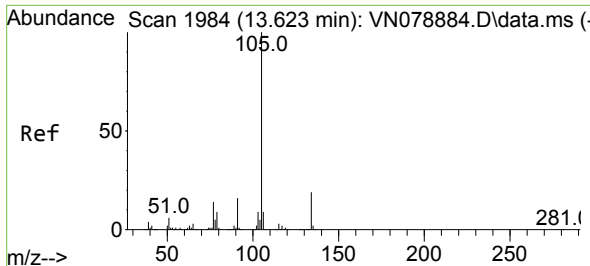
Tgt Ion:119 Resp: 2266
 Ion Ratio Lower Upper
 119 100
 91 56.7 33.9 101.7
 134 29.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 6.324 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN079123.D
 Acq: 01 Sep 2023 15:22

Tgt Ion:105 Resp: 83565
 Ion Ratio Lower Upper
 105 100
 120 39.1 22.0 66.0

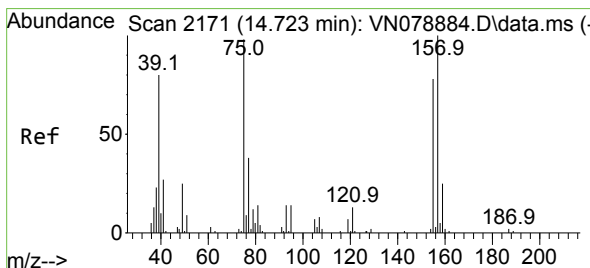
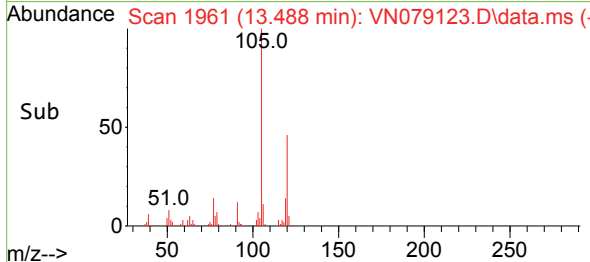
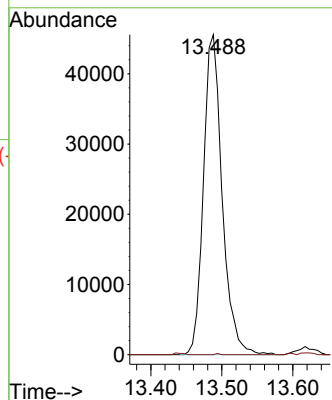
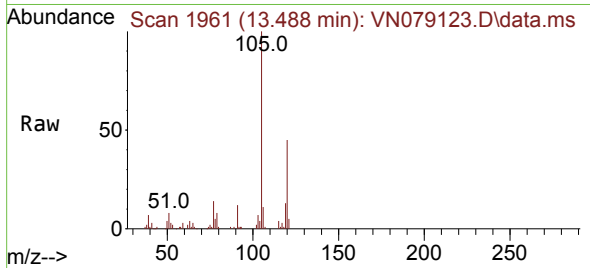




#85
 sec-Butylbenzene
 Concen: 5.416 ug/l
 RT: 13.488 min Scan# 1984
 Delta R.T. -0.135 min
 Lab File: VN079123.D
 Acq: 01 Sep 2023 15:22

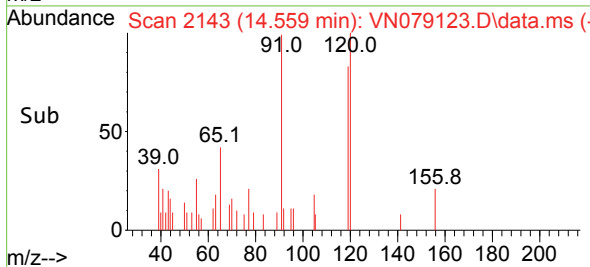
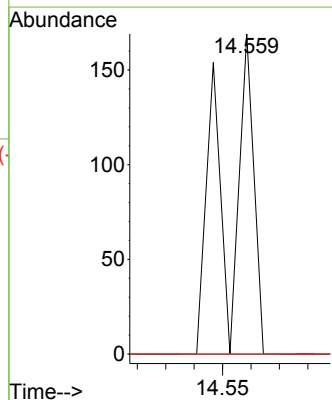
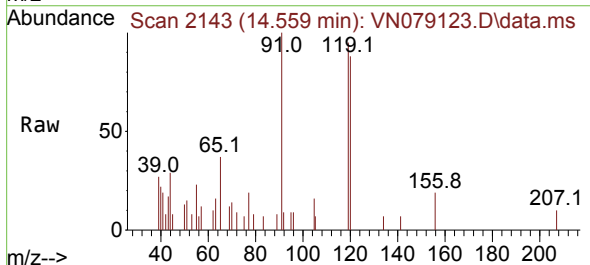
Instrument :
 MSVOA_N
 ClientSampleId :

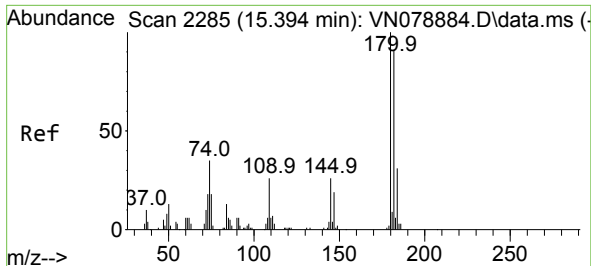
Tgt Ion:105 Resp: 83565
 Ion Ratio Lower Upper
 105 100
 134 0.1 9.8 29.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.559 min Scan# 2143
 Delta R.T. -0.165 min
 Lab File: VN079123.D
 Acq: 01 Sep 2023 15:22

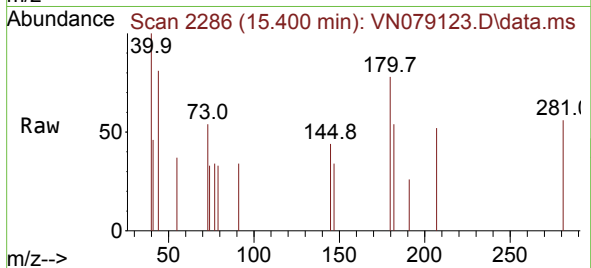
Tgt Ion: 75 Resp: 114
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 0.0 50.3 150.9#



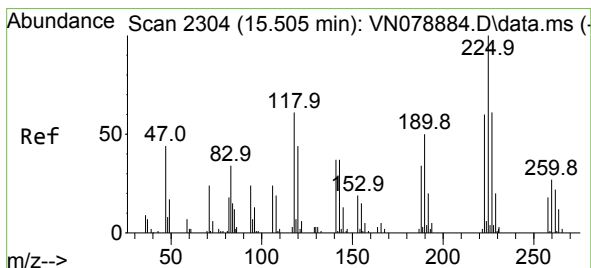
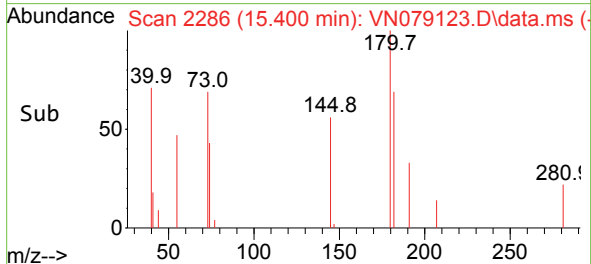
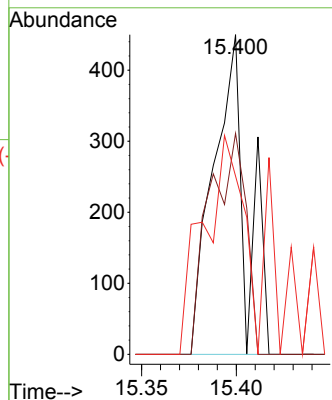


#93
1,2,4-Trichlorobenzene
Concen: 0.221 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Instrument :
MSVOA_N
ClientSampleId :

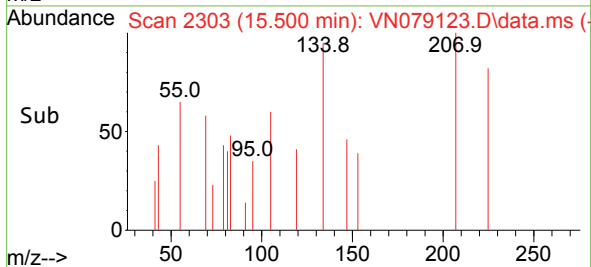
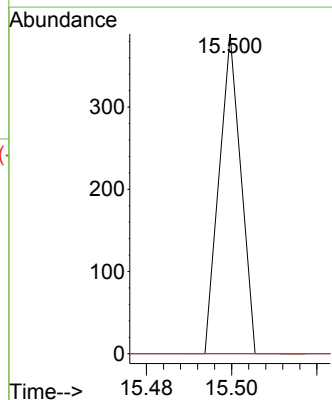
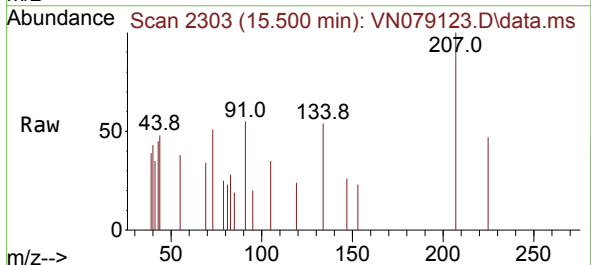


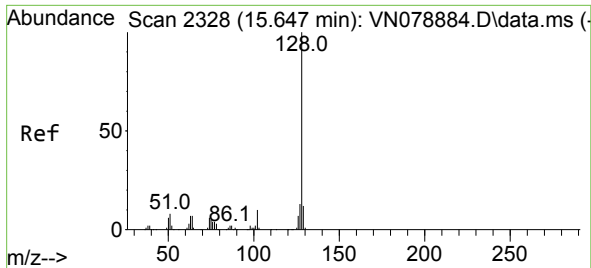
Tgt Ion:180 Resp: 542
Ion Ratio Lower Upper
180 100
182 76.6 46.1 138.2
145 83.2 16.6 49.8#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

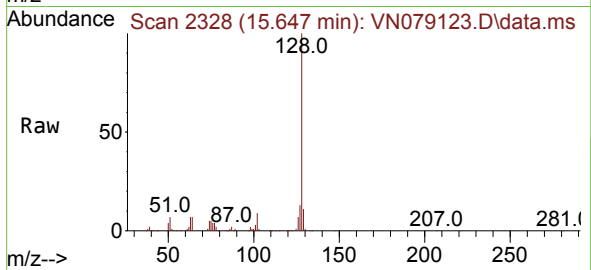
Tgt Ion:225 Resp: 137
Ion Ratio Lower Upper
225 100
223 0.0 31.3 93.8#
227 0.0 31.9 95.9#





#95
Naphthalene
Concen: 48.991 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 455430
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.8 8.7 13.1

