

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079131.D
 Acq On : 01 Sep 2023 18:35
 Operator : JC\MD
 Sample : 04232-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 23:19:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	299270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	555587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	522193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214632	46.089	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.180%		
35) Dibromofluoromethane	8.171	113	186689	49.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	10.571	98	669720	48.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.460%		
62) 4-Bromofluorobenzene	12.853	95	241030	53.102	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	1113	1.424	ug/l #	72
16) Acetone	4.436	43	38076	19.816	ug/l	92
17) Carbon Disulfide	4.724	76	17297	1.923	ug/l #	89
18) Methyl Acetate	5.042	43	5154	0.635	ug/l #	84
20) Methylene Chloride	5.283	84	19335	4.722	ug/l	89
25) 2-Butanone	7.494	43	30727	9.974	ug/l #	85
26) 2,2-Dichloropropane	7.341	77	1503	0.252	ug/l #	53
29) Tetrahydrofuran	7.853	42	900	0.441	ug/l #	45
31) Cyclohexane	8.265	56	18396	0.555	ug/l	90
36) 1,1-Dichloropropene	8.224	75	25187	4.477	ug/l #	46
37) Ethyl Acetate	7.577	43	5774	0.917	ug/l #	72
38) Carbon Tetrachloride	8.230	117	30935	5.488	ug/l #	16
39) Methylcyclohexane	9.600	83	7724	1.493	ug/l #	84
40) Benzene	8.612	78	1010503	60.769	ug/l	99
42) 1,2-Dichloroethane	8.694	62	1341	0.216	ug/l #	73
43) Isopropyl Acetate	8.694	43	240059	21.577	ug/l #	78
45) 1,2-Dichloropropane	9.753	63	2142	0.484	ug/l #	45
48) Methyl methacrylate	9.665	41	7464	1.481	ug/l #	26
49) 1,4-Dioxane	9.694	88	163	1.898	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	85181	12.909	ug/l	88
52) Toluene	10.635	92	648881	63.558	ug/l	98
53) t-1,3-Dichloropropene	10.741	75	2961	0.460	ug/l #	80
54) cis-1,3-Dichloropropene	10.365	75	65480	9.350	ug/l #	65
57) 1,3-Dichloropropane	11.206	76	7060	0.964	ug/l #	42
59) 2-Hexanone	11.176	43	155051	32.442	ug/l #	19
67) Ethyl Benzene	11.971	91	106453	5.266	ug/l	98
68) m/p-Xylenes	12.070	106	195632	25.885	ug/l	94
69) o-Xylene	12.406	106	108846	14.805	ug/l	93
70) Styrene	12.412	104	18925	1.544	ug/l #	7
71) Bromoform	12.853	173	1322	0.433	ug/l #	1
73) Isopropylbenzene	12.700	105	7931	0.448	ug/l	98
74) N-amyl acetate	12.465	43	5151	0.576	ug/l #	38
76) 1,2,3-Trichloropropane	12.853	75	125565	24.531	ug/l #	1
78) n-propylbenzene	13.041	91	9887	0.481	ug/l	98
79) 2-Chlorotoluene	13.100	91	6091	0.478	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	29622	2.110	ug/l	95

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

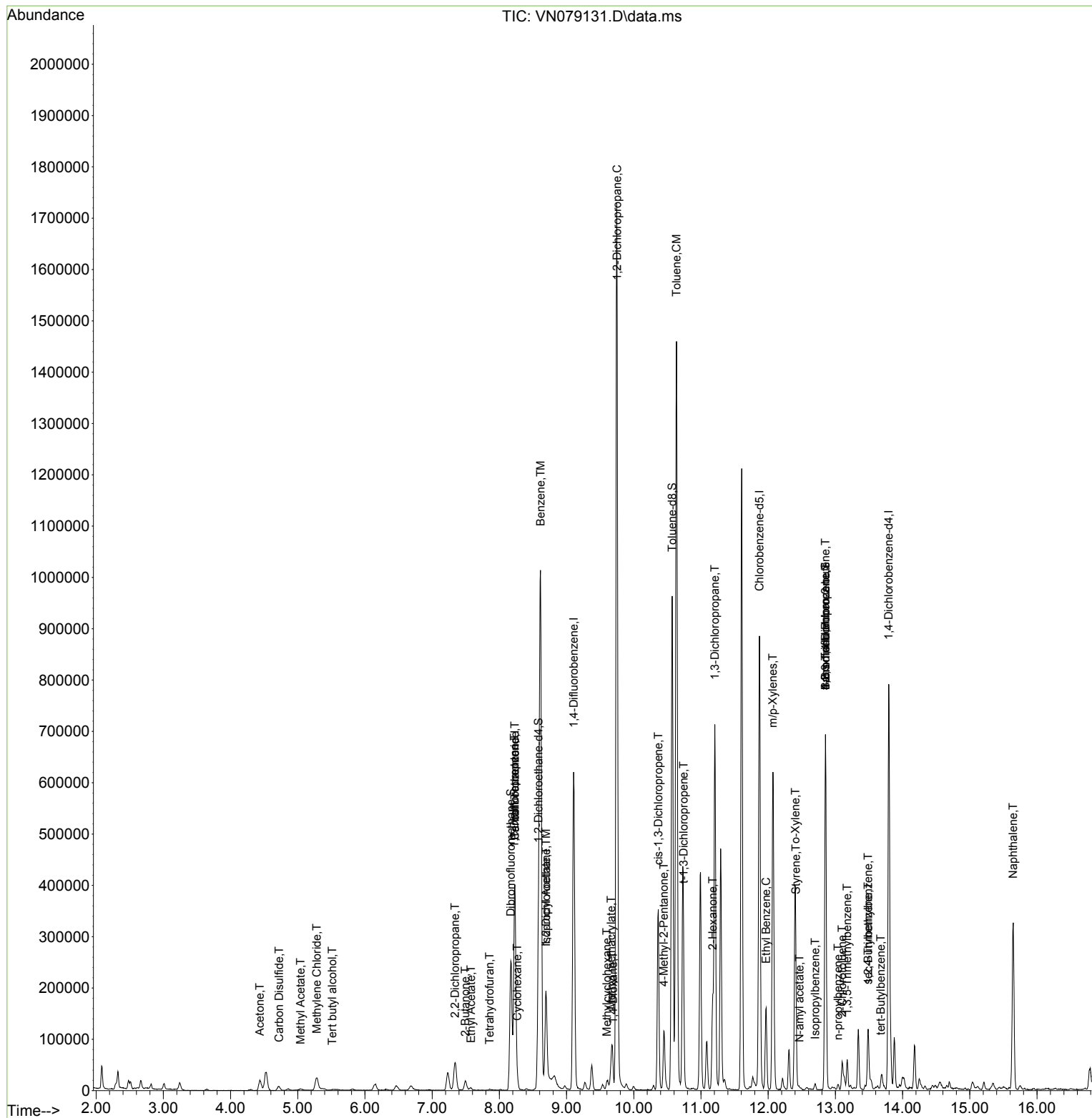
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.853	75	125565	62.666	ug/l #	15
83) tert-Butylbenzene	13.676	119	2630	0.223	ug/l	78
84) 1,2,4-Trimethylbenzene	13.488	105	71553	5.148	ug/l	95
85) sec-Butylbenzene	13.488	105	71553	4.408	ug/l #	57
92) 1,2-Dibromo-3-Chloropr...	14.676	75	58	Below Cal	#	4
95) Naphthalene	15.647	128	303773	32.007	ug/l	100

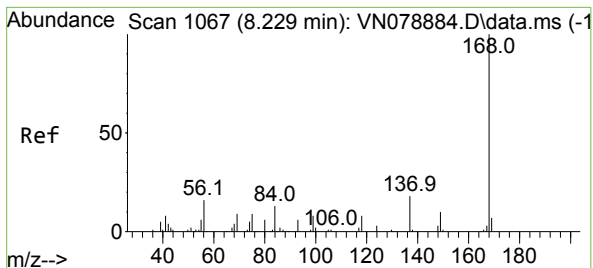
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079131.D

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Instrument :

MSVOA_N

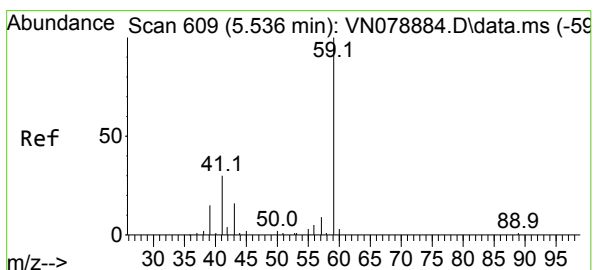
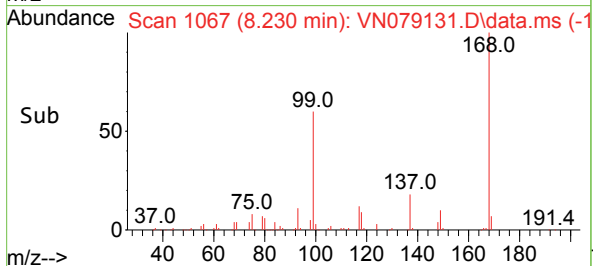
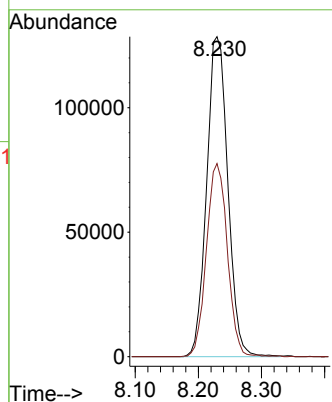
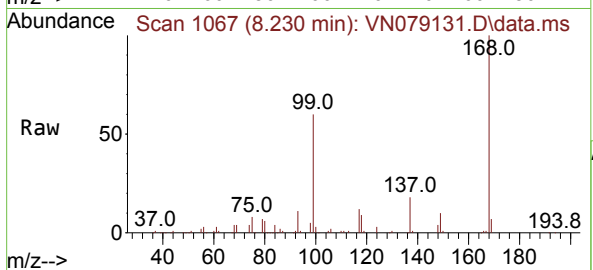
ClientSampleId :

Tgt Ion:168 Resp: 299270

Ion Ratio Lower Upper

168 100

99 60.4 53.0 79.6



#11

Tert butyl alcohol

Concen: 1.424 ug/l

RT: 5.512 min Scan# 605

Delta R.T. -0.030 min

Lab File: VN079131.D

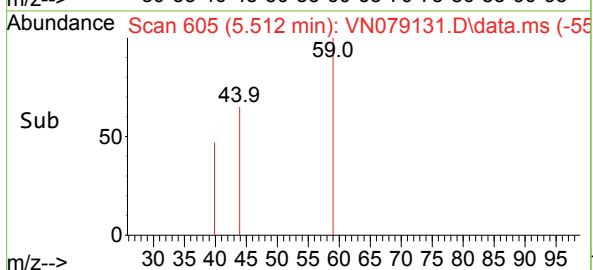
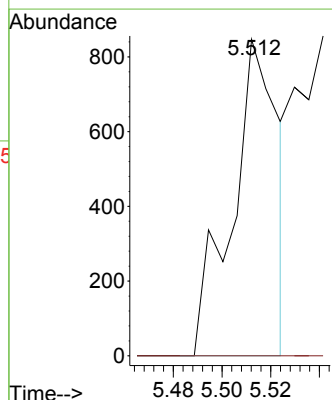
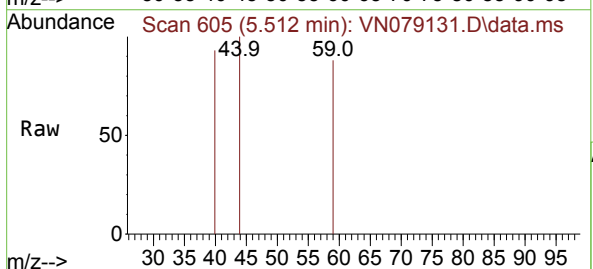
Acq: 01 Sep 2023 18:35

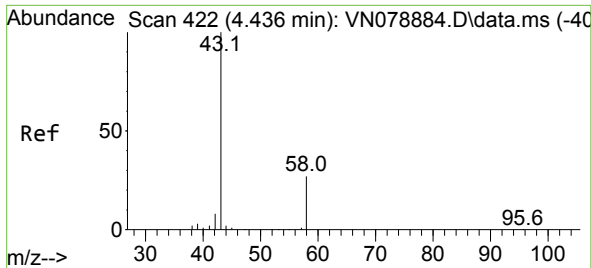
Tgt Ion: 59 Resp: 1113

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#





#16

Acetone

Concen: 19.816 ug/l

RT: 4.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

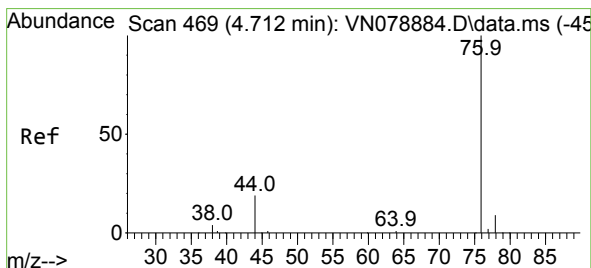
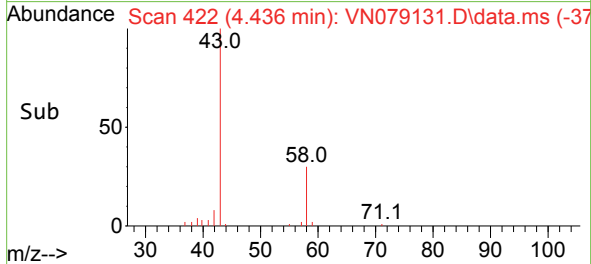
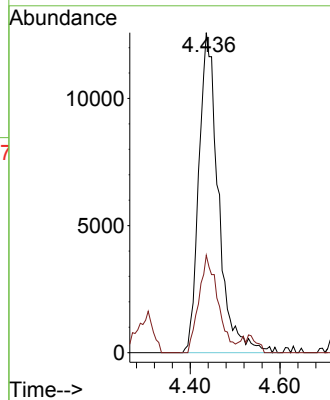
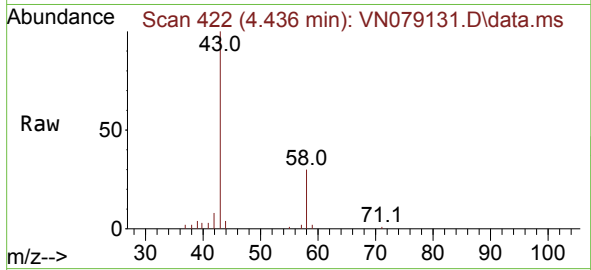
ClientSampleId :

Tgt Ion: 43 Resp: 38076

Ion Ratio Lower Upper

43 100

58 30.4 28.0 42.0



#17

Carbon Disulfide

Concen: 1.923 ug/l

RT: 4.724 min Scan# 471

Delta R.T. -0.000 min

Lab File: VN079131.D

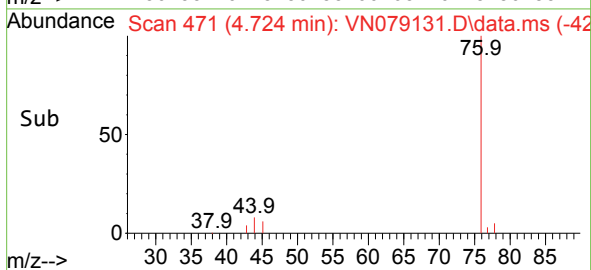
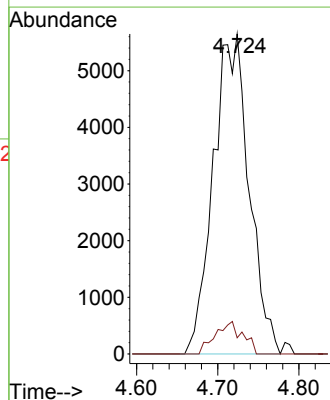
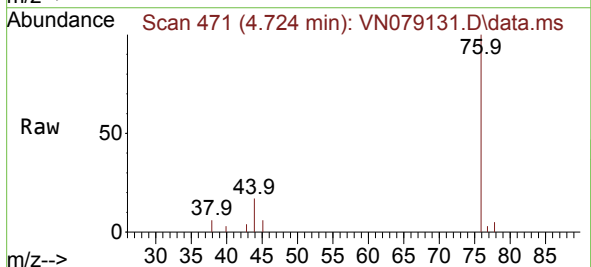
Acq: 01 Sep 2023 18:35

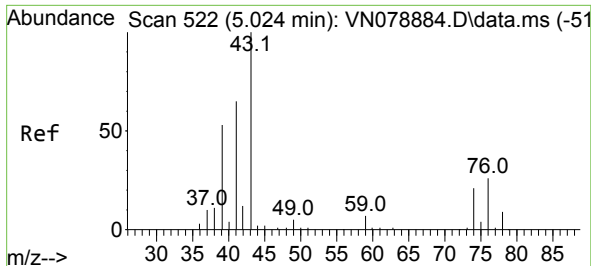
Tgt Ion: 76 Resp: 17297

Ion Ratio Lower Upper

76 100

78 5.1 7.4 11.0#

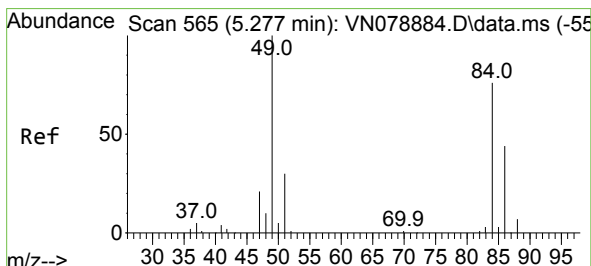
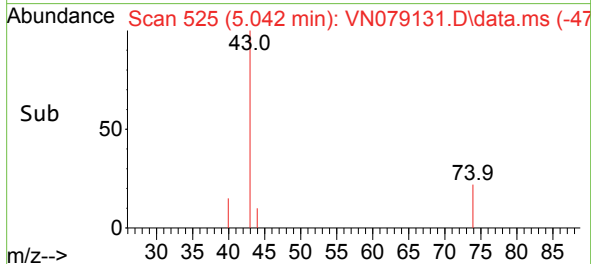
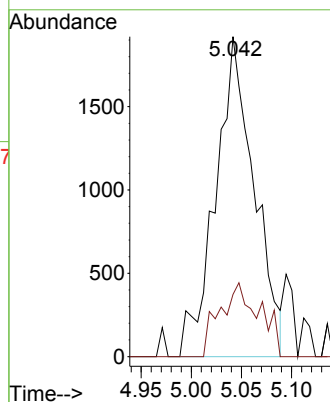
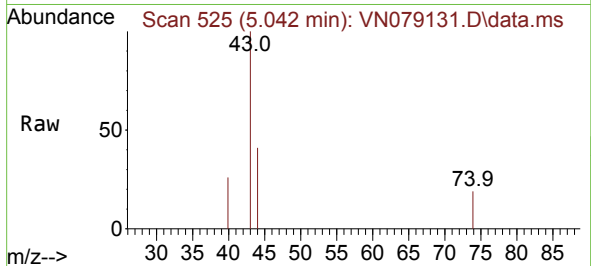




#18
Methyl Acetate
Concen: 0.635 ug/l
RT: 5.042 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

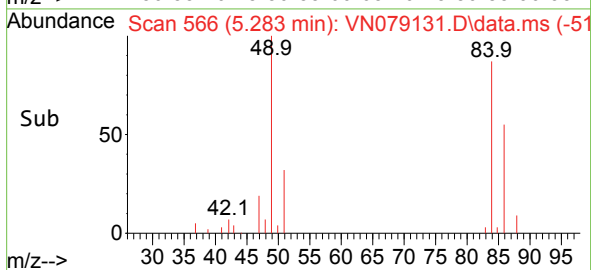
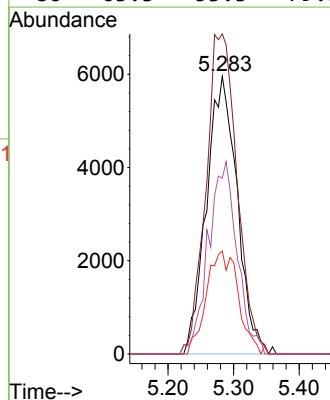
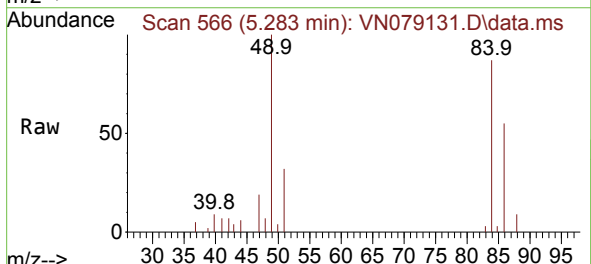
Instrument :
MSVOA_N
ClientSampleId :

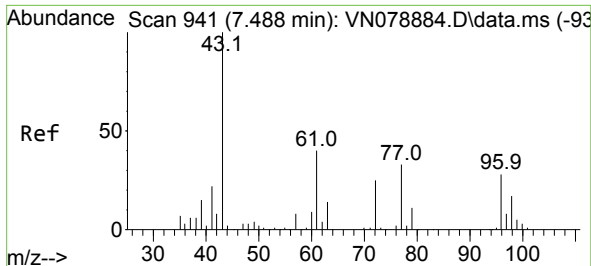
Tgt Ion: 43 Resp: 5154
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#



#20
Methylene Chloride
Concen: 4.722 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 84 Resp: 19335
Ion Ratio Lower Upper
84 100
49 115.3 79.7 119.5
51 37.1 25.2 37.8
86 63.3 53.3 79.9





#25

2-Butanone

Concen: 9.974 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

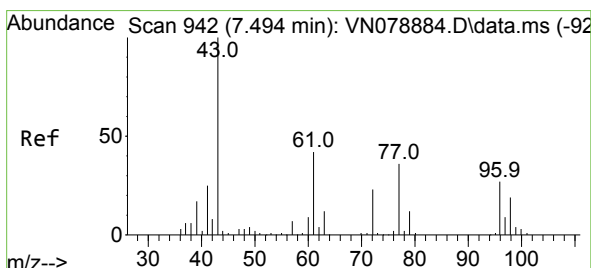
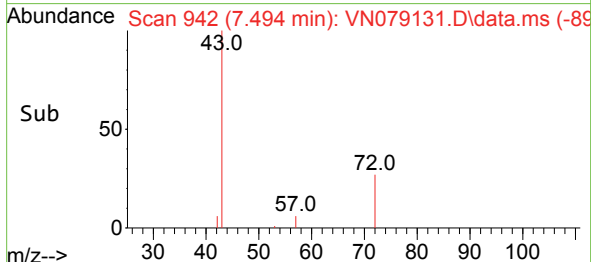
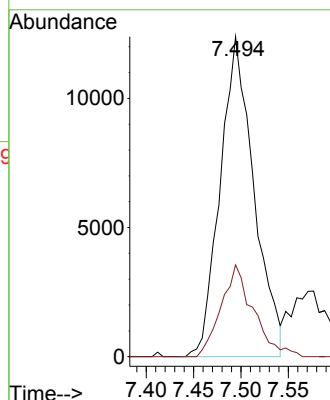
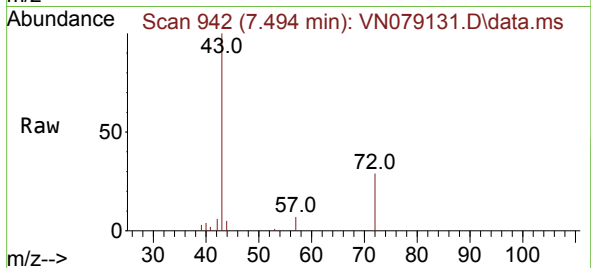
ClientSampleId :

Tgt Ion: 43 Resp: 30727

Ion Ratio Lower Upper

43 100

72 28.7 30.2 45.2#



#26

2,2-Dichloropropane

Concen: 0.252 ug/l

RT: 7.341 min Scan# 916

Delta R.T. -0.159 min

Lab File: VN079131.D

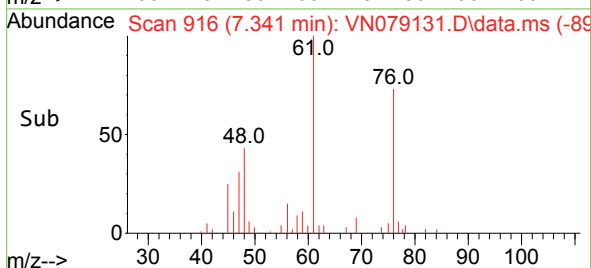
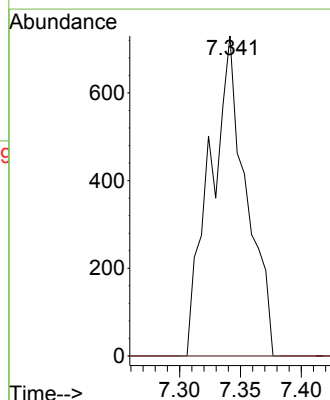
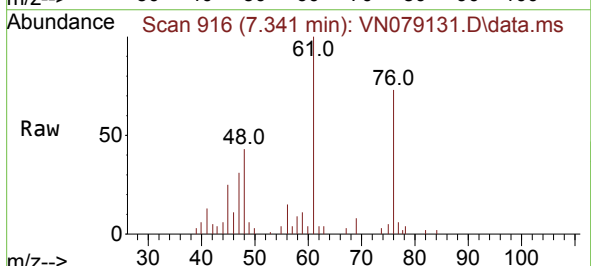
Acq: 01 Sep 2023 18:35

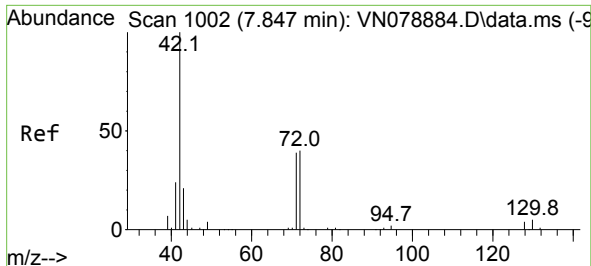
Tgt Ion: 77 Resp: 1503

Ion Ratio Lower Upper

77 100

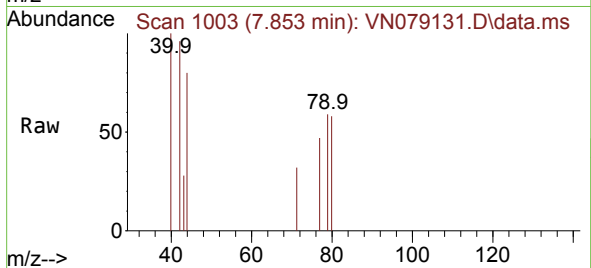
97 0.0 11.2 33.6#



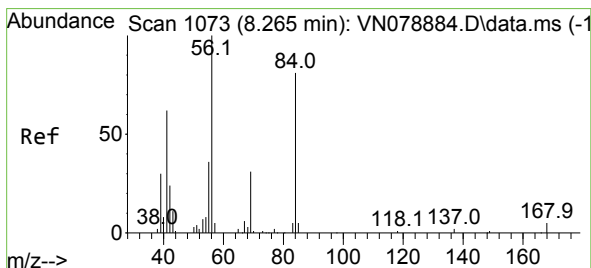
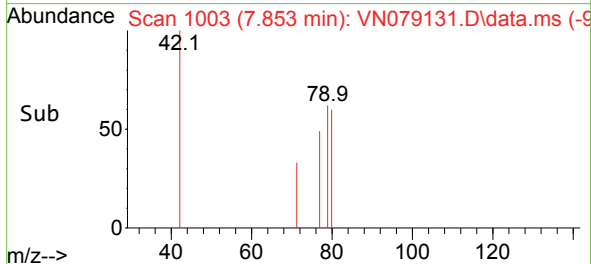
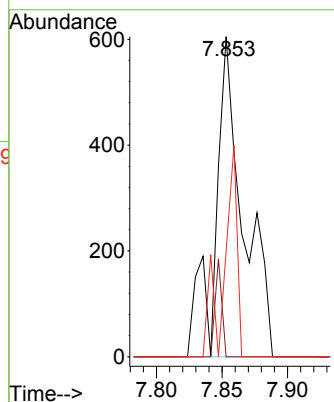


#29
Tetrahydrofuran
Concen: 0.441 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Instrument :
MSVOA_N
ClientSampleId :

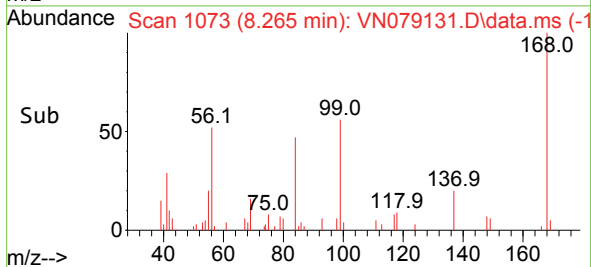
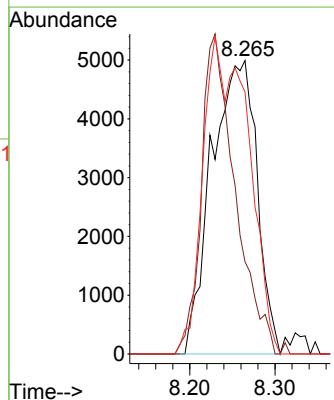
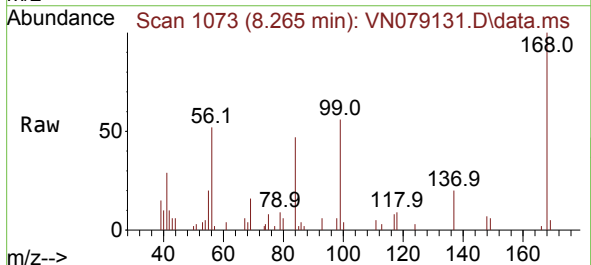


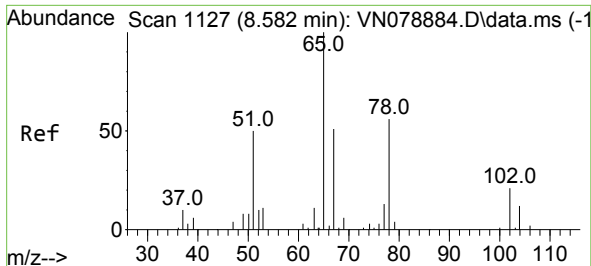
Tgt Ion: 42 Resp: 900
Ion Ratio Lower Upper
42 100
72 7.2 49.8 74.6#
71 31.1 47.4 71.2#



#31
Cyclohexane
Concen: 0.555 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 56 Resp: 18396
Ion Ratio Lower Upper
56 100
69 31.4 26.8 40.2
84 89.3 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 46.089 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

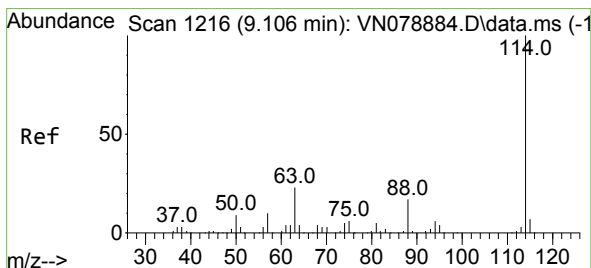
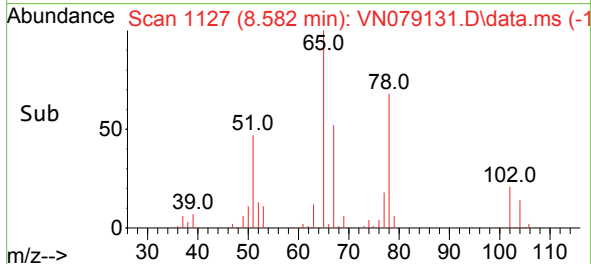
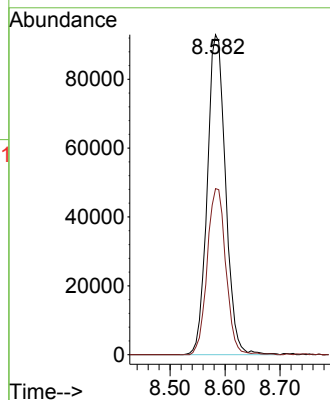
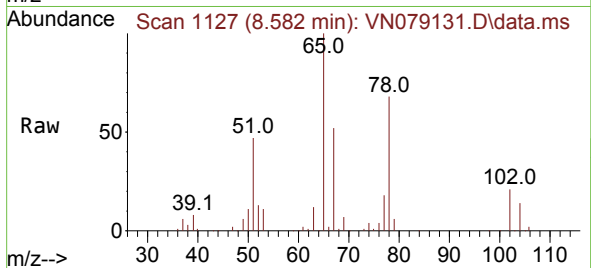
ClientSampleId :

Tgt Ion: 65 Resp: 214632

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

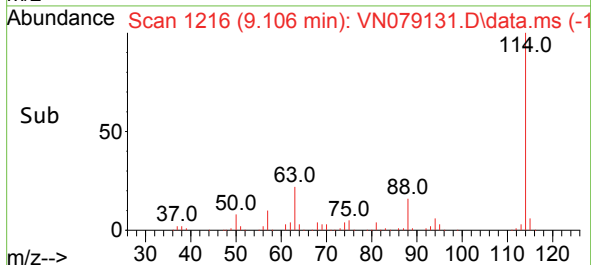
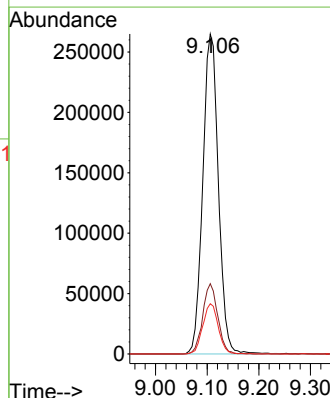
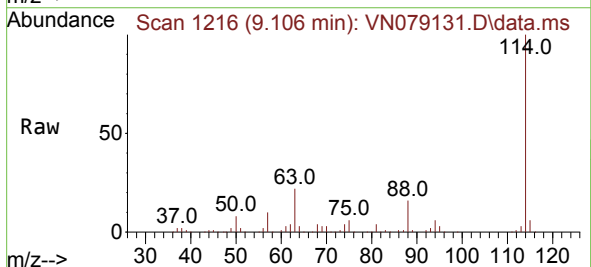
Tgt Ion: 114 Resp: 555587

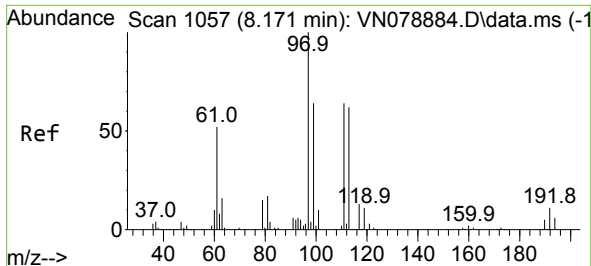
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

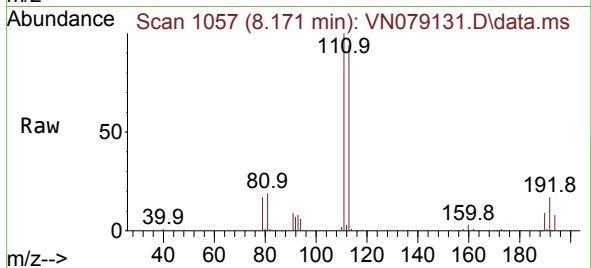
88 15.7 0.0 30.6



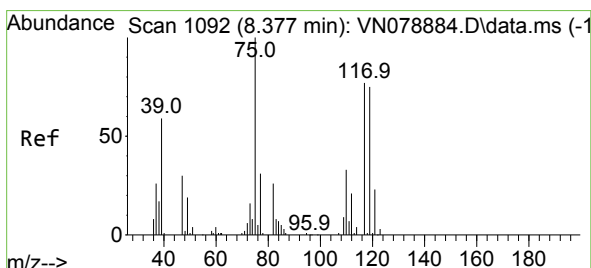
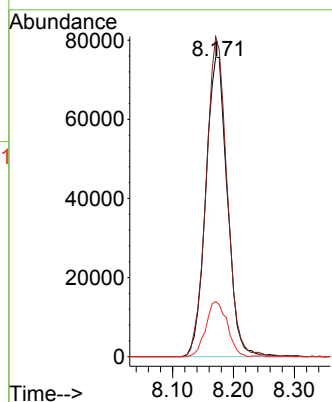
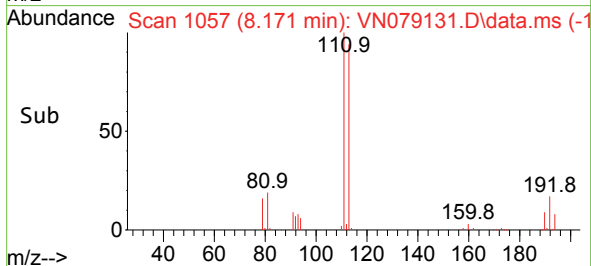


#35
Dibromofluoromethane
Concen: 49.918 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Instrument :
MSVOA_N
ClientSampleId :

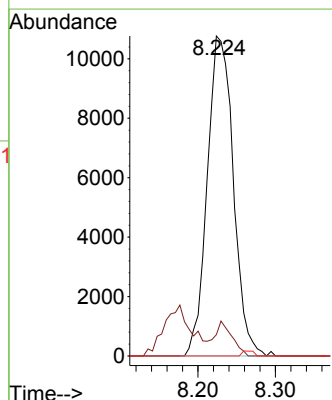
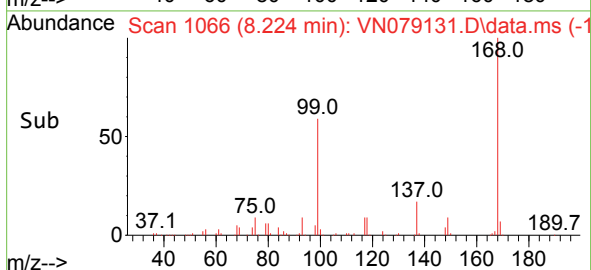
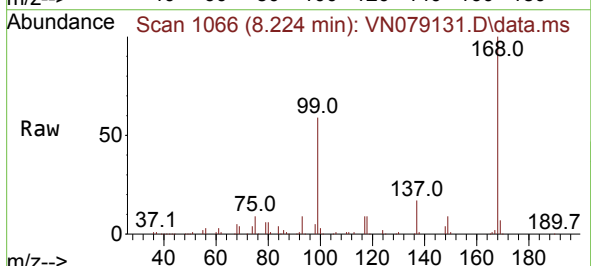


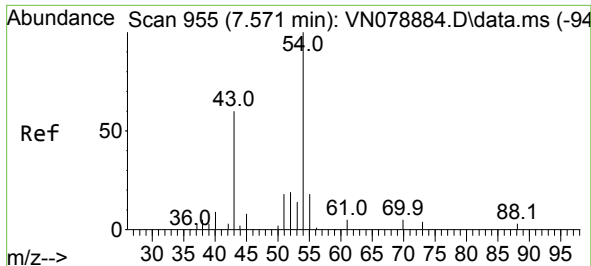
Tgt Ion:113 Resp: 186689
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 18.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.477 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 75 Resp: 25187
Ion Ratio Lower Upper
75 100
110 7.2 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.917 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

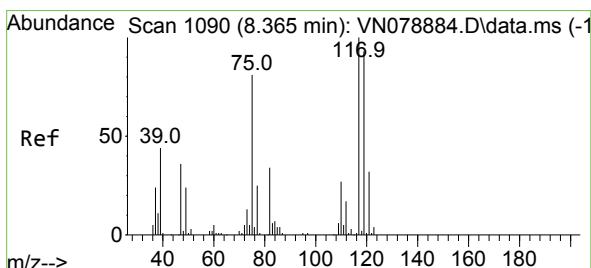
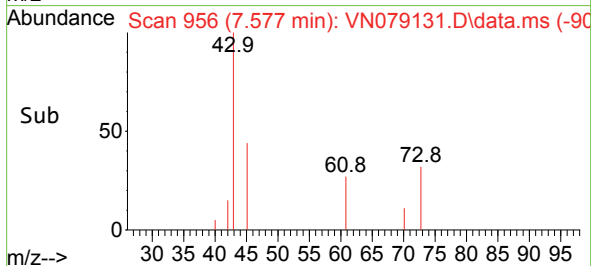
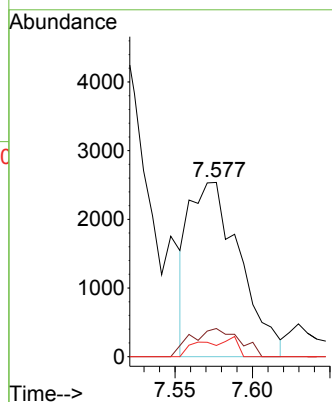
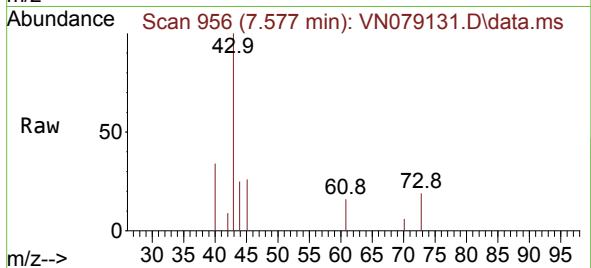
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 5774

Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.2	19.8#
70	7.8	11.3	16.9#



#38

Carbon Tetrachloride

Concen: 5.488 ug/l

RT: 8.230 min Scan# 1067

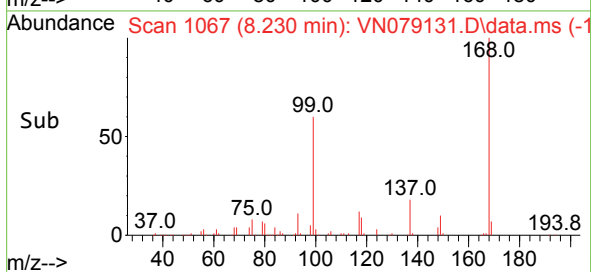
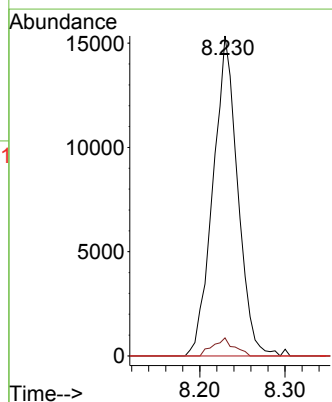
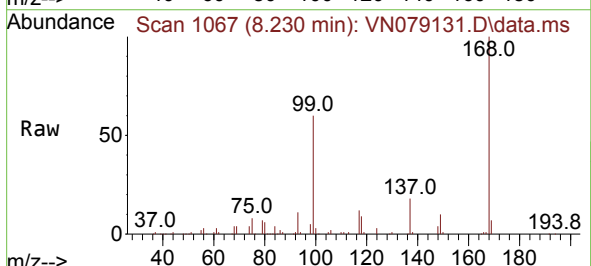
Delta R.T. -0.141 min

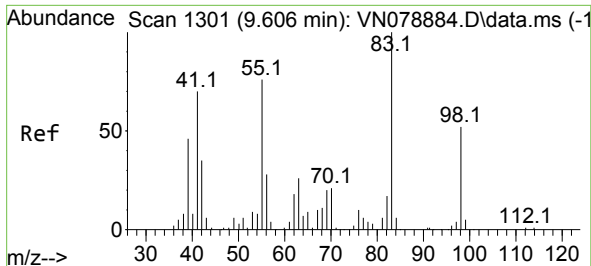
Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Tgt Ion: 117 Resp: 30935

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.3	115.9#
121	0.0	23.3	34.9#





#39

Methylcyclohexane

Concen: 1.493 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

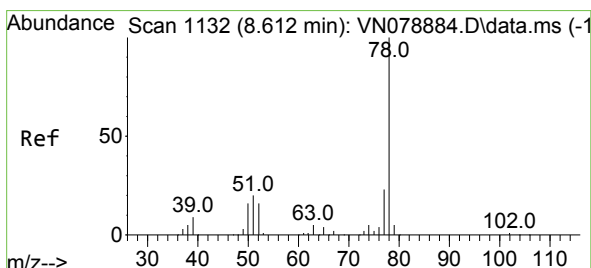
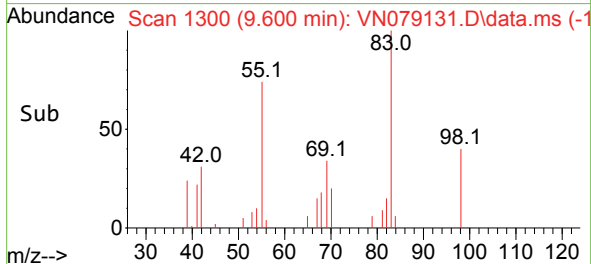
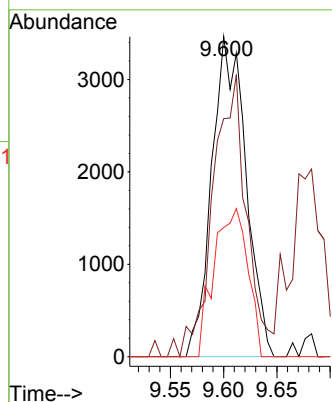
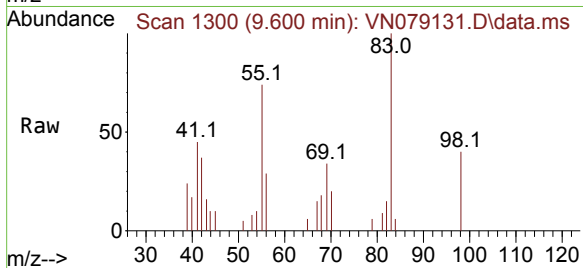
Tgt Ion: 83 Resp: 7724

Ion Ratio Lower Upper

83 100

55 74.4 49.1 73.7#

98 40.3 40.6 61.0#



#40

Benzene

Concen: 60.769 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079131.D

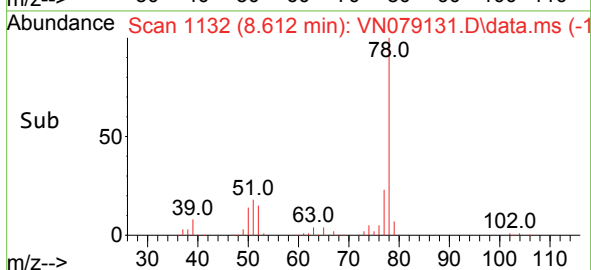
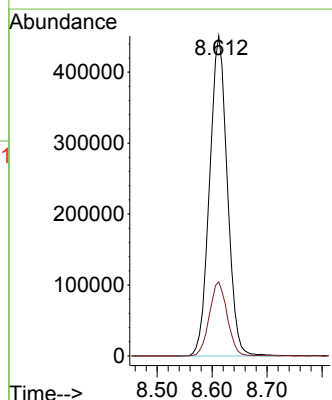
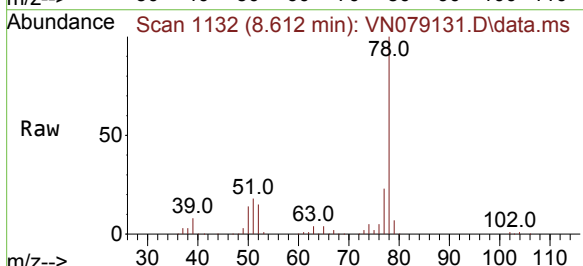
Acq: 01 Sep 2023 18:35

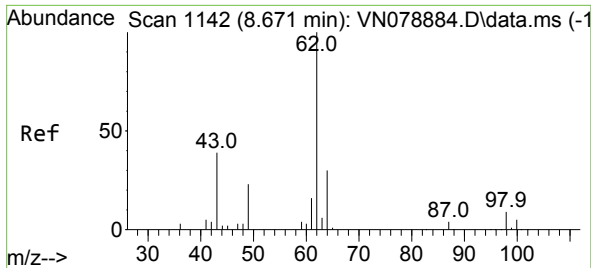
Tgt Ion: 78 Resp: 1010503

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.216 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.017 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

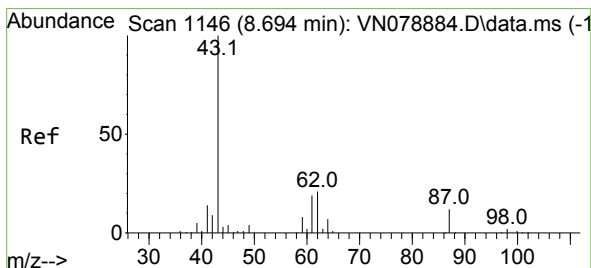
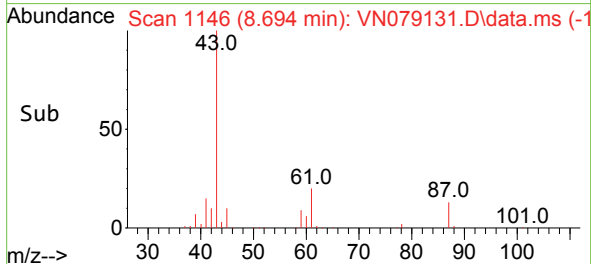
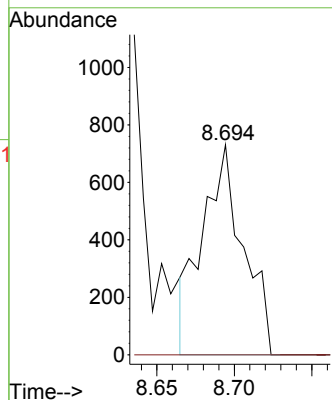
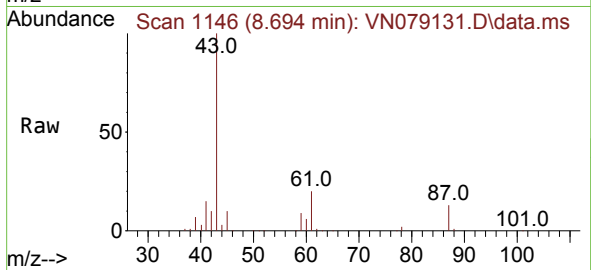
ClientSampleId :

Tgt Ion: 62 Resp: 1341

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 21.577 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

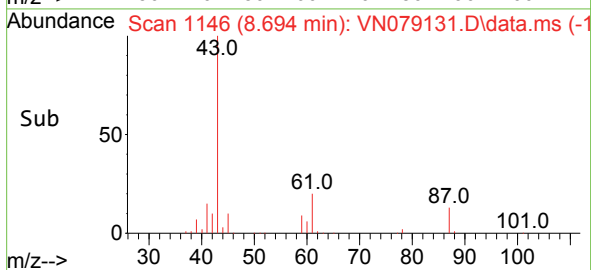
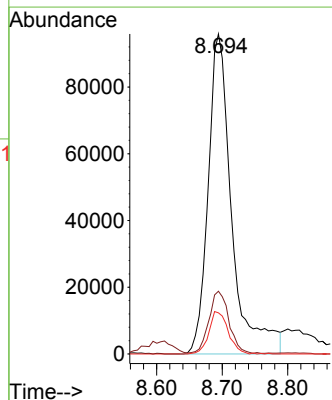
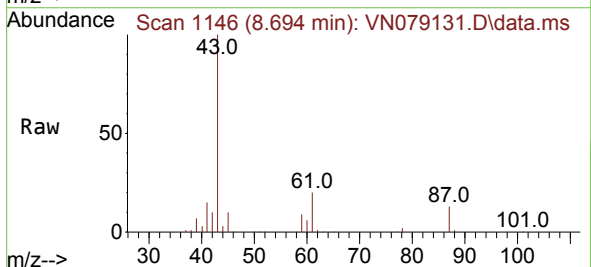
Tgt Ion: 43 Resp: 240059

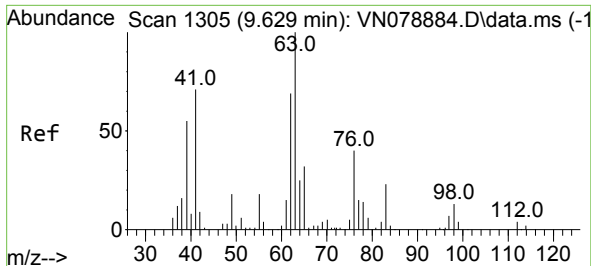
Ion Ratio Lower Upper

43 100

61 16.8 24.7 37.1#

87 10.8 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.484 ug/l

RT: 9.753 min Scan# 1326

Delta R.T. 0.129 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

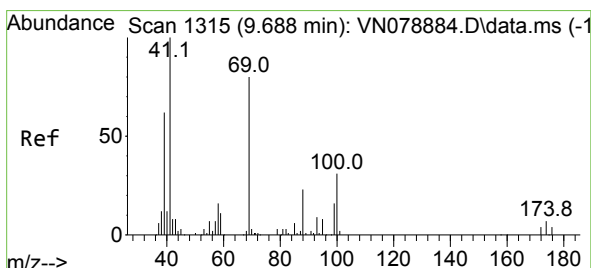
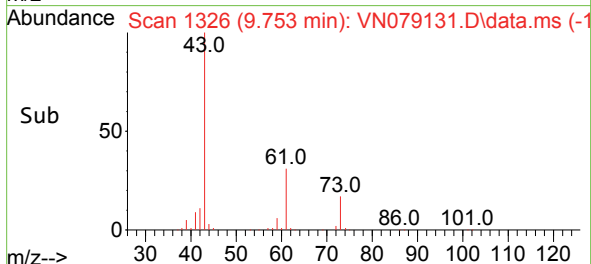
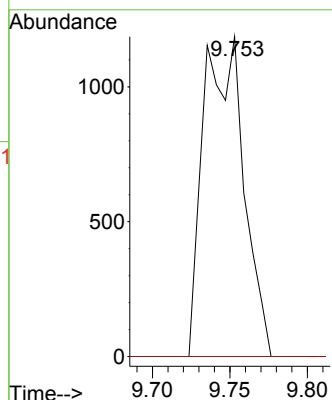
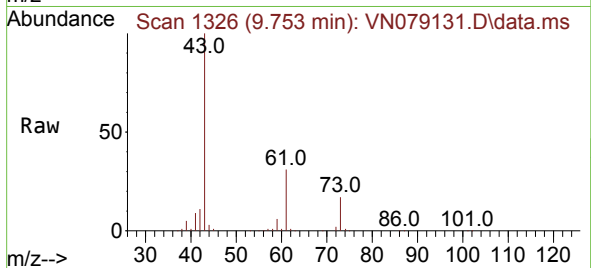
ClientSampleId :

Tgt Ion: 63 Resp: 2142

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.481 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.023 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

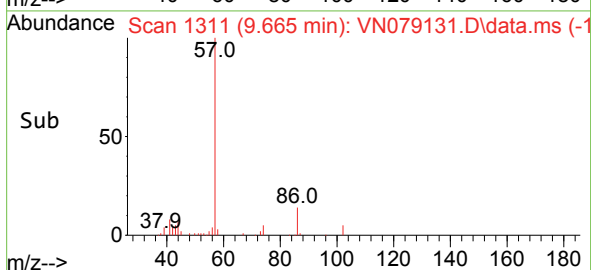
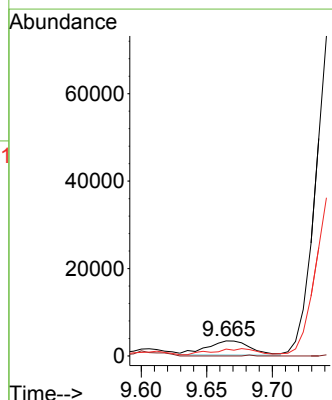
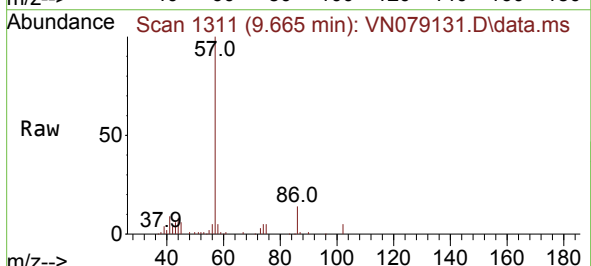
Tgt Ion: 41 Resp: 7464

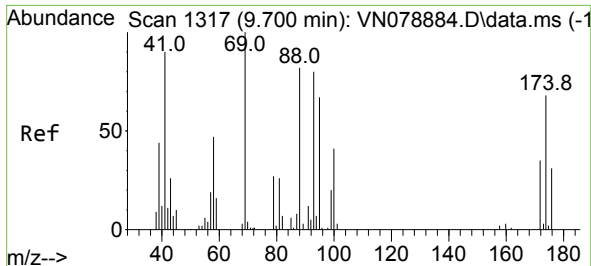
Ion Ratio Lower Upper

41 100

69 1.0 90.4 135.6#

39 49.2 54.6 81.8#





#49

1,4-Dioxane

Concen: 1.898 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.006 min

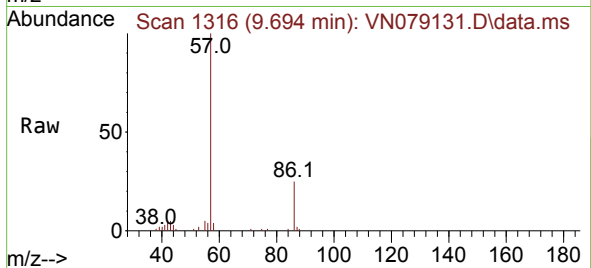
Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :



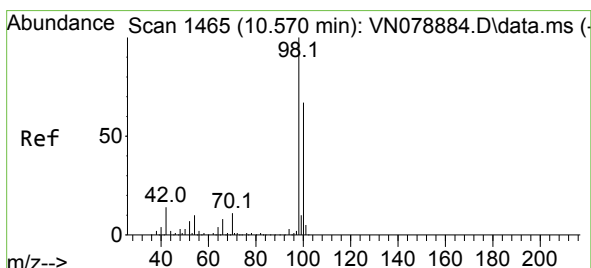
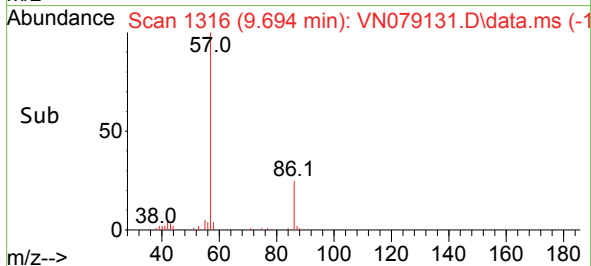
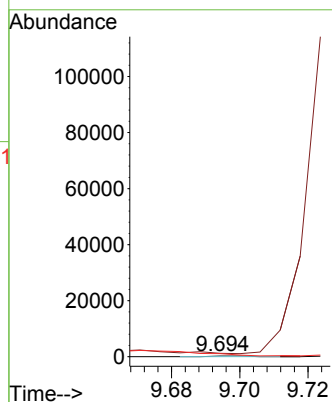
Tgt Ion: 88 Resp: 163

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 48.228 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079131.D

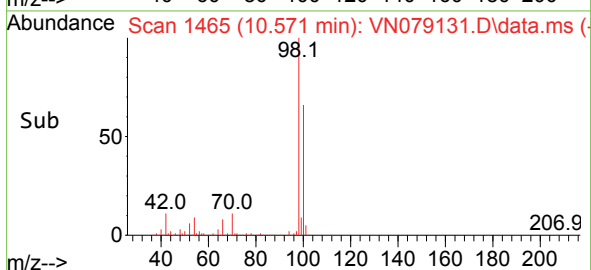
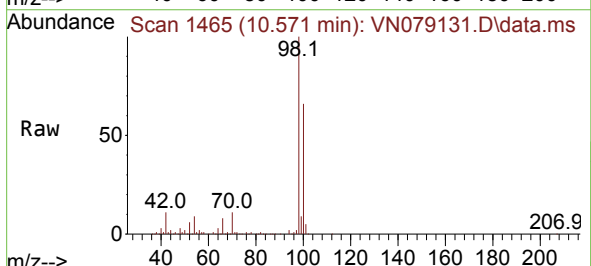
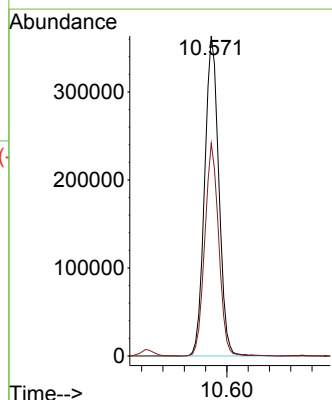
Acq: 01 Sep 2023 18:35

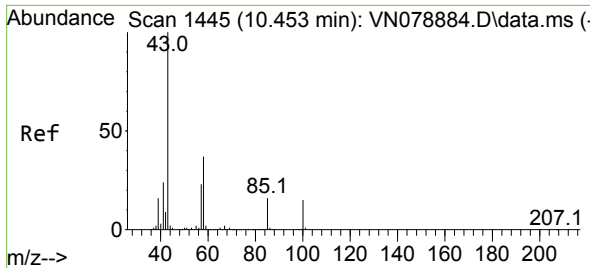
Tgt Ion: 98 Resp: 669720

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

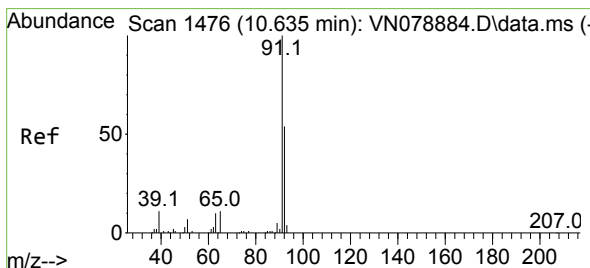
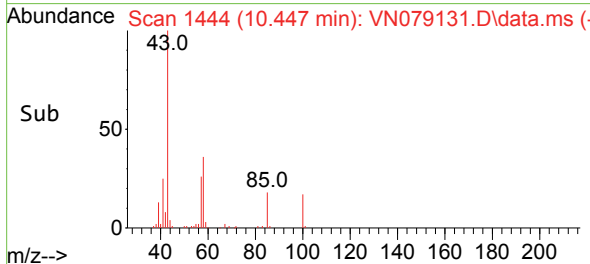
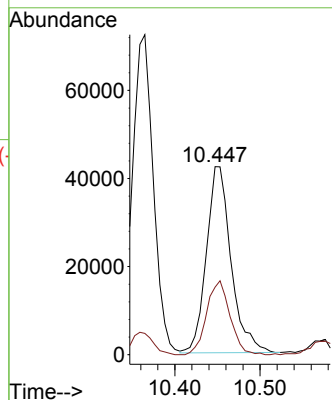
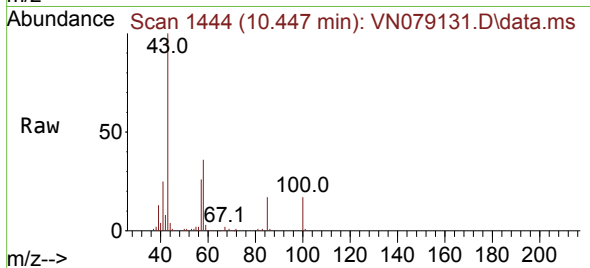




#51
4-Methyl-2-Pentanone
Concen: 12.909 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

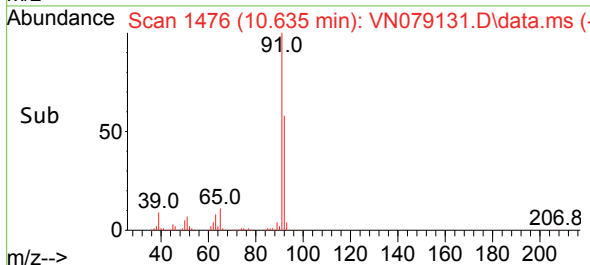
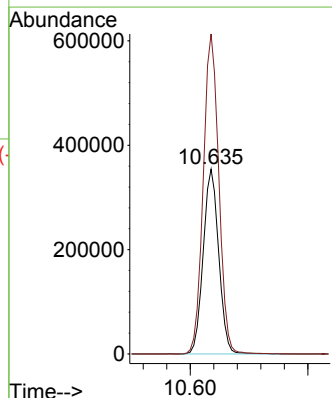
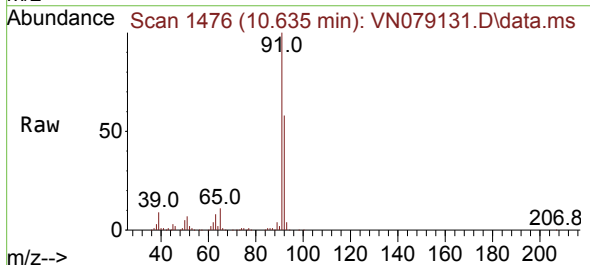
Instrument :
MSVOA_N
ClientSampleId :

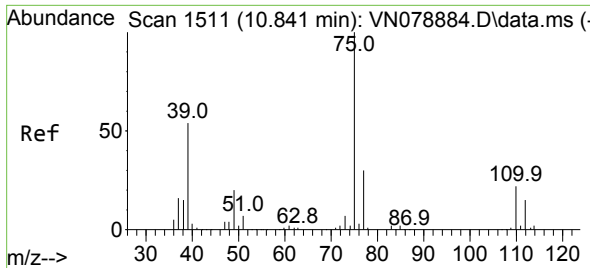
Tgt Ion: 43 Resp: 85181
Ion Ratio Lower Upper
43 100
58 37.5 36.6 54.8



#52
Toluene
Concen: 63.558 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 92 Resp: 648881
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0

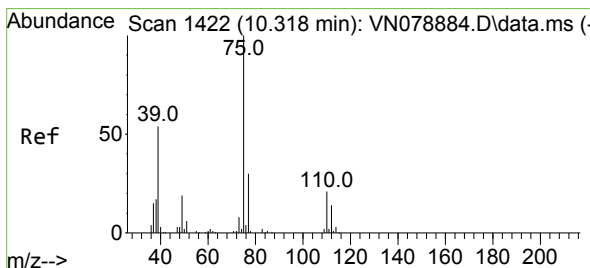
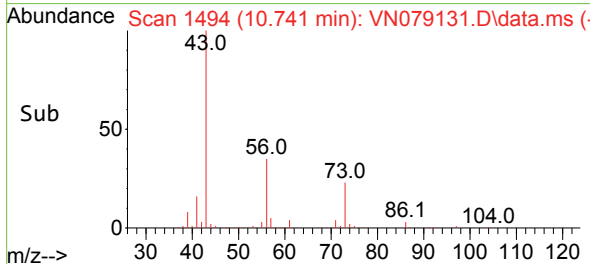
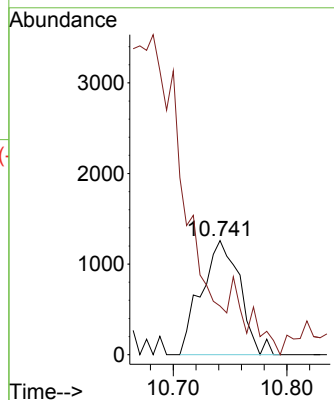
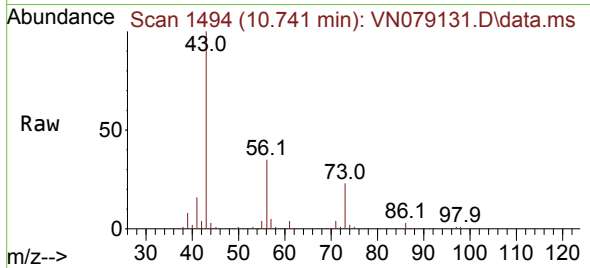




#53
 t-1,3-Dichloropropene
 Concen: 0.460 ug/l
 RT: 10.741 min Scan# 1494
 Delta R.T. -0.100 min
 Lab File: VN079131.D
 Acq: 01 Sep 2023 18:35

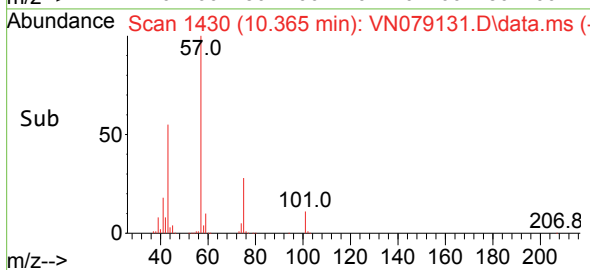
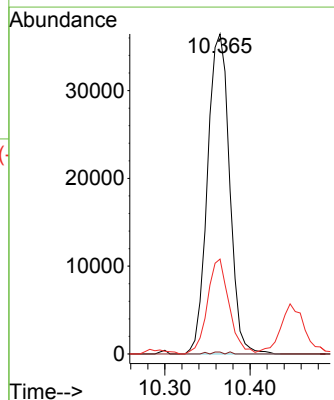
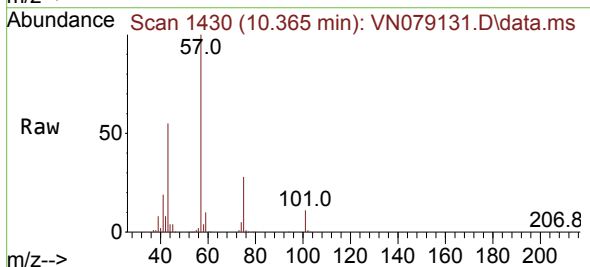
Instrument :
 MSVOA_N
 ClientSampleId :

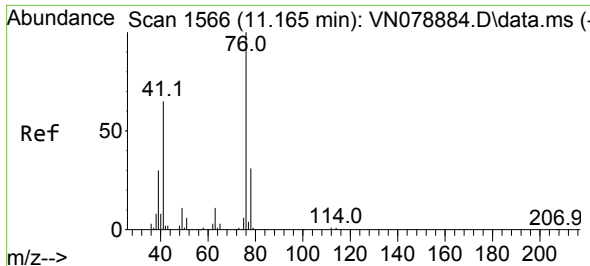
Tgt Ion: 75 Resp: 2961
 Ion Ratio Lower Upper
 75 100
 77 42.7 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 9.350 ug/l
 RT: 10.365 min Scan# 1430
 Delta R.T. 0.047 min
 Lab File: VN079131.D
 Acq: 01 Sep 2023 18:35

Tgt Ion: 75 Resp: 65480
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.1 39.1#
 39 29.7 31.6 47.4#





#57

1,3-Dichloropropane

Concen: 0.964 ug/l

RT: 11.206 min Scan# 1

Delta R.T. 0.041 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

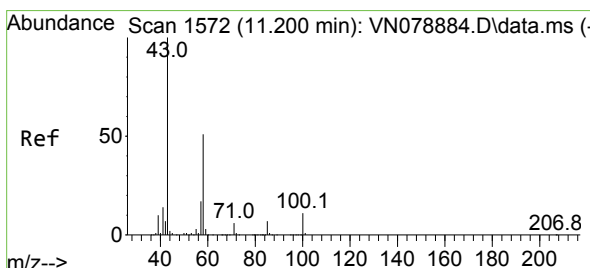
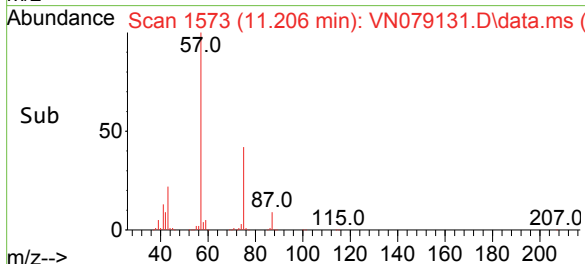
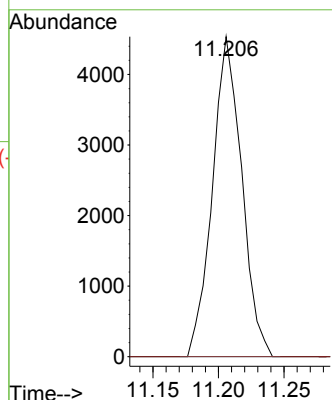
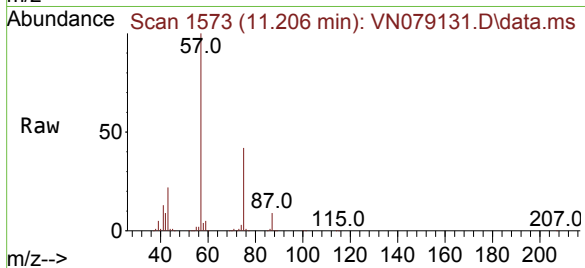
ClientSampleId :

Tgt Ion: 76 Resp: 7060

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 32.442 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.024 min

Lab File: VN079131.D

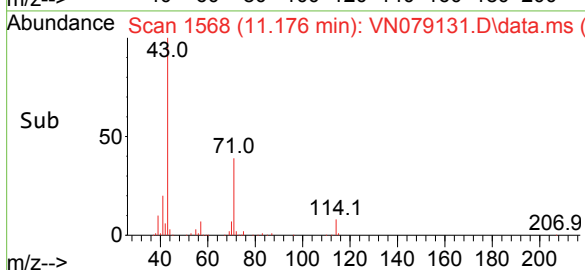
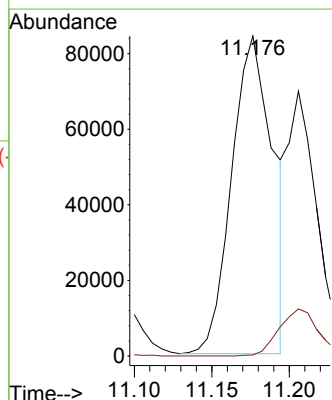
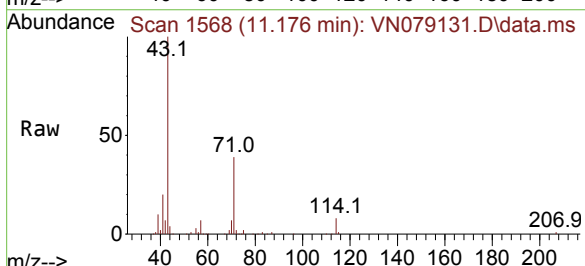
Acq: 01 Sep 2023 18:35

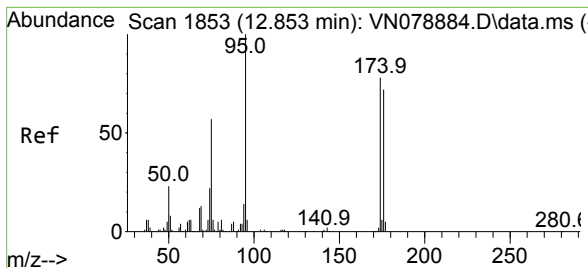
Tgt Ion: 43 Resp: 155051

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

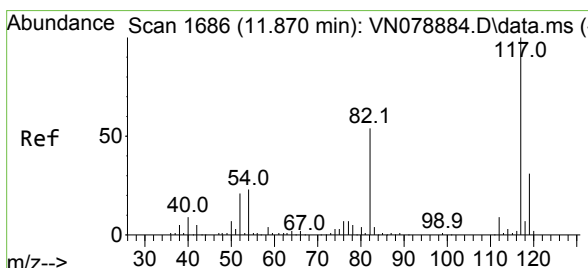
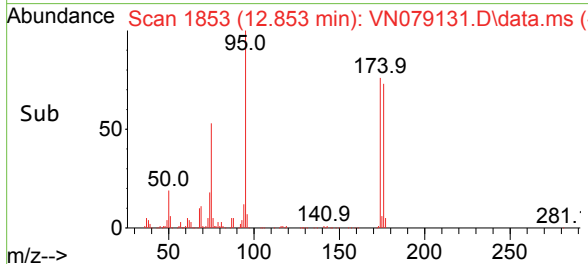
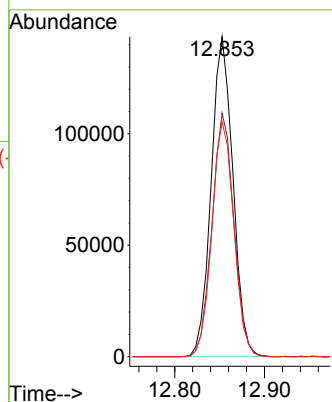
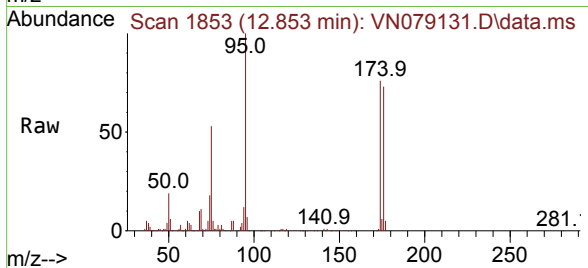




#62
4-Bromofluorobenzene
Concen: 53.102 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

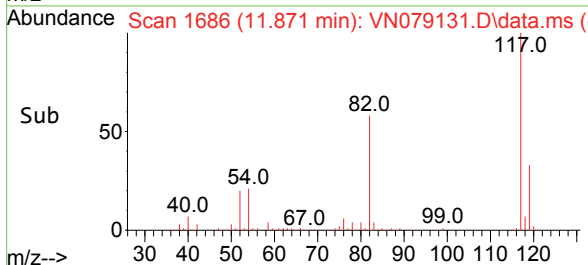
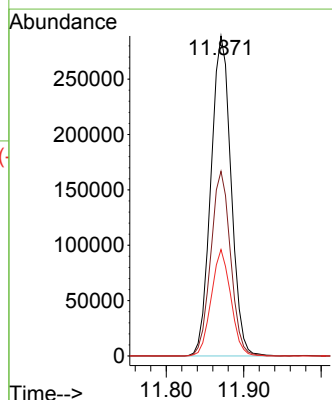
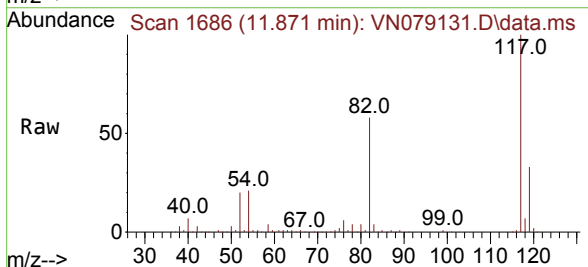
Instrument :
MSVOA_N
ClientSampleId :

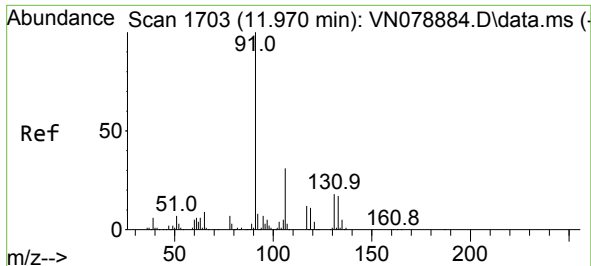
Tgt Ion: 95 Resp: 241030
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 74.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 117 Resp: 522193
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 33.2 25.6 38.4

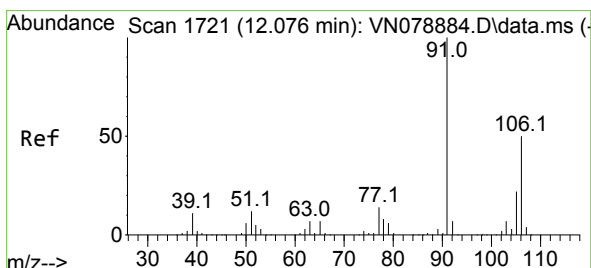
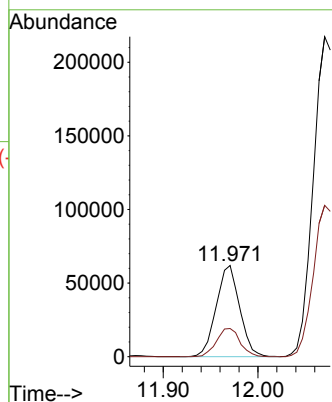
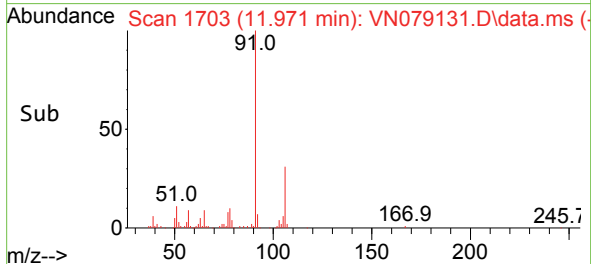
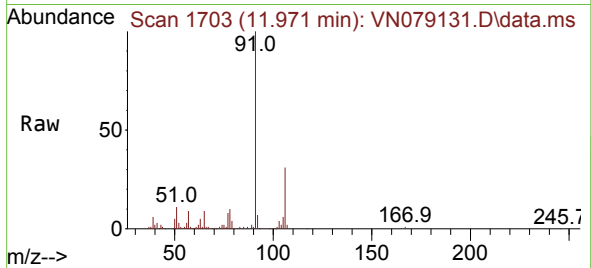




#67
Ethyl Benzene
Concen: 5.266 ug/l
RT: 11.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

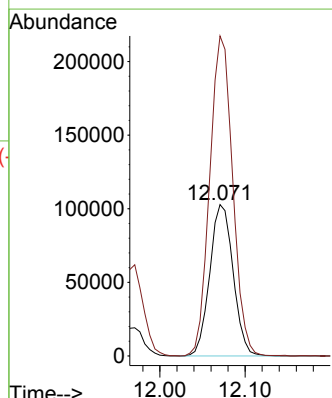
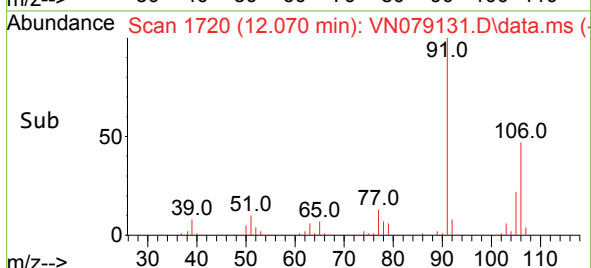
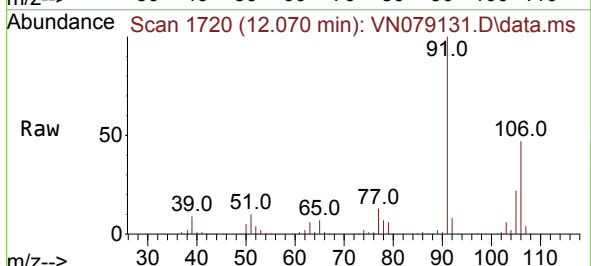
Instrument :
MSVOA_N
ClientSampleId :

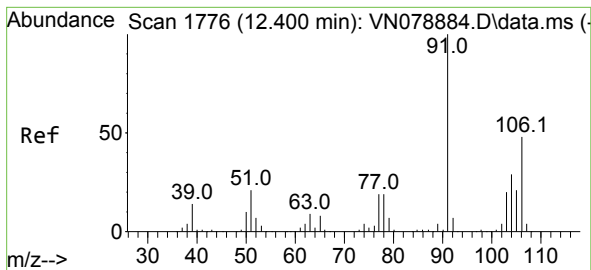
Tgt Ion: 91 Resp: 106453
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4



#68
m/p-Xylenes
Concen: 25.885 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion:106 Resp: 195632
Ion Ratio Lower Upper
106 100
91 208.0 159.6 239.4





#69

o-Xylene

Concen: 14.805 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

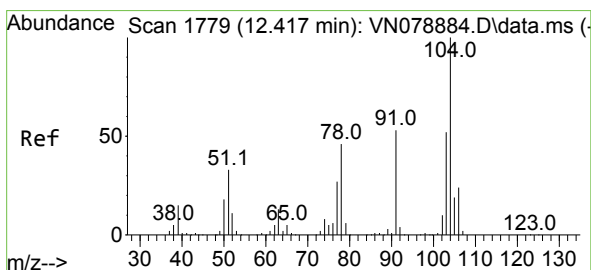
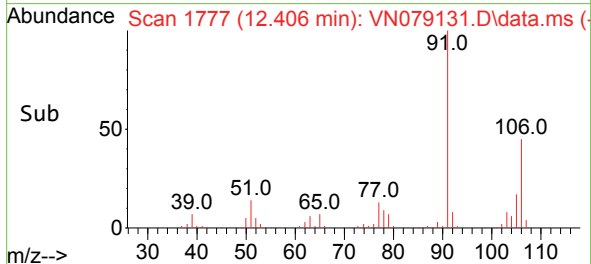
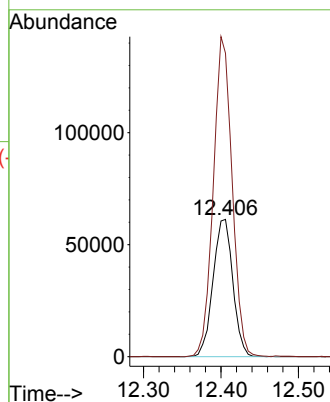
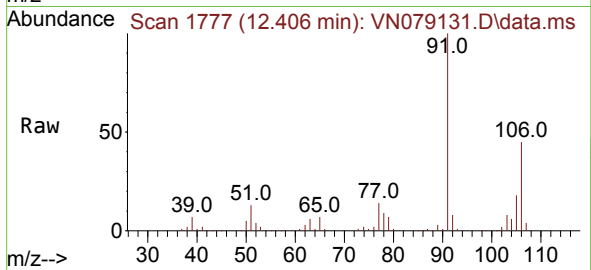
ClientSampleId :

Tgt Ion:106 Resp: 108846

Ion Ratio Lower Upper

106 100

91 221.3 105.2 315.5



#70

Styrene

Concen: 1.544 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.006 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

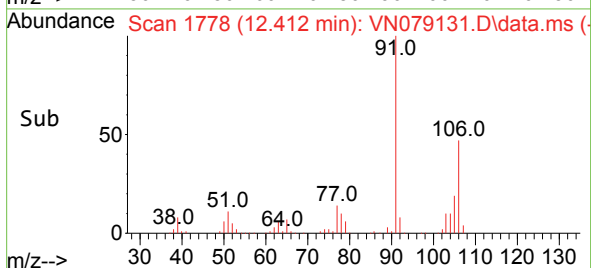
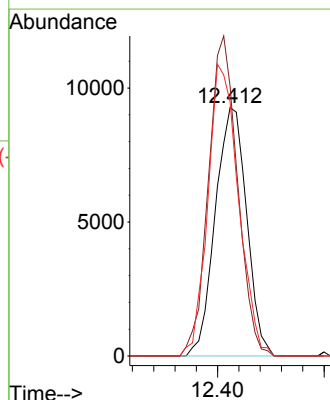
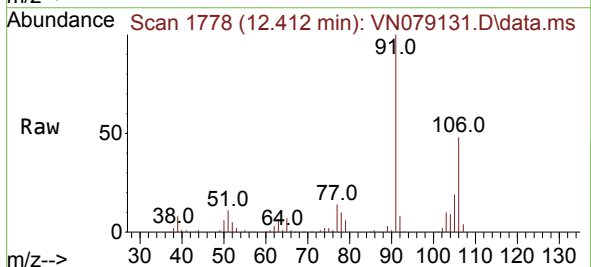
Tgt Ion:104 Resp: 18925

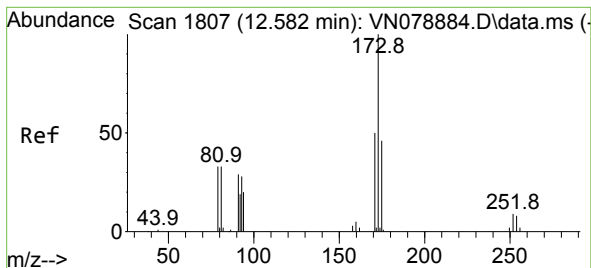
Ion Ratio Lower Upper

104 100

78 119.3 39.5 59.3#

103 114.5 43.2 64.8#





#71

Bromoform

Concen: 0.433 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

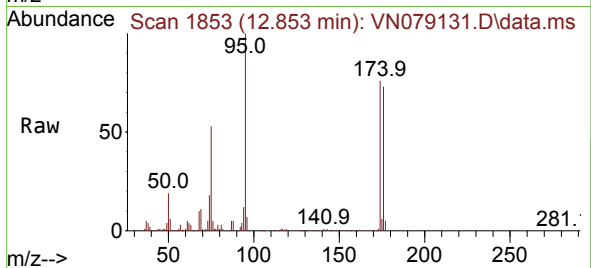
Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :



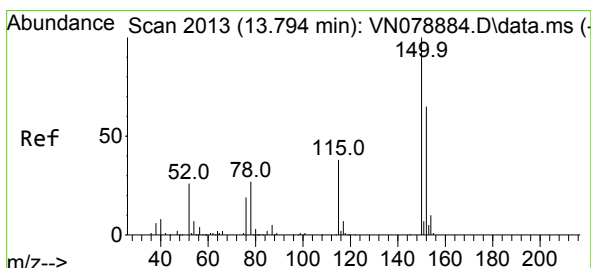
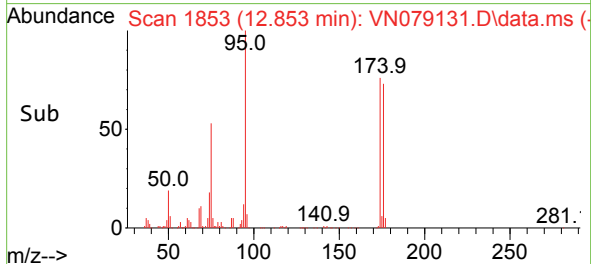
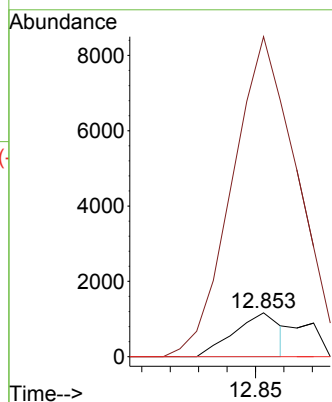
Tgt Ion:173 Resp: 1322

Ion Ratio Lower Upper

173 100

175 784.5 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

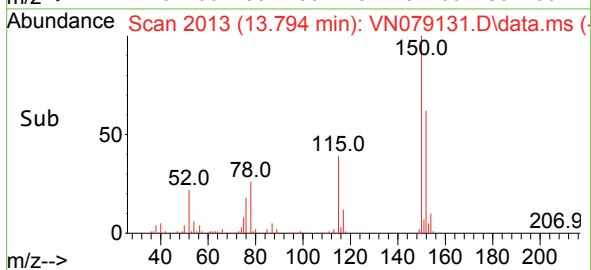
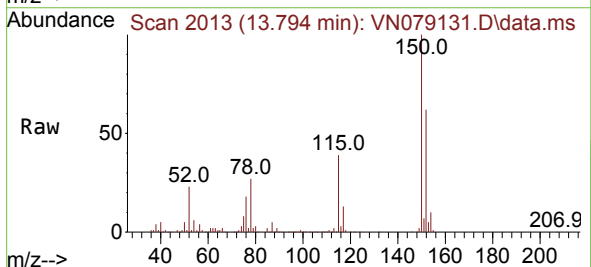
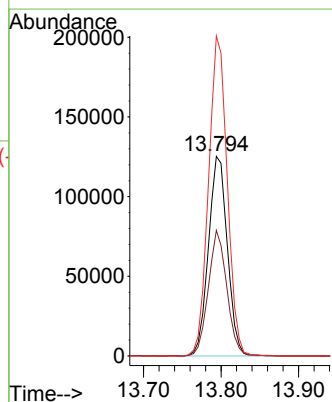
Tgt Ion:152 Resp: 212433

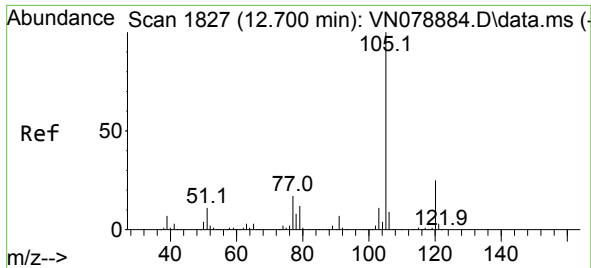
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 158.2 0.0 355.8

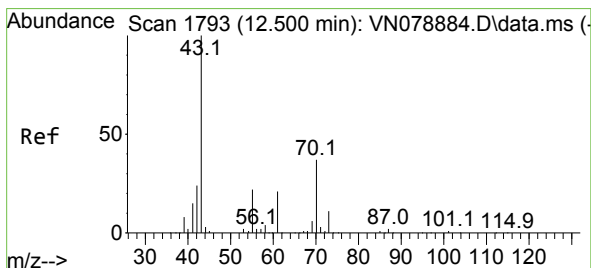
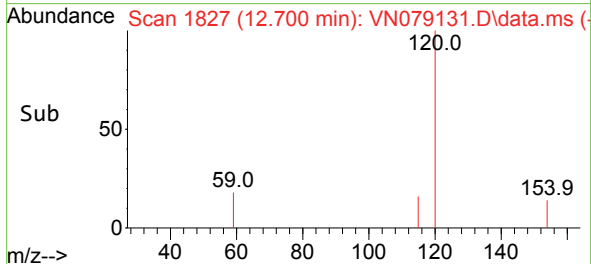
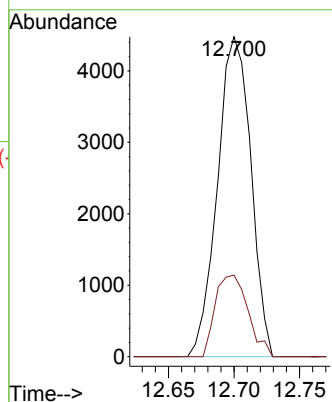
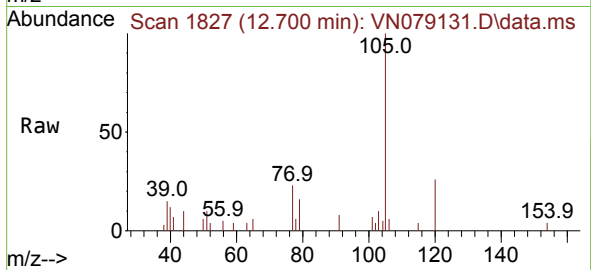




#73
Isopropylbenzene
Concen: 0.448 ug/l
RT: 12.700 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

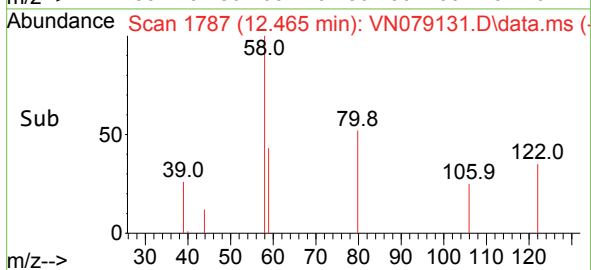
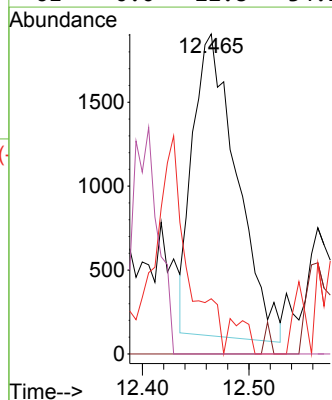
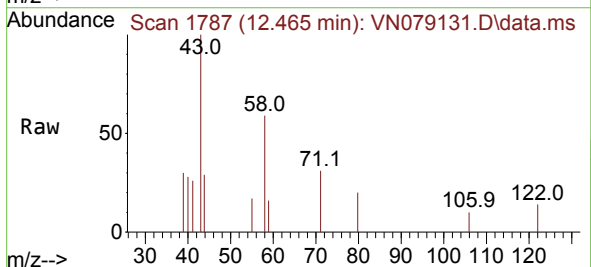
Instrument :
MSVOA_N
ClientSampleId :

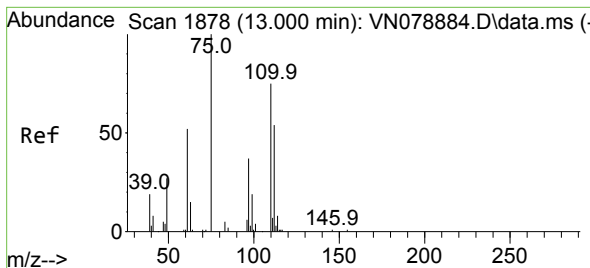
Tgt Ion:105 Resp: 7931
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1



#74
N-ethyl acetate
Concen: 0.576 ug/l
RT: 12.465 min Scan# 1787
Delta R.T. -0.035 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 43 Resp: 5151
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 5.2 21.4 32.0#
61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 24.531 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

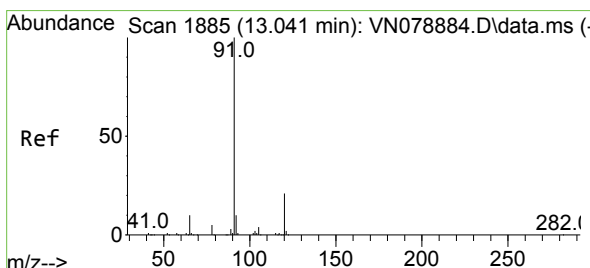
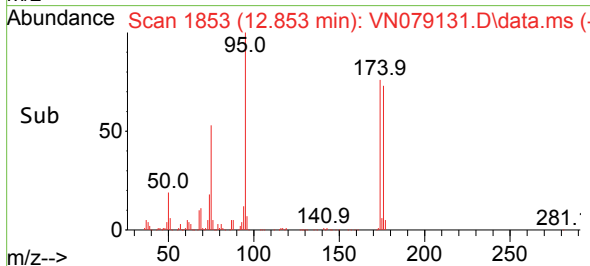
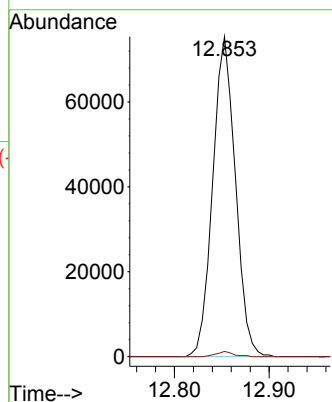
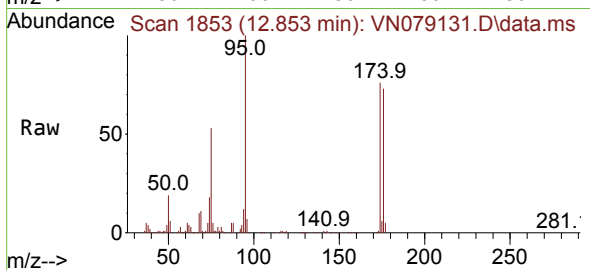
ClientSampleId :

Tgt Ion: 75 Resp: 125565

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#78

n-propylbenzene

Concen: 0.481 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079131.D

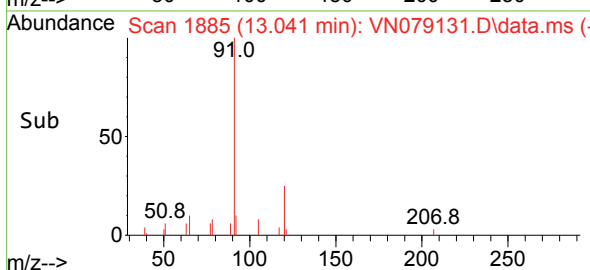
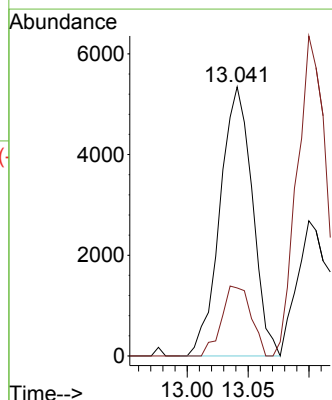
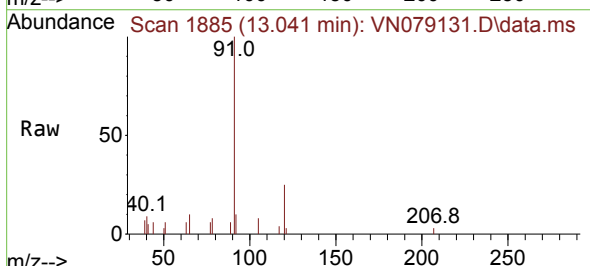
Acq: 01 Sep 2023 18:35

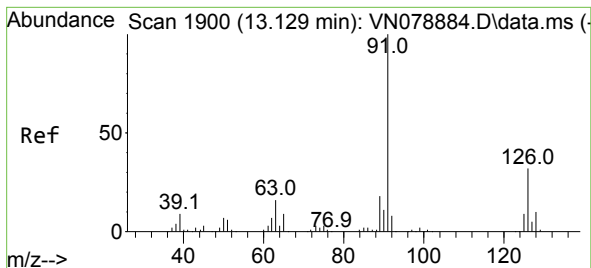
Tgt Ion: 91 Resp: 9887

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.478 ug/l

RT: 13.100 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

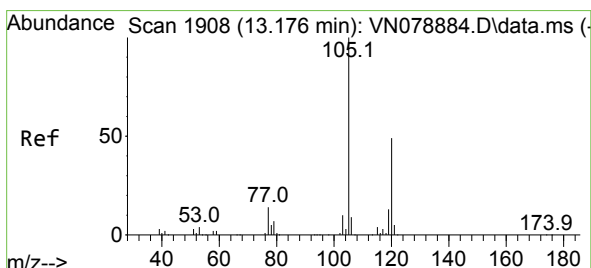
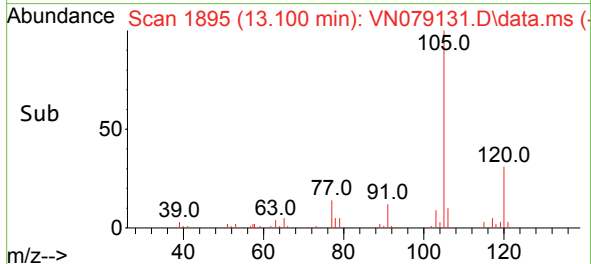
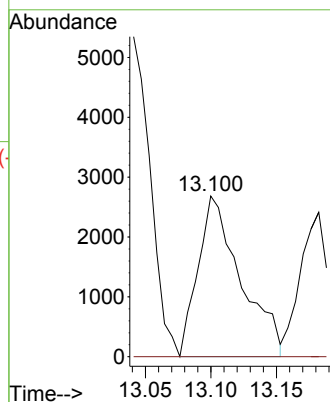
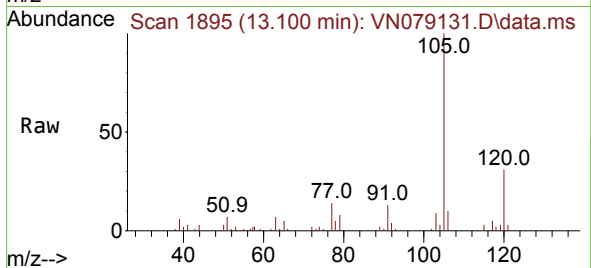
ClientSampleId :

Tgt Ion: 91 Resp: 6091

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 2.110 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079131.D

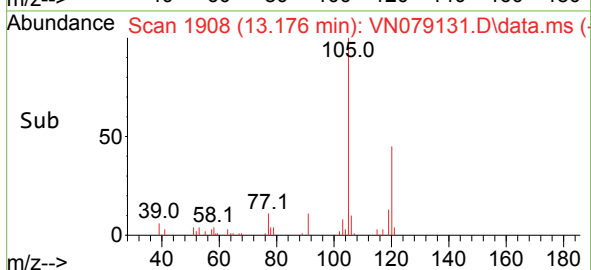
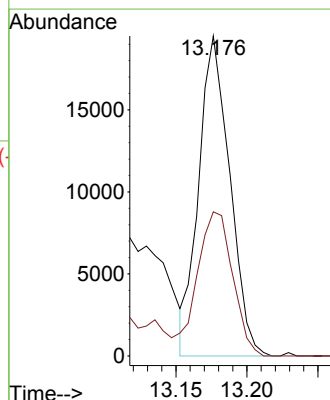
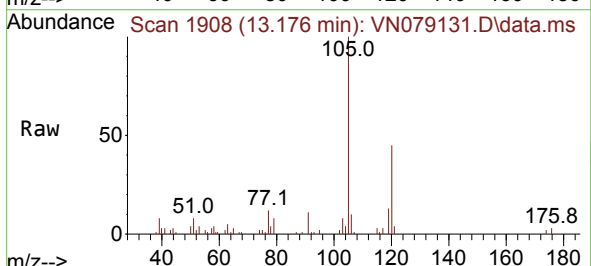
Acq: 01 Sep 2023 18:35

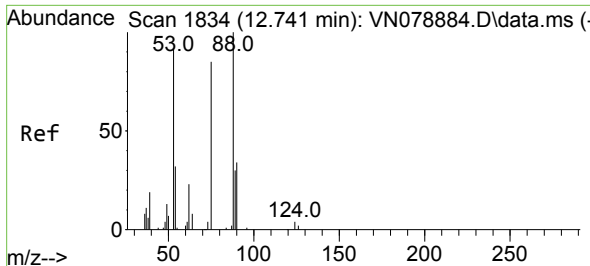
Tgt Ion:105 Resp: 29622

Ion Ratio Lower Upper

105 100

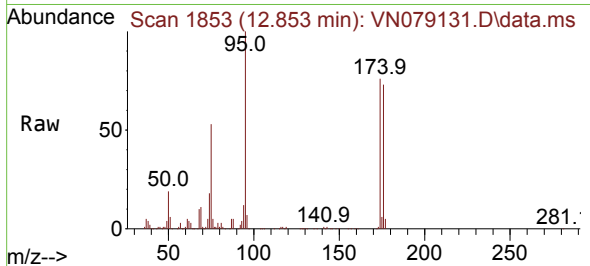
120 51.7 24.1 72.3



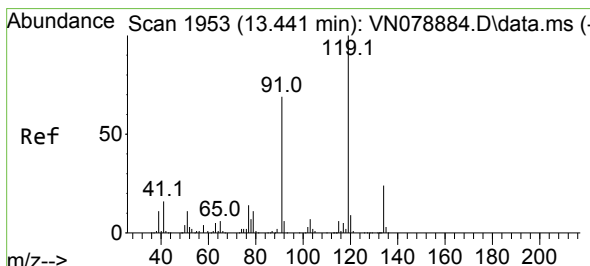
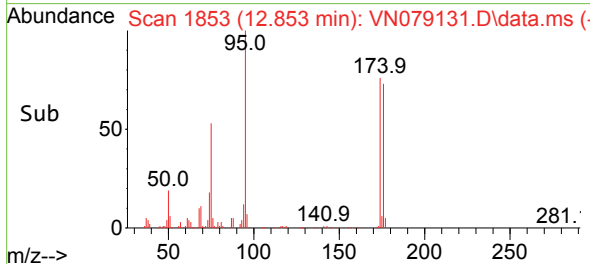
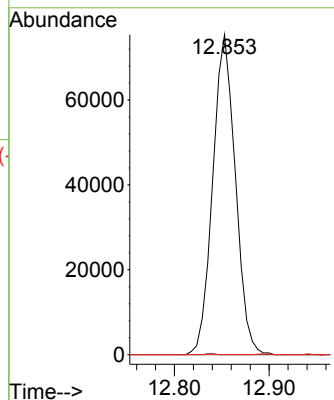


#81
trans-1,4-Dichloro-2-butene
Concen: 62.666 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Instrument :
MSVOA_N
ClientSampleId :

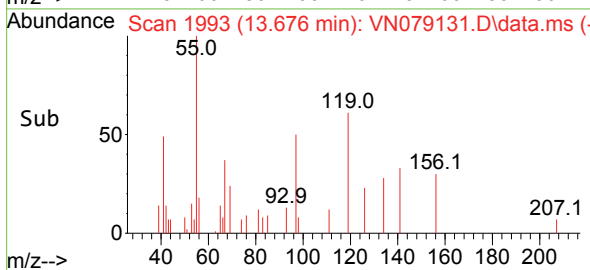
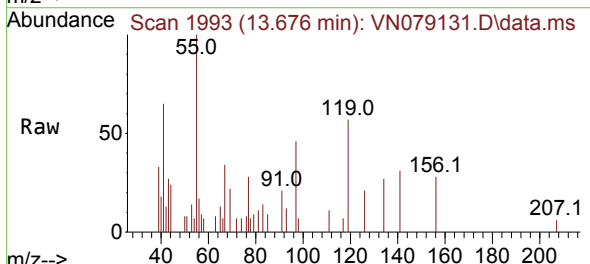
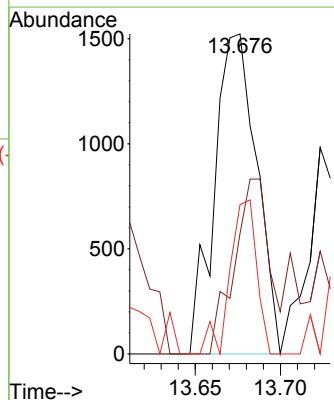


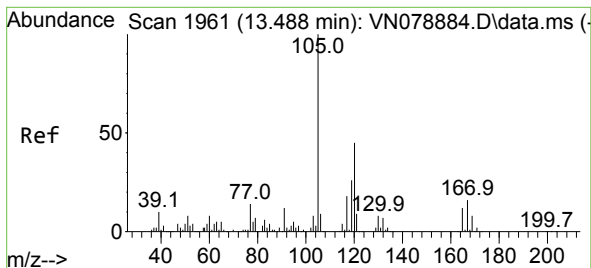
Tgt Ion: 75 Resp: 125565
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#83
tert-Butylbenzene
Concen: 0.223 ug/l
RT: 13.676 min Scan# 1993
Delta R.T. 0.235 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 119 Resp: 2630
Ion Ratio Lower Upper
119 100
91 45.6 33.9 101.7
134 30.5 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 5.148 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

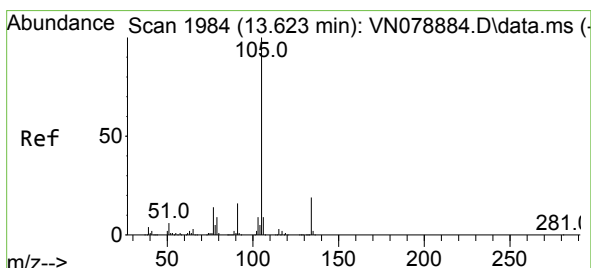
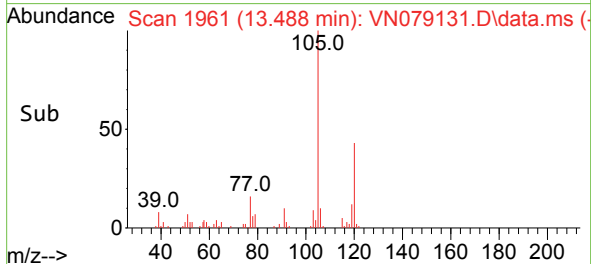
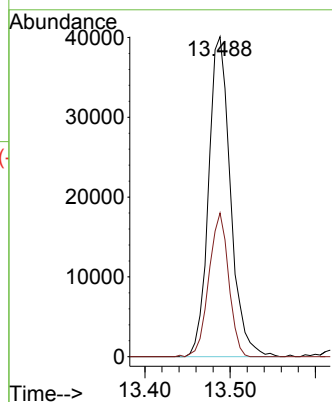
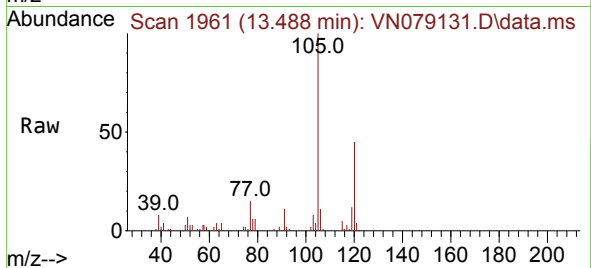
ClientSampleId :

Tgt Ion:105 Resp: 71553

Ion Ratio Lower Upper

105 100

120 40.5 22.0 66.0



#85

sec-Butylbenzene

Concen: 4.408 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.135 min

Lab File: VN079131.D

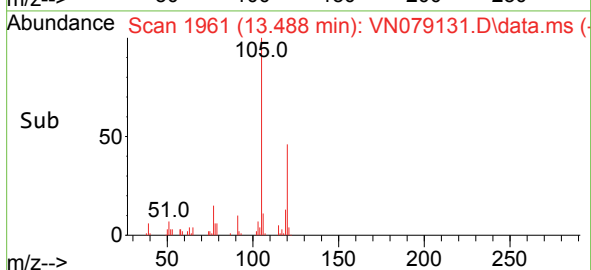
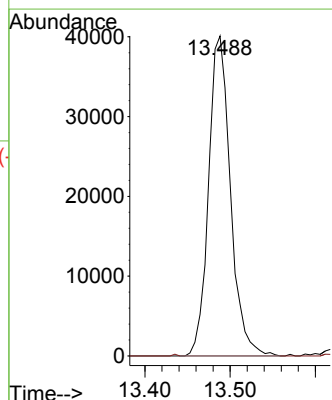
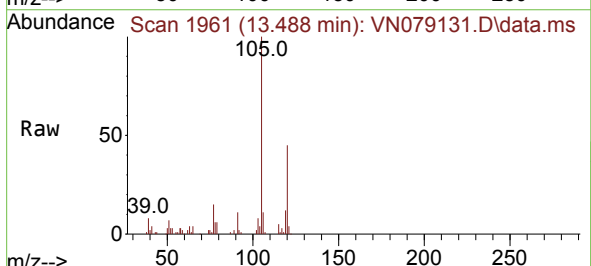
Acq: 01 Sep 2023 18:35

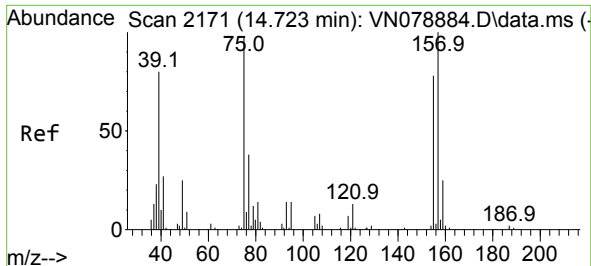
Tgt Ion:105 Resp: 71553

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.676 min Scan# 2171

Delta R.T. -0.047 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

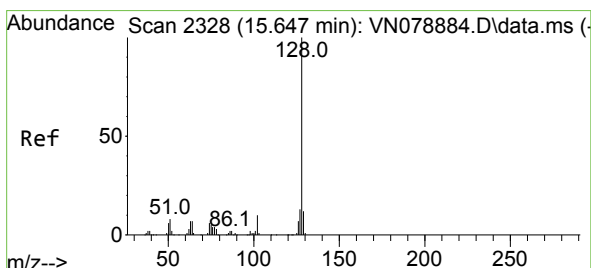
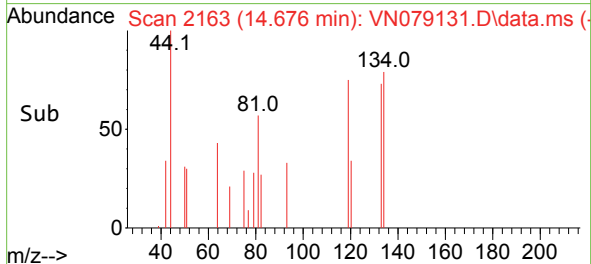
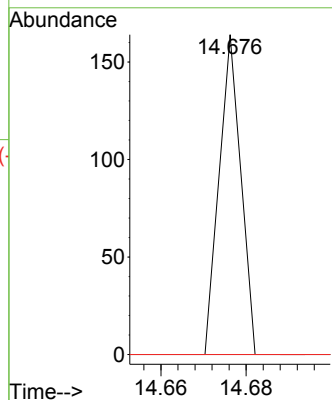
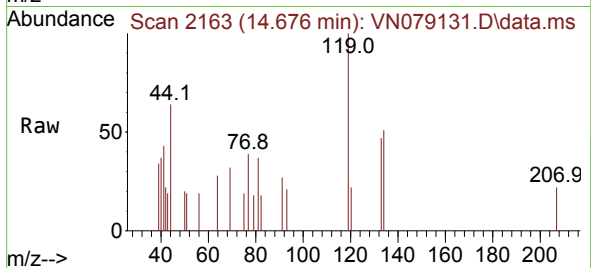
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75 Resp: 58

Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.1	117.2#
157	0.0	50.3	150.9#



#95

Naphthalene

Concen: 32.007 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Tgt Ion: 128 Resp: 303773

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.0	15.0
129	11.1	8.7	13.1

