

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079494.D
 Acq On : 10 Oct 2023 15:37
 Operator : JC\MD
 Sample : 04813-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 06:19:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	272917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	552269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	560009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229459	51.854	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.700%			
35) Dibromofluoromethane	8.177	113	197914	49.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.740%			
50) Toluene-d8	10.570	98	672749	46.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.700%			
62) 4-Bromofluorobenzene	12.853	95	251511	54.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.160%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1447	0.297	ug/l #	71
11) Tert butyl alcohol	5.524	59	1728	2.595	ug/l #	81
13) Acrolein	4.177	56	415	0.626	ug/l #	55
16) Acetone	4.441	43	57453	32.734	ug/l	92
17) Carbon Disulfide	4.718	76	2662	0.265	ug/l #	75
18) Methyl Acetate	5.041	43	6277	0.731	ug/l #	63
20) Methylene Chloride	5.283	84	21432	5.035	ug/l	87
25) 2-Butanone	7.500	43	9290	3.566	ug/l #	84
31) Cyclohexane	8.229	56	9050	1.442	ug/l #	48
36) 1,1-Dichloropropene	8.235	75	25151	4.222	ug/l #	47
37) Ethyl Acetate	7.571	43	6013	1.014	ug/l #	78
38) Carbon Tetrachloride	8.235	117	31106	5.216	ug/l #	15
40) Benzene	8.612	78	874406	49.429	ug/l	97
43) Isopropyl Acetate	8.694	43	354415	34.131	ug/l #	69
45) 1,2-Dichloropropane	9.741	63	2509	0.538	ug/l #	45
48) Methyl methacrylate	9.676	41	6306	1.417	ug/l #	32
49) 1,4-Dioxane	9.753	88	229	2.794	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	20103	3.430	ug/l #	69
52) Toluene	10.635	92	561957	53.967	ug/l	97
53) t-1,3-Dichloropropene	10.729	75	1444	0.231	ug/l #	17
54) cis-1,3-Dichloropropene	10.359	75	65550	9.569	ug/l #	75
55) 1,1,2-Trichloroethane	10.882	97	3081	0.737	ug/l #	22
57) 1,3-Dichloropropane	11.206	76	8949	1.240	ug/l #	42
59) 2-Hexanone	11.176	43	152309	36.008	ug/l #	19
67) Ethyl Benzene	11.964	91	87343	4.029	ug/l	90
68) m/p-Xylenes	12.070	106	162103	20.581	ug/l	93
69) o-Xylene	12.406	106	111200	14.356	ug/l	90
70) Styrene	12.417	104	49670	4.060	ug/l #	66
74) N-amyl acetate	12.464	43	2384	0.277	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.853	83	160	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	143610	22.038	ug/l #	1
78) n-propylbenzene	13.041	91	8156	0.343	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	25130	1.516	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	143610	63.943	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.488	105	68171	4.308	ug/l	95
85) sec-Butylbenzene	13.488	105	68171	3.598	ug/l #	57

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QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

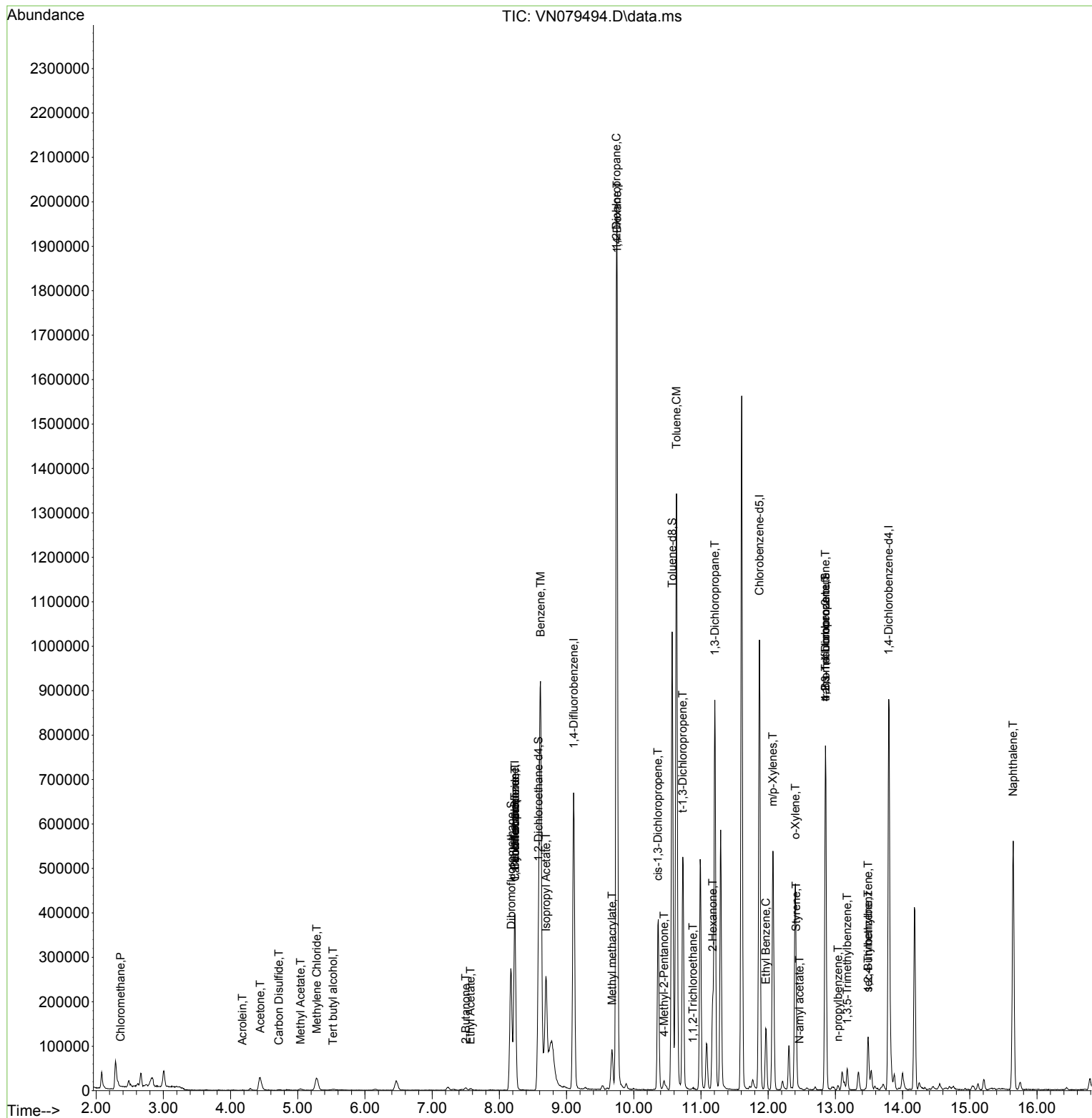
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.329	117	669	Below Cal	#	21
95) Naphthalene	15.647	128	488537	64.760	ug/l	99

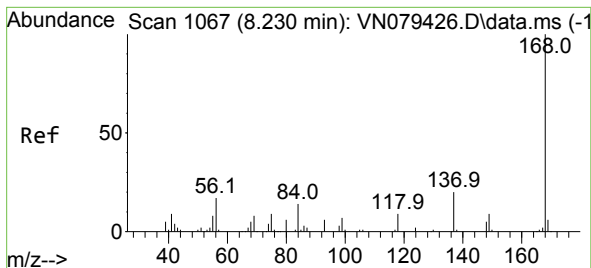
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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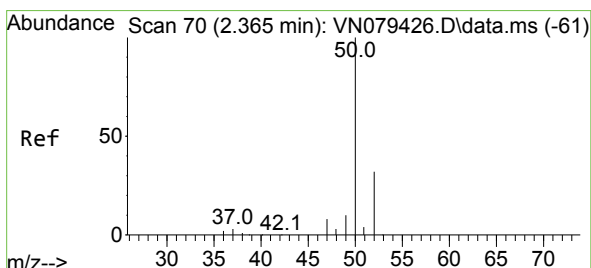
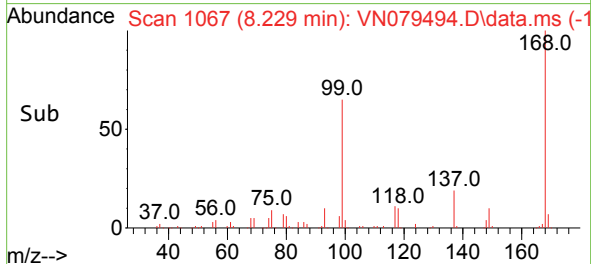
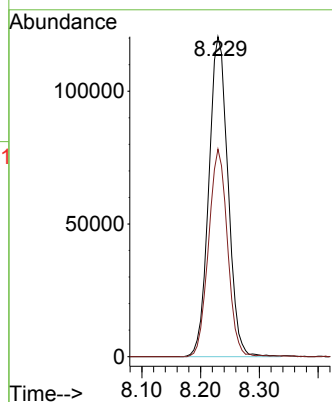
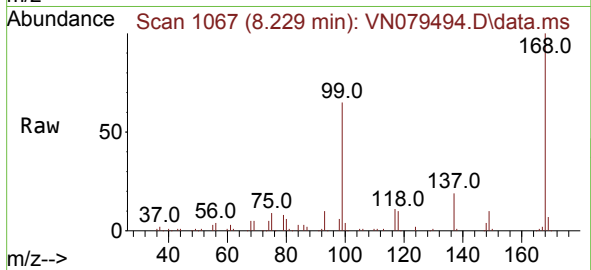




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

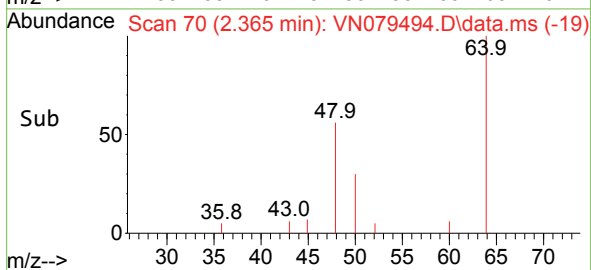
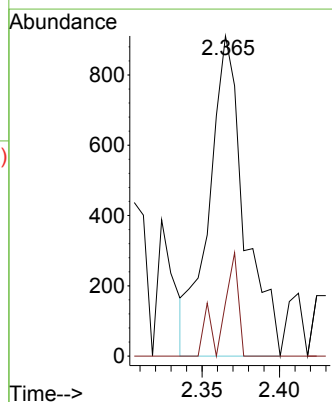
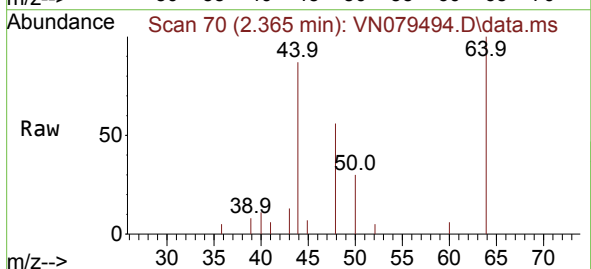
Instrument :
MSVOA_N
ClientSampleId :

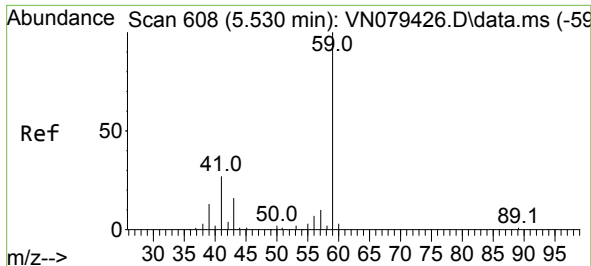
Tgt Ion:168 Resp: 272917
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#3
Chloromethane
Concen: 0.297 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

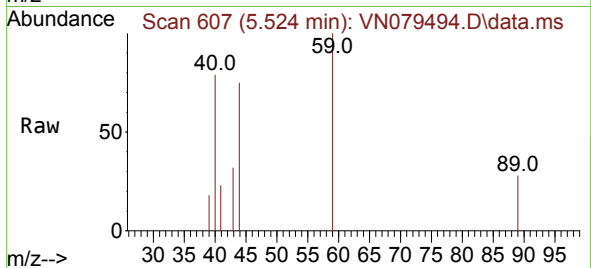
Tgt Ion: 50 Resp: 1447
Ion Ratio Lower Upper
50 100
52 16.7 26.5 39.7#



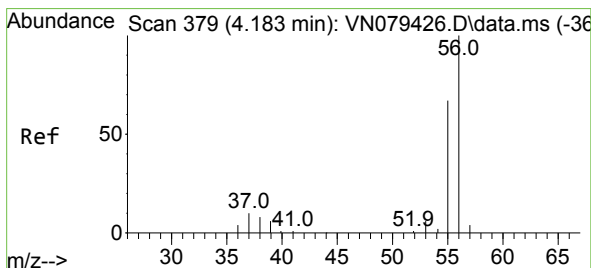
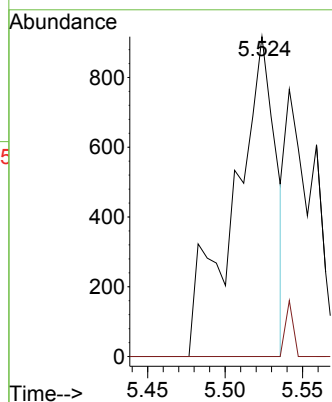
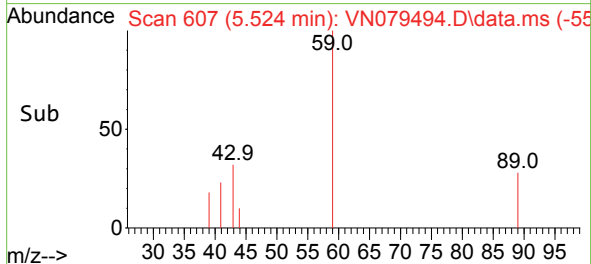


#11
Tert butyl alcohol
Concen: 2.595 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :

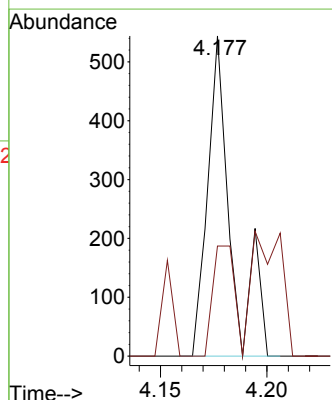
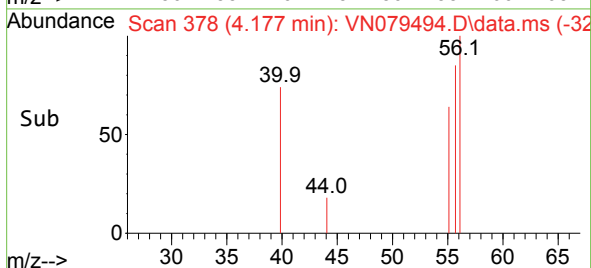
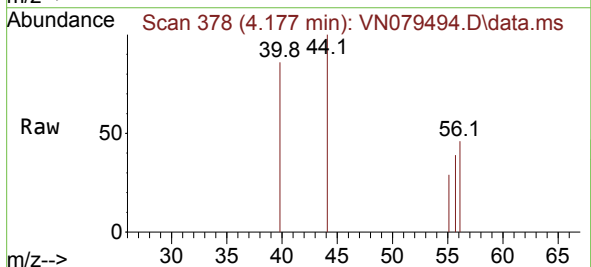


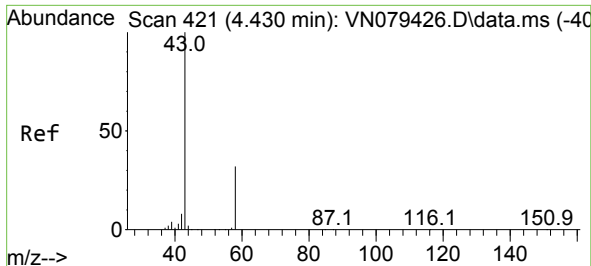
Tgt Ion: 59 Resp: 1728
Ion Ratio Lower Upper
59 100
57 3.2 8.2 12.4#



#13
Acrolein
Concen: 0.626 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion: 56 Resp: 415
Ion Ratio Lower Upper
56 100
55 31.8 54.5 81.7#





#16

Acetone

Concen: 32.734 ug/l

RT: 4.441 min Scan# 41

Delta R.T. 0.011 min

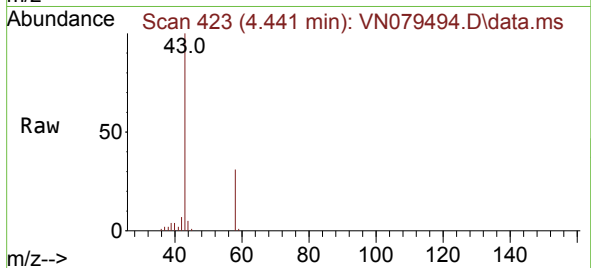
Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

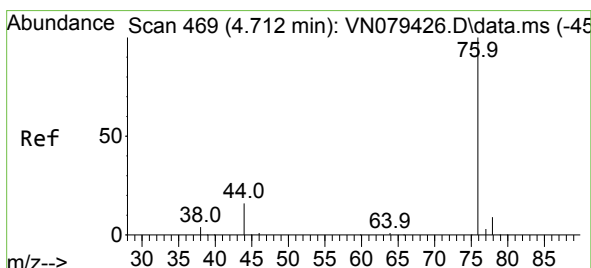
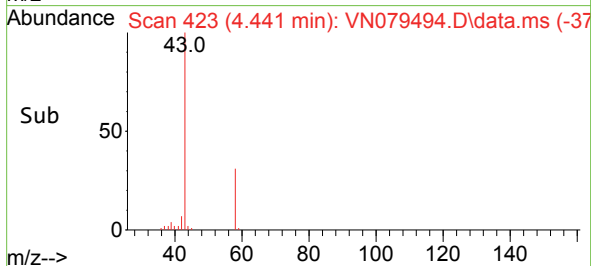
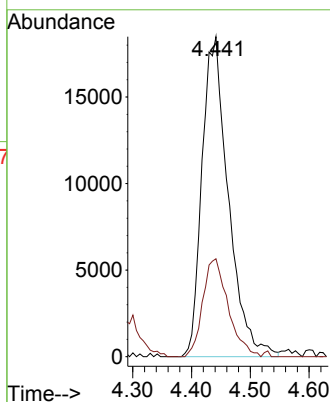


Tgt Ion: 43 Resp: 57453

Ion Ratio Lower Upper

43 100

58 30.6 28.0 42.0



#17

Carbon Disulfide

Concen: 0.265 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN079494.D

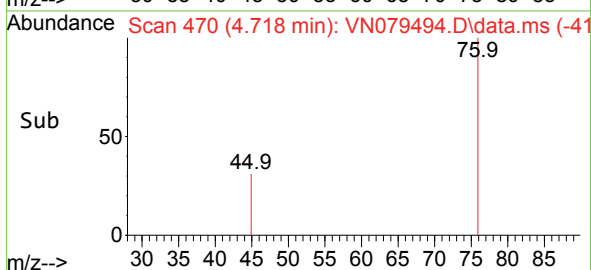
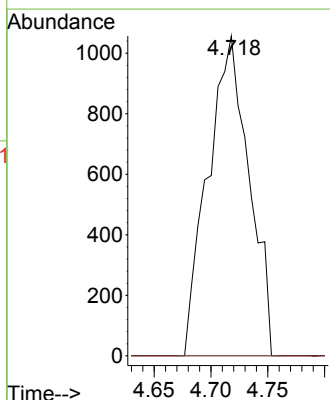
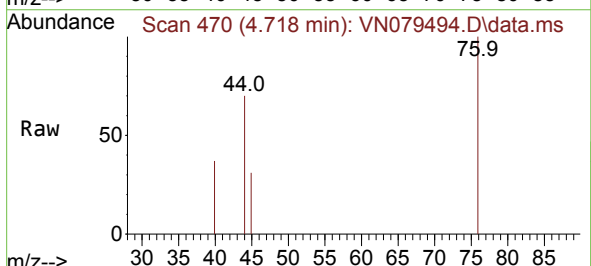
Acq: 10 Oct 2023 15:37

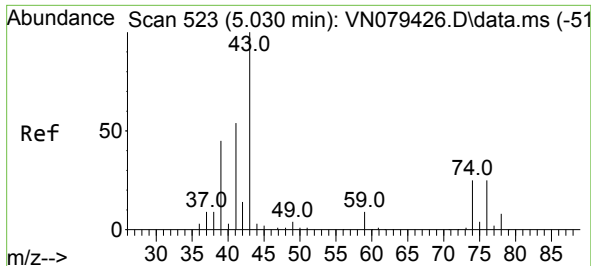
Tgt Ion: 76 Resp: 2662

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

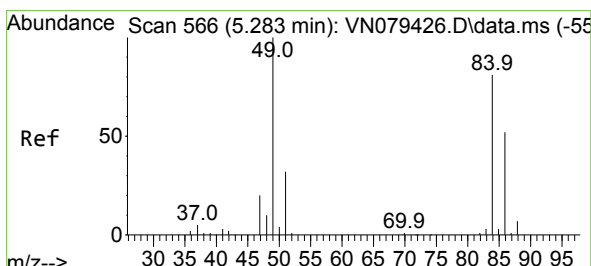
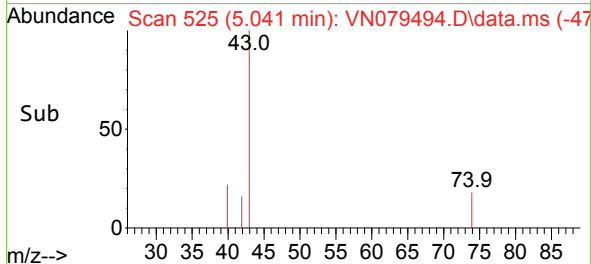
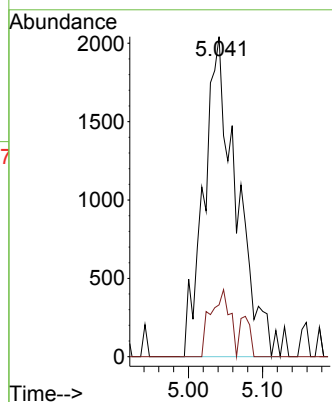
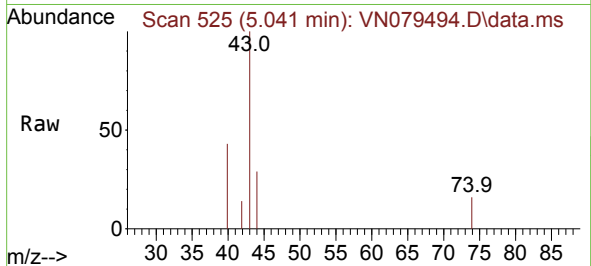




#18
Methyl Acetate
Concen: 0.731 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

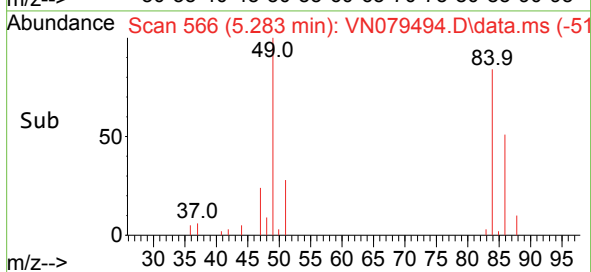
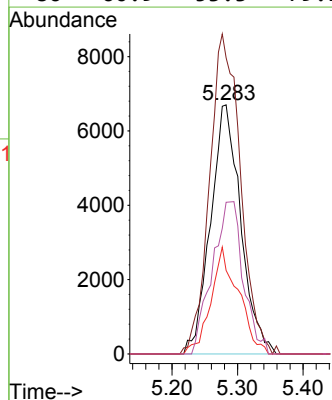
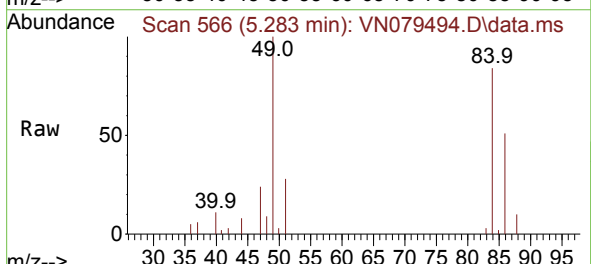
Instrument :
MSVOA_N
ClientSampleId :

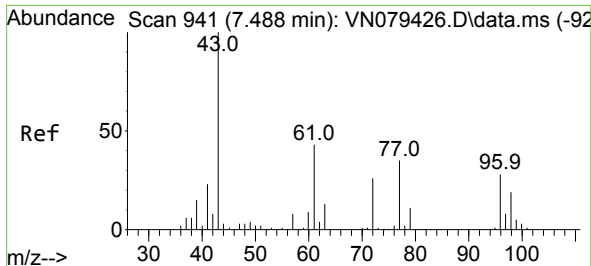
Tgt Ion: 43 Resp: 6277
Ion Ratio Lower Upper
43 100
74 12.2 26.2 39.4#



#20
Methylene Chloride
Concen: 5.035 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion: 84 Resp: 21432
Ion Ratio Lower Upper
84 100
49 118.9 79.7 119.5
51 33.5 25.2 37.8
86 60.9 53.3 79.9





#25

2-Butanone

Concen: 3.566 ug/l

RT: 7.500 min Scan# 941

Delta R.T. 0.012 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

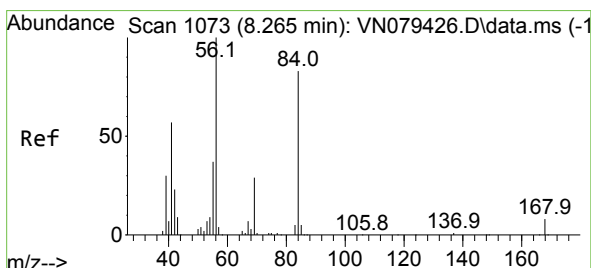
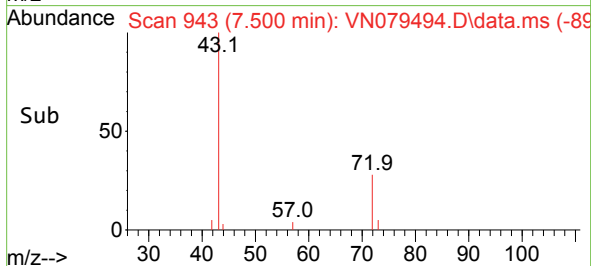
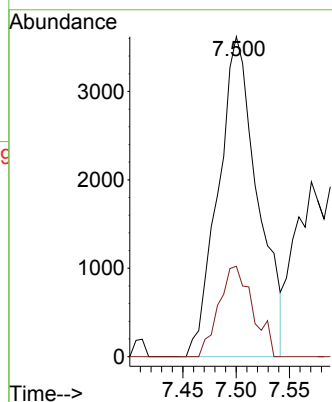
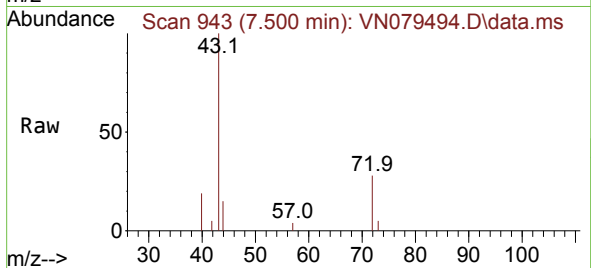
ClientSampleId :

Tgt Ion: 43 Resp: 9290

Ion Ratio Lower Upper

43 100

72 28.3 30.2 45.2#



#31

Cyclohexane

Concen: 1.442 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

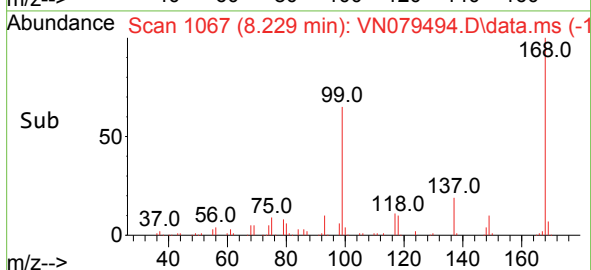
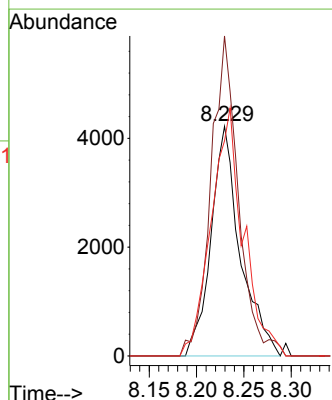
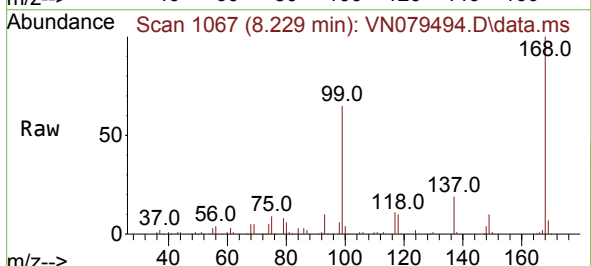
Tgt Ion: 56 Resp: 9050

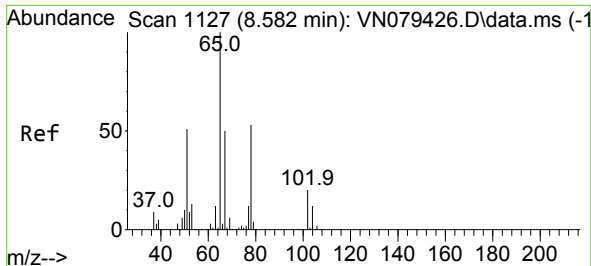
Ion Ratio Lower Upper

56 100

69 139.4 26.8 40.2#

84 93.7 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 51.854 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

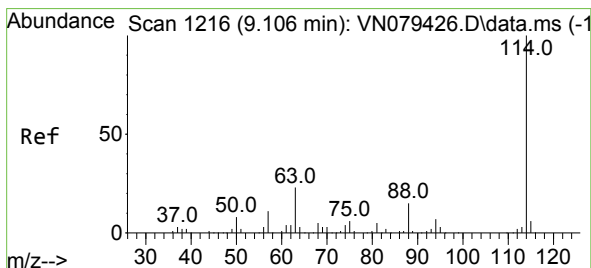
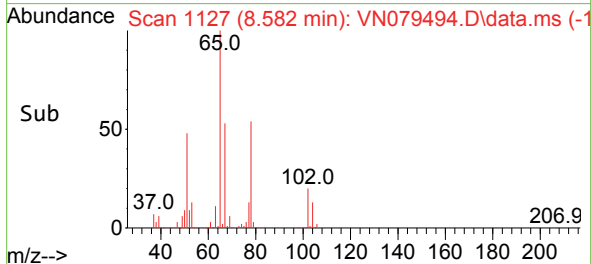
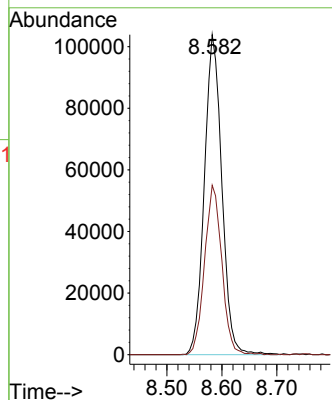
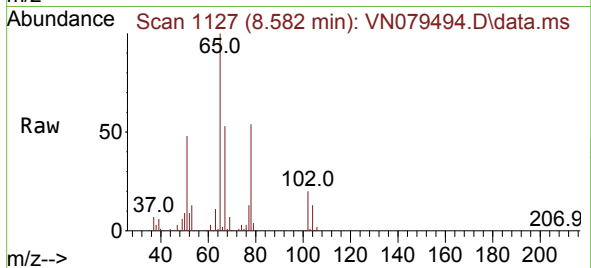
ClientSampleId :

Tgt Ion: 65 Resp: 229459

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

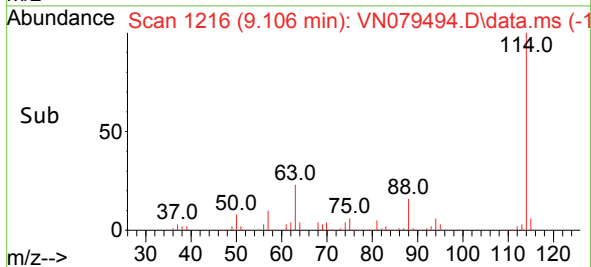
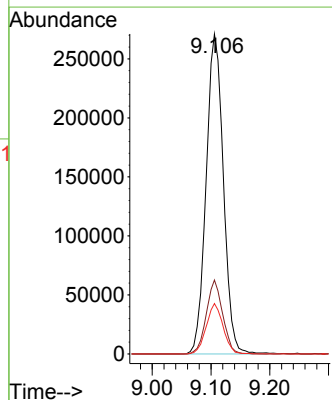
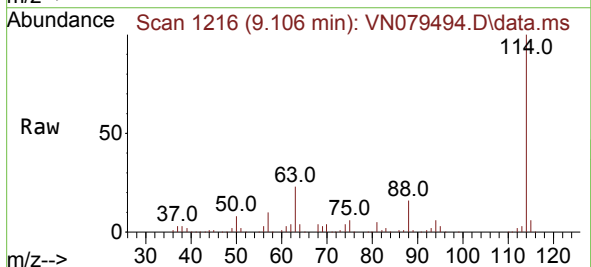
Tgt Ion: 114 Resp: 552269

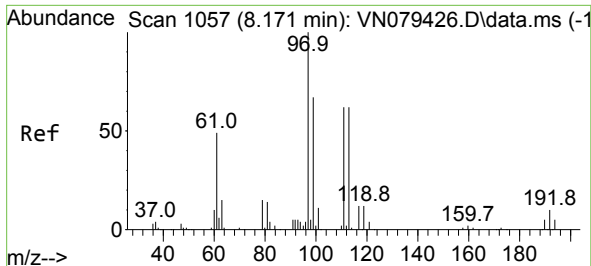
Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.4

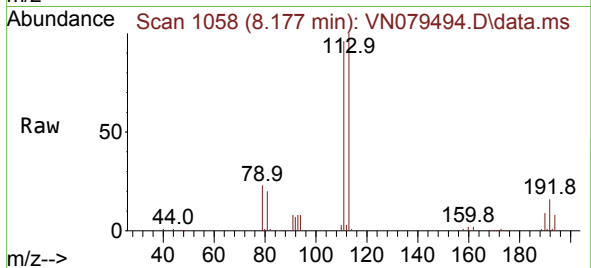
88 15.8 0.0 30.6



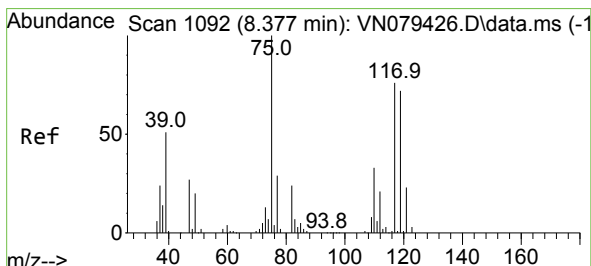
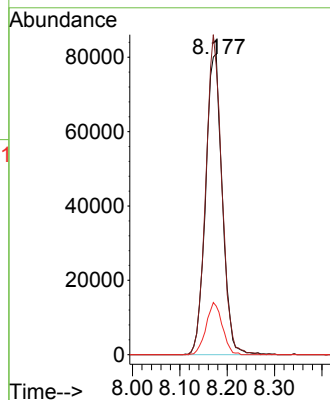
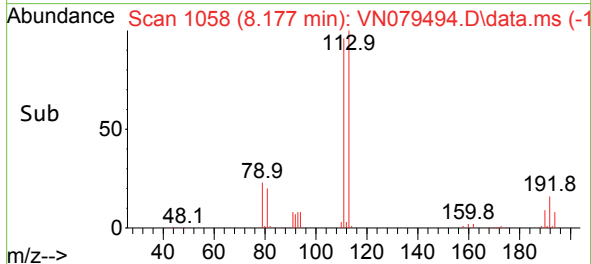


#35
Dibromofluoromethane
Concen: 49.867 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :

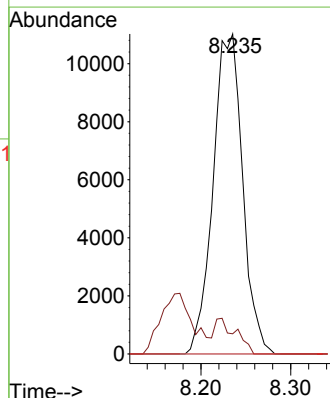
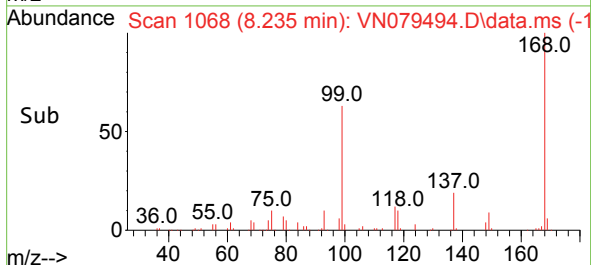
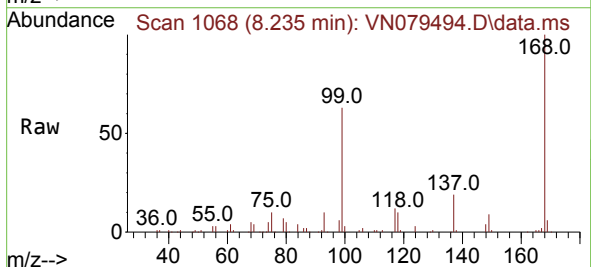


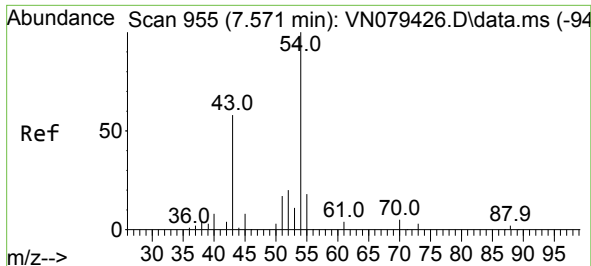
Tgt Ion:113 Resp: 197914
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 16.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.222 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

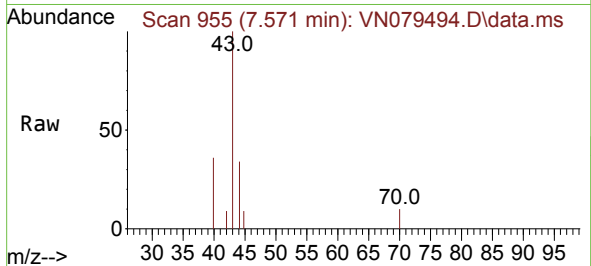
Tgt Ion: 75 Resp: 25151
Ion Ratio Lower Upper
75 100
110 7.7 19.1 57.3#
77 0.0 25.0 37.4#



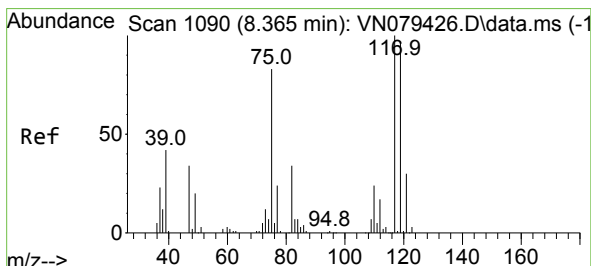
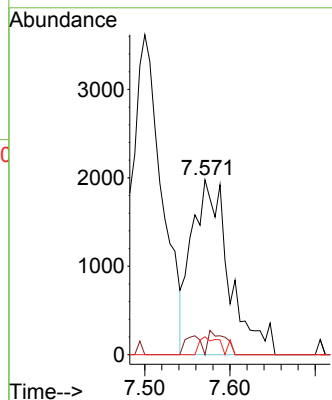
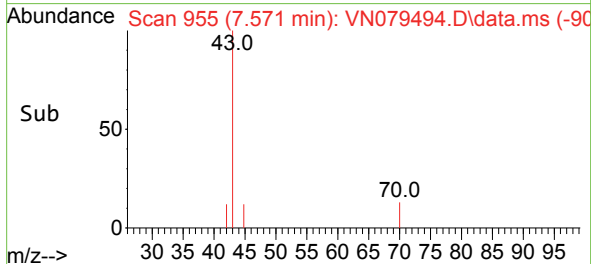


#37
Ethyl Acetate
Concen: 1.014 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Instrument :
MSVOA_N
ClientSampleId :

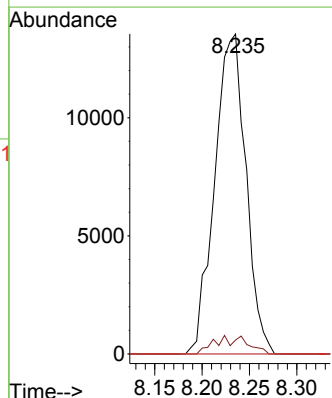
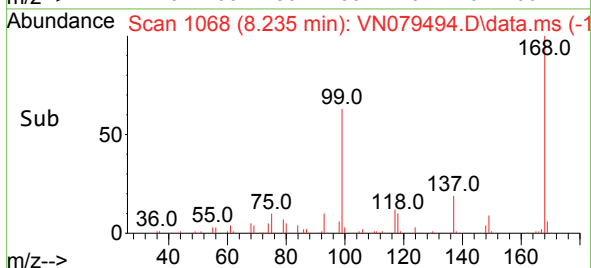
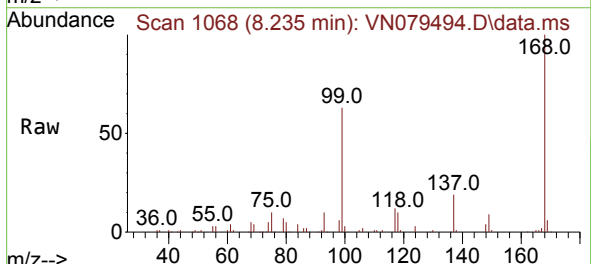


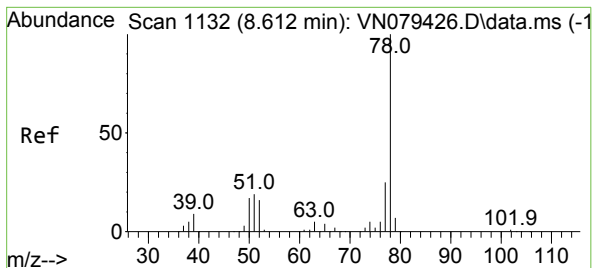
Tgt Ion: 43 Resp: 6013
Ion Ratio Lower Upper
43 100
61 6.1 13.2 19.8#
70 6.1 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 5.216 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.130 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion: 117 Resp: 31106
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 23.3 34.9#





#40

Benzene

Concen: 49.429 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

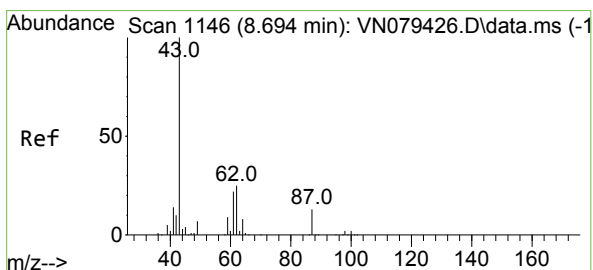
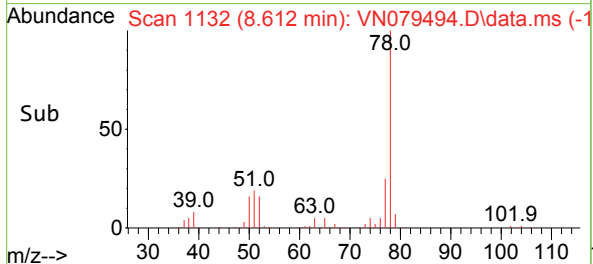
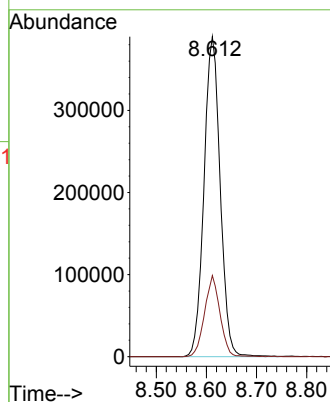
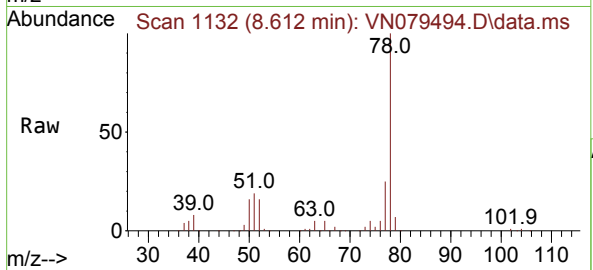
ClientSampleId :

Tgt Ion: 78 Resp: 874406

Ion Ratio Lower Upper

78 100

77 25.3 19.0 28.6



#43

Isopropyl Acetate

Concen: 34.131 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

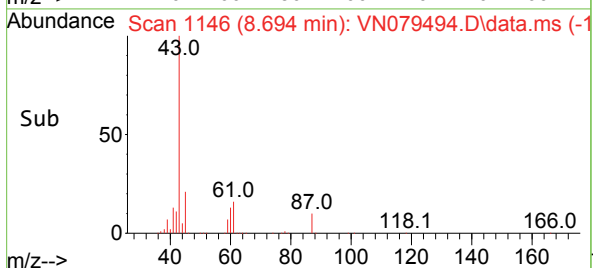
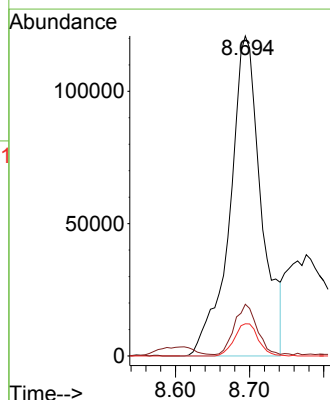
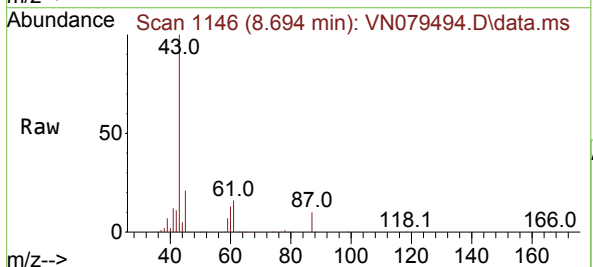
Tgt Ion: 43 Resp: 354415

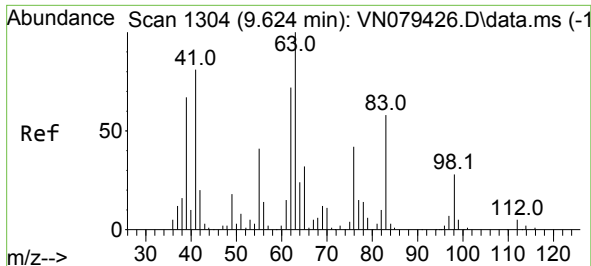
Ion Ratio Lower Upper

43 100

61 11.6 24.7 37.1#

87 7.7 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.538 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

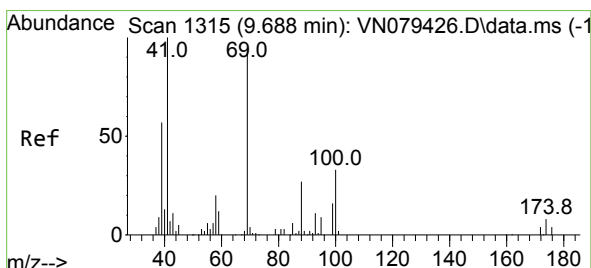
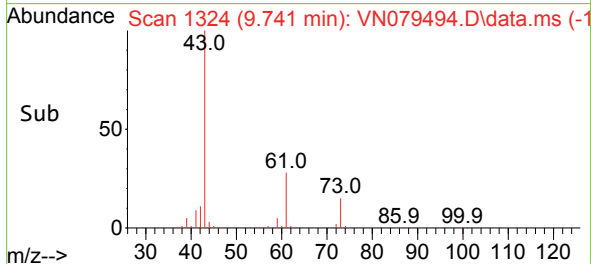
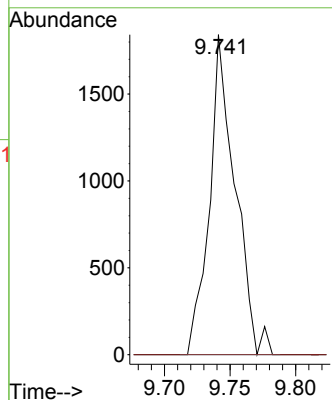
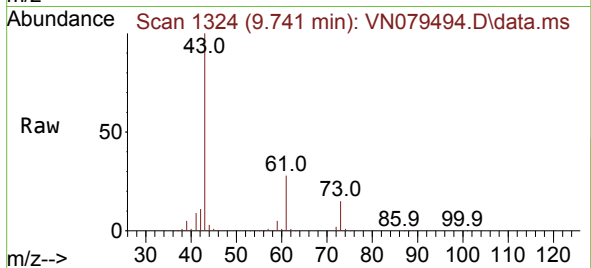
ClientSampleId :

Tgt Ion: 63 Resp: 2509

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.417 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.012 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

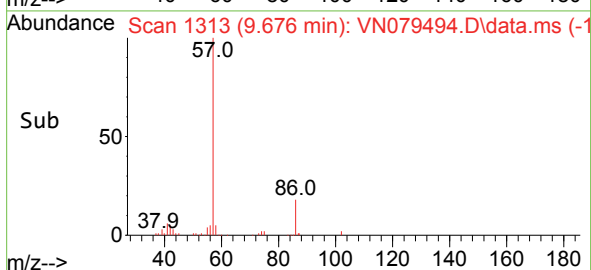
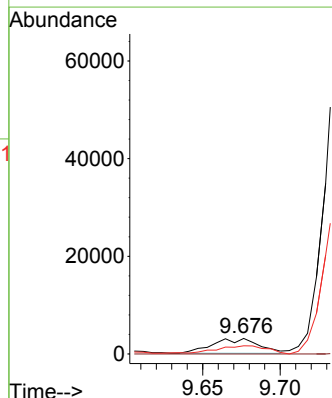
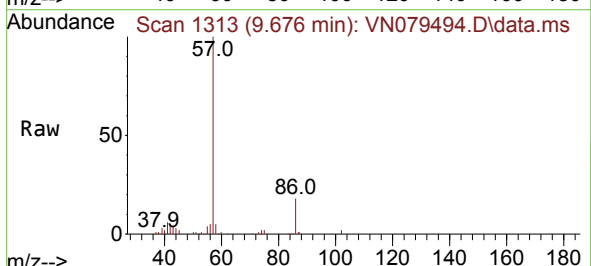
Tgt Ion: 41 Resp: 6306

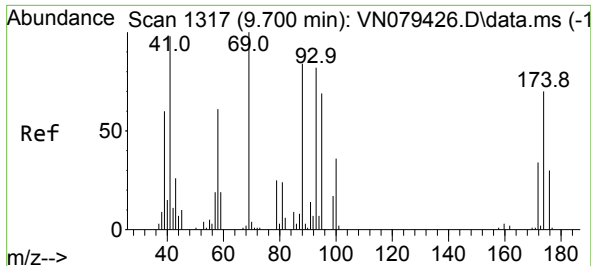
Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 63.4 54.6 81.8





#49

1,4-Dioxane

Concen: 2.794 ug/l

RT: 9.753 min Scan# 1317

Delta R.T. 0.053 min

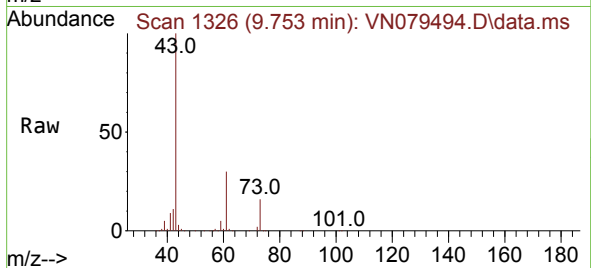
Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :



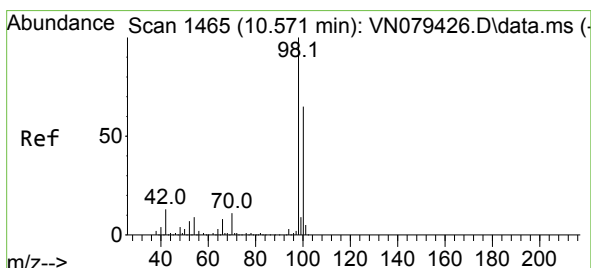
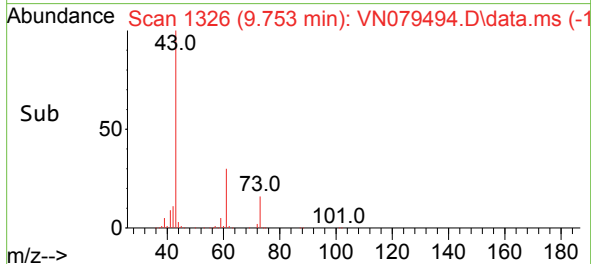
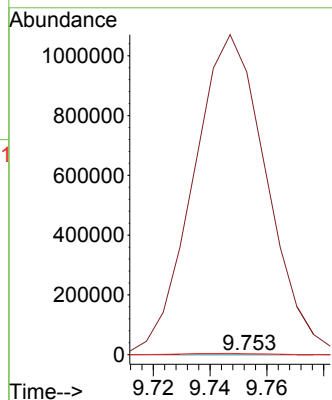
Tgt Ion: 88 Resp: 229

Ion Ratio Lower Upper

88 100

43 847245.9 17.0 25.6#

58 3767.2 47.0 70.4#



#50

Toluene-d8

Concen: 46.848 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079494.D

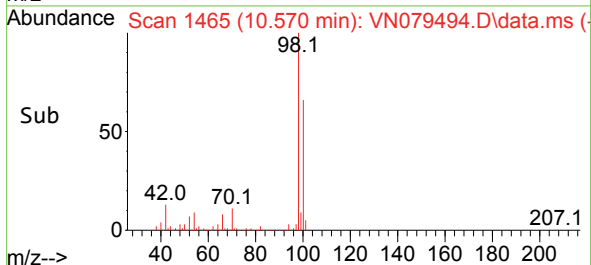
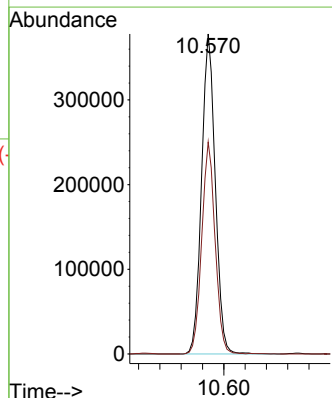
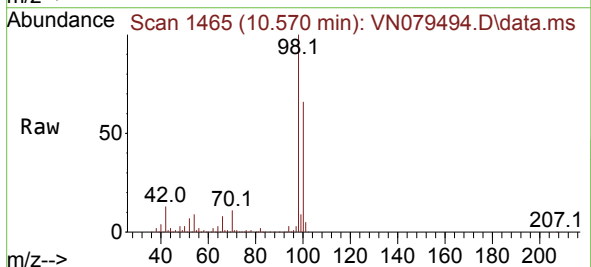
Acq: 10 Oct 2023 15:37

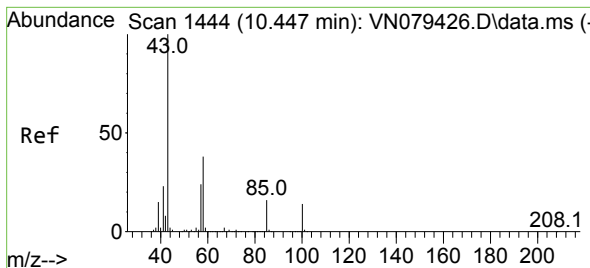
Tgt Ion: 98 Resp: 672749

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

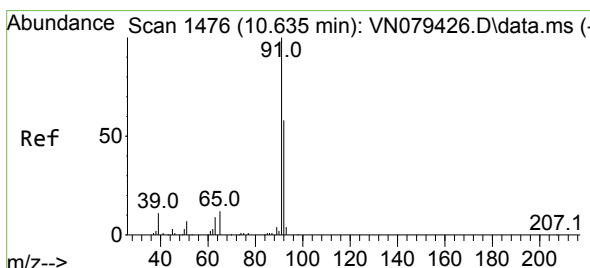
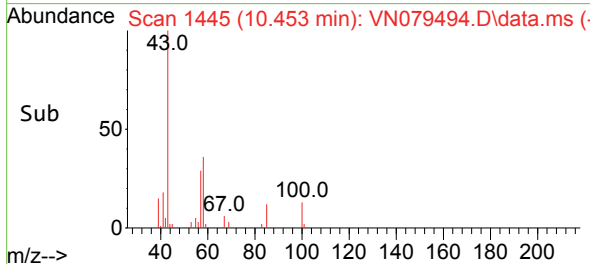
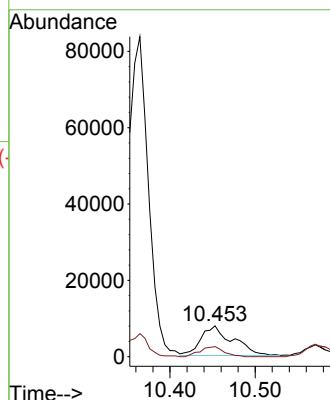
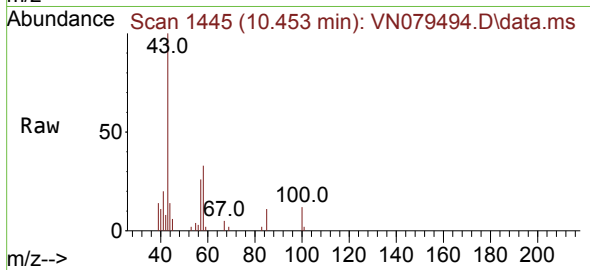




#51
4-Methyl-2-Pentanone
Concen: 3.430 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

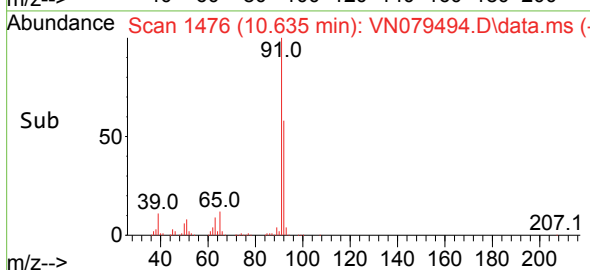
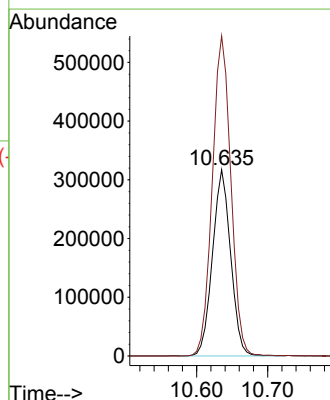
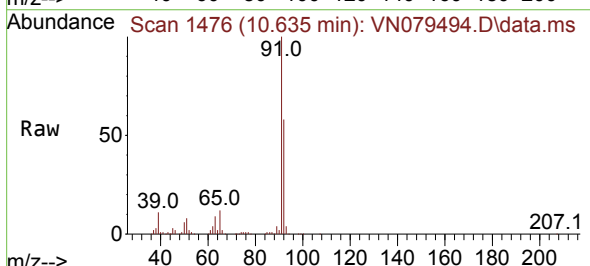
Instrument :
MSVOA_N
ClientSampleId :

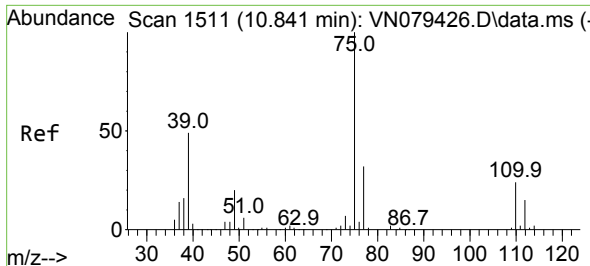
Tgt Ion: 43 Resp: 20103
Ion Ratio Lower Upper
43 100
58 25.5 36.6 54.8#



#52
Toluene
Concen: 53.967 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion: 92 Resp: 561957
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0

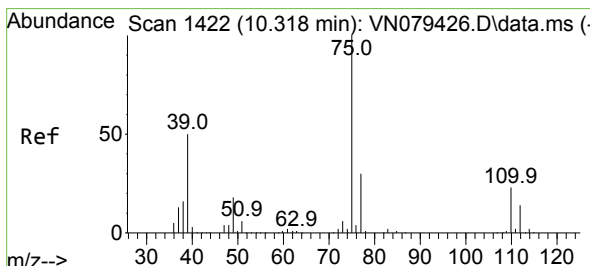
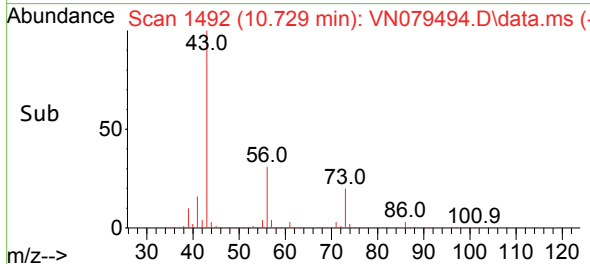
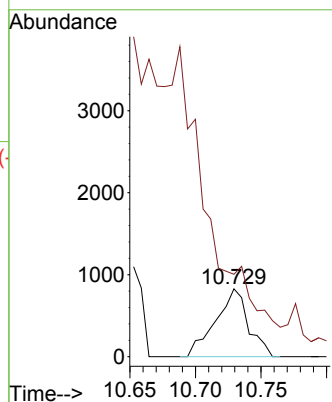
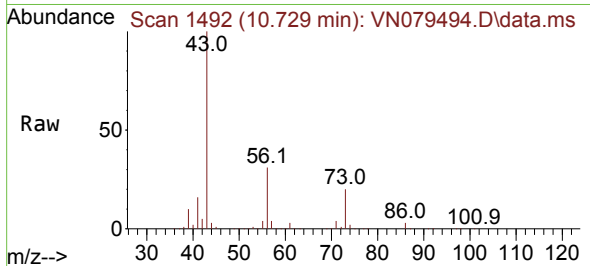




#53
 t-1,3-Dichloropropene
 Concen: 0.231 ug/l
 RT: 10.729 min Scan# 1492
 Delta R.T. -0.112 min
 Lab File: VN079494.D
 Acq: 10 Oct 2023 15:37

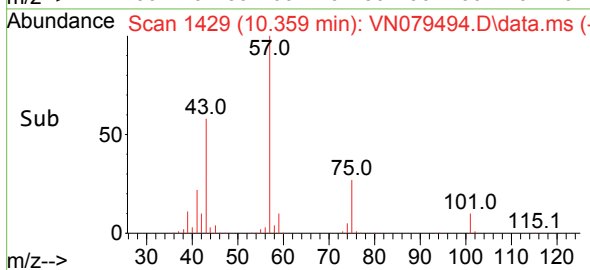
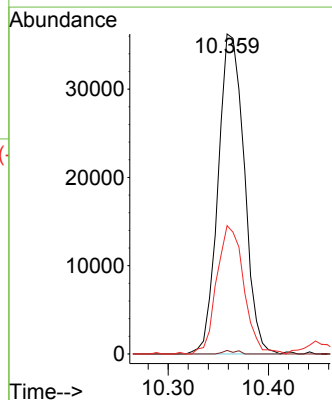
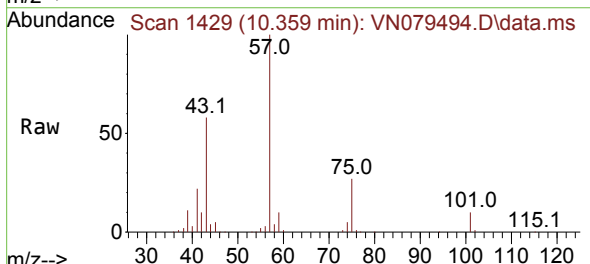
Instrument :
 MSVOA_N
 ClientSampleId :

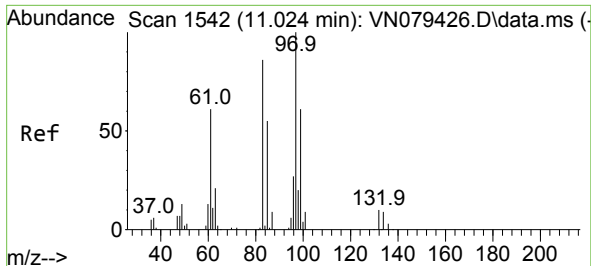
Tgt Ion: 75 Resp: 1444
 Ion Ratio Lower Upper
 75 100
 77 78.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 9.569 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN079494.D
 Acq: 10 Oct 2023 15:37

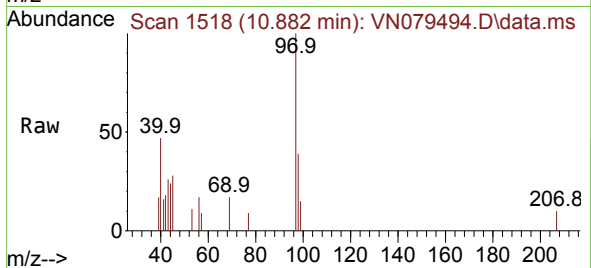
Tgt Ion: 75 Resp: 65550
 Ion Ratio Lower Upper
 75 100
 77 1.1 26.1 39.1#
 39 39.6 31.6 47.4



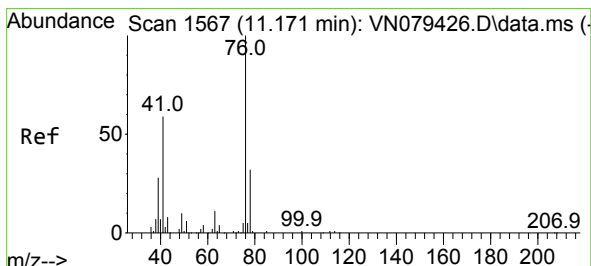
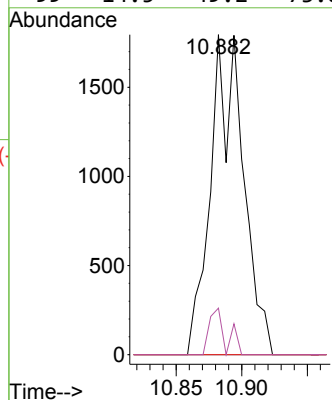
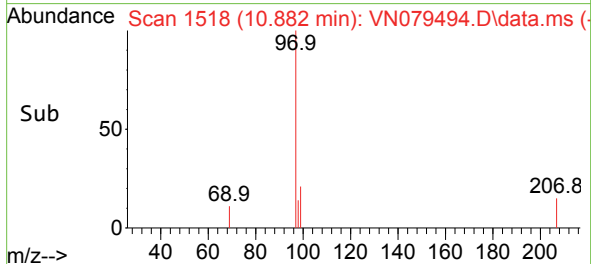


#55
 1,1,2-Trichloroethane
 Concen: 0.737 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. -0.141 min
 Lab File: VN079494.D
 Acq: 10 Oct 2023 15:37

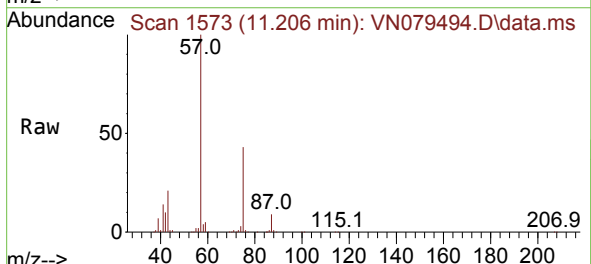
Instrument :
 MSVOA_N
 ClientSampleId :



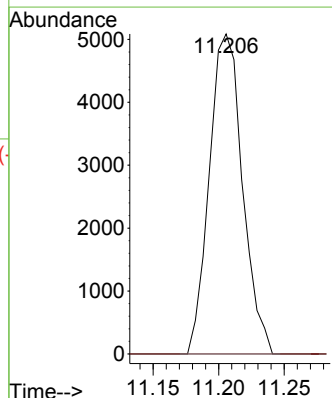
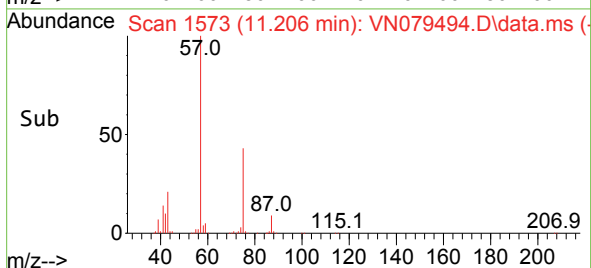
Tgt Ion: 97	Resp: 3081
Ion Ratio	Lower Upper
97 100	
83 0.0	65.1 97.7#
85 0.0	43.4 65.2#
99 14.5	49.2 73.8#

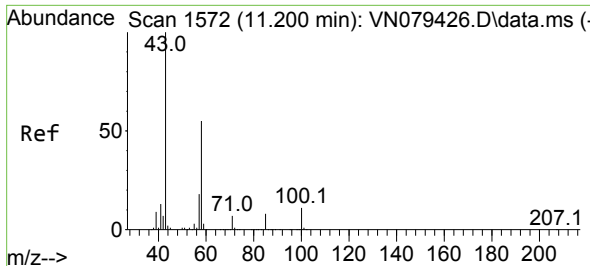


#57
 1,3-Dichloropropane
 Concen: 1.240 ug/l
 RT: 11.206 min Scan# 1573
 Delta R.T. 0.035 min
 Lab File: VN079494.D
 Acq: 10 Oct 2023 15:37



Tgt Ion: 76	Resp: 8949
Ion Ratio	Lower Upper
76 100	
78 0.0	26.1 39.1#

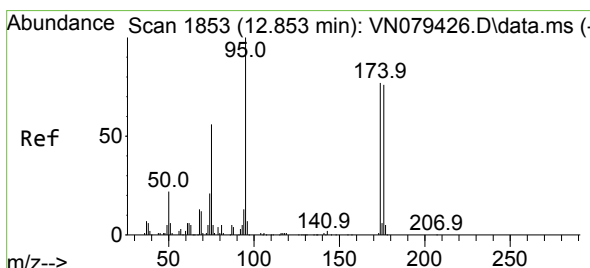
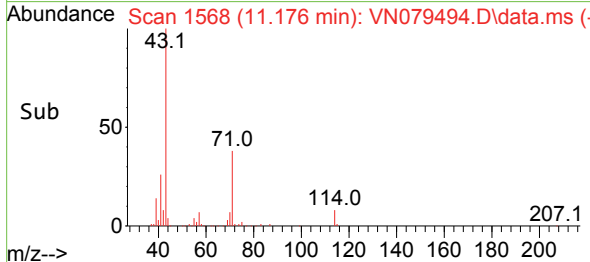
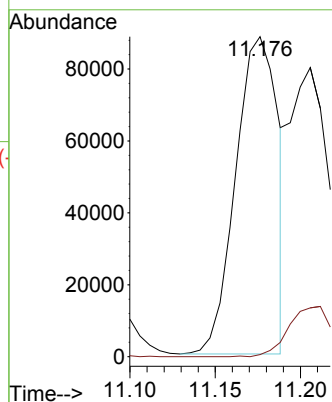
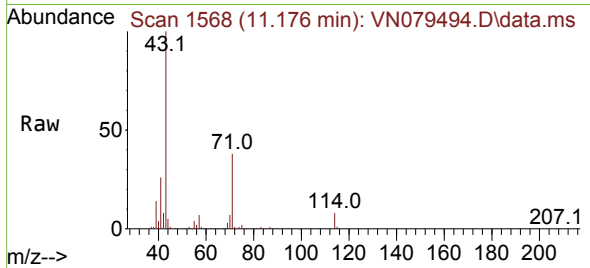




#59
2-Hexanone
Concen: 36.008 ug/l
RT: 11.176 min Scan# 11568
Delta R.T. -0.024 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

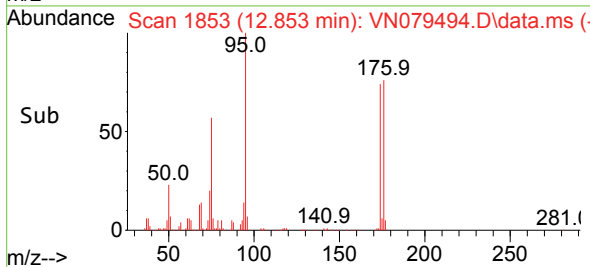
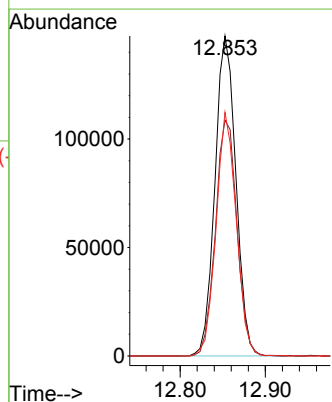
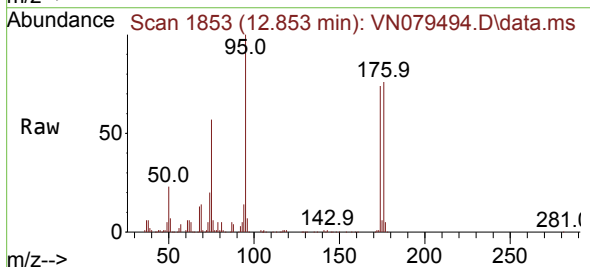
Instrument :
MSVOA_N
ClientSampleId :

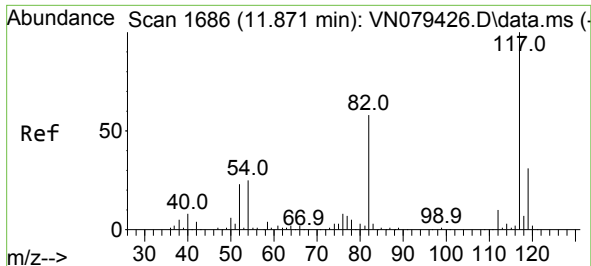
Tgt Ion: 43 Resp: 152309
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 54.575 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion: 95 Resp: 251511
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 73.3 0.0 135.8

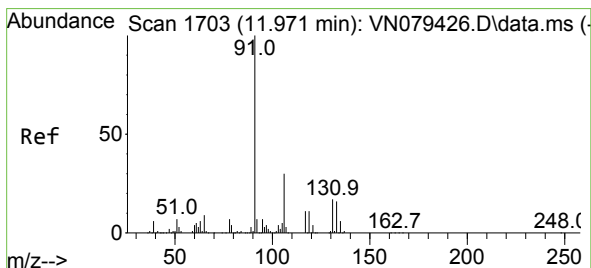
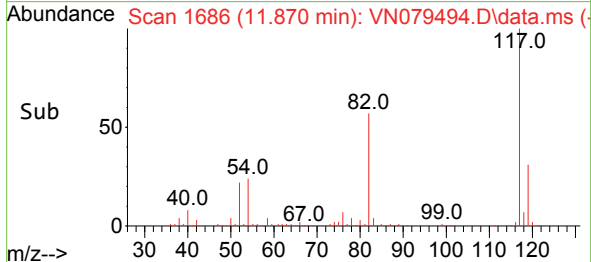
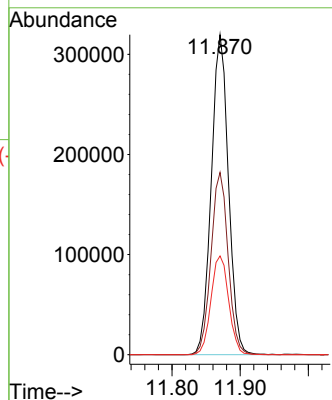
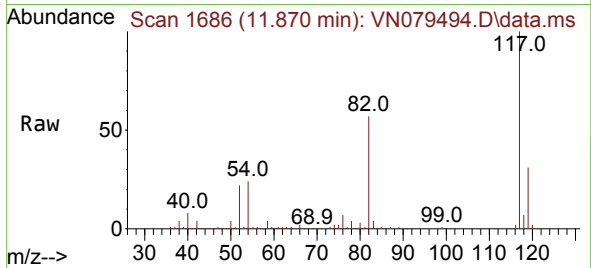




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

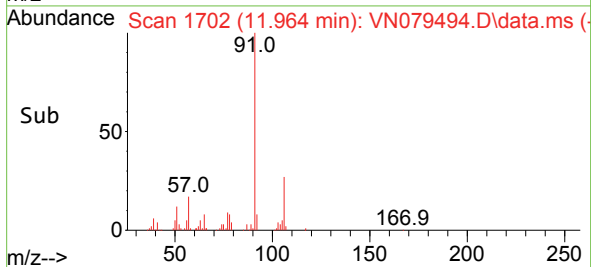
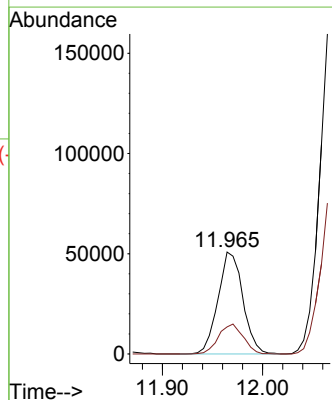
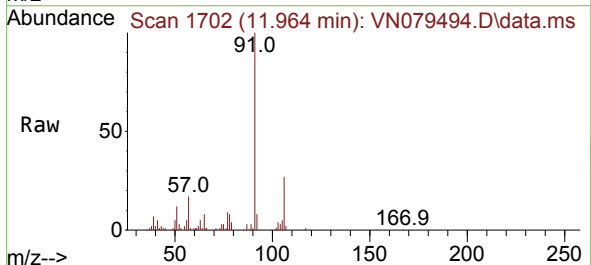
Instrument :
MSVOA_N
ClientSampleId :

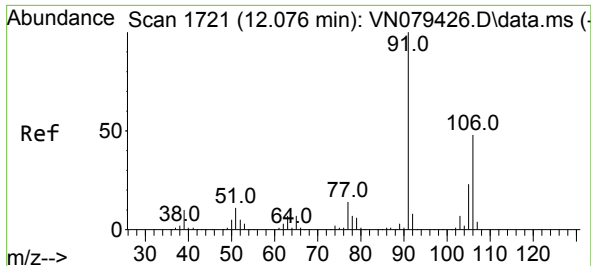
Tgt Ion:117 Resp: 560009
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 30.9 25.6 38.4



#67
Ethyl Benzene
Concen: 4.029 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion: 91 Resp: 87343
Ion Ratio Lower Upper
91 100
106 26.6 25.6 38.4

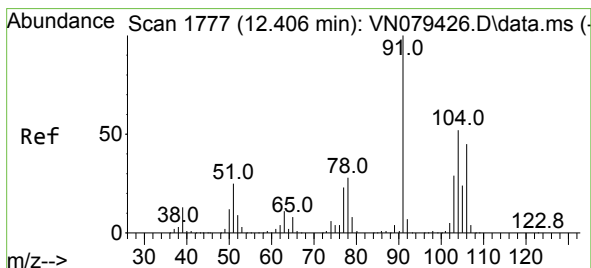
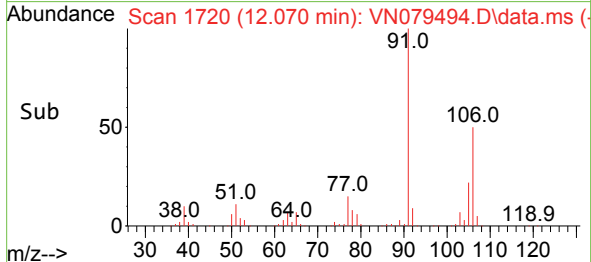
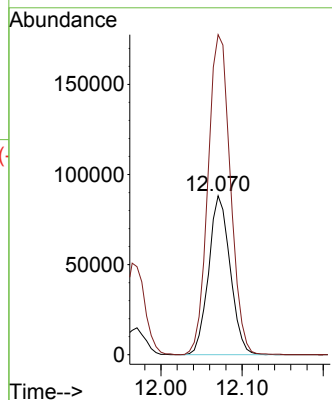
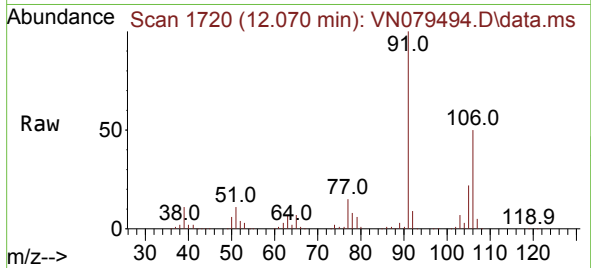




#68
m/p-Xylenes
Concen: 20.581 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

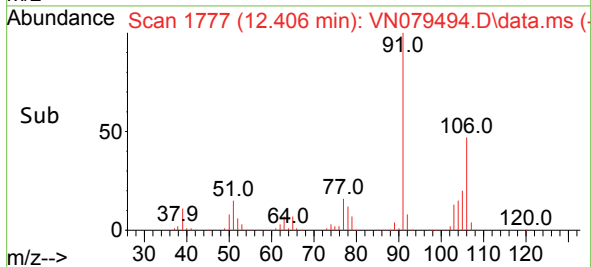
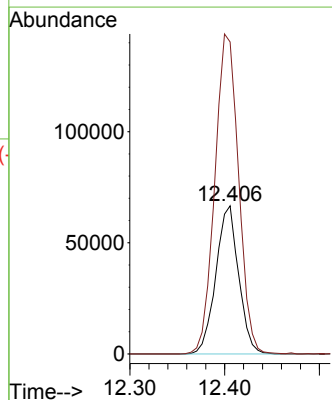
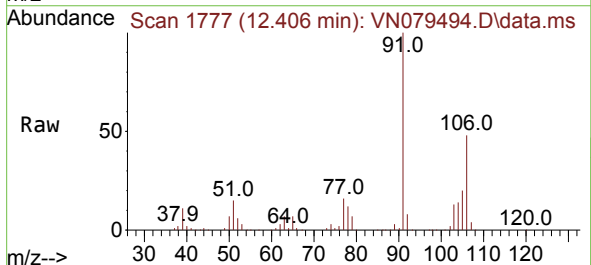
Instrument :
MSVOA_N
ClientSampleId :

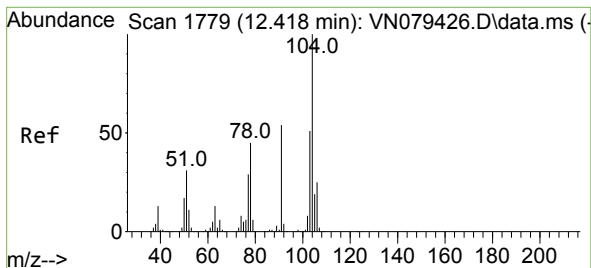
Tgt Ion:106 Resp: 162103
Ion Ratio Lower Upper
106 100
91 210.0 159.6 239.4



#69
o-Xylene
Concen: 14.356 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079494.D
Acq: 10 Oct 2023 15:37

Tgt Ion:106 Resp: 111200
Ion Ratio Lower Upper
106 100
91 225.6 105.2 315.5





#70

Styrene

Concen: 4.060 ug/l

RT: 12.417 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079494.D

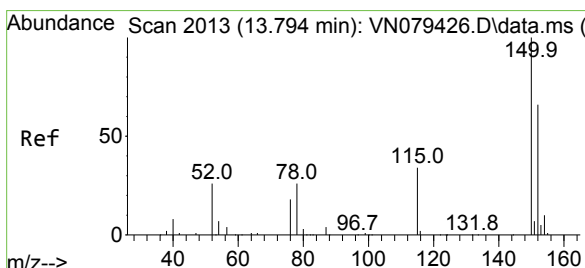
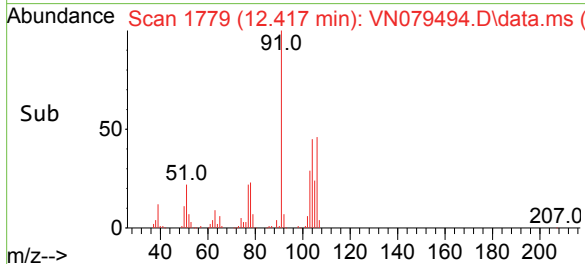
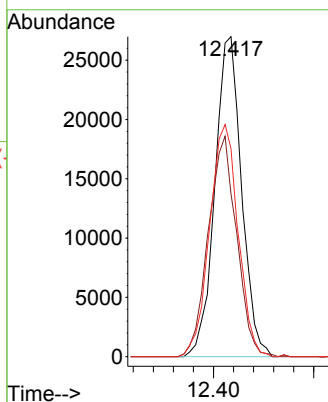
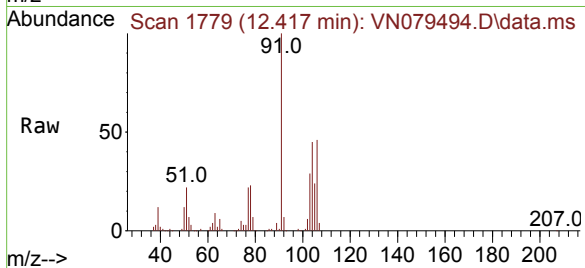
Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	49670
Ion Ratio	Lower	Upper
104	100	
78	73.0	39.5 59.3#
103	77.7	43.2 64.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

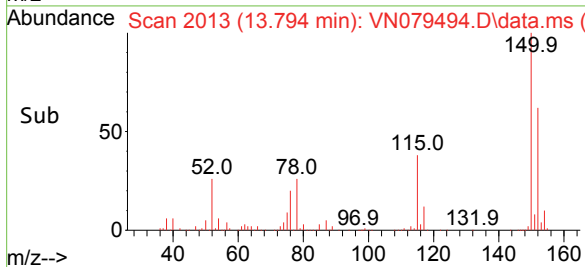
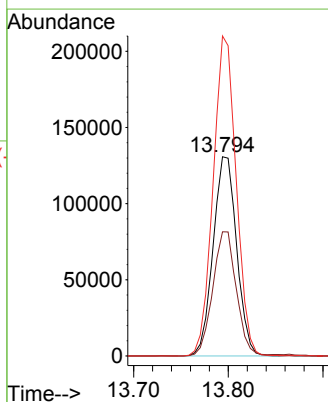
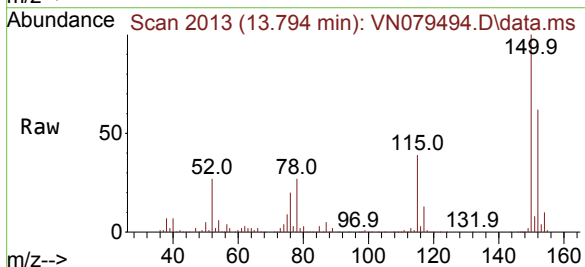
RT: 13.794 min Scan# 2013

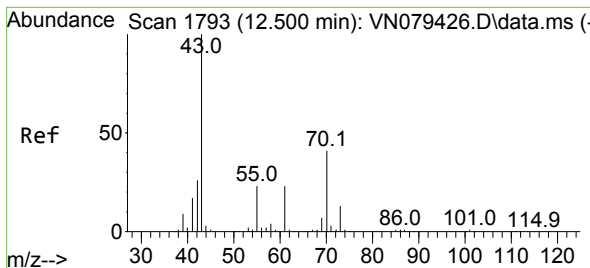
Delta R.T. -0.000 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Tgt Ion:152	Resp:	226013
Ion Ratio	Lower	Upper
152	100	
115	62.7	32.3 96.8
150	157.0	0.0 355.8





#74

N-amy1 acetate

Concen: 0.277 ug/l

RT: 12.464 min Scan# 1

Delta R.T. -0.035 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 2384

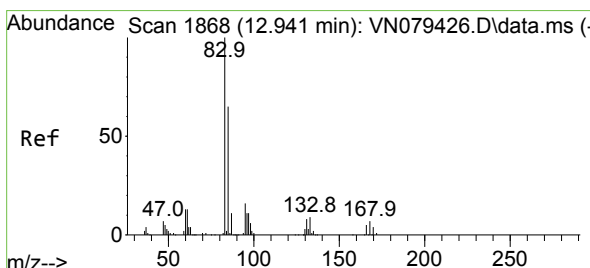
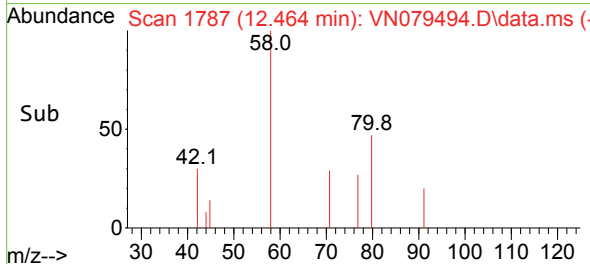
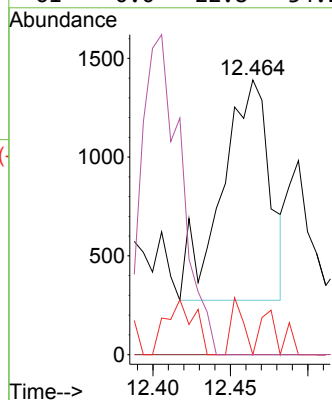
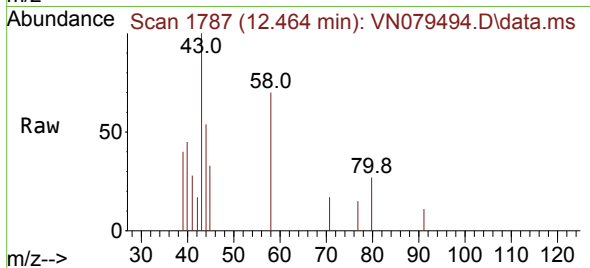
Ion Ratio Lower Upper

43 100

70 0.0 43.4 65.2#

55 8.5 21.4 32.0#

61 0.0 22.8 34.2#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.853 min Scan# 1853

Delta R.T. -0.088 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

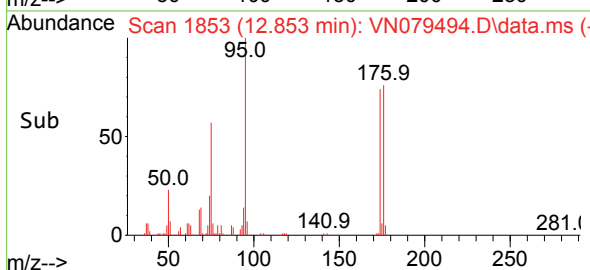
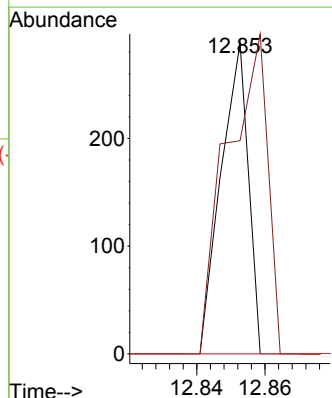
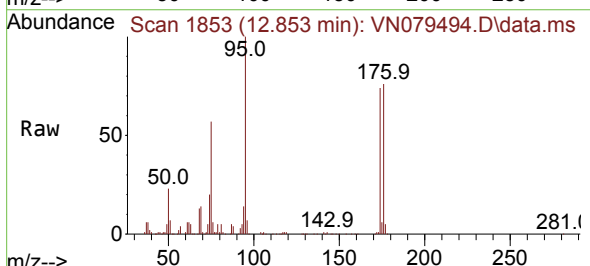
Tgt Ion: 83 Resp: 160

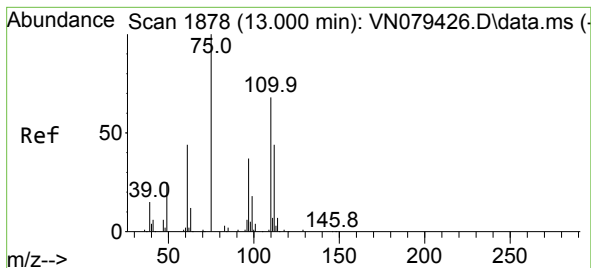
Ion Ratio Lower Upper

83 100

131 152.5 5.0 15.0#

85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 22.038 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

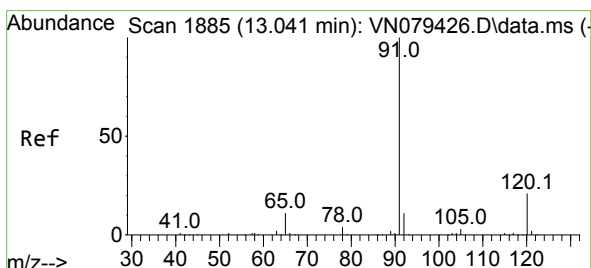
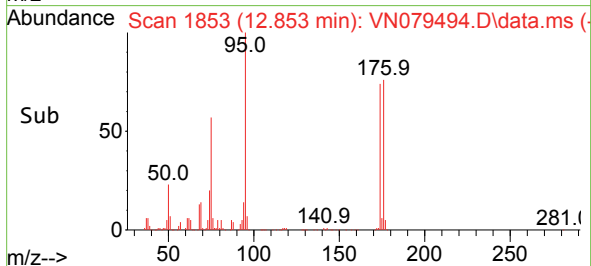
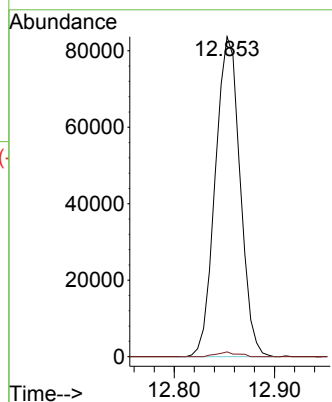
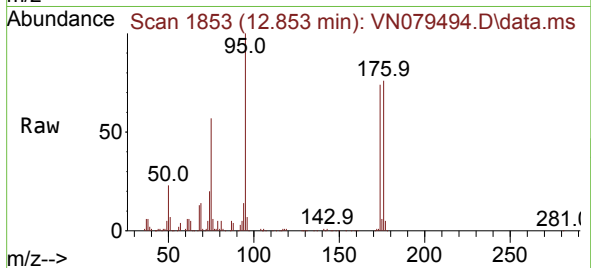
ClientSampleId :

Tgt Ion: 75 Resp: 143610

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#78

n-propylbenzene

Concen: 0.343 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079494.D

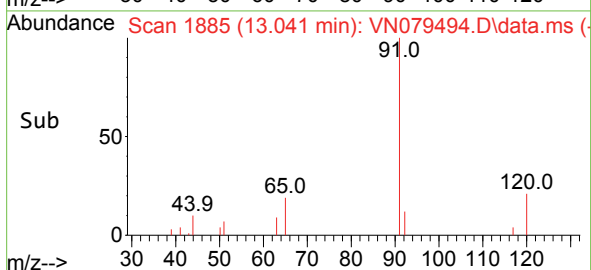
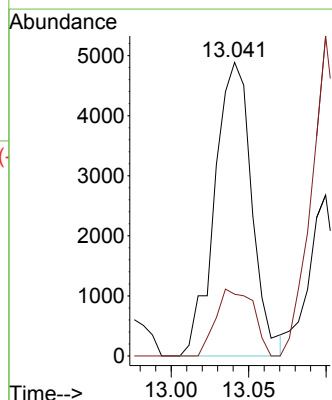
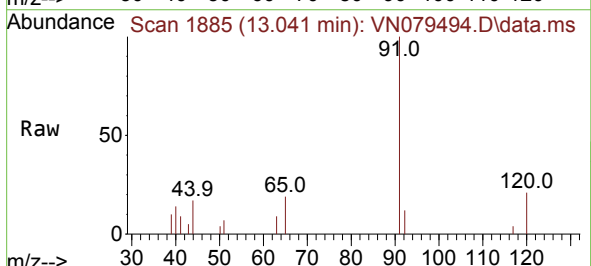
Acq: 10 Oct 2023 15:37

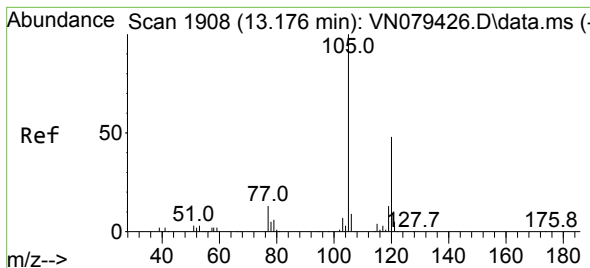
Tgt Ion: 91 Resp: 8156

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 1.516 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

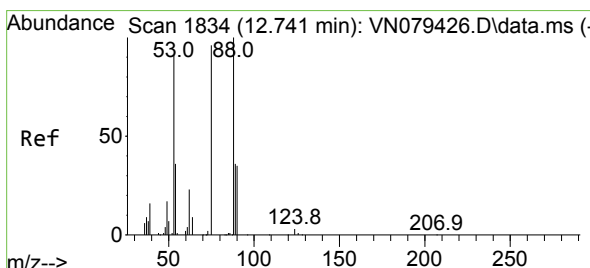
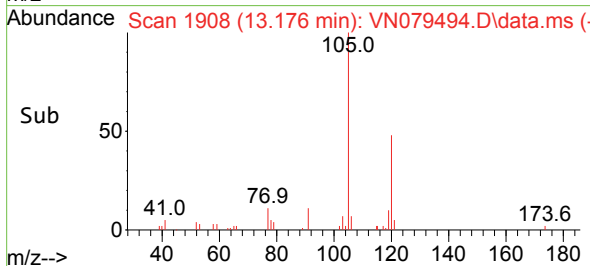
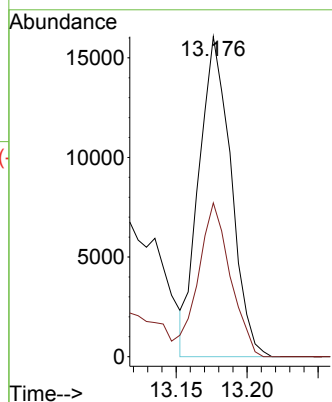
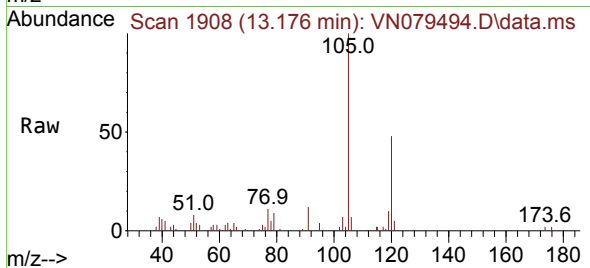
ClientSampleId :

Tgt Ion:105 Resp: 25130

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 63.943 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

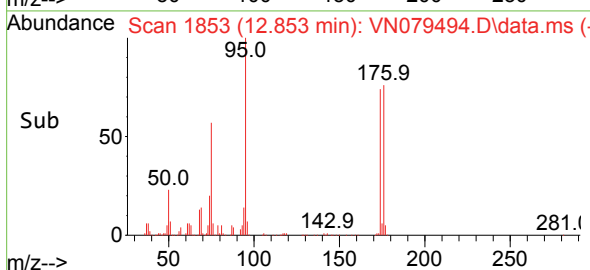
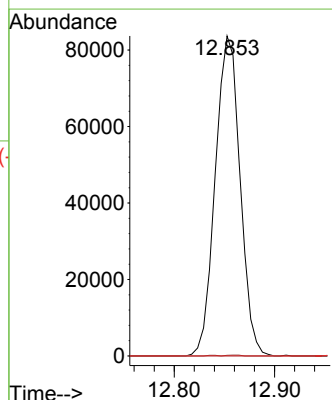
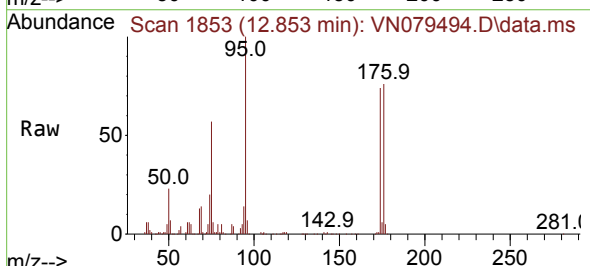
Tgt Ion: 75 Resp: 143610

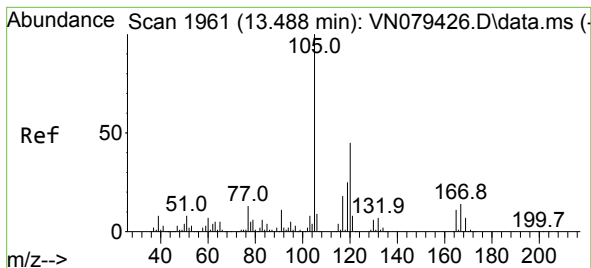
Ion Ratio Lower Upper

75 100

53 0.2 67.4 101.2#

89 0.0 38.8 58.2#





#84

1,2,4-Trimethylbenzene

Concen: 4.308 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

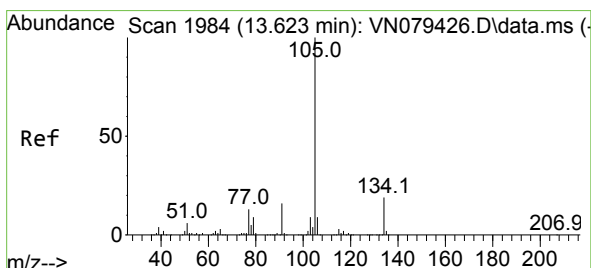
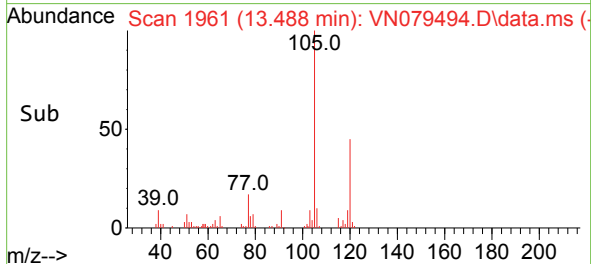
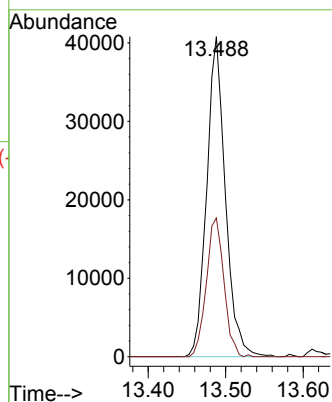
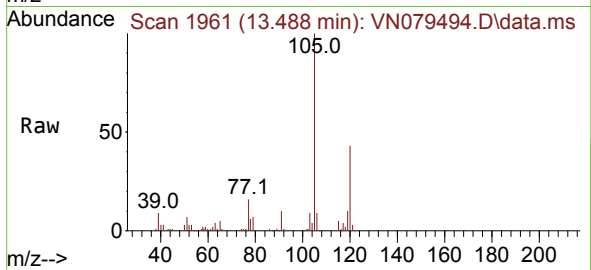
ClientSampleId :

Tgt Ion:105 Resp: 68171

Ion Ratio Lower Upper

105 100

120 40.9 22.0 66.0



#85

sec-Butylbenzene

Concen: 3.598 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.135 min

Lab File: VN079494.D

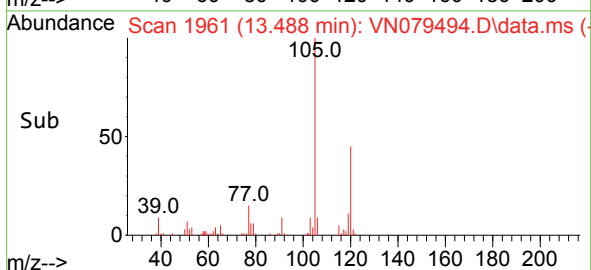
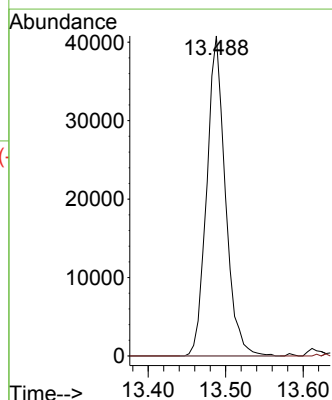
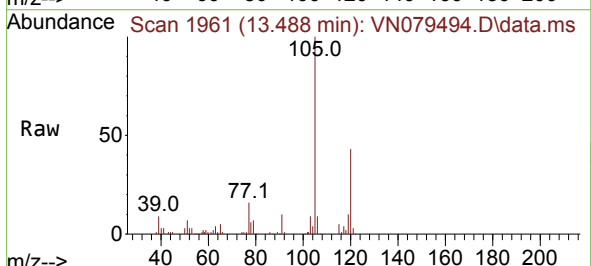
Acq: 10 Oct 2023 15:37

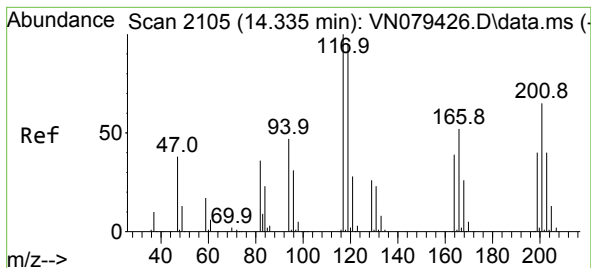
Tgt Ion:105 Resp: 68171

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#





#90

Hexachloroethane

Concen: Below Cal

RT: 14.329 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Instrument :

MSVOA_N

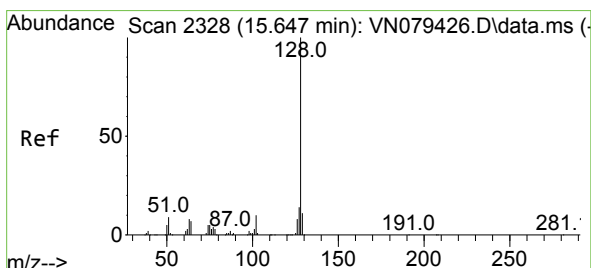
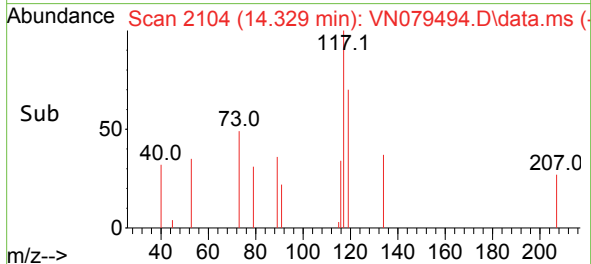
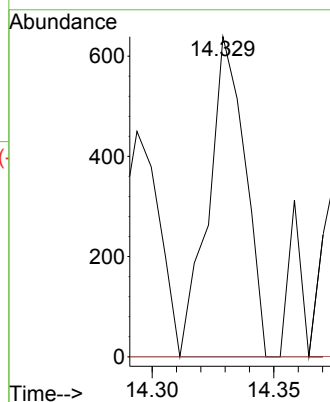
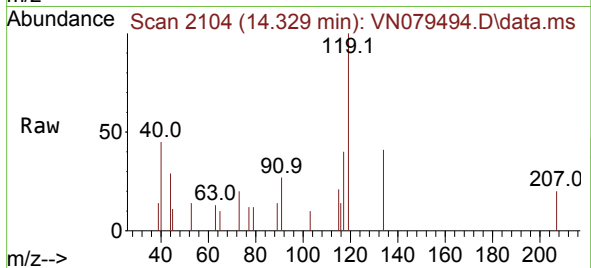
ClientSampleId :

Tgt Ion:117 Resp: 669

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#95

Naphthalene

Concen: 64.760 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079494.D

Acq: 10 Oct 2023 15:37

Tgt Ion:128 Resp: 488537

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.8 8.7 13.1

