

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080159.D
 Acq On : 17 Nov 2023 13:41
 Operator : JC\MD
 Sample : 05445-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 18 02:29:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	172671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	337864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142117	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152499	53.488	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.980%	
35) Dibromofluoromethane	8.171	113	121238	51.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.580%	
50) Toluene-d8	10.571	98	439435	52.077	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.853	95	163973	51.447	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.900%	

Target Compounds			Qvalue			
3) Chloromethane	2.353	50	540	0.279	ug/l #	42
5) Bromomethane	2.965	94	666	0.479	ug/l #	48
6) Chloroethane	3.100	64	527	Below Cal	#	43
10) Methyl Iodide	4.577	142	473	0.224	ug/l #	38
16) Acetone	4.430	43	46606	48.669	ug/l	97
17) Carbon Disulfide	4.700	76	4480	0.822	ug/l #	75
18) Methyl Acetate	5.030	43	1315	0.427	ug/l #	69
20) Methylene Chloride	5.277	84	14578	7.269	ug/l #	80
25) 2-Butanone	7.494	43	10872	9.556	ug/l	92
29) Tetrahydrofuran	7.841	42	129	0.211	ug/l	88
31) Cyclohexane	8.224	56	3356	1.082	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	14663	4.327	ug/l #	50
37) Ethyl Acetate	7.571	43	3413	1.452	ug/l #	71
38) Carbon Tetrachloride	8.224	117	18255	4.245	ug/l #	16
41) Methacrylonitrile	7.859	41	306	0.237	ug/l #	34
43) Isopropyl Acetate	8.694	43	119351	26.090	ug/l #	86
45) 1,2-Dichloropropane	9.741	63	1437	0.642	ug/l #	45
48) Methyl methacrylate	9.671	41	3483	1.477	ug/l #	31
49) 1,4-Dioxane	9.741	88	58	1.479	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	11214	4.735	ug/l #	72
54) cis-1,3-Dichloropropene	10.359	75	48647	12.434	ug/l #	68
57) 1,3-Dichloropropane	11.206	76	5840	1.454	ug/l #	42
59) 2-Hexanone	11.176	43	95073	49.957	ug/l #	19
68) m/p-Xylenes	12.070	106	2356	0.474	ug/l	85
69) o-Xylene	12.400	106	1124	0.240	ug/l	93
74) N-amyl acetate	12.488	43	966	0.280	ug/l #	40
76) 1,2,3-Trichloropropane	12.853	75	91779	26.357	ug/l #	1
77) Bromobenzene	12.976	156	579	0.208	ug/l	83
79) 2-Chlorotoluene	13.229	91	1821	0.227	ug/l	83
81) trans-1,4-Dichloro-2-b...	12.853	75	91779	89.050	ug/l #	15
82) 4-Chlorotoluene	13.229	91	1821	0.222	ug/l	81
84) 1,2,4-Trimethylbenzene	13.488	105	2464	0.260	ug/l	71
87) 1,3-Dichlorobenzene	13.729	146	1339	0.267	ug/l	93
88) 1,4-Dichlorobenzene	13.729	146	1339	0.266	ug/l	92
89) n-Butylbenzene	14.059	91	2689	0.369	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	1344	0.280	ug/l	81

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Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

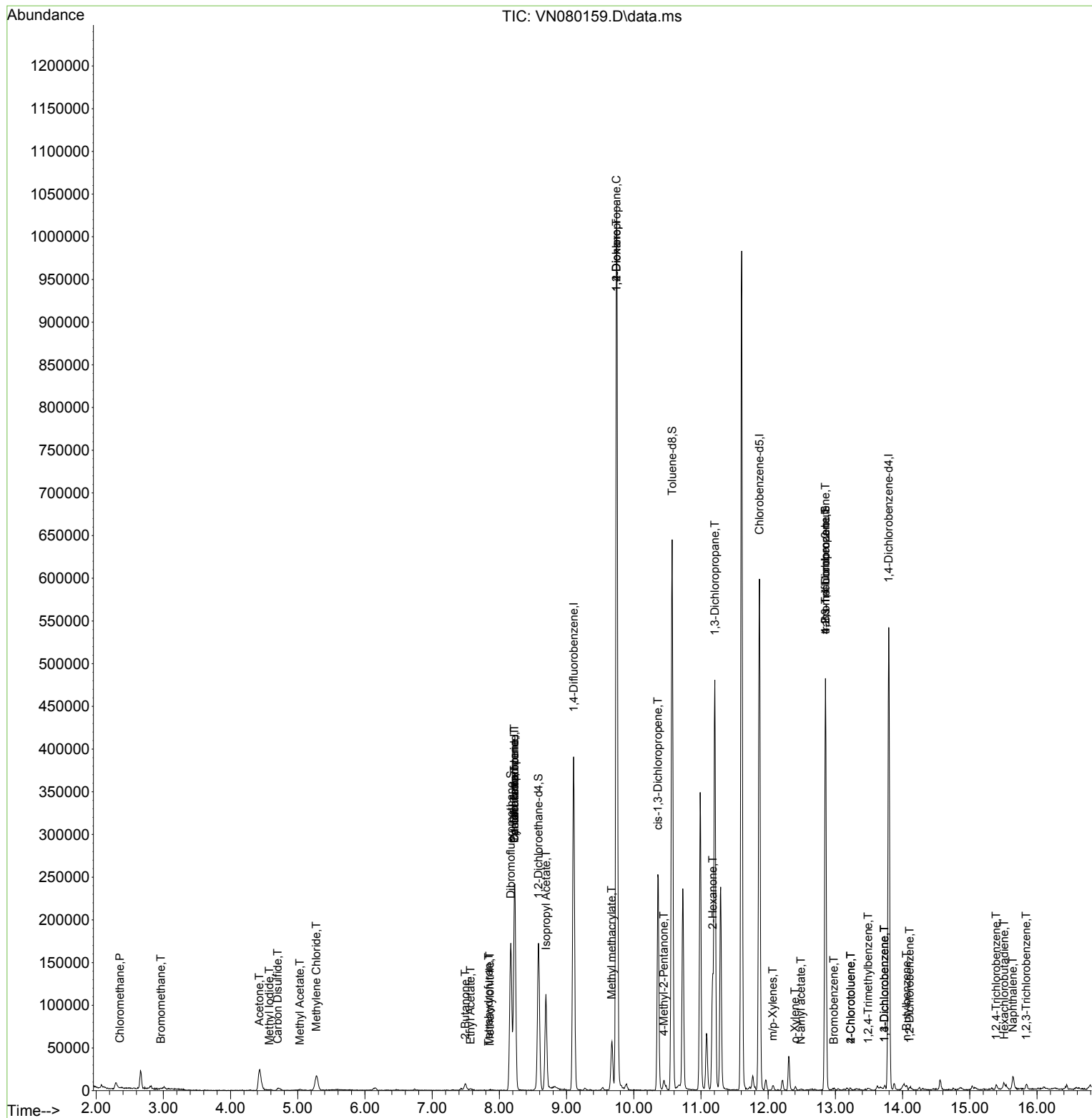
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.394	180	1988	0.712	ug/l	94
94) Hexachlorobutadiene	15.511	225	1207	0.751	ug/l	91
95) Naphthalene	15.641	128	13424	1.658	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	2183	0.834	ug/l	94

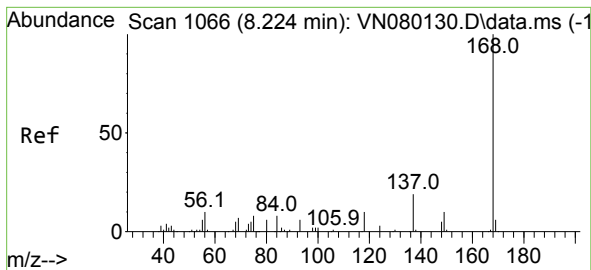
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

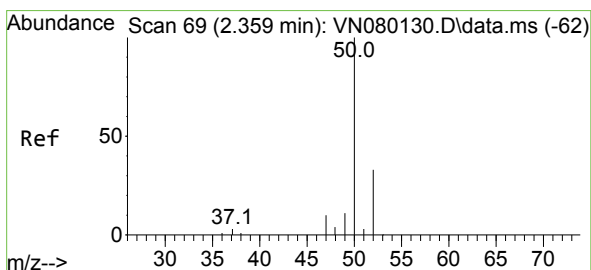
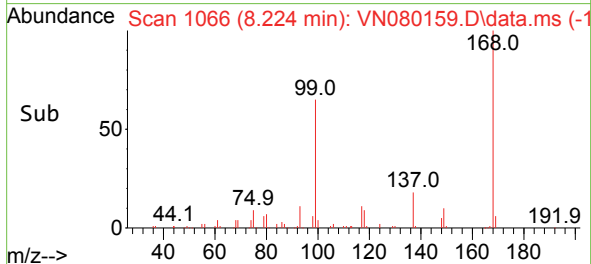
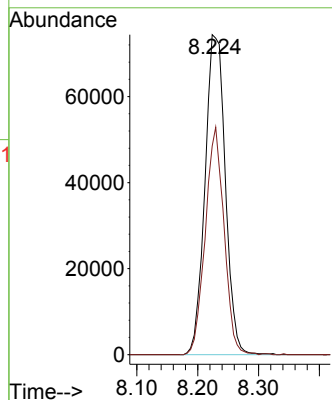
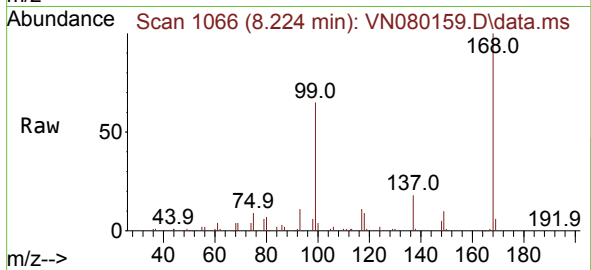
ClientSampleId :

Tgt Ion:168 Resp: 172671

Ion Ratio Lower Upper

168 100

99 65.2 53.0 79.6



#3

Chloromethane

Concen: 0.279 ug/l

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN080159.D

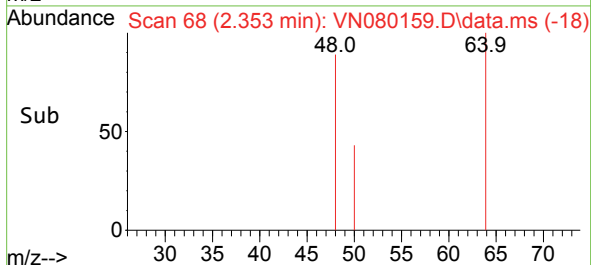
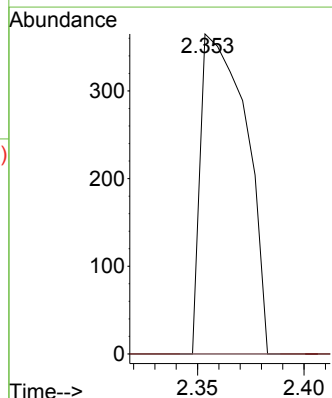
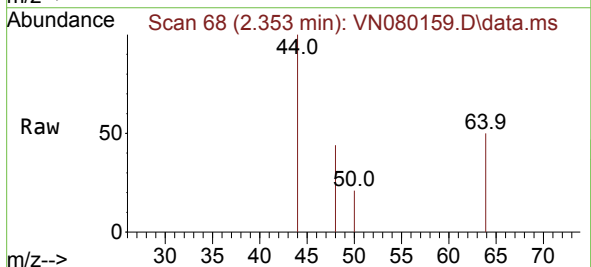
Acq: 17 Nov 2023 13:41

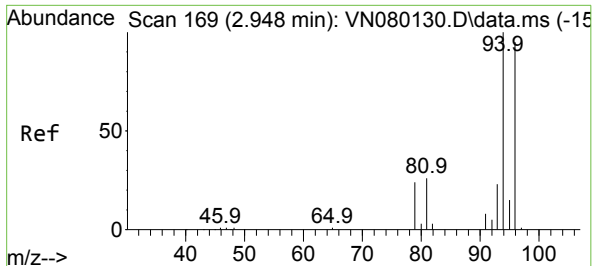
Tgt Ion: 50 Resp: 540

Ion Ratio Lower Upper

50 100

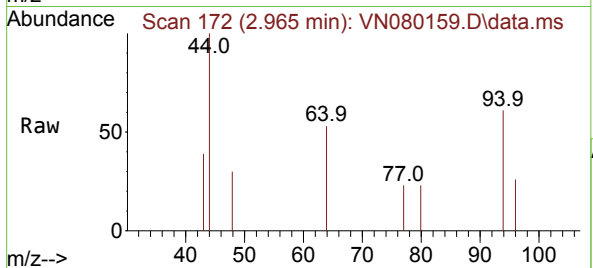
52 0.0 26.5 39.7#



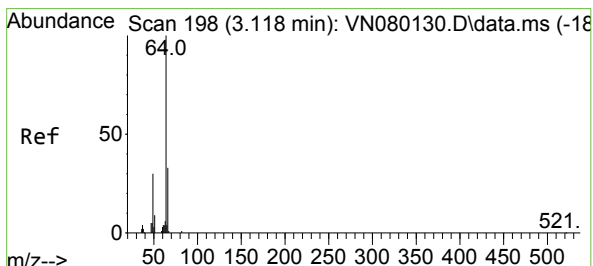
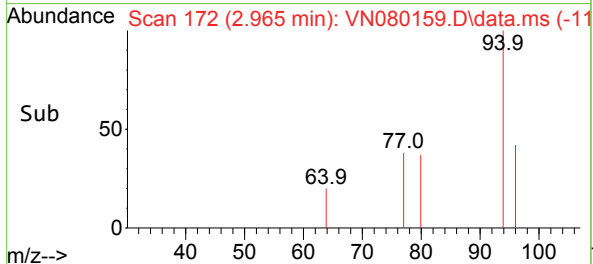
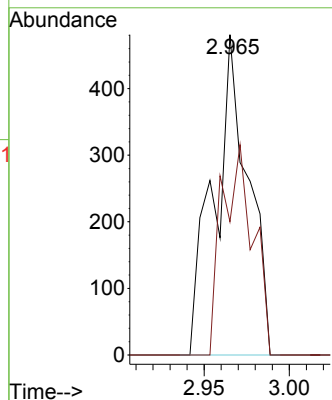


#5
Bromomethane
Concen: 0.479 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Instrument :
MSVOA_N
ClientSampleId :

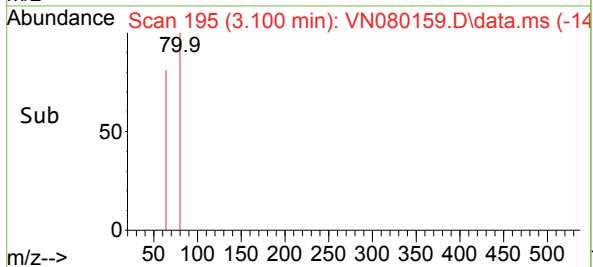
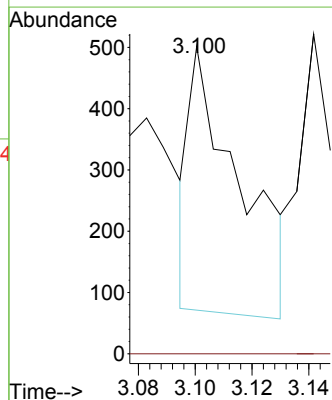
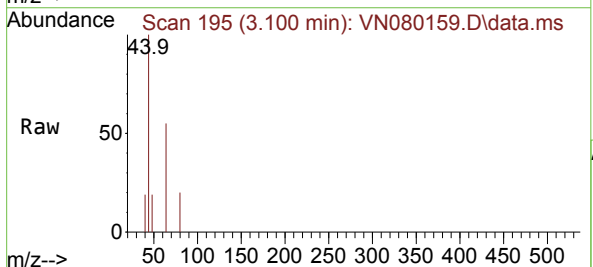


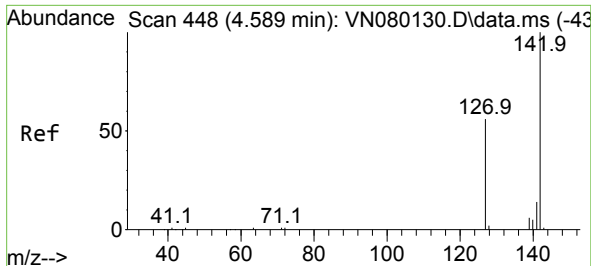
Tgt Ion: 94 Resp: 666
Ion Ratio Lower Upper
94 100
96 41.6 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.100 min Scan# 195
Delta R.T. -0.018 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

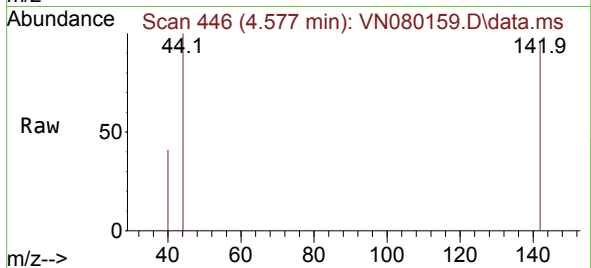
Tgt Ion: 64 Resp: 527
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



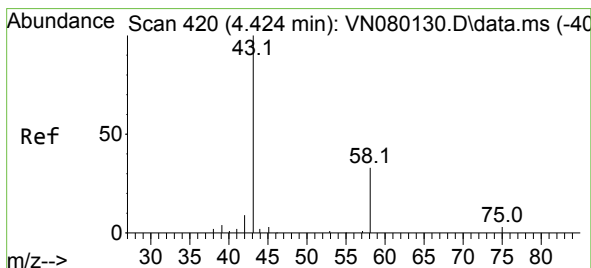
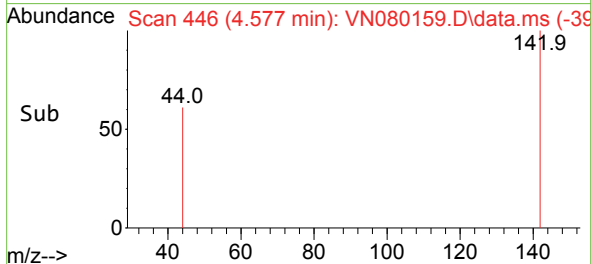
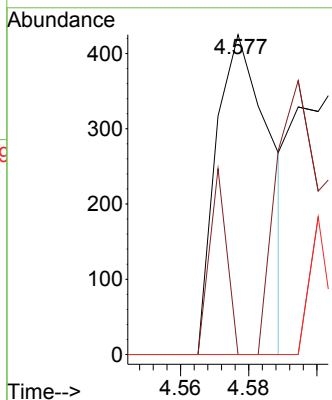


#10
Methyl Iodide
Concen: 0.224 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Instrument :
MSVOA_N
ClientSampleId :

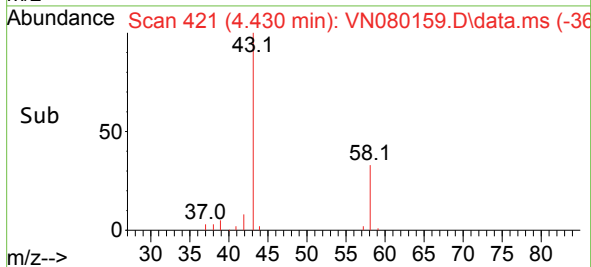
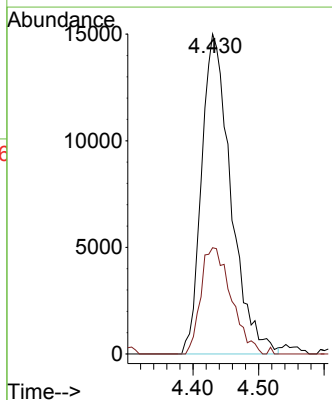
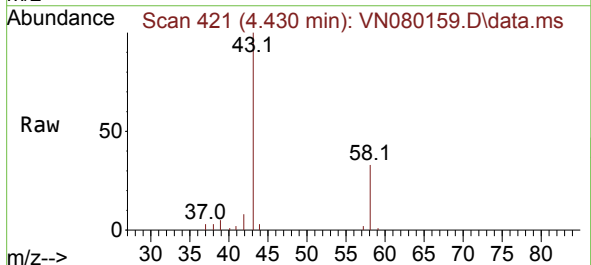


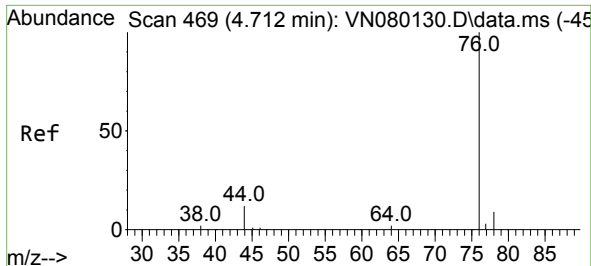
Tgt Ion:142 Resp: 473
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 48.669 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Tgt Ion: 43 Resp: 46606
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0

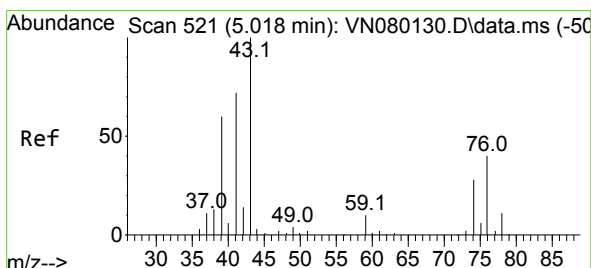
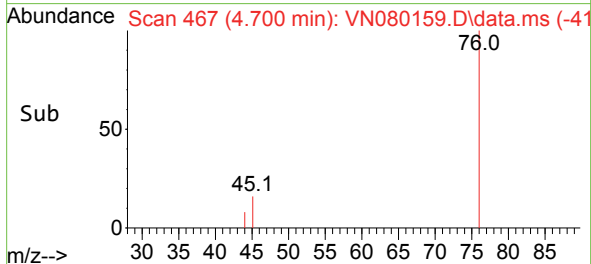
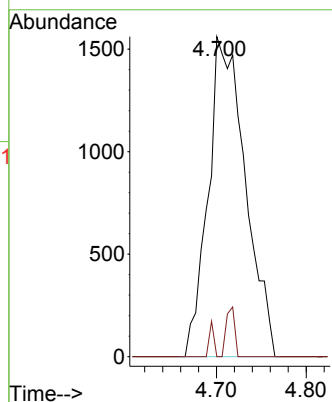
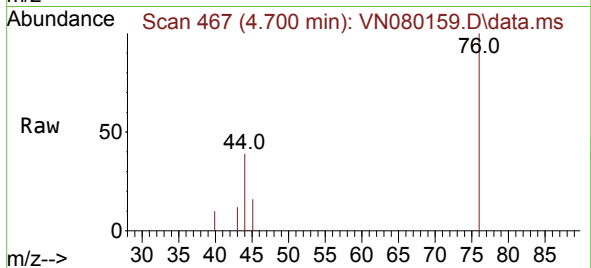




#17
Carbon Disulfide
Concen: 0.822 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

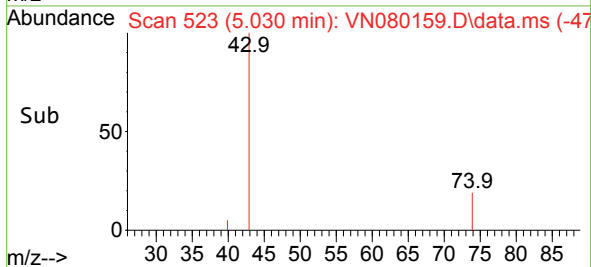
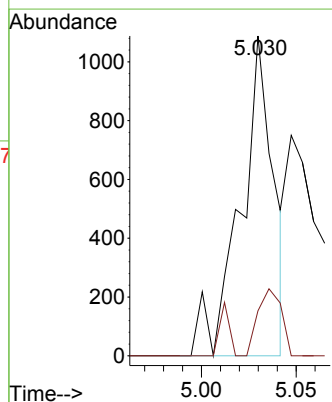
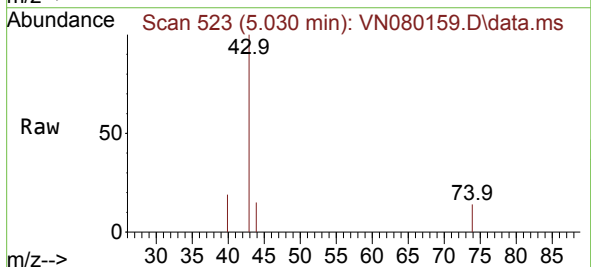
Instrument :
MSVOA_N
ClientSampleId :

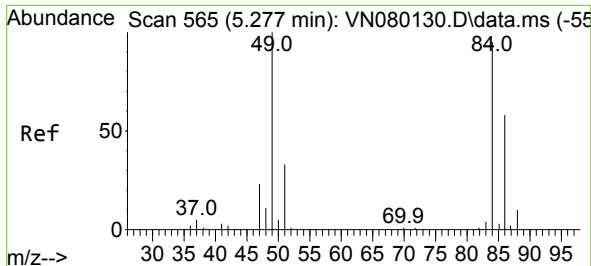
Tgt Ion: 76 Resp: 4480
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.427 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

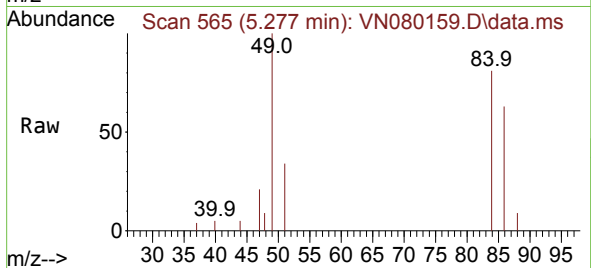
Tgt Ion: 43 Resp: 1315
Ion Ratio Lower Upper
43 100
74 15.1 26.2 39.4#



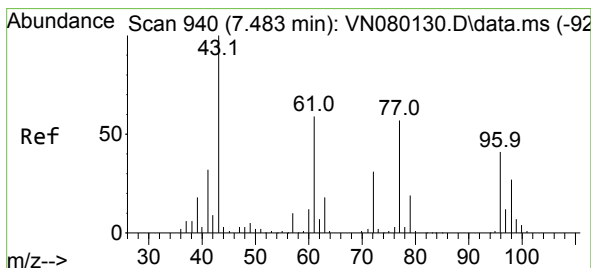
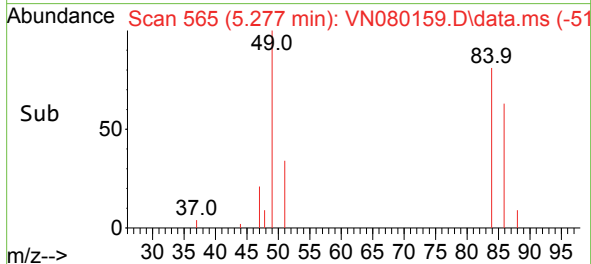
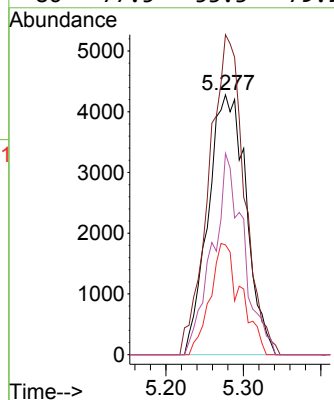


#20
Methylene Chloride
Concen: 7.269 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Instrument :
MSVOA_N
ClientSampleId :

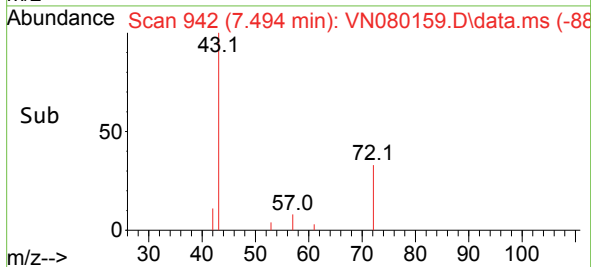
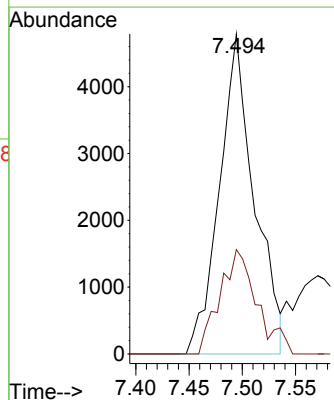
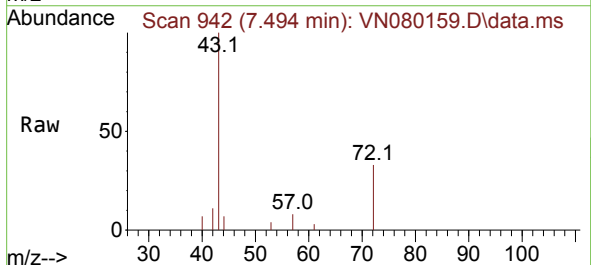


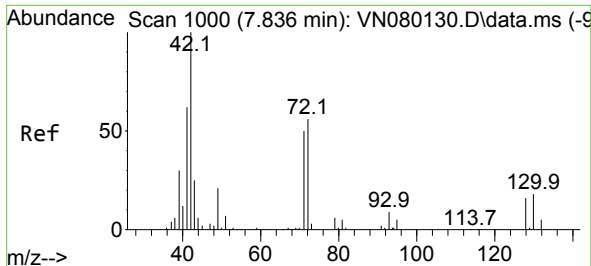
Tgt Ion:	84	Resp:	14578
Ion	Ratio	Lower	Upper
84	100		
49	123.2	79.7	119.5#
51	42.3	25.2	37.8#
86	77.5	53.3	79.9



#25
2-Butanone
Concen: 9.556 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Tgt Ion:	43	Resp:	10872
Ion	Ratio	Lower	Upper
43	100		
72	32.6	30.2	45.2





#29

Tetrahydrofuran

Concen: 0.211 ug/l

RT: 7.841 min Scan# 10

Delta R.T. 0.006 min

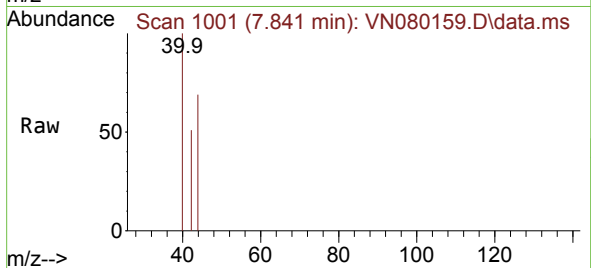
Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :



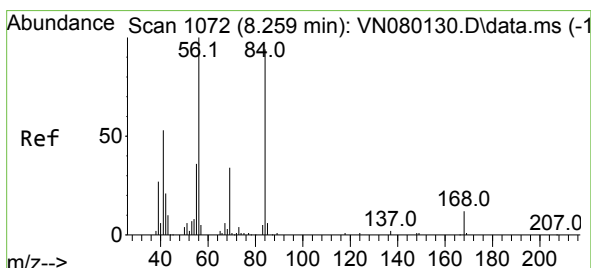
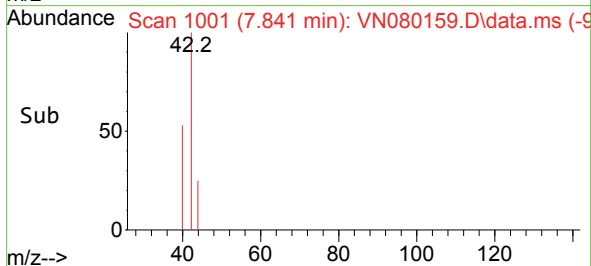
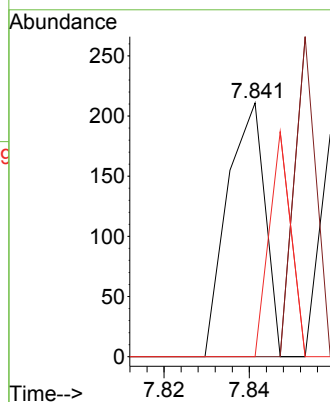
Tgt Ion: 42 Resp: 129

Ion Ratio Lower Upper

42 100

72 72.9 49.8 74.6

71 51.2 47.4 71.2



#31

Cyclohexane

Concen: 1.082 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

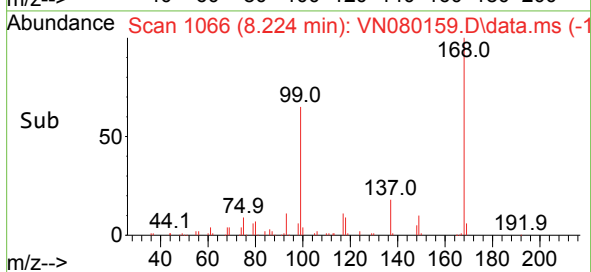
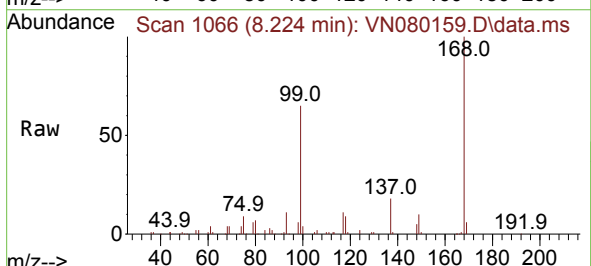
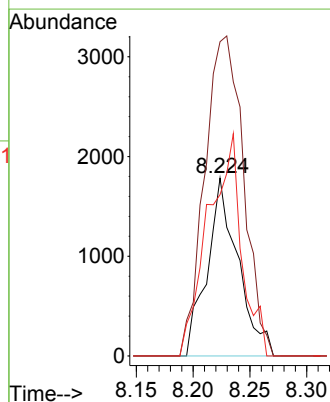
Tgt Ion: 56 Resp: 3356

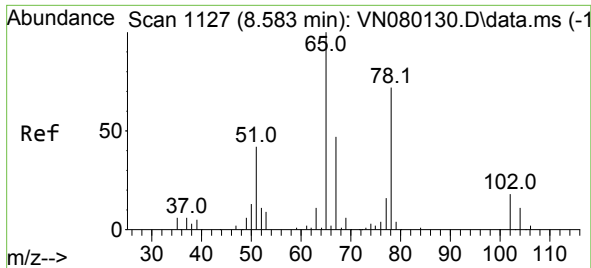
Ion Ratio Lower Upper

56 100

69 176.5 26.8 40.2#

84 90.6 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 53.488 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

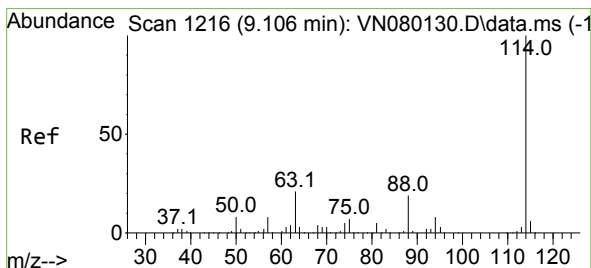
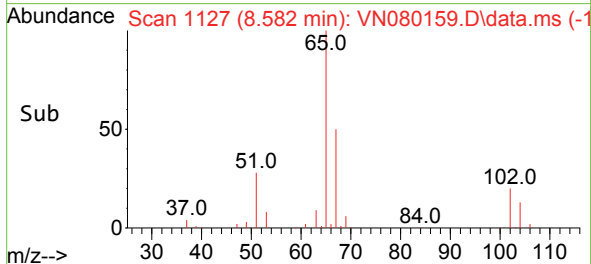
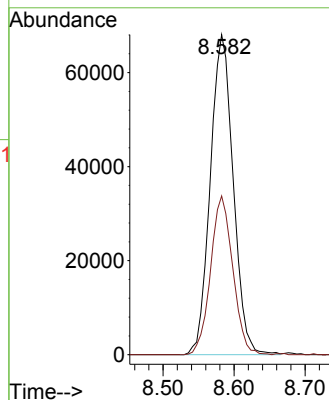
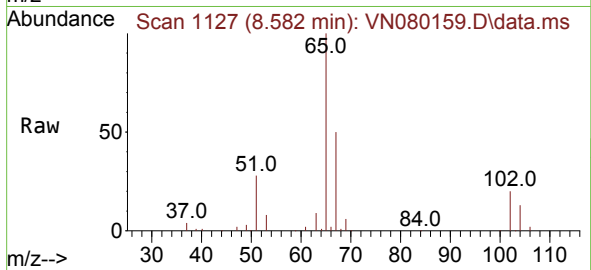
ClientSampleId :

Tgt Ion: 65 Resp: 152499

Ion Ratio Lower Upper

65 100

67 48.0 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: VN080159.D

Acq: 17 Nov 2023 13:41

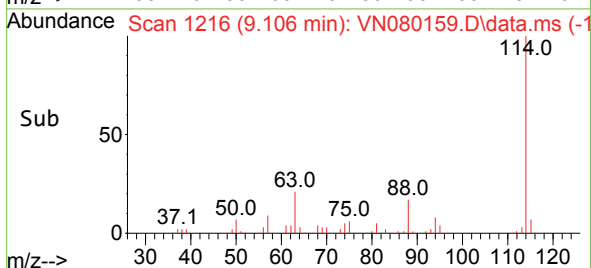
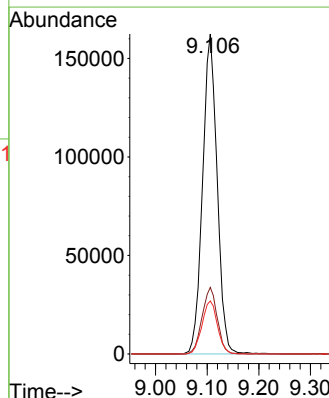
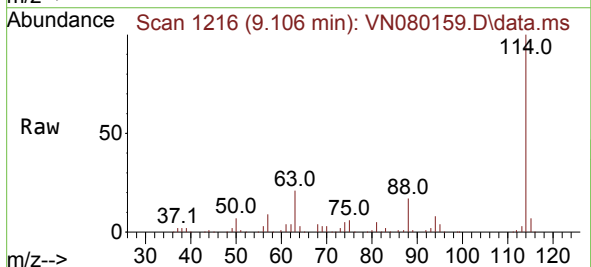
Tgt Ion: 114 Resp: 317241

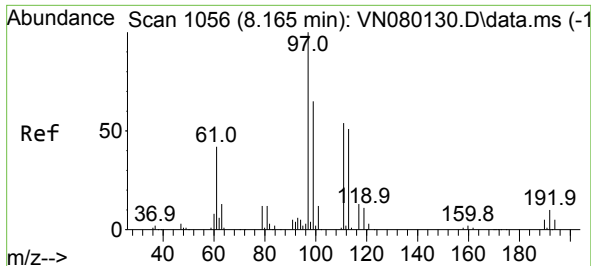
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.793 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

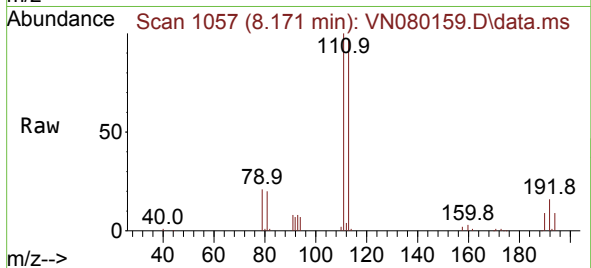
Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :



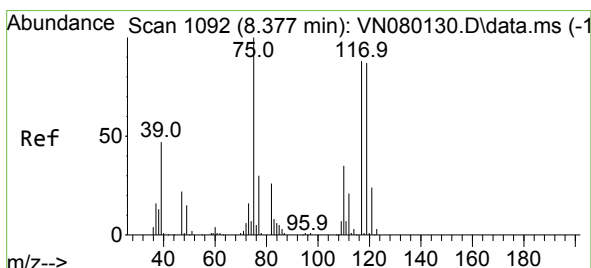
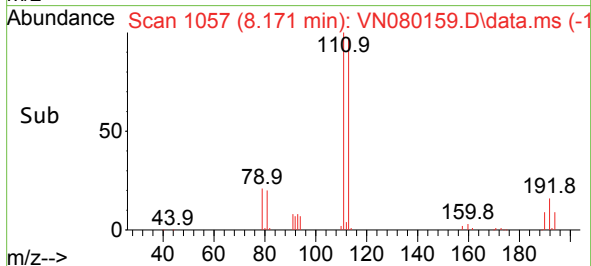
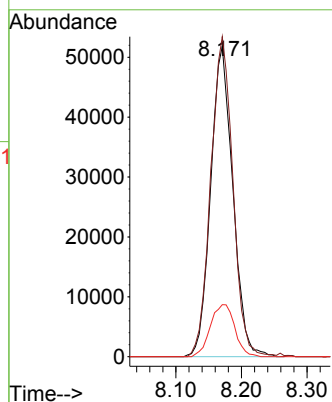
Tgt Ion:113 Resp: 121238

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 18.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.327 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

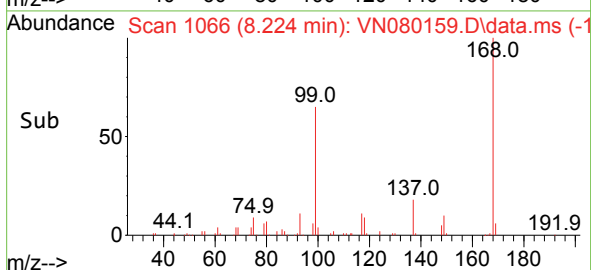
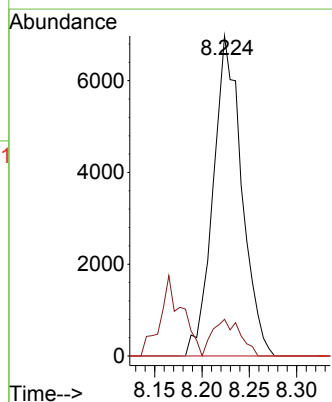
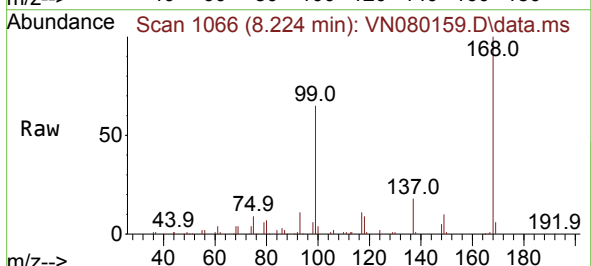
Tgt Ion: 75 Resp: 14663

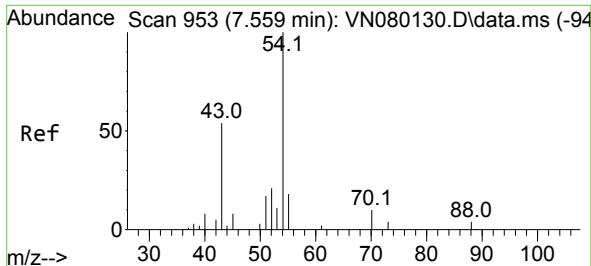
Ion Ratio Lower Upper

75 100

110 11.1 19.1 57.3#

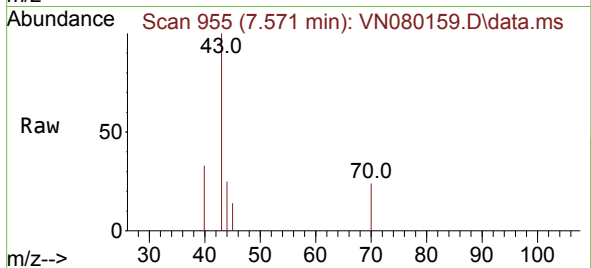
77 0.0 25.0 37.4#



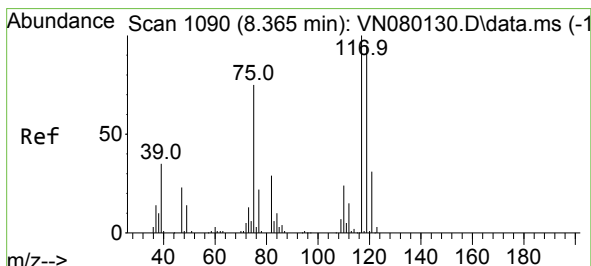
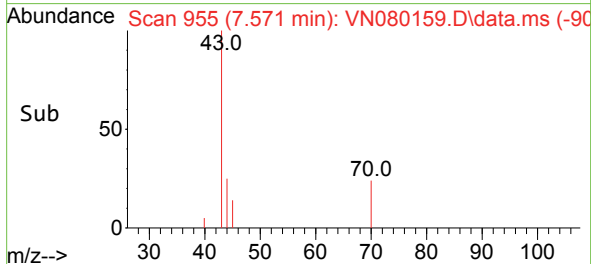
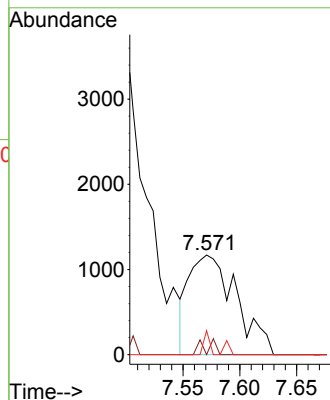


#37
Ethyl Acetate
Concen: 1.452 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Instrument :
MSVOA_N
ClientSampleId :

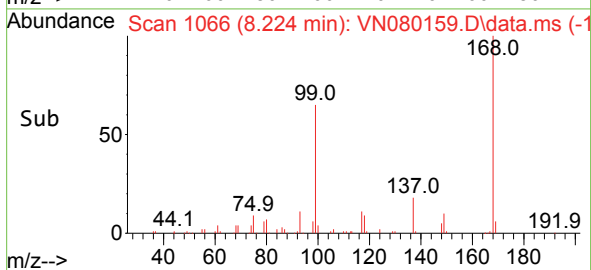
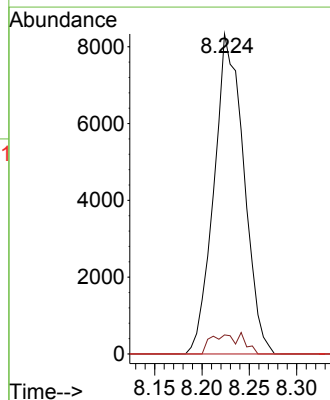
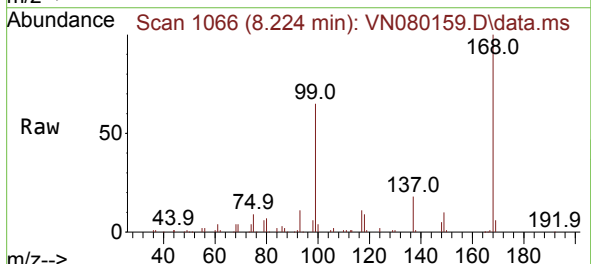


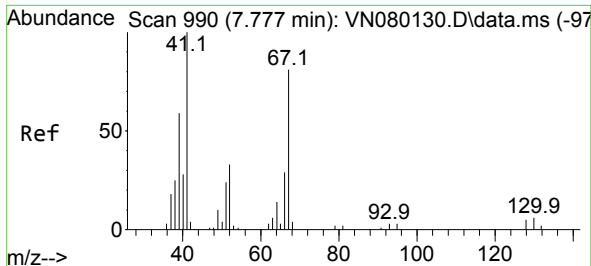
Tgt Ion: 43 Resp: 3413
Ion Ratio Lower Upper
43 100
61 3.8 13.2 19.8#
70 2.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 4.245 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

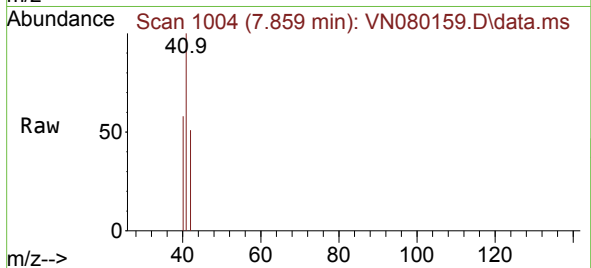
Tgt Ion: 117 Resp: 18255
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 23.3 34.9#



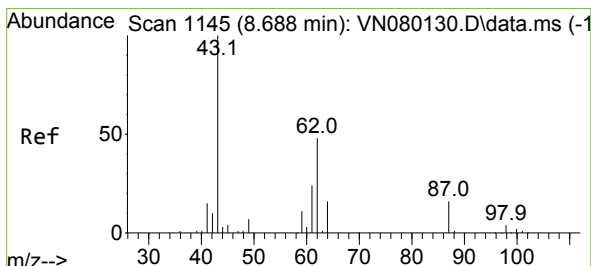
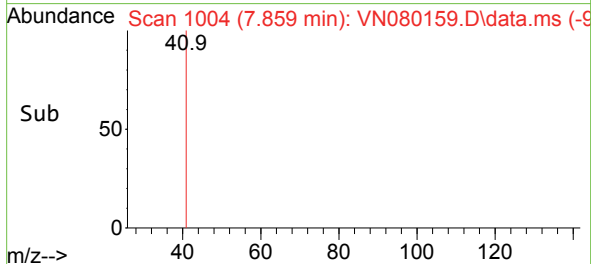
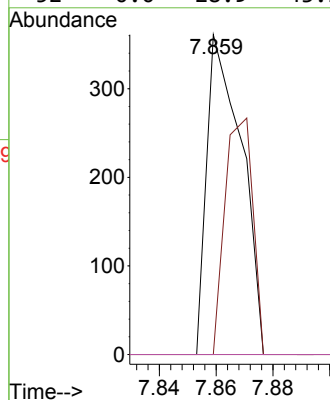


#41
Methacrylonitrile
Concen: 0.237 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.082 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Instrument :
MSVOA_N
ClientSampleId :

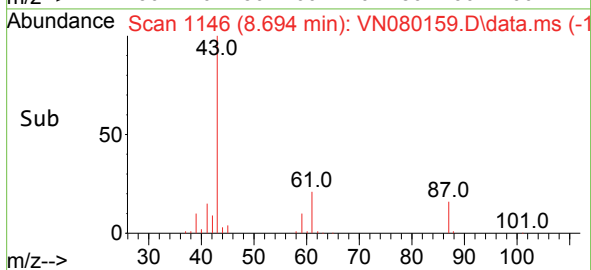
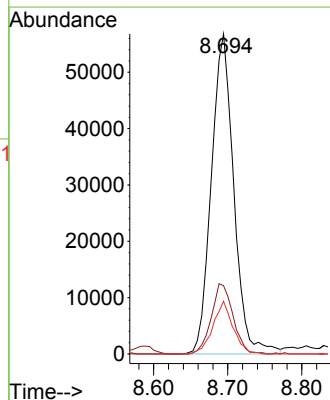
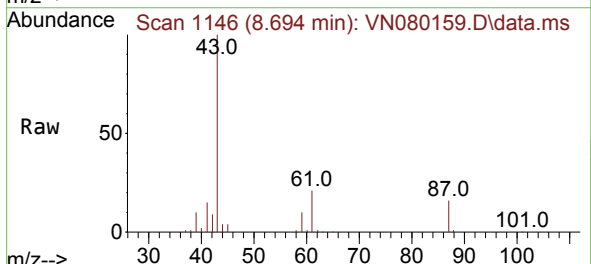


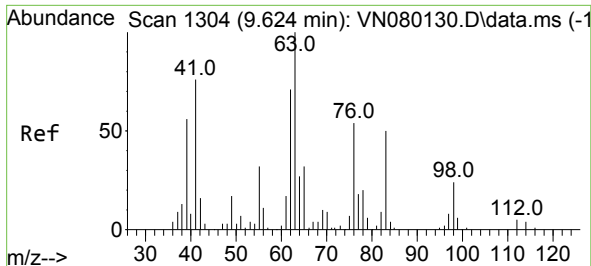
Tgt Ion:	41	Resp:	306
Ion	Ratio	Lower	Upper
41	100		
39	59.5	42.6	64.0
67	0.0	77.5	116.3#
52	0.0	28.9	43.3#



#43
Isopropyl Acetate
Concen: 26.090 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Tgt Ion:	43	Resp:	119351
Ion	Ratio	Lower	Upper
43	100		
61	21.3	24.7	37.1#
87	14.8	14.6	21.8





#45

1,2-Dichloropropane

Concen: 0.642 ug/l

RT: 9.741 min Scan# 1

Delta R.T. 0.118 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

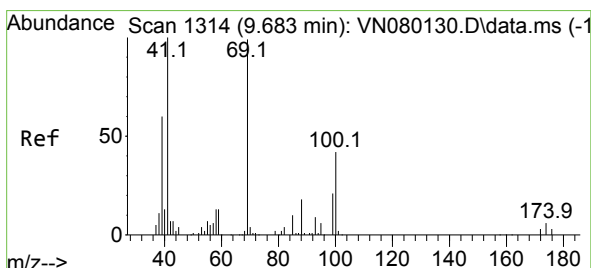
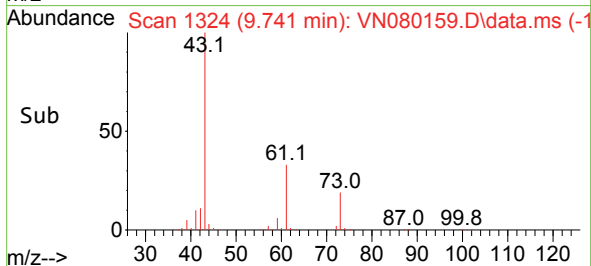
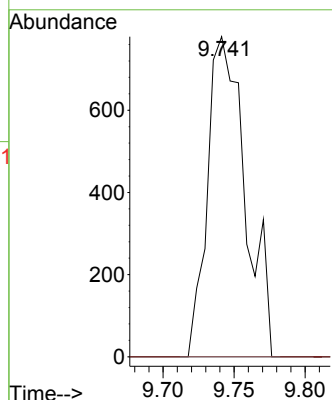
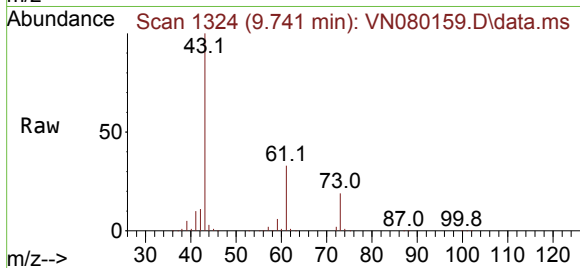
ClientSampleId :

Tgt Ion: 63 Resp: 1437

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.477 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.012 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

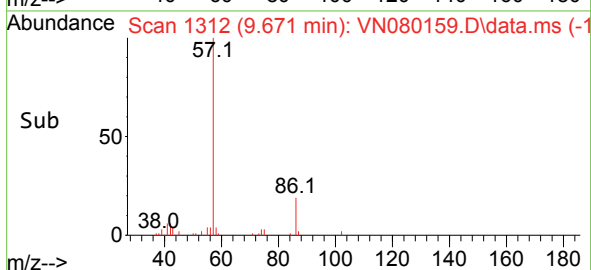
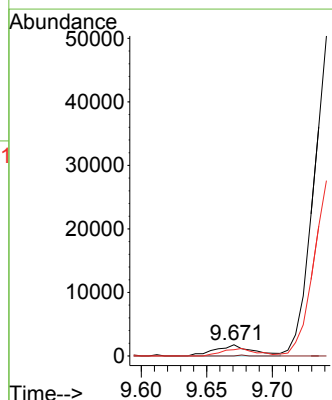
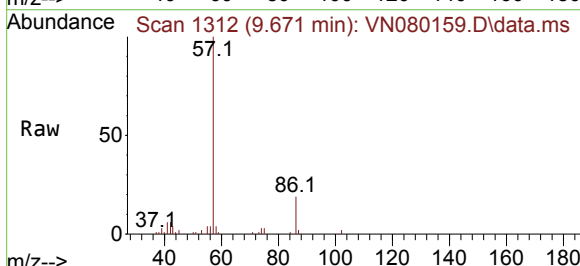
Tgt Ion: 41 Resp: 3483

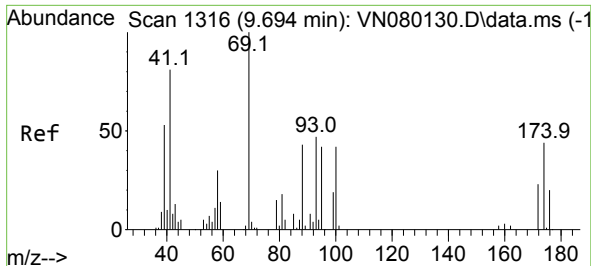
Ion Ratio Lower Upper

41 100

69 1.6 90.4 135.6#

39 59.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1.479 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.047 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

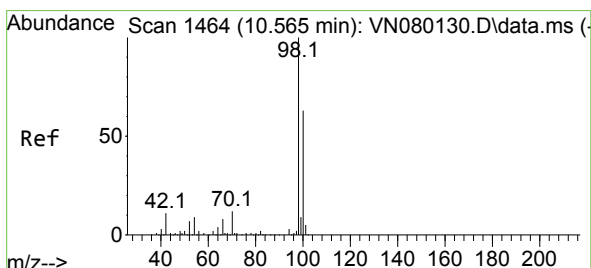
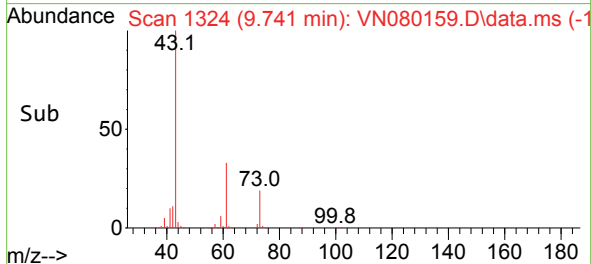
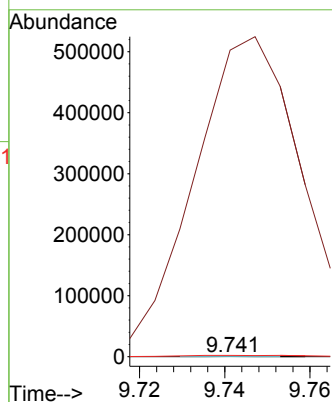
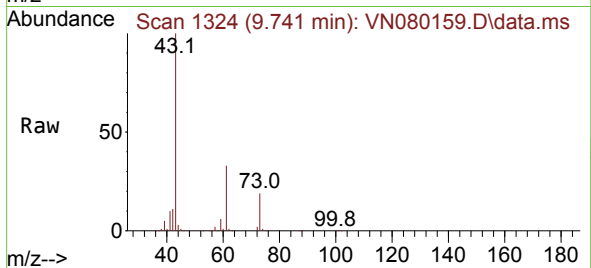
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 1653972.4 17.0 25.6#

58 8644.8 47.0 70.4#



#50

Toluene-d8

Concen: 52.077 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080159.D

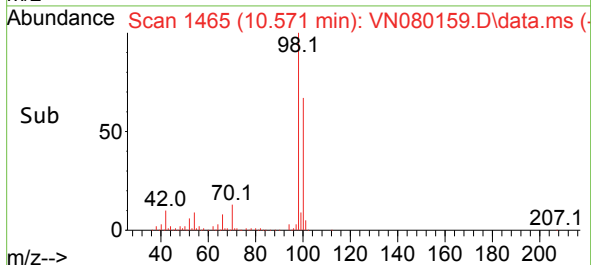
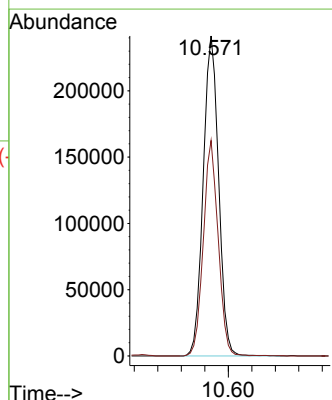
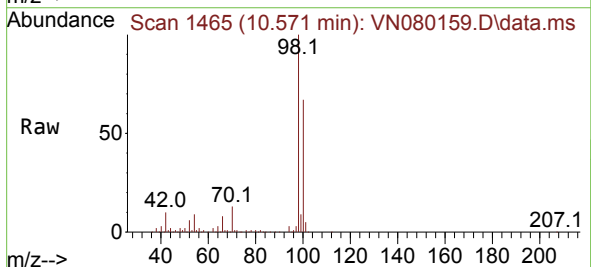
Acq: 17 Nov 2023 13:41

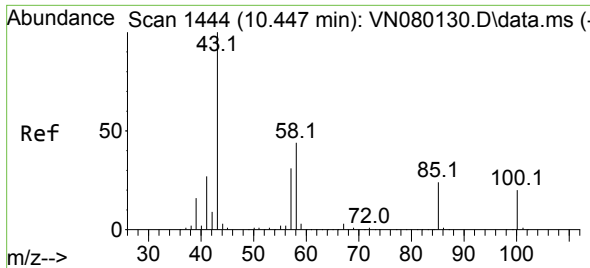
Tgt Ion: 98 Resp: 439435

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

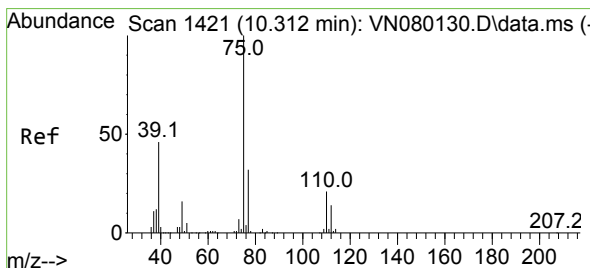
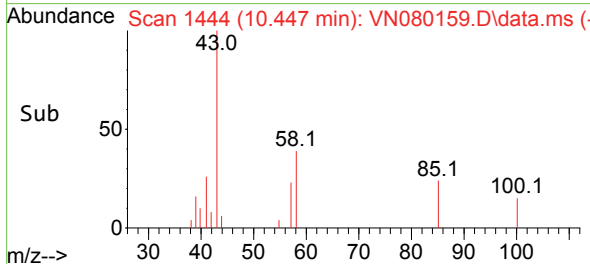
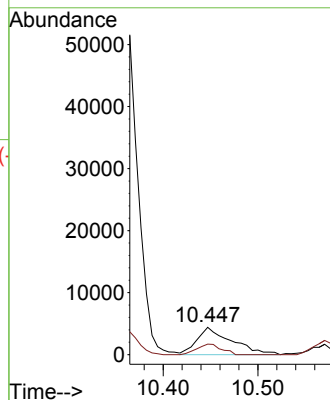
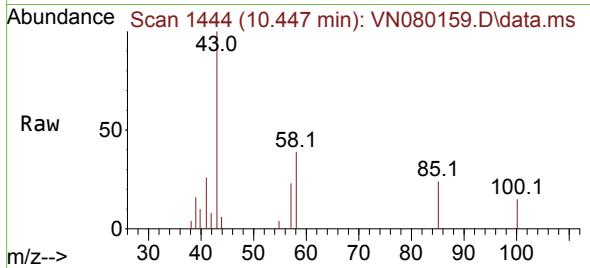




#51
4-Methyl-2-Pentanone
Concen: 4.735 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

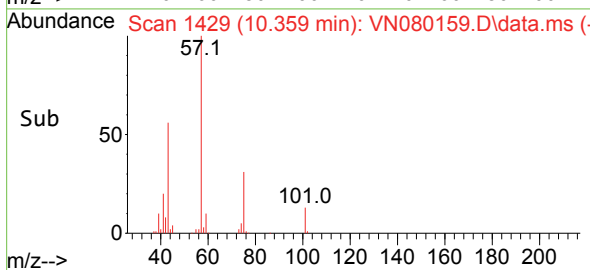
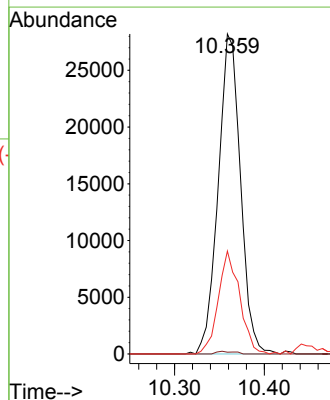
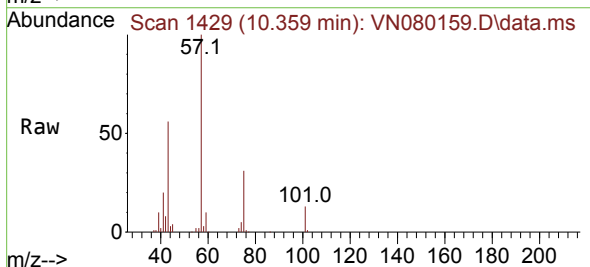
Instrument :
MSVOA_N
ClientSampleId :

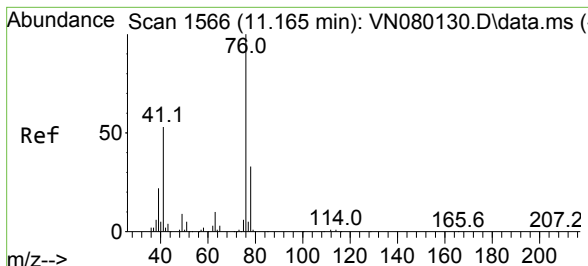
Tgt Ion: 43 Resp: 11214
Ion Ratio Lower Upper
43 100
58 27.2 36.6 54.8#



#54
cis-1,3-Dichloropropene
Concen: 12.434 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Tgt Ion: 75 Resp: 48647
Ion Ratio Lower Upper
75 100
77 0.5 26.1 39.1#
39 32.1 31.6 47.4

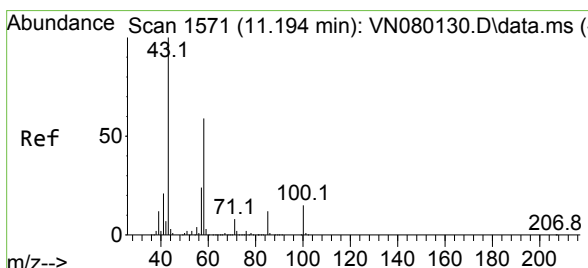
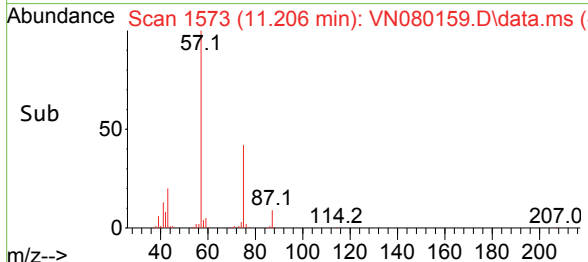
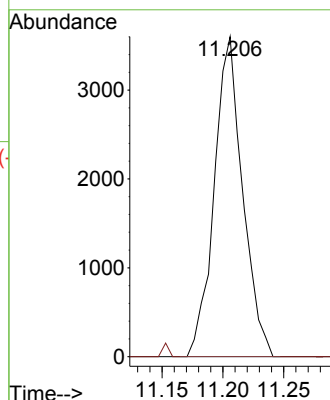
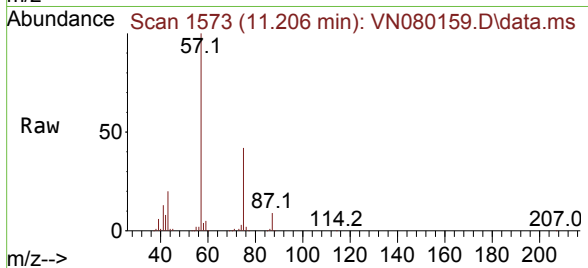




#57
1,3-Dichloropropane
Concen: 1.454 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

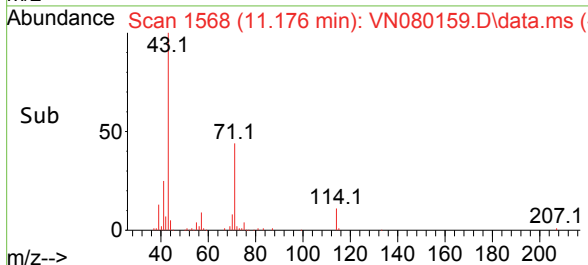
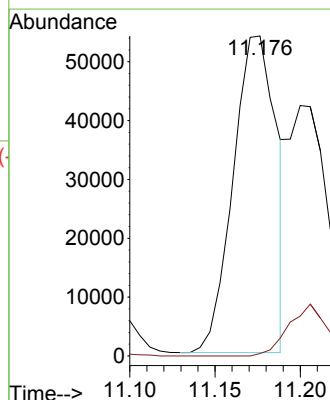
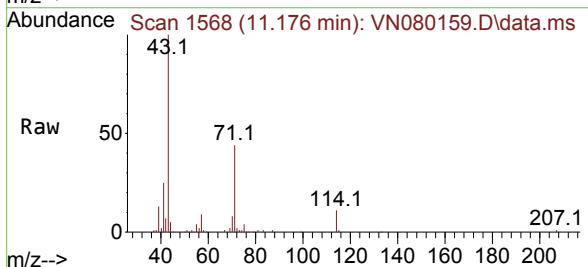
Instrument :
MSVOA_N
ClientSampleId :

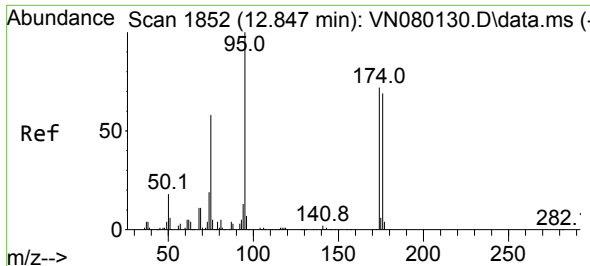
Tgt Ion: 76 Resp: 5840
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 49.957 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.018 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Tgt Ion: 43 Resp: 95073
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

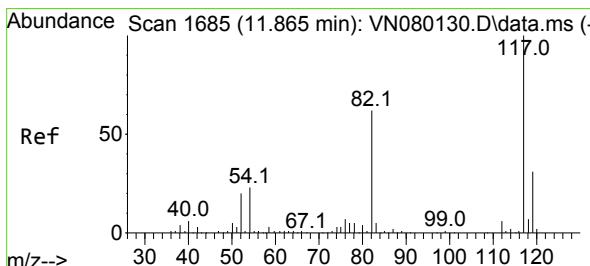
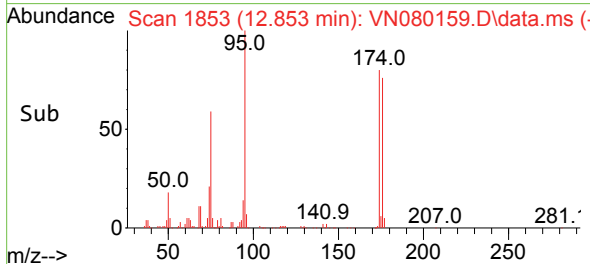
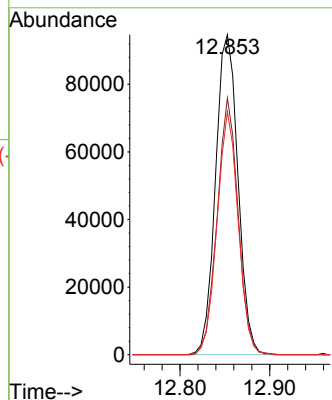
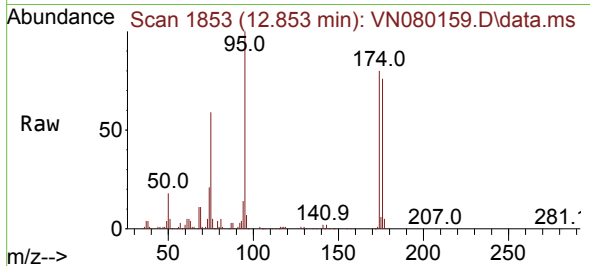




#62
4-Bromofluorobenzene
Concen: 51.447 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

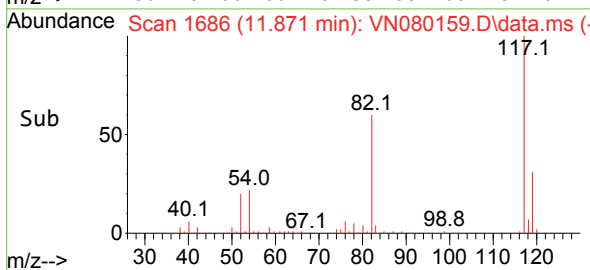
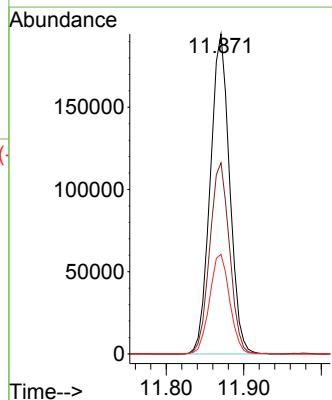
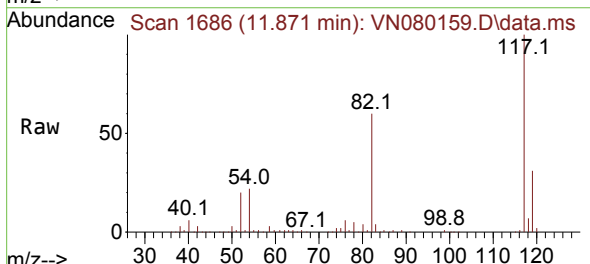
Instrument :
MSVOA_N
ClientSampleId :

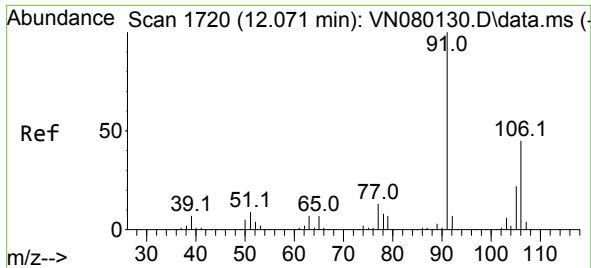
Tgt Ion: 95 Resp: 163973
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Tgt Ion: 117 Resp: 337864
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 31.1 25.6 38.4

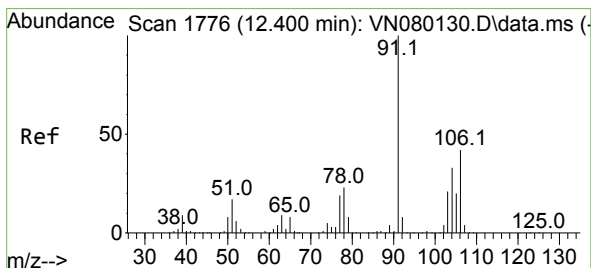
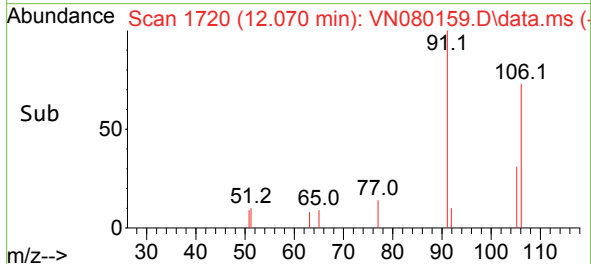
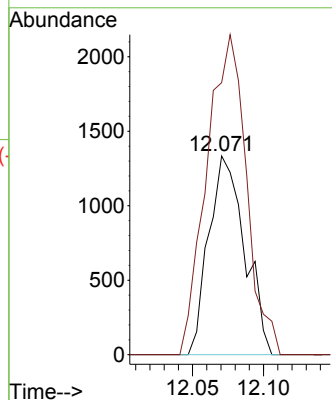
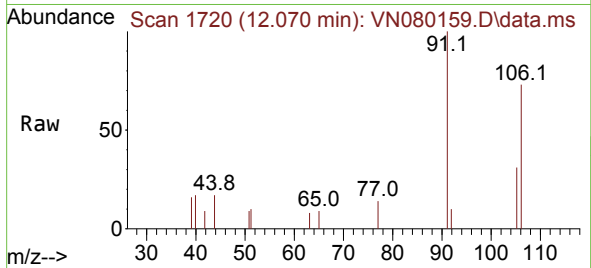




#68
m/p-Xylenes
Concen: 0.474 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

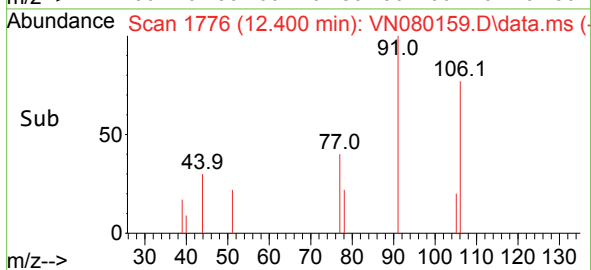
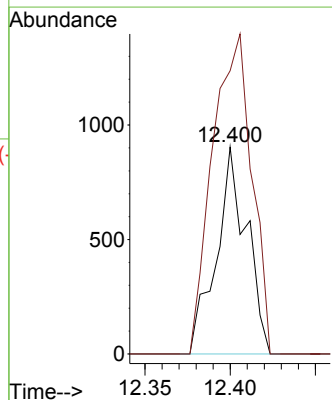
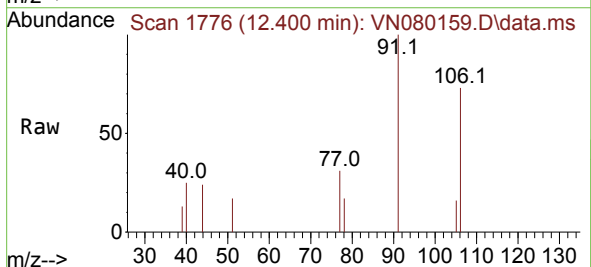
Instrument :
MSVOA_N
ClientSampleId :

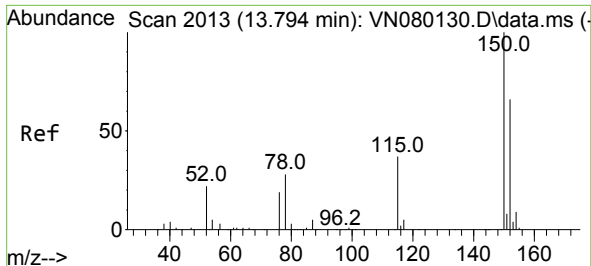
Tgt Ion:106 Resp: 2356
Ion Ratio Lower Upper
106 100
91 177.0 159.6 239.4



#69
o-Xylene
Concen: 0.240 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

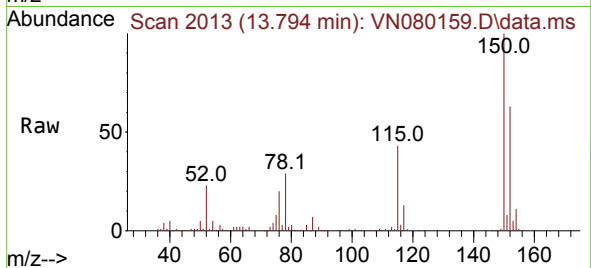
Tgt Ion:106 Resp: 1124
Ion Ratio Lower Upper
106 100
91 199.5 105.2 315.5



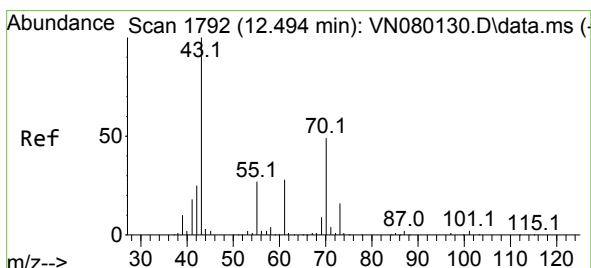
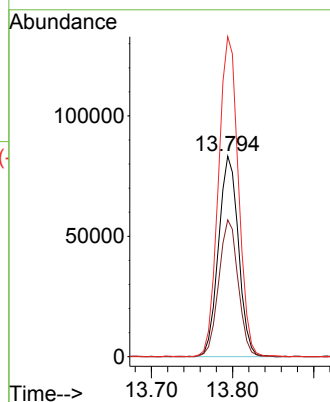
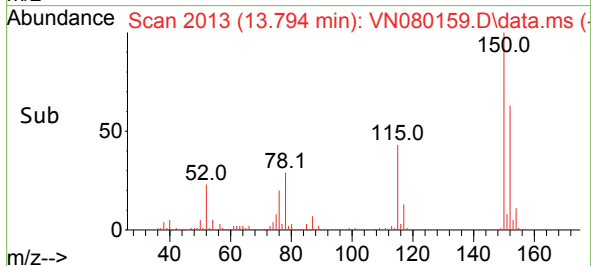


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080159.D
 Acq: 17 Nov 2023 13:41

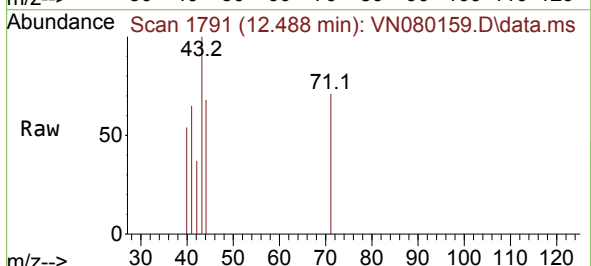
Instrument :
 MSVOA_N
 ClientSampleId :



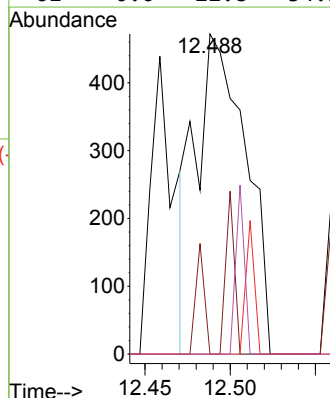
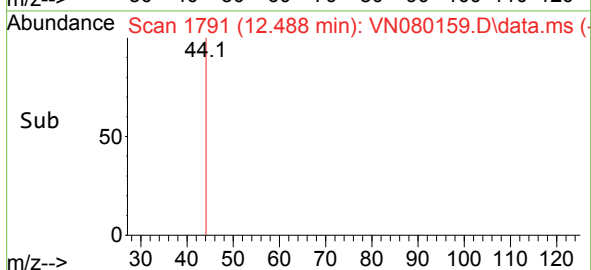
Tgt Ion:152 Resp: 142117
 Ion Ratio Lower Upper
 152 100
 115 66.5 32.3 96.8
 150 160.0 0.0 355.8

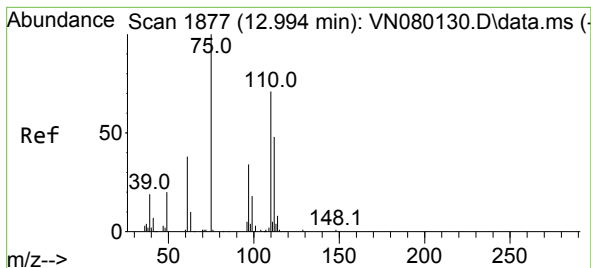


#74
 N-ethyl acetate
 Concen: 0.280 ug/l
 RT: 12.488 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VN080159.D
 Acq: 17 Nov 2023 13:41



Tgt Ion: 43 Resp: 966
 Ion Ratio Lower Upper
 43 100
 70 6.0 43.4 65.2#
 55 0.0 21.4 32.0#
 61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 26.357 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

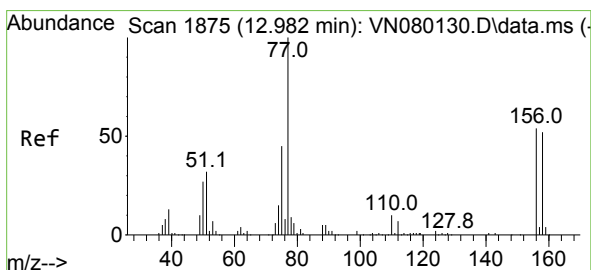
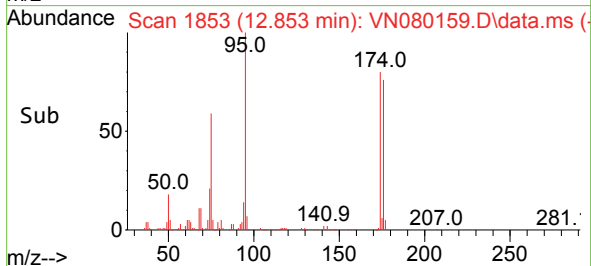
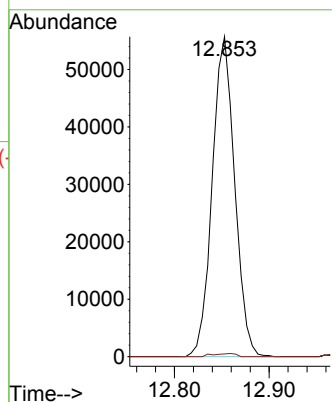
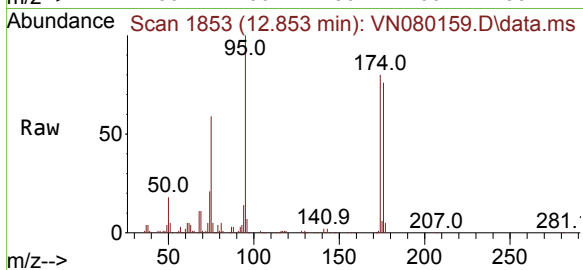
ClientSampleId :

Tgt Ion: 75 Resp: 91779

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#



#77

Bromobenzene

Concen: 0.208 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

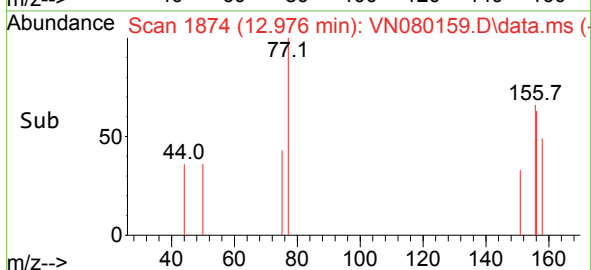
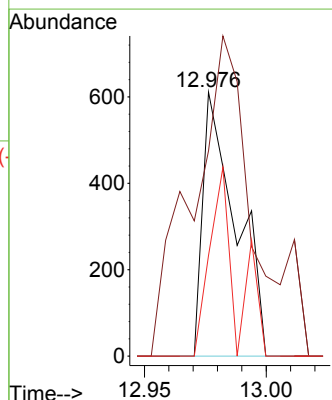
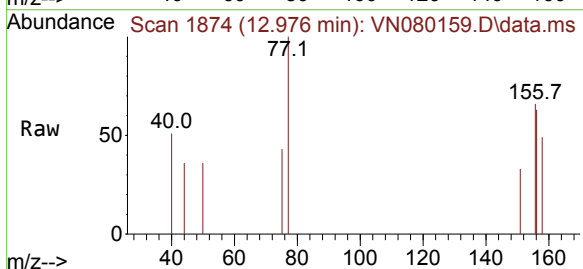
Tgt Ion: 156 Resp: 579

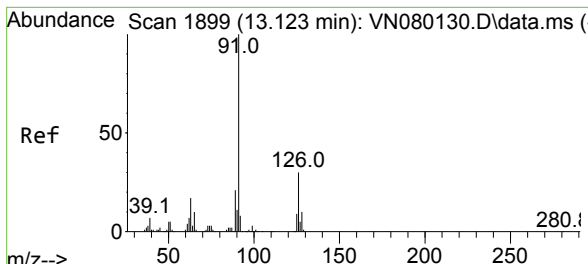
Ion Ratio Lower Upper

156 100

77 224.7 107.7 323.3

158 57.2 48.4 145.3

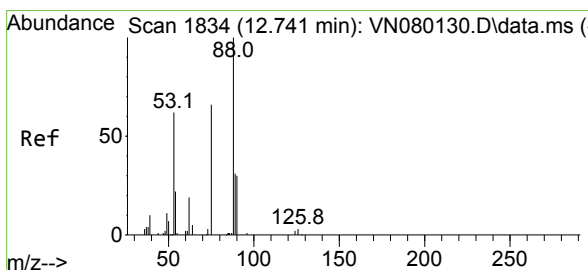
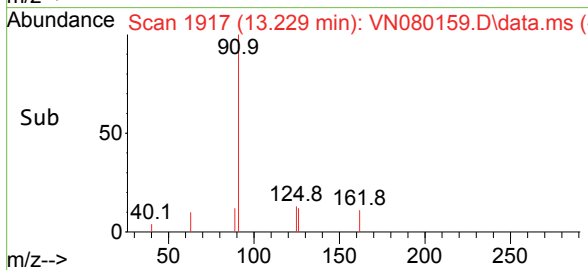
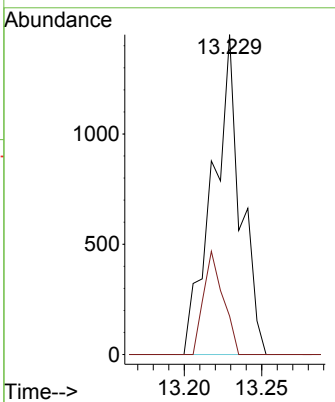
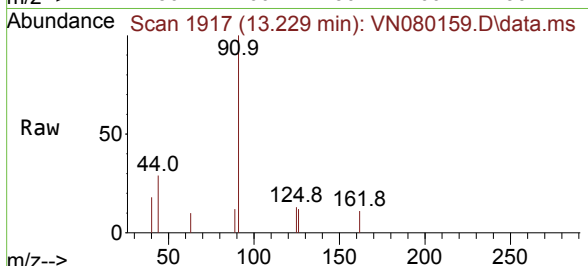




#79
 2-Chlorotoluene
 Concen: 0.227 ug/l
 RT: 13.229 min Scan# 1917
 Delta R.T. 0.106 min
 Lab File: VN080159.D
 Acq: 17 Nov 2023 13:41

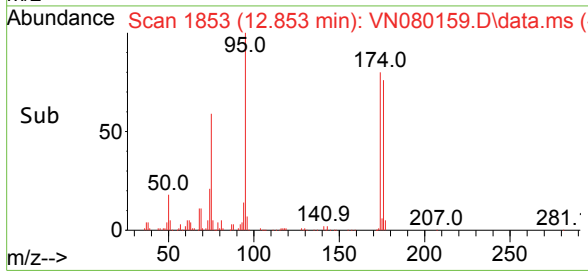
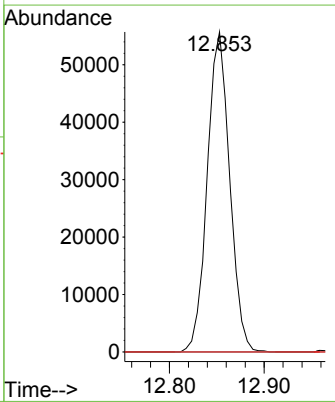
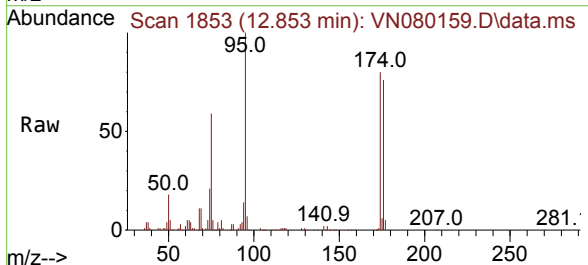
Instrument :
 MSVOA_N
 ClientSampleId :

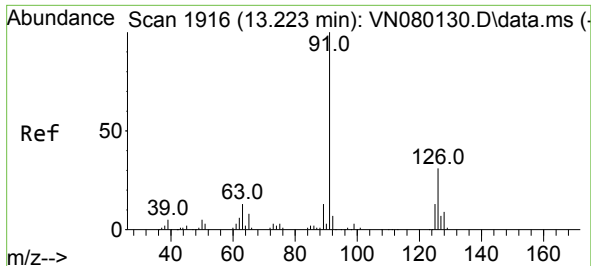
Tgt Ion:	91	Resp:	1821
Ion Ratio	Lower	Upper	
91	100		
126	22.7	16.3	48.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.050 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN080159.D
 Acq: 17 Nov 2023 13:41

Tgt Ion:	75	Resp:	91779
Ion Ratio	Lower	Upper	
75	100		
53	0.0	67.4	101.2#
89	0.0	38.8	58.2#

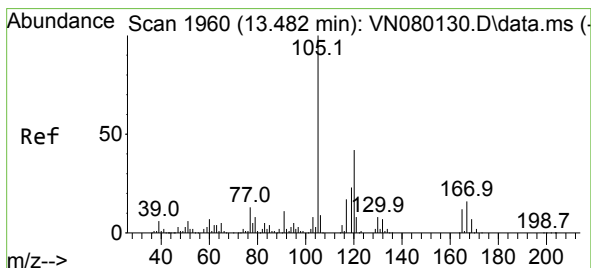
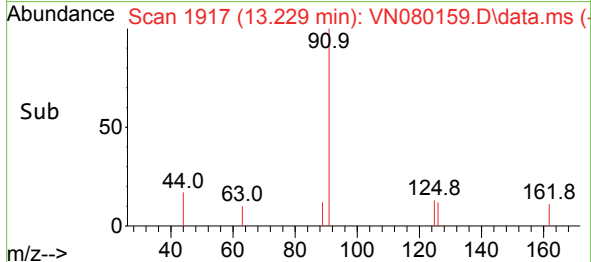
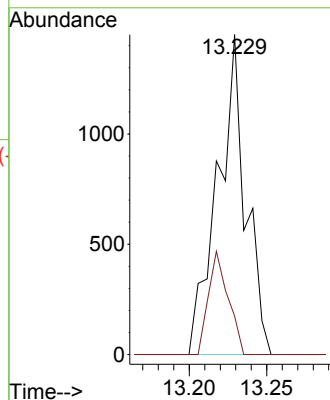
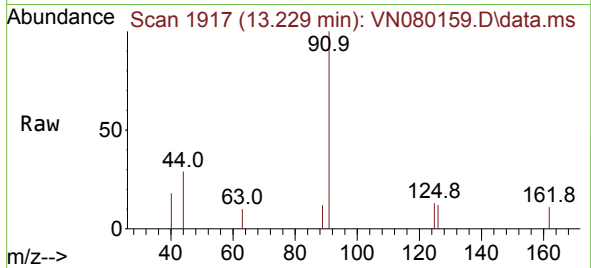




#82
4-Chlorotoluene
Concen: 0.222 ug/l
RT: 13.229 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

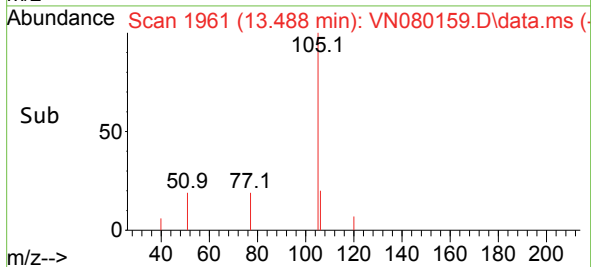
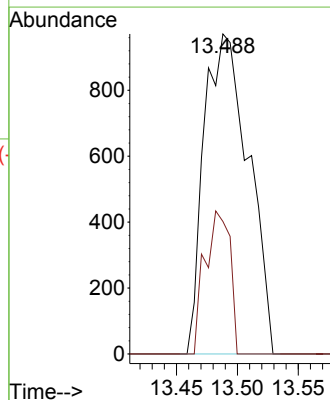
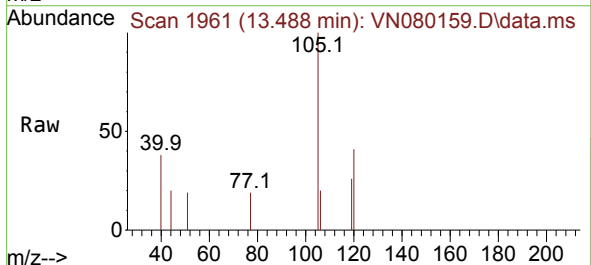
Instrument :
MSVOA_N
ClientSampleId :

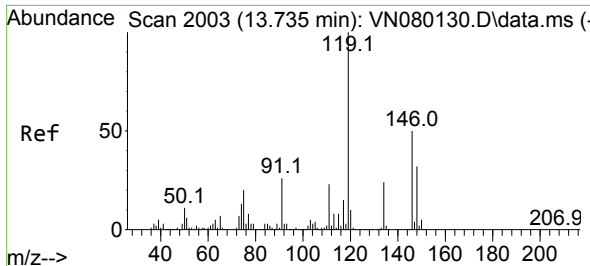
Tgt Ion: 91 Resp: 1821
Ion Ratio Lower Upper
91 100
126 22.7 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.260 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080159.D
Acq: 17 Nov 2023 13:41

Tgt Ion: 105 Resp: 2464
Ion Ratio Lower Upper
105 100
120 25.2 22.0 66.0





#87

1,3-Dichlorobenzene

Concen: 0.267 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

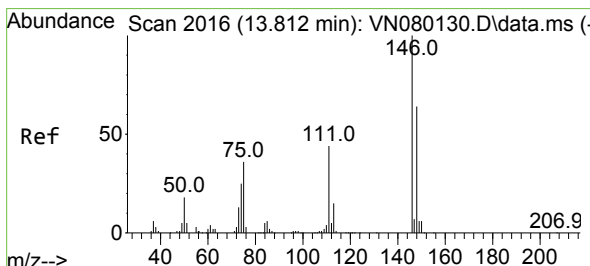
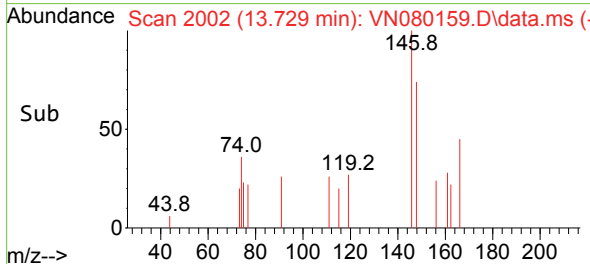
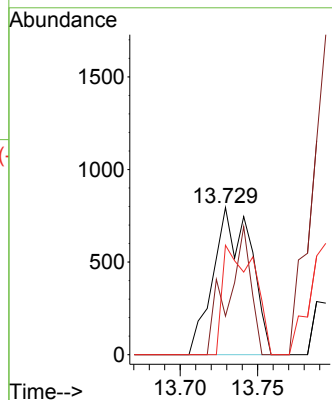
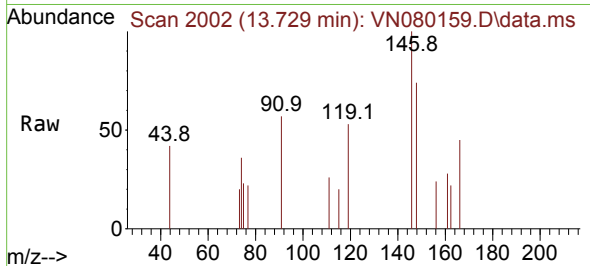
Tgt Ion:146 Resp: 1339

Ion Ratio Lower Upper

146 100

111 53.0 22.1 66.3

148 62.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.266 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.082 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

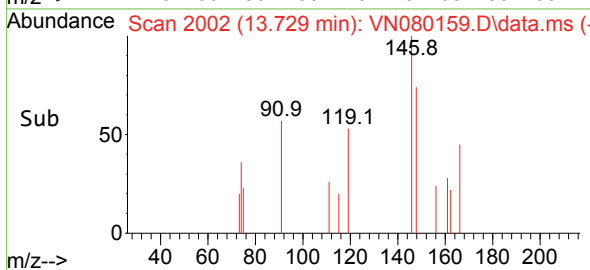
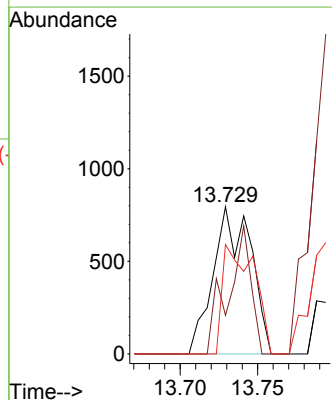
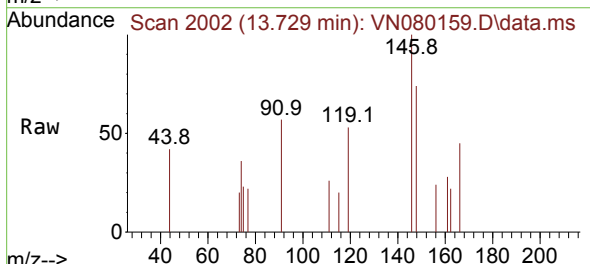
Tgt Ion:146 Resp: 1339

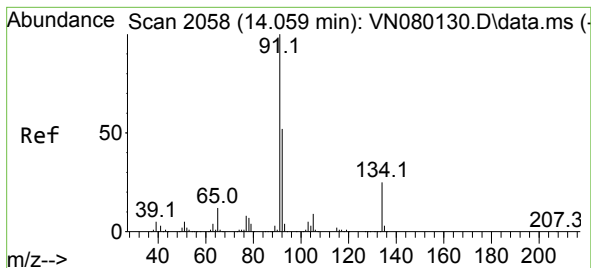
Ion Ratio Lower Upper

146 100

111 53.0 20.6 61.8

148 62.2 31.6 94.8





#89

n-Butylbenzene

Concen: 0.369 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :

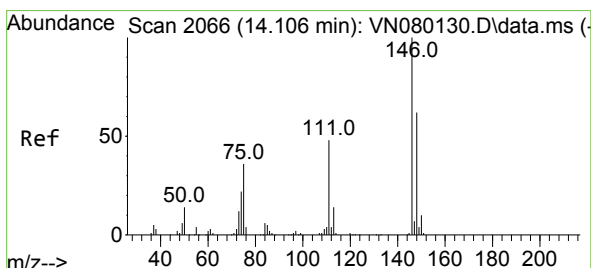
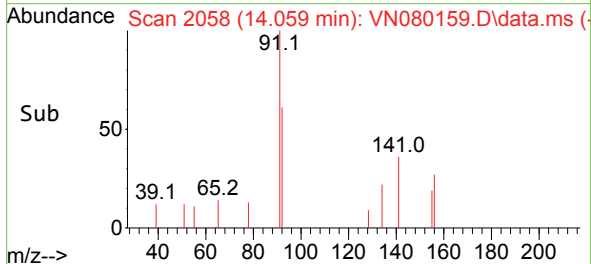
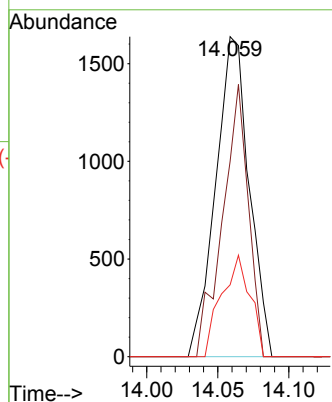
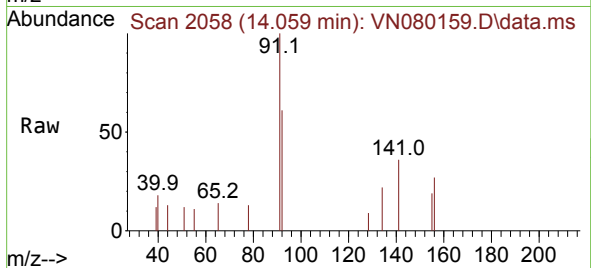
Tgt Ion: 91 Resp: 2689

Ion Ratio Lower Upper

91 100

92 65.4 26.4 79.0

134 27.0 12.6 37.6



#91

1,2-Dichlorobenzene

Concen: 0.280 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

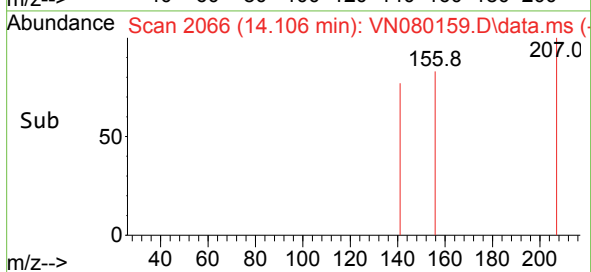
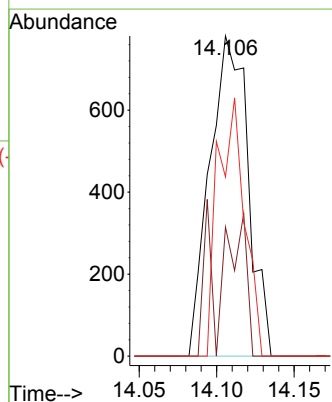
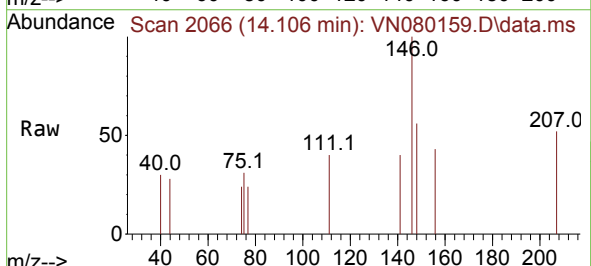
Tgt Ion:146 Resp: 1344

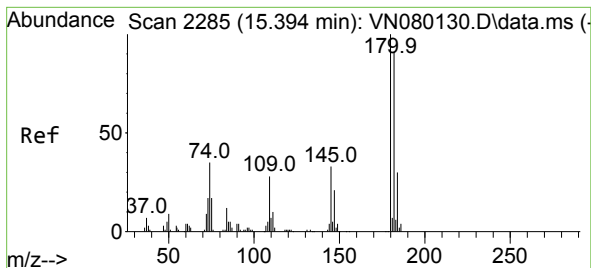
Ion Ratio Lower Upper

146 100

111 22.9 22.0 66.0

148 56.5 31.8 95.3





#93

1,2,4-Trichlorobenzene

Concen: 0.712 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

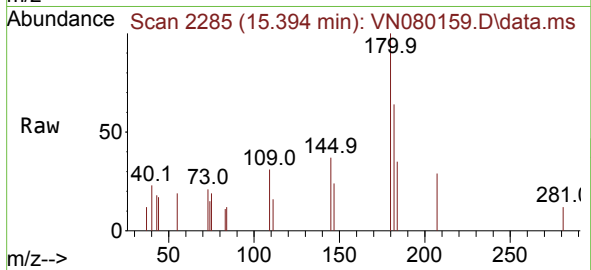
Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Instrument :

MSVOA_N

ClientSampleId :



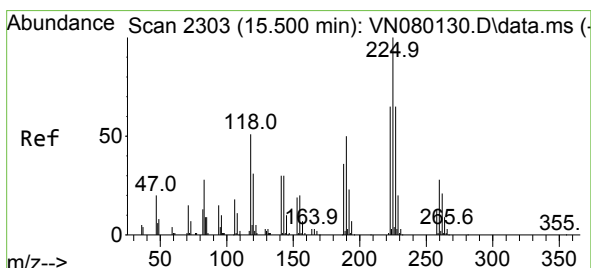
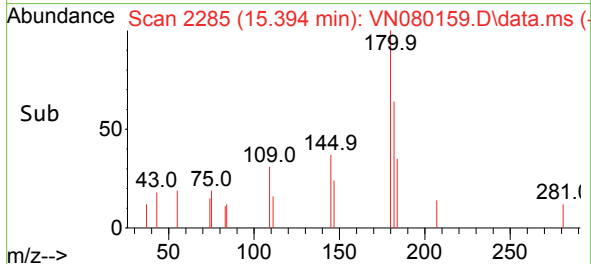
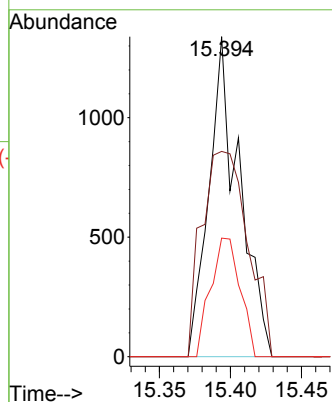
Tgt Ion:180 Resp: 1988

Ion Ratio Lower Upper

180 100

182 97.8 46.1 138.2

145 36.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 0.751 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.011 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

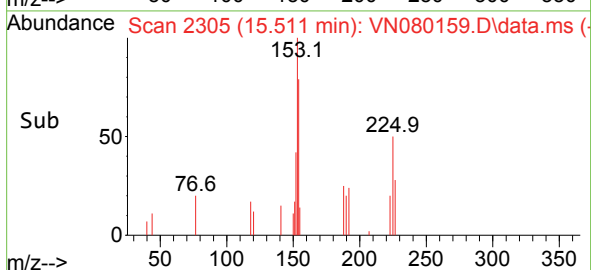
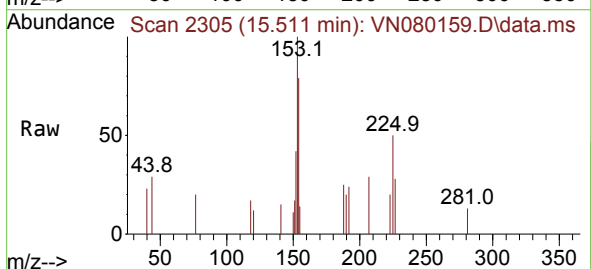
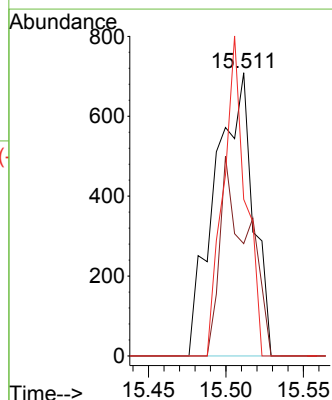
Tgt Ion:225 Resp: 1207

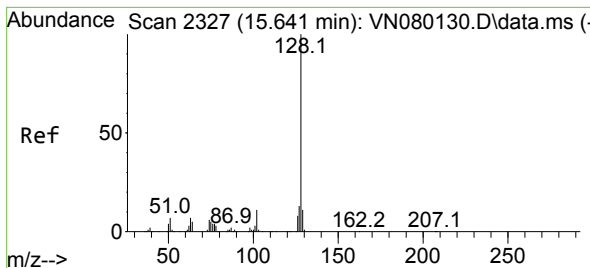
Ion Ratio Lower Upper

225 100

223 51.5 31.3 93.8

227 66.4 31.9 95.9





#95

Naphthalene

Concen: 1.658 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

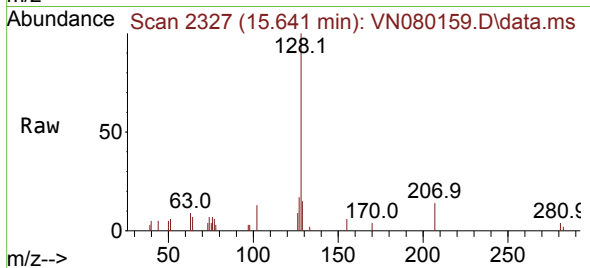
Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

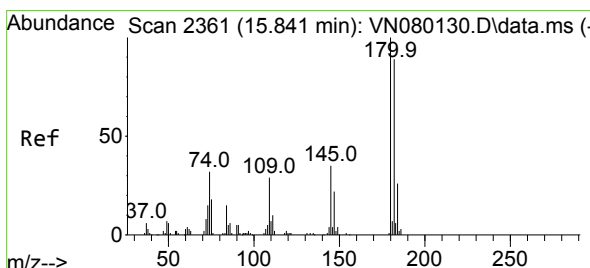
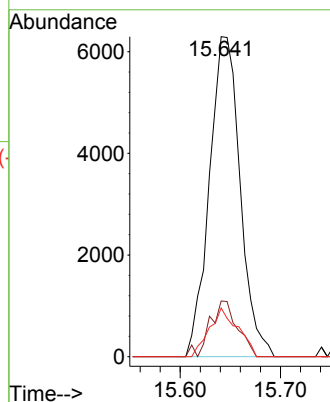
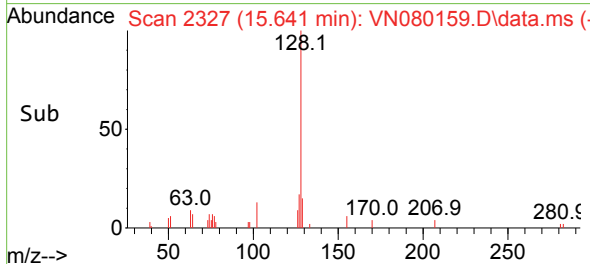
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	13424
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.0	15.0#
129	14.0	8.7	13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.834 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080159.D

Acq: 17 Nov 2023 13:41

Tgt Ion:	180	Resp:	2183
Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.2	138.6
145	40.7	17.5	52.6

