

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080461.D
 Acq On : 13 Dec 2023 14:54
 Operator : JC\MD
 Sample : 05670-04 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 14 04:07:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	213384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	392129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	418764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171828	63.047	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.100%#	
35) Dibromofluoromethane	8.171	113	144904	58.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.560%	
50) Toluene-d8	10.571	98	522448	56.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.680%	
62) 4-Bromofluorobenzene	12.847	95	223902	63.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 127.180%#	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	3098	0.688	ug/l #	87
6) Chloroethane	3.118	64	777	0.519	ug/l #	43
11) Tert butyl alcohol	5.512	59	72	0.224	ug/l #	72
13) Acrolein	4.148	56	1488	4.233	ug/l #	1
14) Allyl chloride	5.142	41	591	0.208	ug/l #	1
15) Acrylonitrile	5.800	53	1389	1.532	ug/l #	32
16) Acetone	4.424	43	6508	13.467	ug/l #	40
18) Methyl Acetate	5.265	43	24138	7.763	ug/l #	42
20) Methylene Chloride	5.283	84	912	0.353	ug/l #	59
25) 2-Butanone	7.488	43	592	0.636	ug/l #	37
29) Tetrahydrofuran	7.994	42	274	0.411	ug/l #	1
31) Cyclohexane	8.253	56	30662	8.273	ug/l	95
36) 1,1-Dichloropropene	8.224	75	17540	4.315	ug/l #	51
38) Carbon Tetrachloride	8.224	117	24308	5.004	ug/l #	15
39) Methylcyclohexane	9.600	83	21236	5.029	ug/l #	89
40) Benzene	8.612	78	2812	0.240	ug/l	98
43) Isopropyl Acetate	8.706	43	2757	0.602	ug/l #	49
48) Methyl methacrylate	9.594	41	11422	4.182	ug/l #	54
52) Toluene	10.629	92	52961	7.142	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	3259	1.221	ug/l #	16
67) Ethyl Benzene	11.965	91	351232	20.505	ug/l	94
68) m/p-Xylenes	12.071	106	170476	26.934	ug/l	89
69) o-Xylene	12.400	106	64286	10.384	ug/l	88
70) Styrene	12.400	104	4320	0.484	ug/l #	1
73) Isopropylbenzene	12.694	105	28303	1.710	ug/l	100
76) 1,2,3-Trichloropropane	12.847	75	119912	29.179	ug/l #	1
78) n-propylbenzene	13.035	91	129336	7.089	ug/l	98
79) 2-Chlorotoluene	13.129	91	13816	1.160	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	14082	0.988	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	119912	76.611	ug/l #	15
82) 4-Chlorotoluene	13.129	91	13816	1.128	ug/l #	41
83) tert-Butylbenzene	13.482	119	64442	5.521	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.482	105	551367	38.888	ug/l	99
85) sec-Butylbenzene	13.482	105	551367	36.928	ug/l #	57
86) p-Isopropyltoluene	13.729	119	5781	0.429	ug/l #	75
89) n-Butylbenzene	14.047	91	10361	0.920	ug/l #	73

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QLast Update : Wed Dec 13 01:57:14 2023
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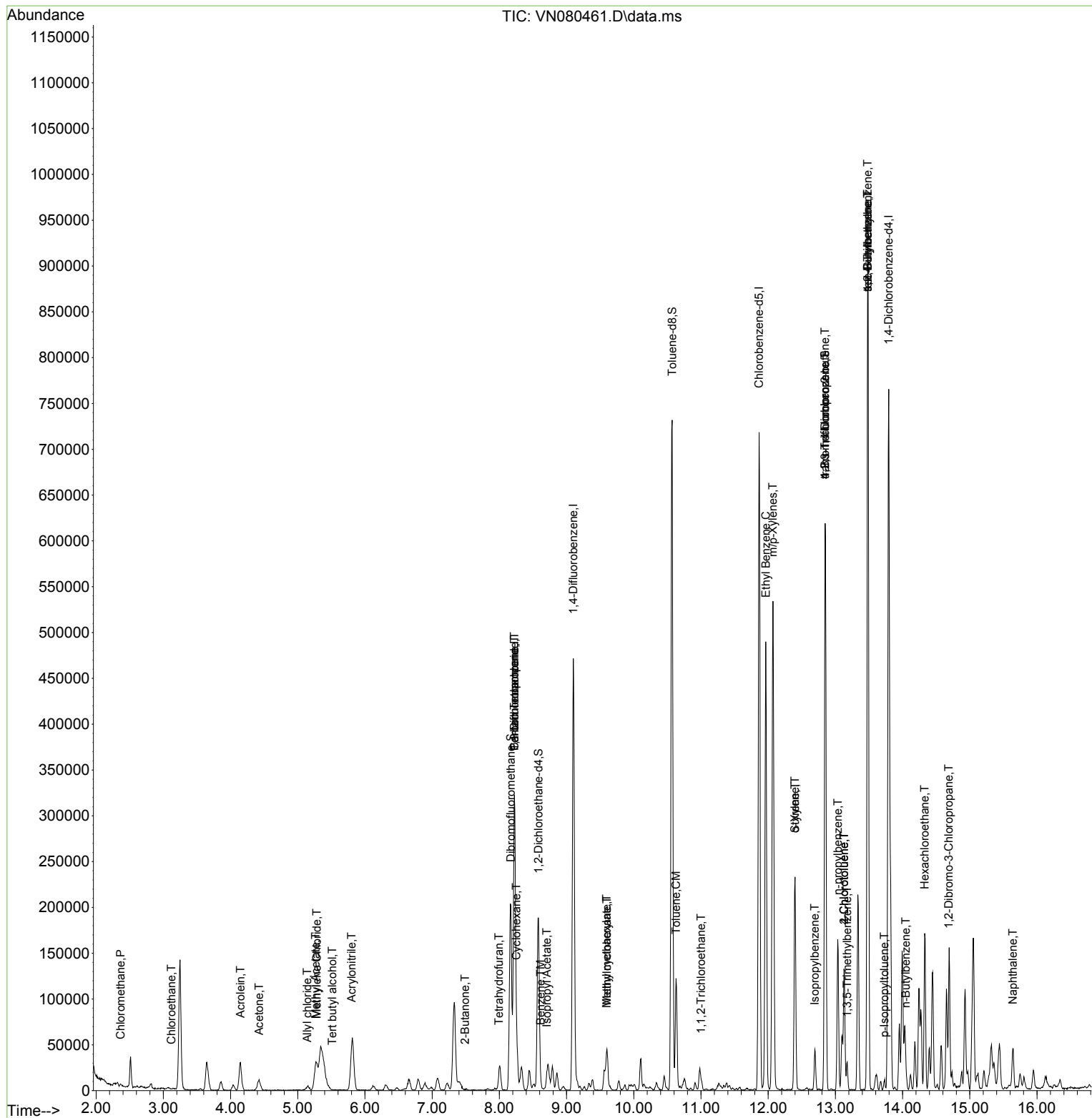
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.329	117	8870	4.143	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.688	75	742	0.796	ug/l #	4
95) Naphthalene	15.641	128	41728	3.634	ug/l	99

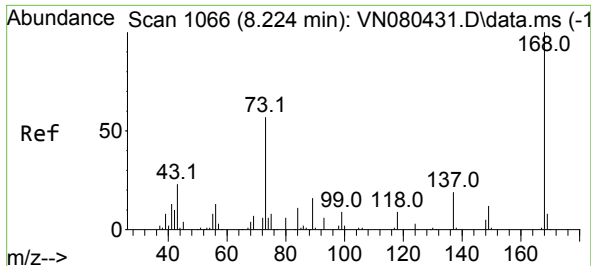
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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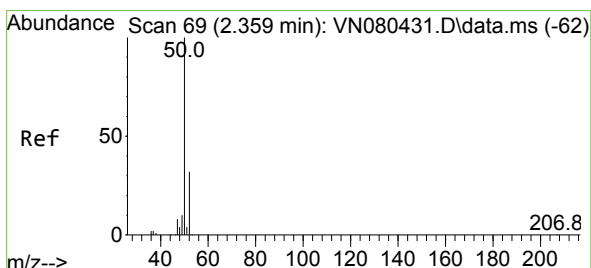
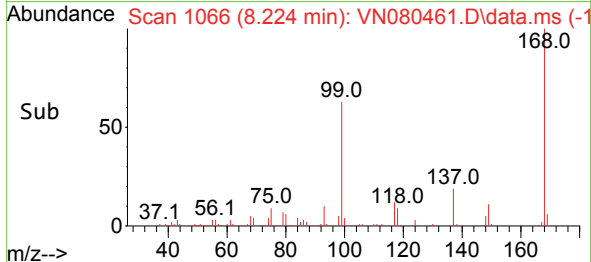
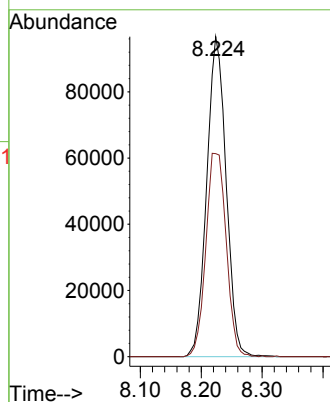
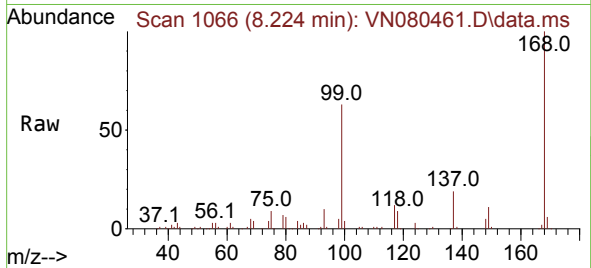




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

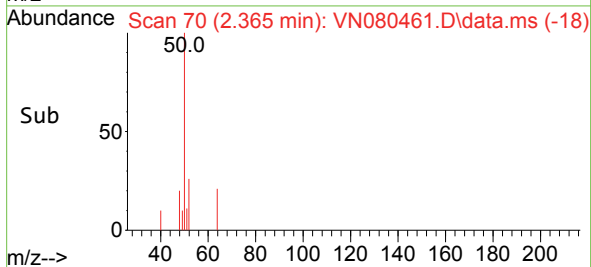
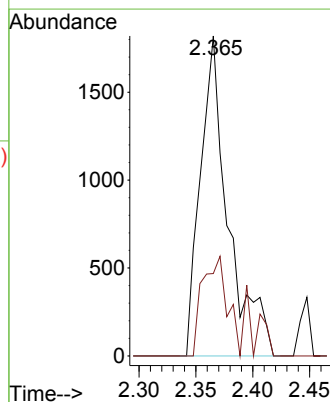
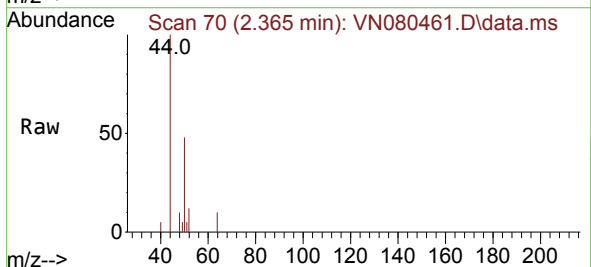
Instrument :
MSVOA_N
ClientSampleId :

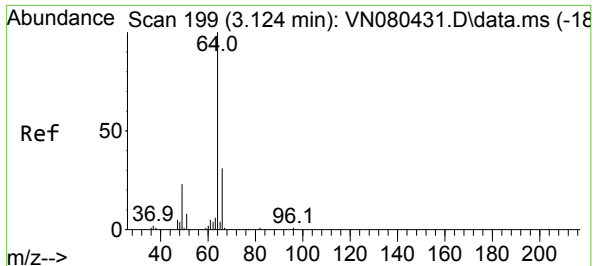
Tgt Ion:168 Resp: 213384
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#3
Chloromethane
Concen: 0.688 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Tgt Ion: 50 Resp: 3098
Ion Ratio Lower Upper
50 100
52 25.7 26.5 39.7#

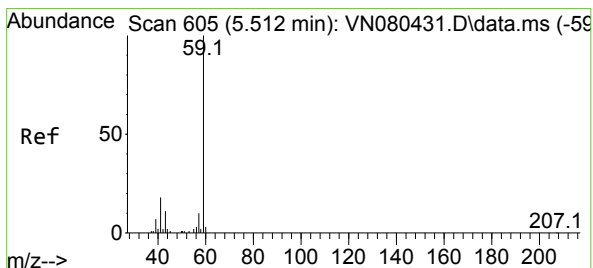
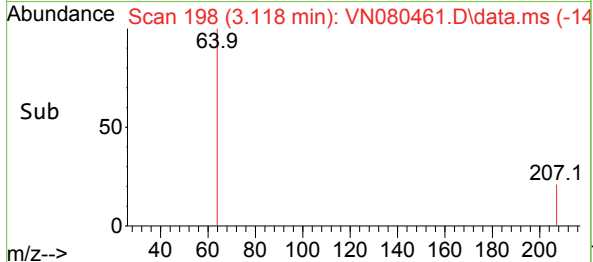
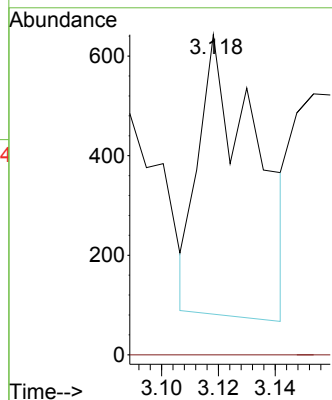
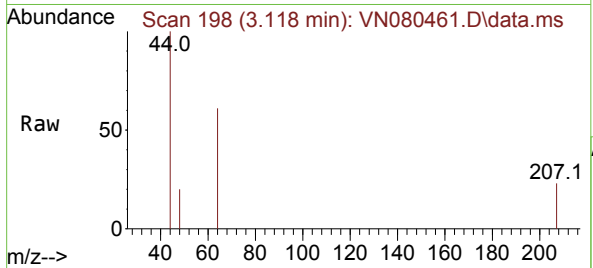




#6
Chloroethane
Concen: 0.519 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

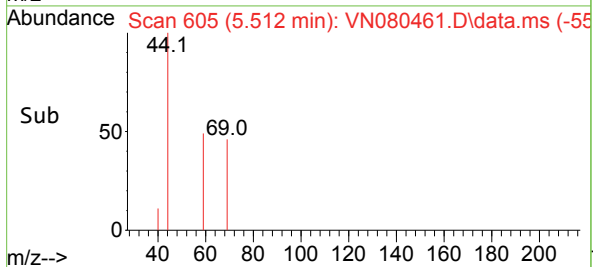
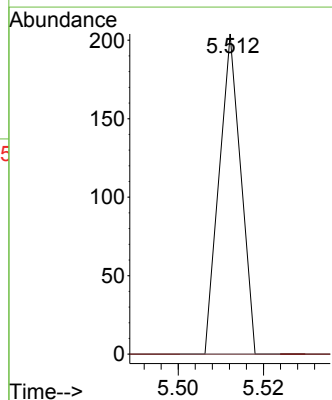
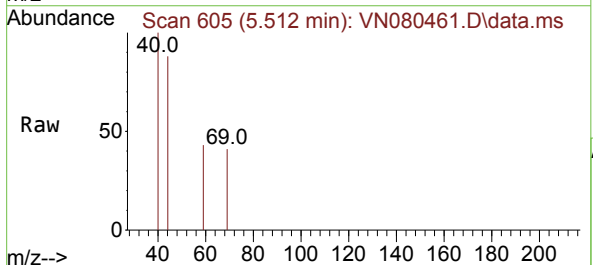
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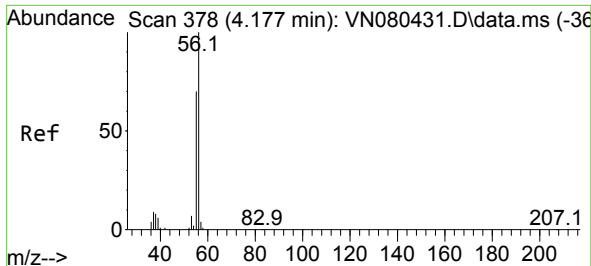
Tgt Ion: 64 Resp: 777
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 0.224 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

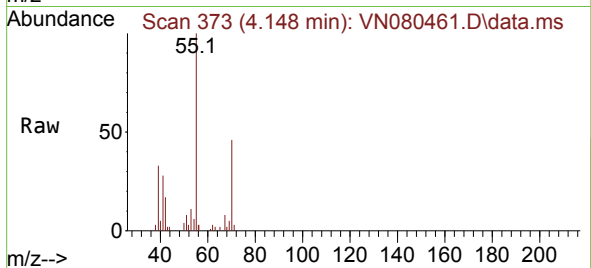
Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



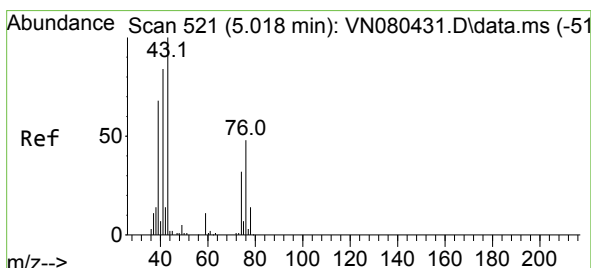
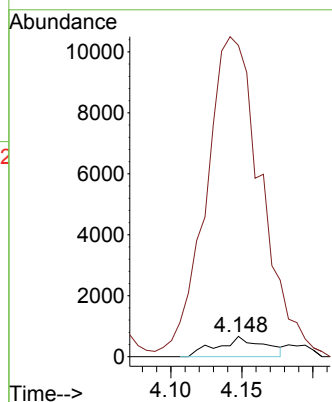
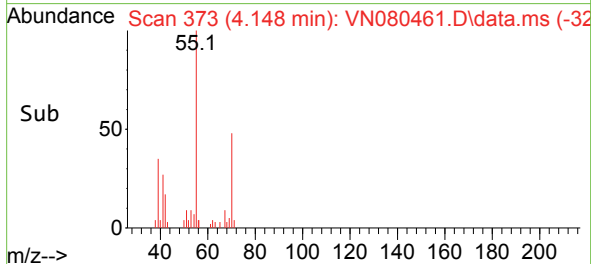


#13
Acrolein
Concen: 4.233 ug/l
RT: 4.148 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :

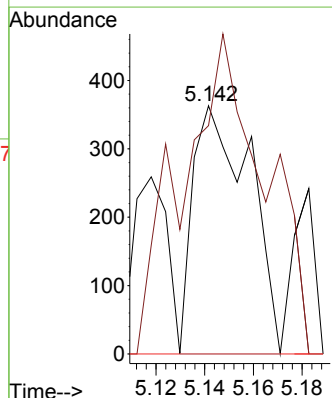
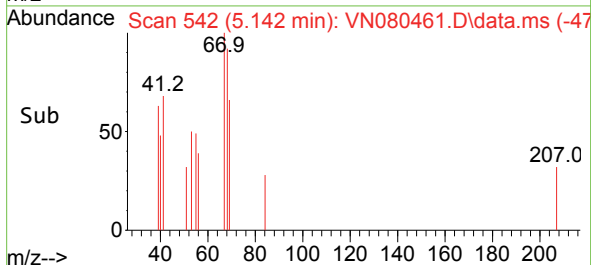
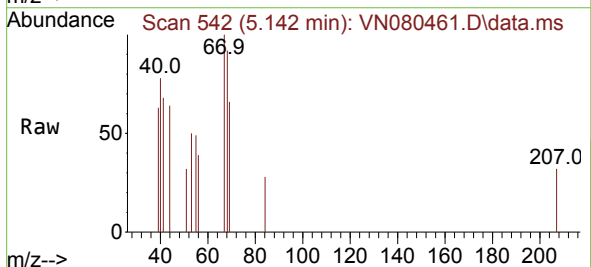


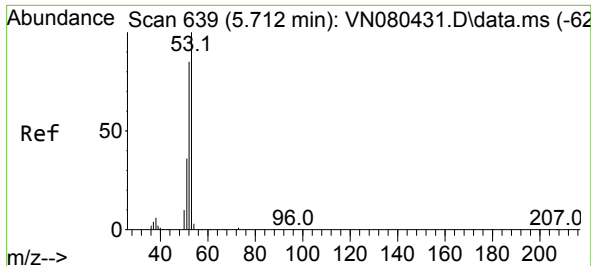
Tgt Ion: 56 Resp: 1488
Ion Ratio Lower Upper
56 100
55 1917.8 54.5 81.7#



#14
Allyl chloride
Concen: 0.208 ug/l
RT: 5.142 min Scan# 542
Delta R.T. 0.124 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Tgt Ion: 41 Resp: 591
Ion Ratio Lower Upper
41 100
39 186.6 58.8 88.2#
76 0.0 39.1 58.7#

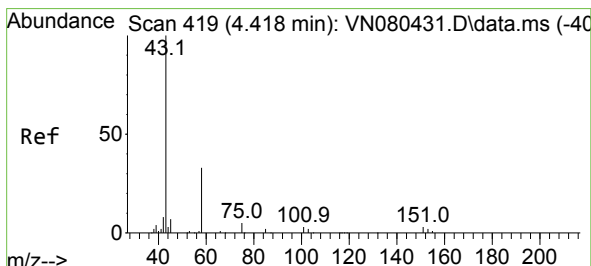
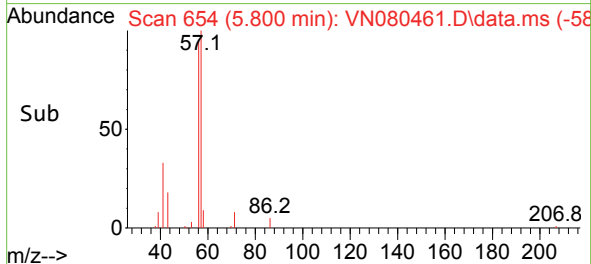
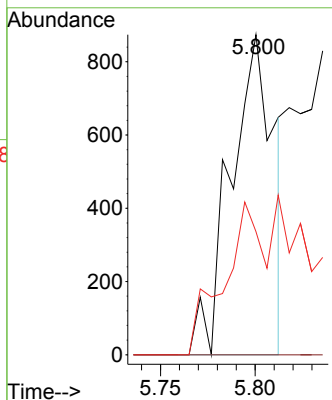
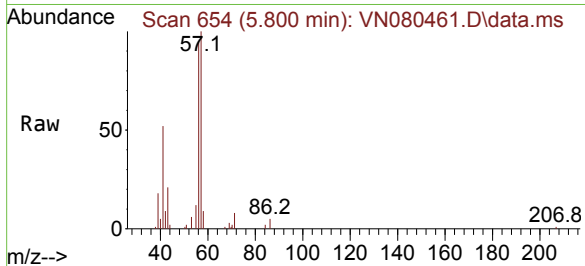




#15
Acrylonitrile
Concen: 1.532 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.088 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

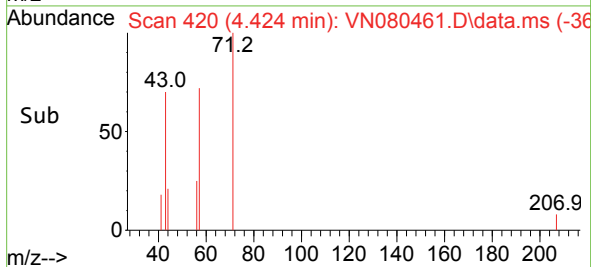
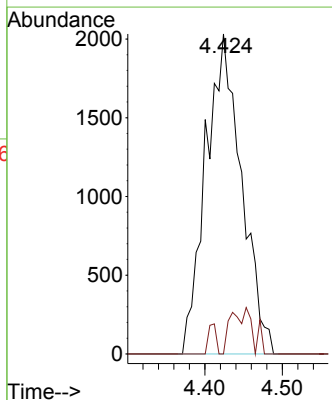
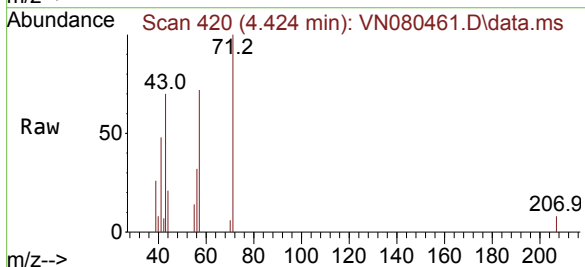
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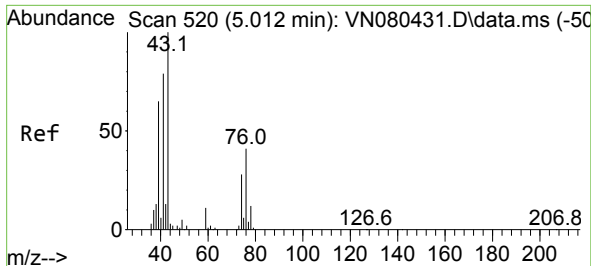
Tgt Ion: 53 Resp: 1389
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 44.0 28.9 43.3#



#16
Acetone
Concen: 13.467 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

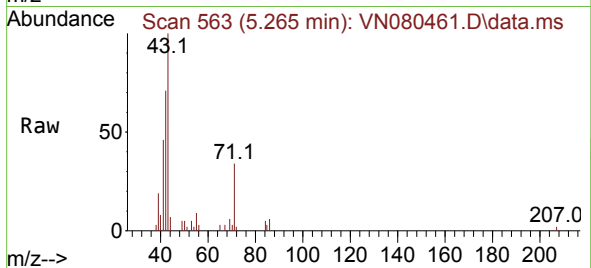
Tgt Ion: 43 Resp: 6508
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



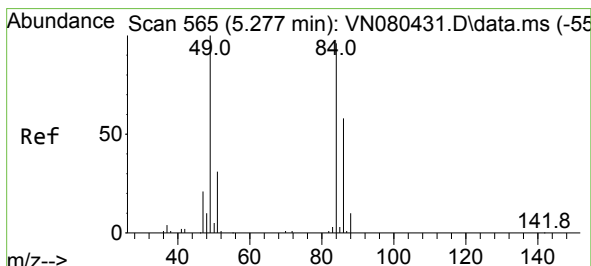
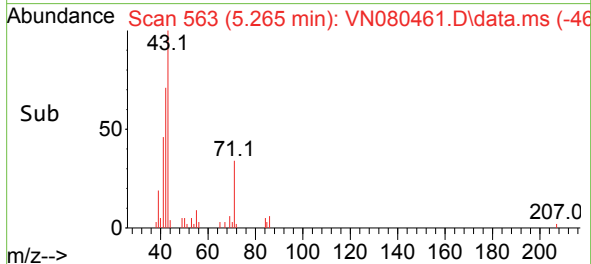
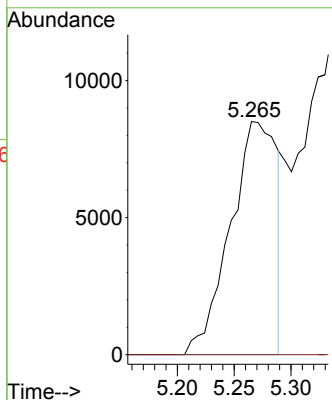


#18
Methyl Acetate
Concen: 7.763 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.253 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Instrument :
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ClientSampleId :

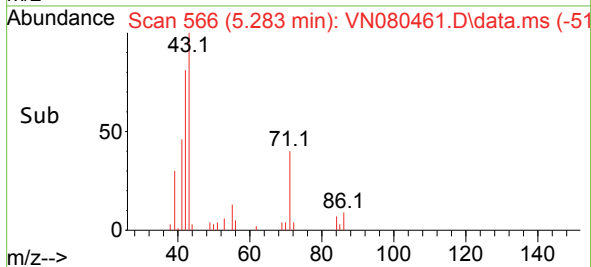
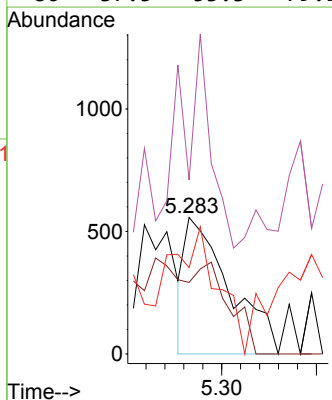
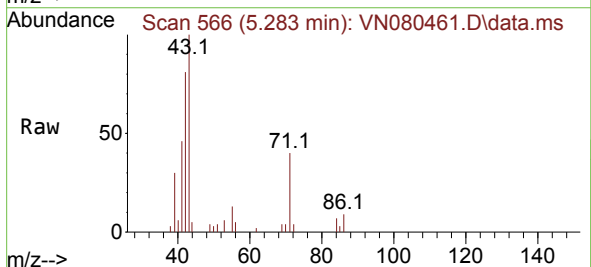


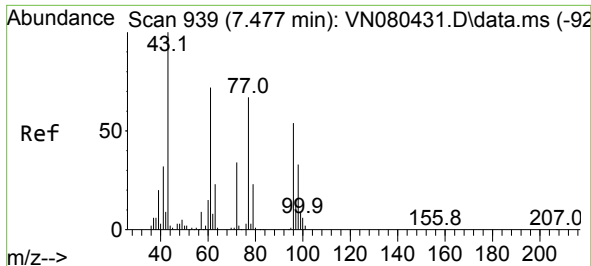
Tgt Ion: 43 Resp: 24138
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080461.D
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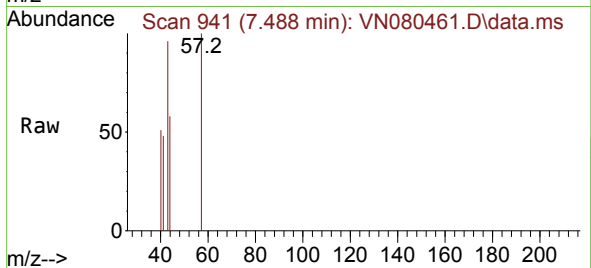
Tgt Ion: 84 Resp: 912
Ion Ratio Lower Upper
84 100
49 52.4 79.7 119.5#
51 14.7 25.2 37.8#
86 37.5 53.3 79.9#



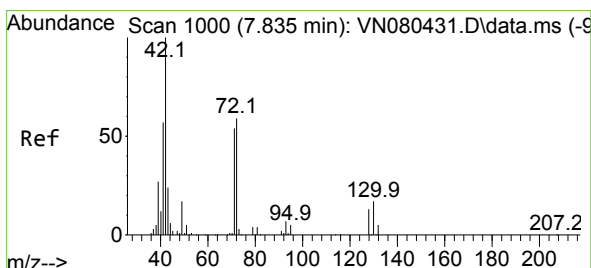
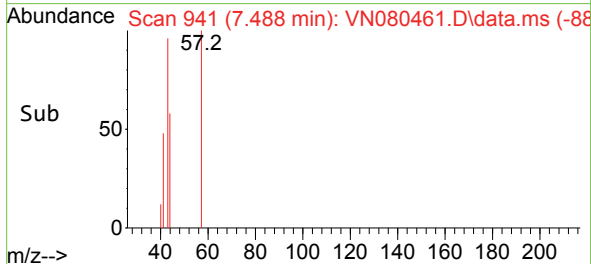
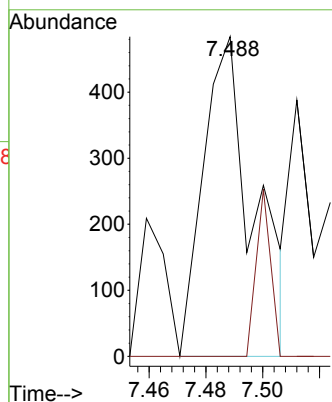


#25
2-Butanone
Concen: 0.636 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Instrument :
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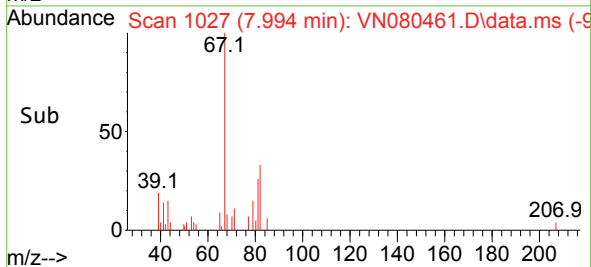
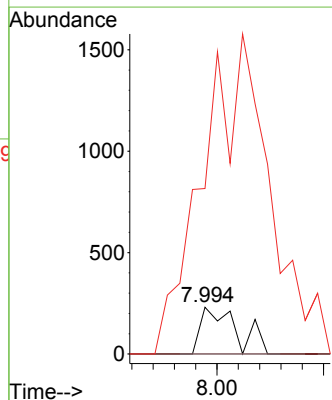
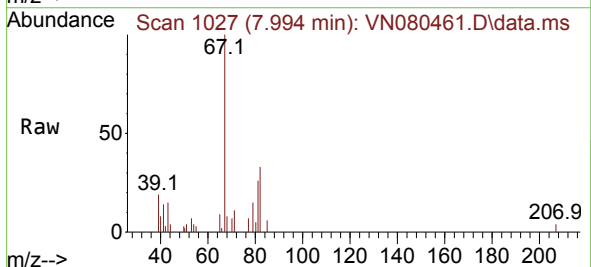


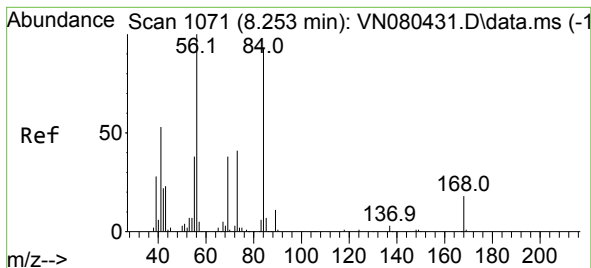
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.411 ug/l
RT: 7.994 min Scan# 1027
Delta R.T. 0.159 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Tgt Ion: 42 Resp: 274
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 1258.4 47.4 71.2#





#31

Cyclohexane

Concen: 8.273 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

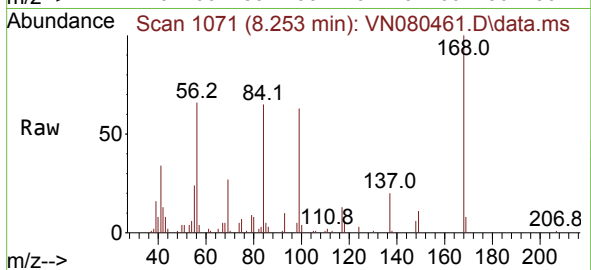
Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :



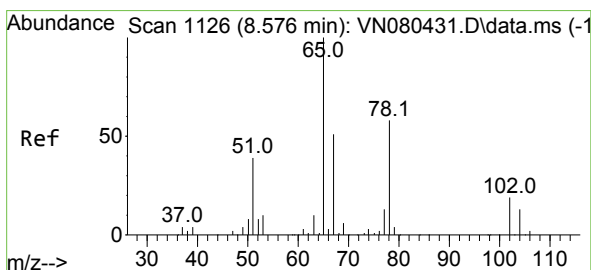
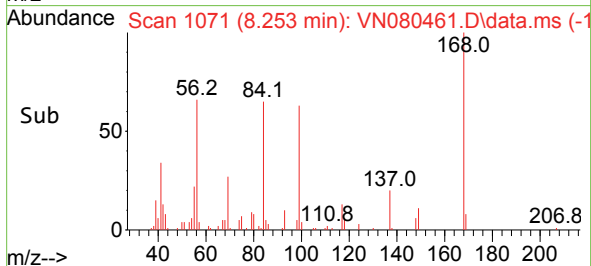
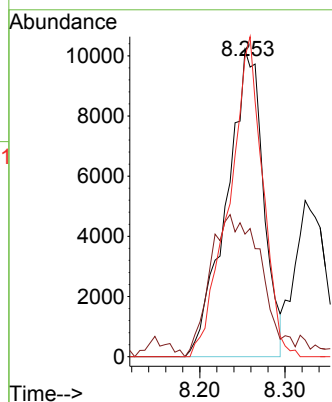
Tgt Ion: 56 Resp: 30662

Ion Ratio Lower Upper

56 100

69 37.7 26.8 40.2

84 97.5 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 63.047 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080461.D

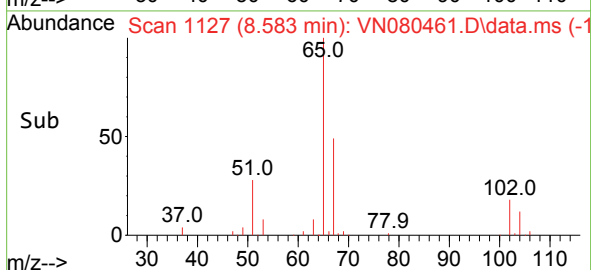
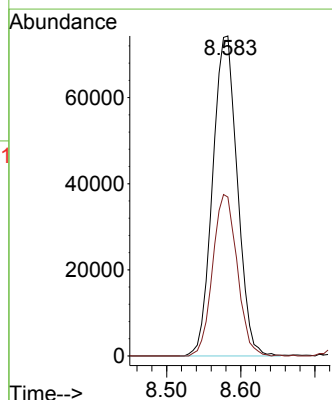
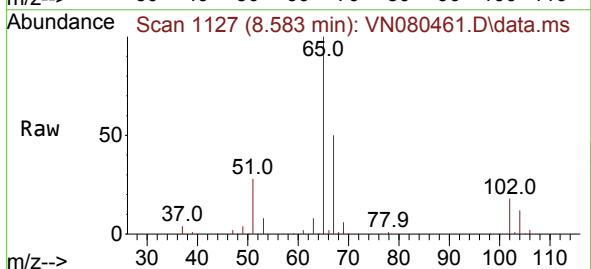
Acq: 13 Dec 2023 14:54

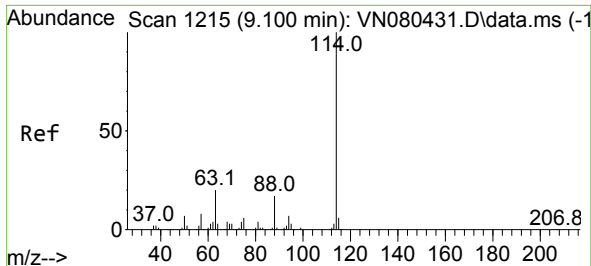
Tgt Ion: 65 Resp: 171828

Ion Ratio Lower Upper

65 100

67 50.1 0.0 106.6

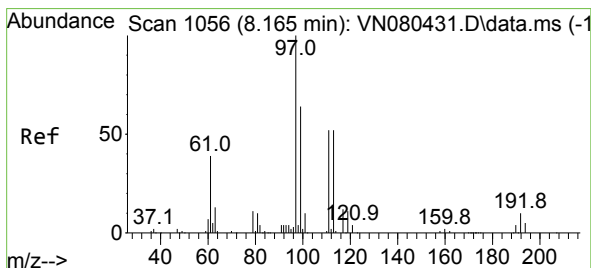
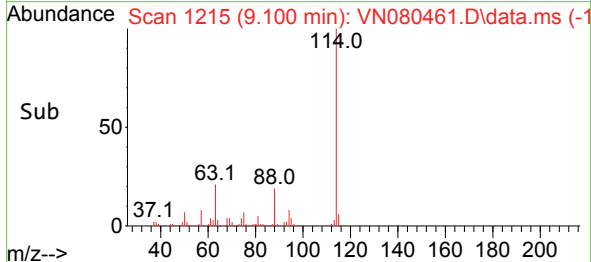
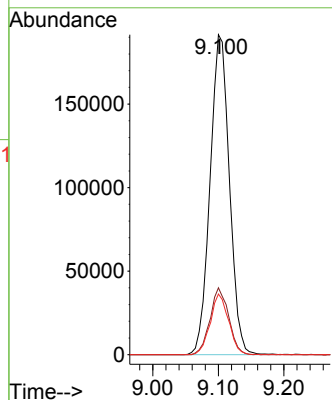
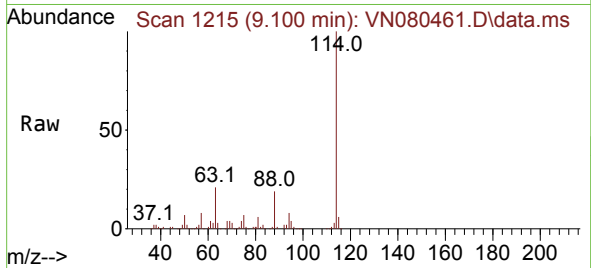




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

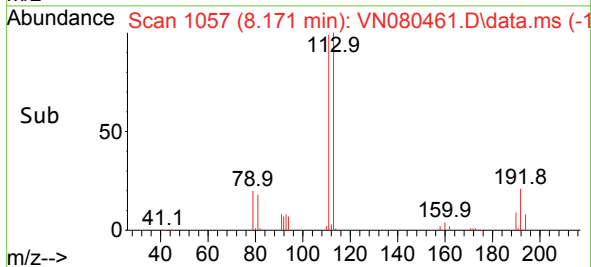
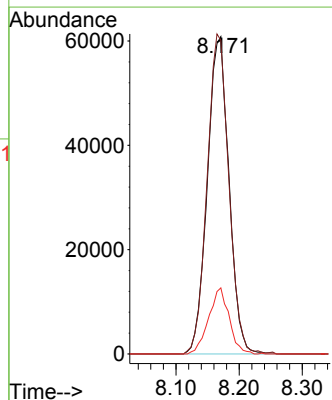
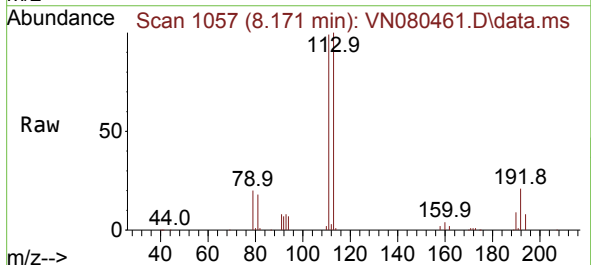
Instrument :
MSVOA_N
ClientSampleId :

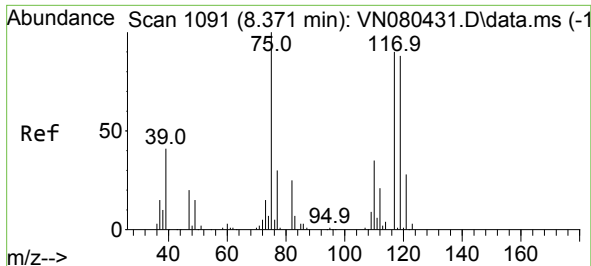
Tgt Ion:114 Resp: 392129
Ion Ratio Lower Upper
114 100
63 20.9 0.0 36.4
88 18.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.282 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Tgt Ion:113 Resp: 144904
Ion Ratio Lower Upper
113 100
111 100.9 82.6 123.8
192 19.7 12.7 19.1#





#36

1,1-Dichloropropene

Concen: 4.315 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

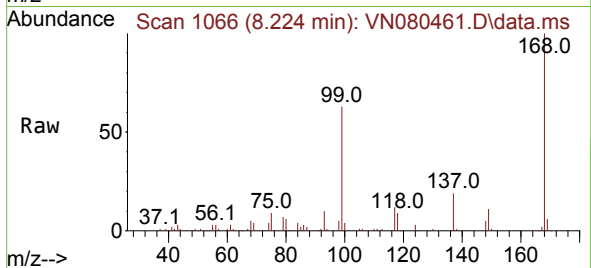
Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :



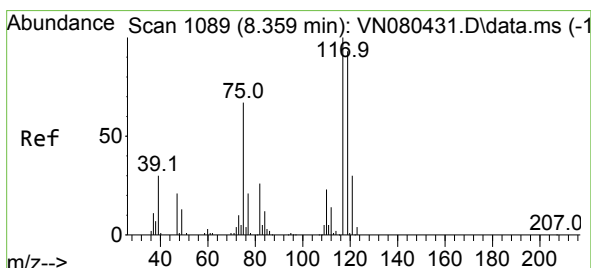
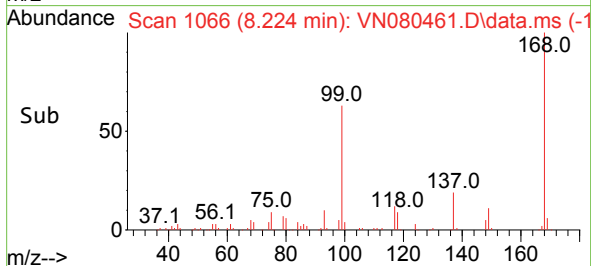
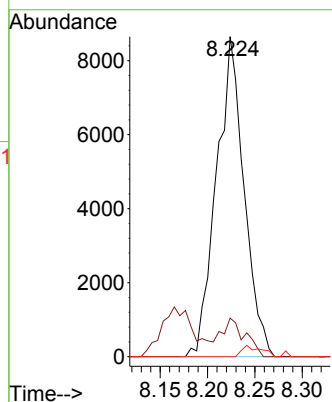
Tgt Ion: 75 Resp: 17540

Ion Ratio Lower Upper

75 100

110 10.1 19.1 57.3#

77 2.4 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.004 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

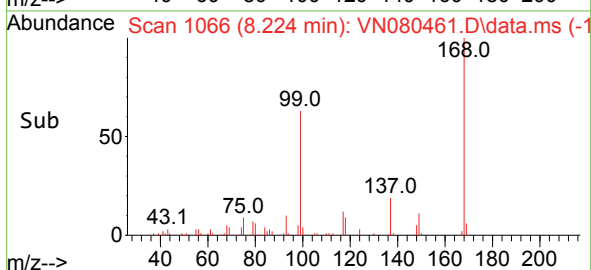
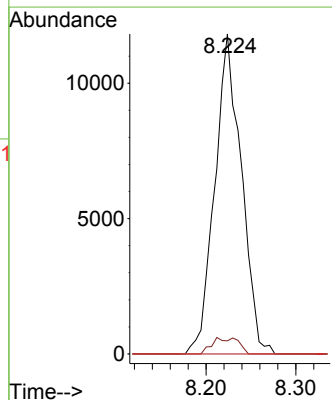
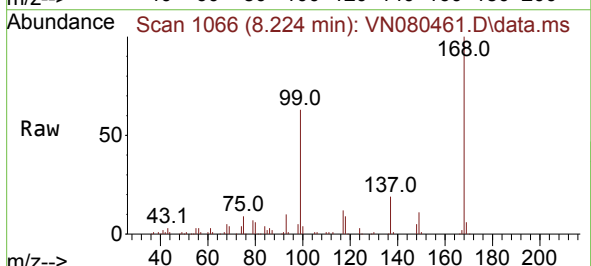
Tgt Ion: 117 Resp: 24308

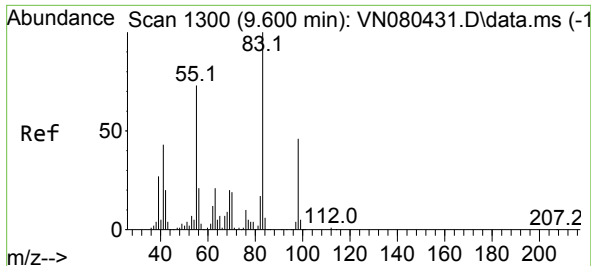
Ion Ratio Lower Upper

117 100

119 4.1 77.3 115.9#

121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 5.029 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

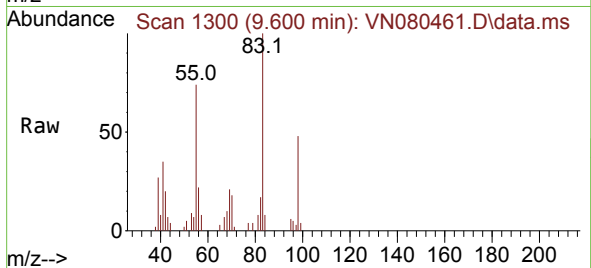
Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

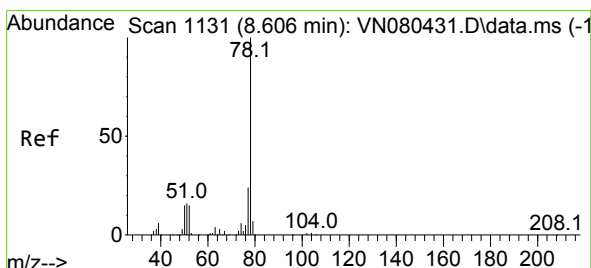
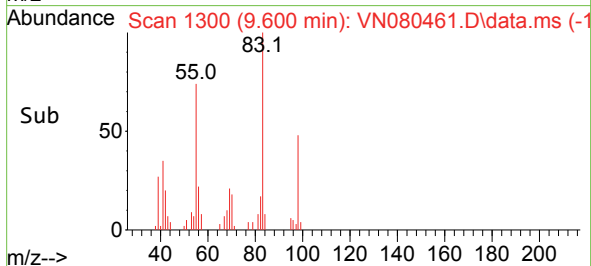
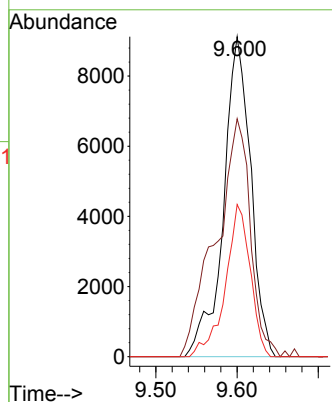
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	21236
Ion	Ratio	Lower	Upper
83	100		
55	74.4	49.1	73.7#
98	47.5	40.6	61.0



#40

Benzene

Concen: 0.240 ug/l

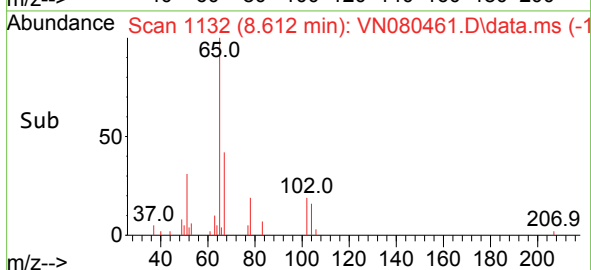
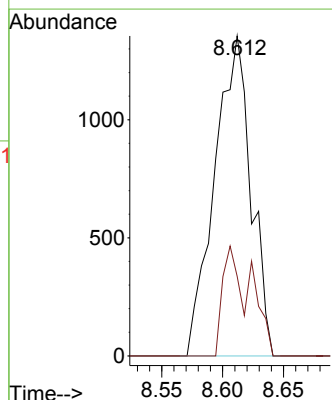
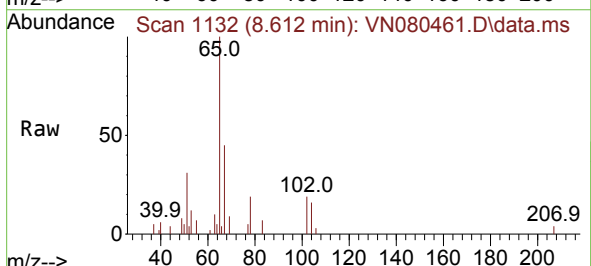
RT: 8.612 min Scan# 1132

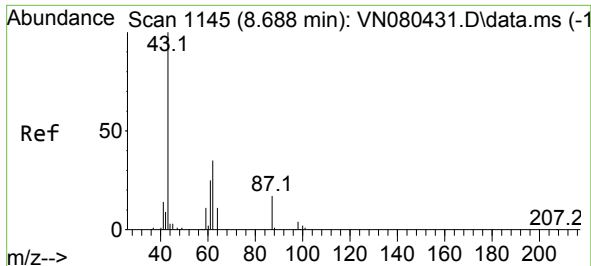
Delta R.T. 0.006 min

Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

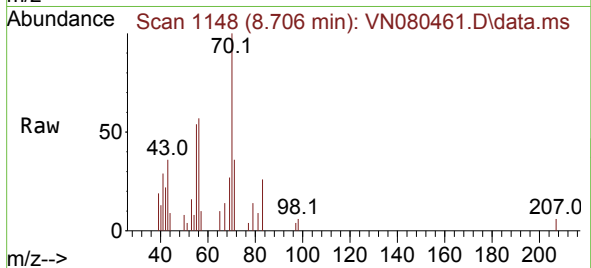
Tgt Ion:	78	Resp:	2812
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.6



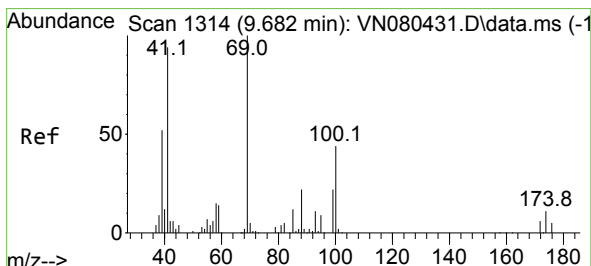
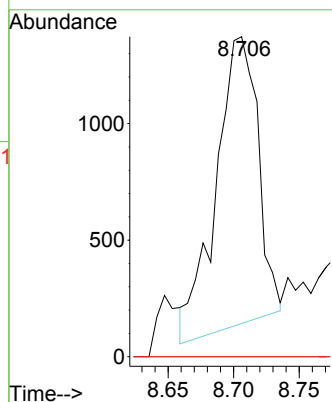
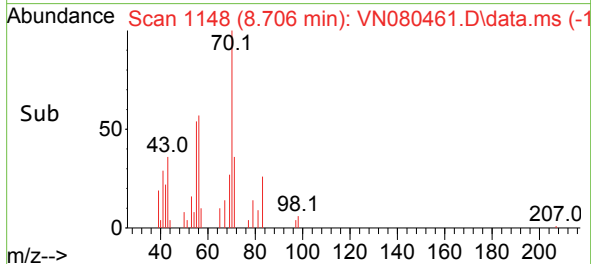


#43
Isopropyl Acetate
Concen: 0.602 ug/l
RT: 8.706 min Scan# 1148
Delta R.T. 0.018 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :

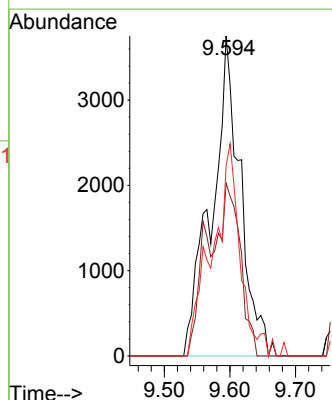
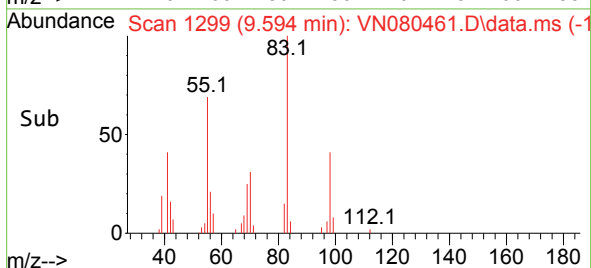
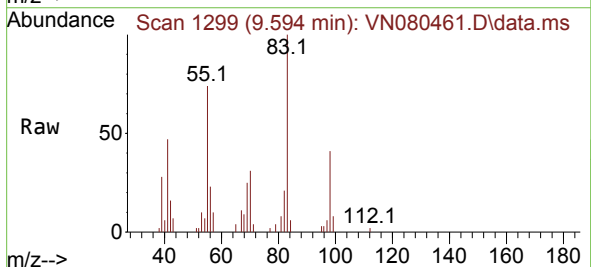


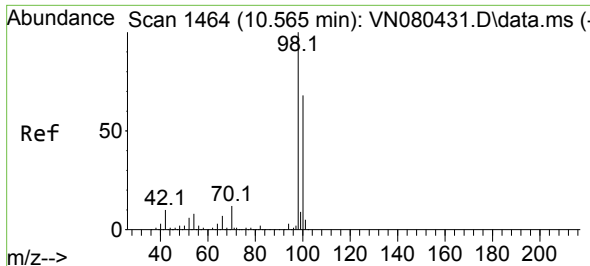
Tgt Ion: 43 Resp: 2757
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 4.182 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.088 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Tgt Ion: 41 Resp: 11422
Ion Ratio Lower Upper
41 100
69 38.0 90.4 135.6#
39 64.1 54.6 81.8

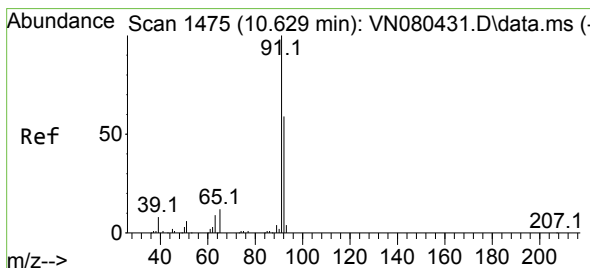
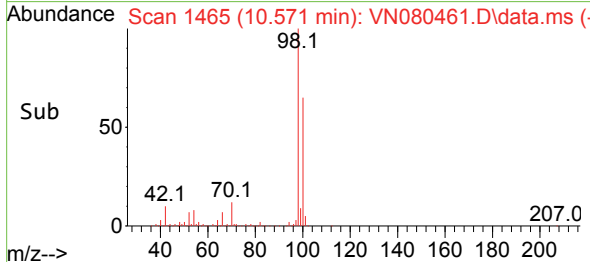
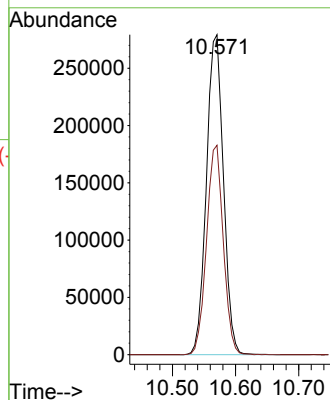
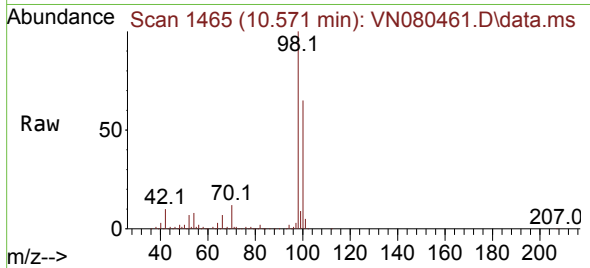




#50
Toluene-d8
Concen: 56.344 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

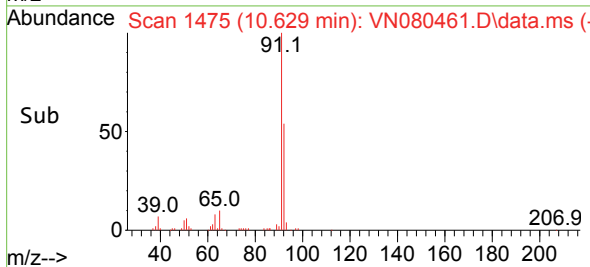
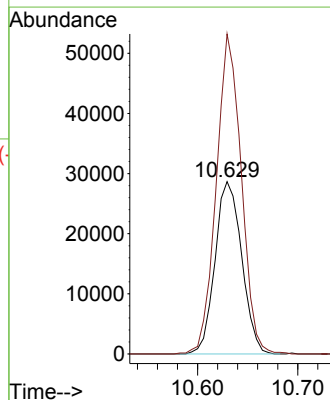
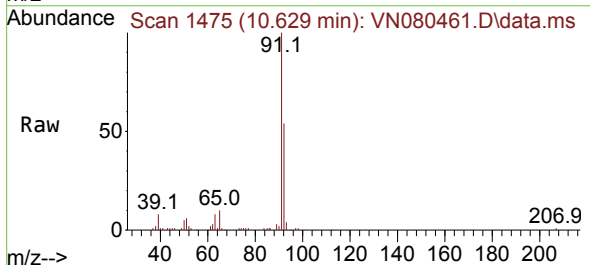
Instrument :
MSVOA_N
ClientSampleId :

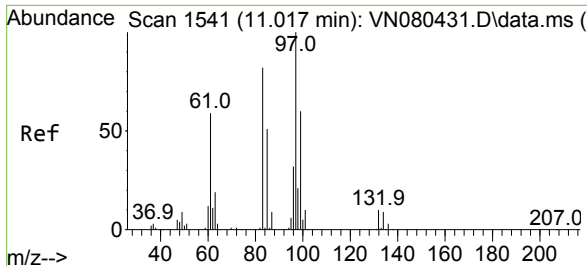
Tgt Ion: 98 Resp: 522448
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#52
Toluene
Concen: 7.142 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

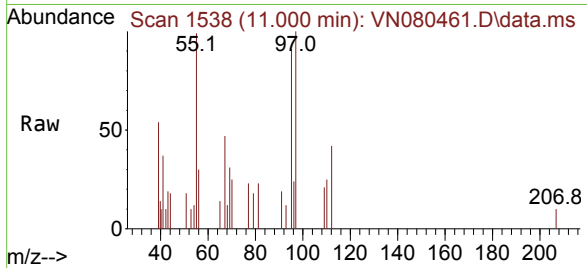
Tgt Ion: 92 Resp: 52961
Ion Ratio Lower Upper
92 100
91 174.4 137.4 206.0



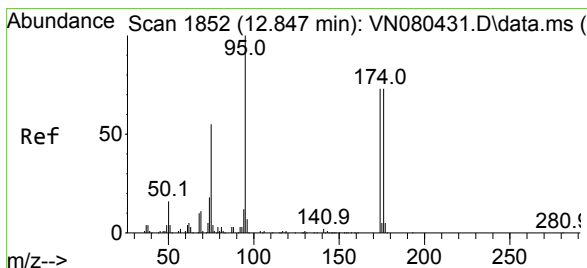
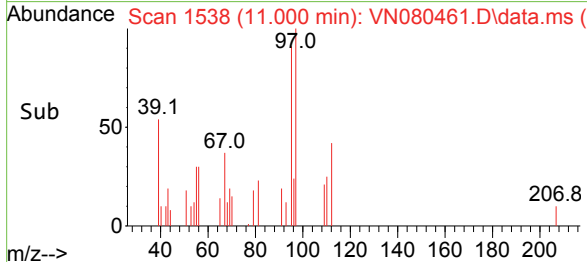
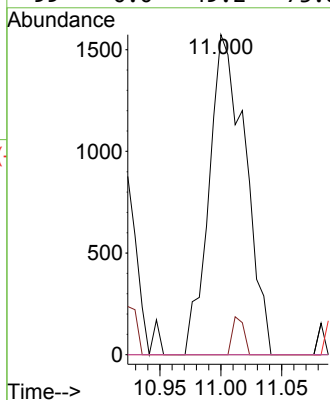


#55
 1,1,2-Trichloroethane
 Concen: 1.221 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. -0.017 min
 Lab File: VN080461.D
 Acq: 13 Dec 2023 14:54

Instrument :
 MSVOA_N
 ClientSampleId :

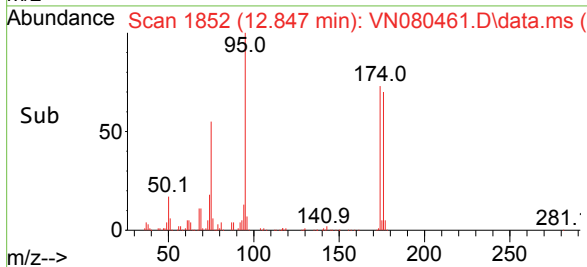
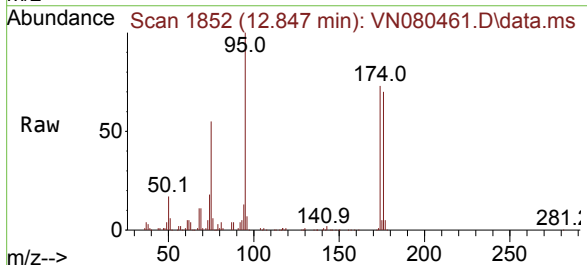
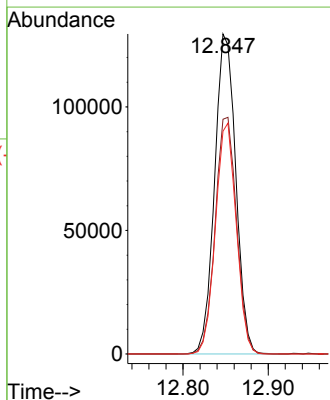


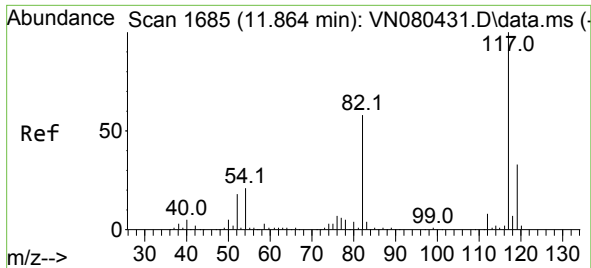
Tgt Ion: 97	Resp: 3259
Ion Ratio	Lower Upper
97 100	
83 0.0	65.1 97.7#
85 0.0	43.4 65.2#
99 0.0	49.2 73.8#



#62
 4-Bromofluorobenzene
 Concen: 63.591 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN080461.D
 Acq: 13 Dec 2023 14:54

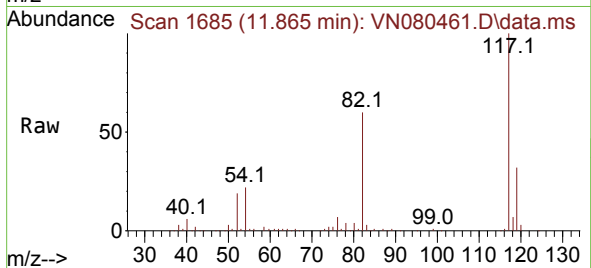
Tgt Ion: 95	Resp: 223902
Ion Ratio	Lower Upper
95 100	
174 74.9	0.0 143.8
176 70.9	0.0 135.8



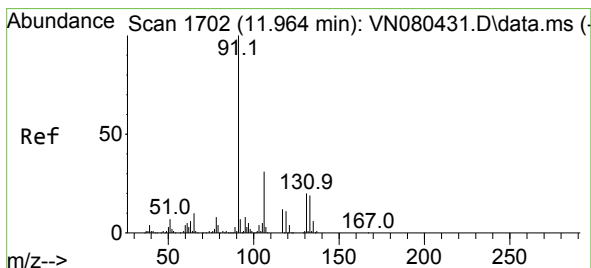
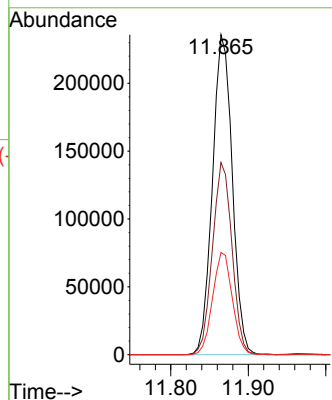
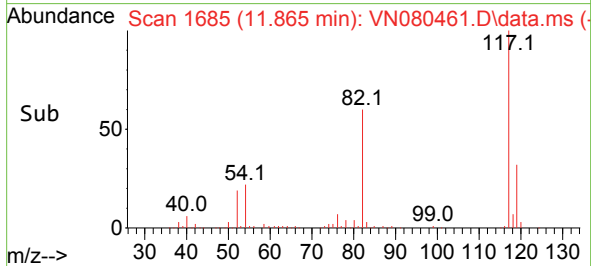


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Instrument :
MSVOA_N
ClientSampleId :

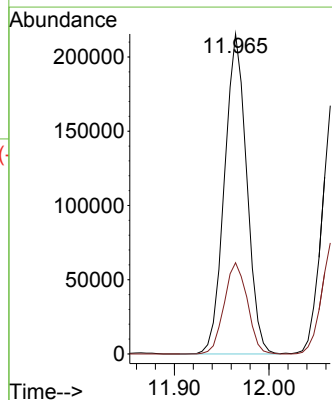
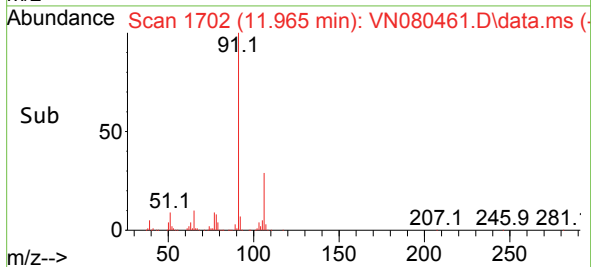
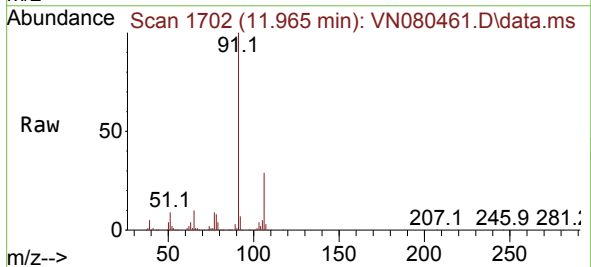


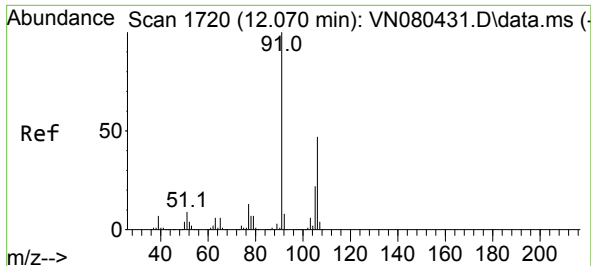
Tgt Ion:117 Resp: 418764
Ion Ratio Lower Upper
117 100
82 60.1 44.0 66.0
119 32.0 25.6 38.4



#67
Ethyl Benzene
Concen: 20.505 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Tgt Ion: 91 Resp: 351232
Ion Ratio Lower Upper
91 100
106 28.5 25.6 38.4

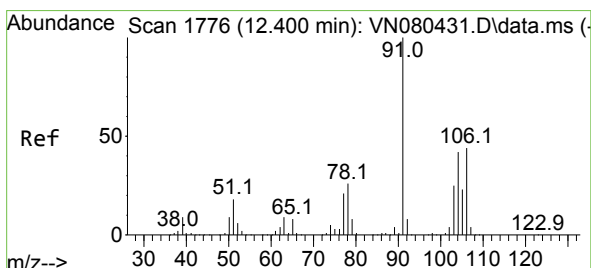
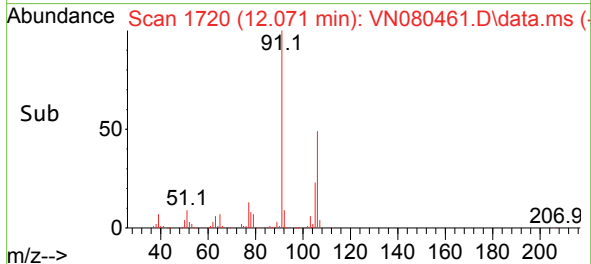
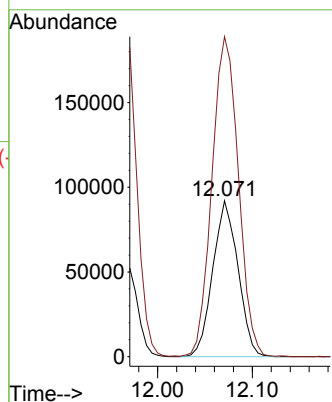
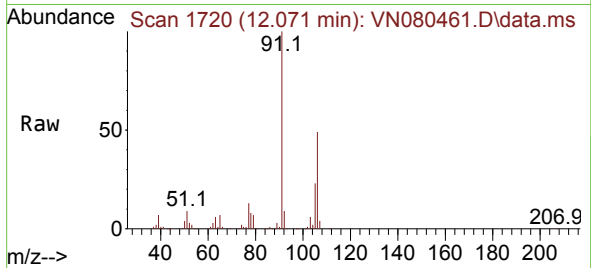




#68
m/p-Xylenes
Concen: 26.934 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

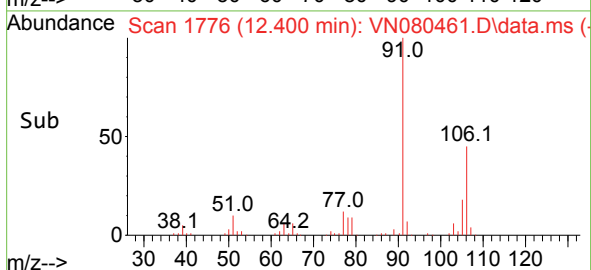
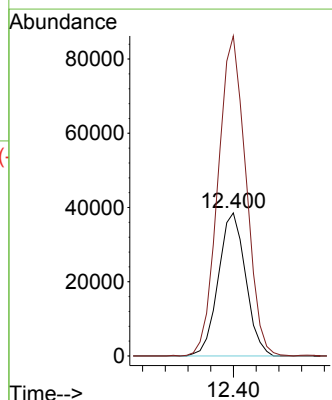
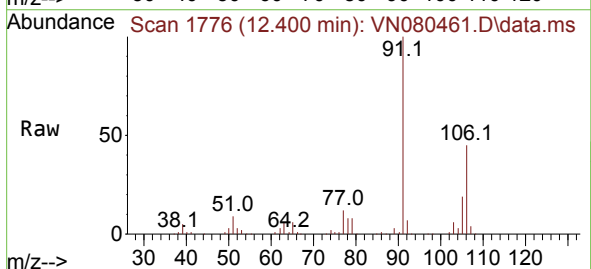
Instrument :
MSVOA_N
ClientSampleId :

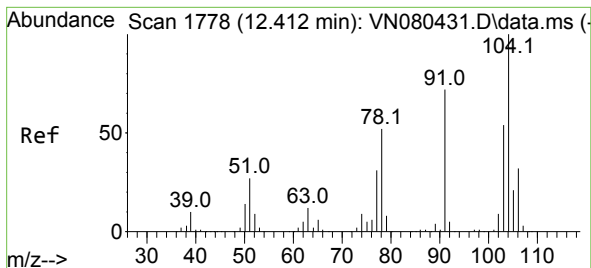
Tgt Ion:106 Resp: 170476
Ion Ratio Lower Upper
106 100
91 215.4 159.6 239.4



#69
o-Xylene
Concen: 10.384 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Tgt Ion:106 Resp: 64286
Ion Ratio Lower Upper
106 100
91 229.2 105.2 315.5





#70

Styrene

Concen: 0.484 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.012 min

Lab File: VN080461.D

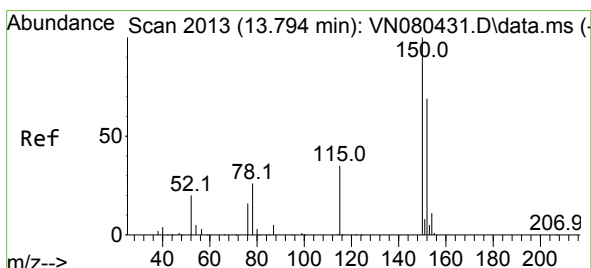
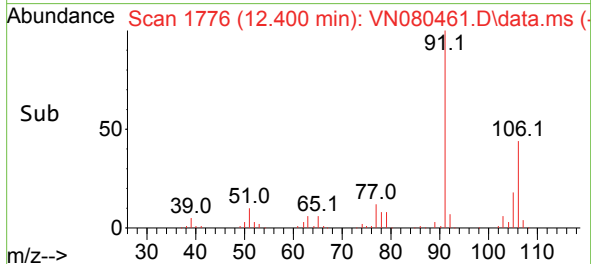
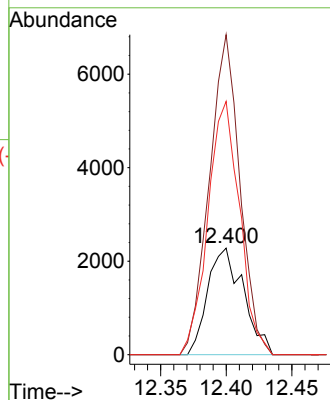
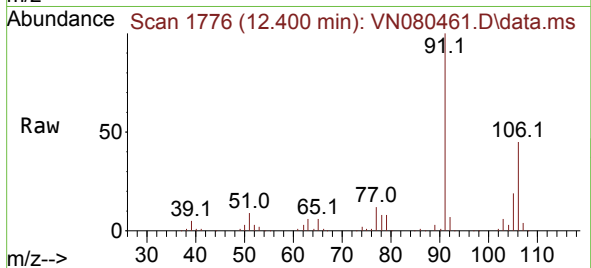
Acq: 13 Dec 2023 14:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	104	Resp:	4320
Ion Ratio	Lower	Upper	
104	100		
78	257.3	39.5	59.3#
103	211.6	43.2	64.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

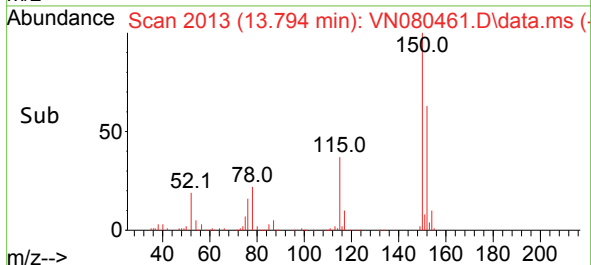
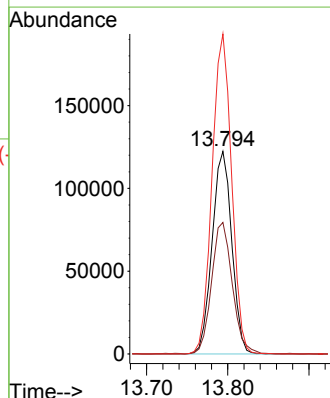
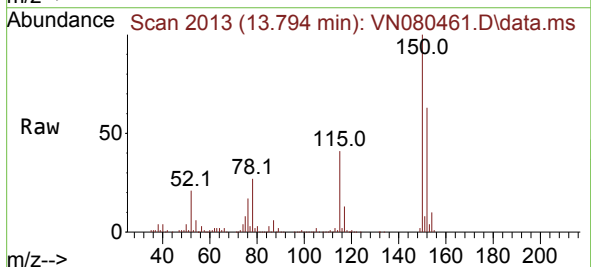
RT: 13.794 min Scan# 2013

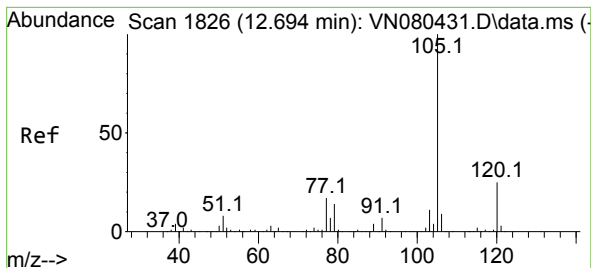
Delta R.T. 0.000 min

Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

Tgt Ion:	152	Resp:	205997
Ion Ratio	Lower	Upper	
152	100		
115	68.4	32.3	96.8
150	156.3	0.0	355.8





#73

Isopropylbenzene

Concen: 1.710 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

Instrument :

MSVOA_N

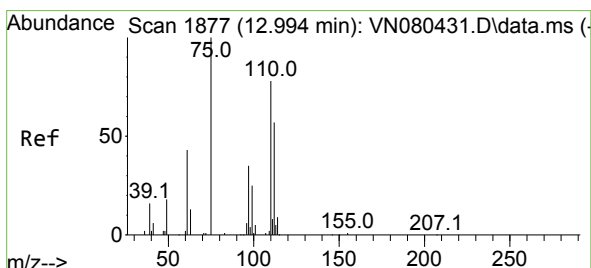
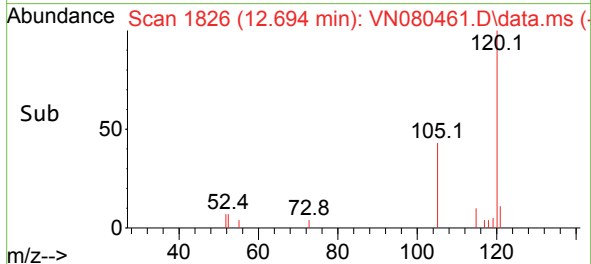
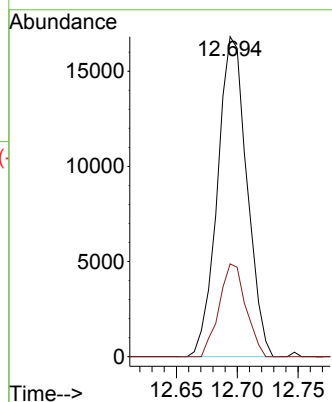
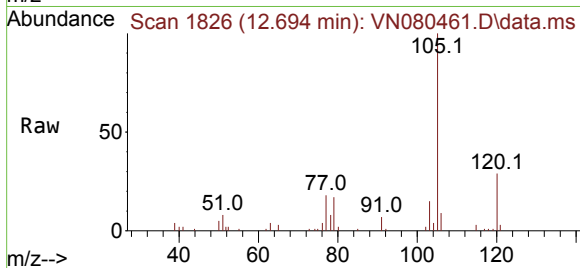
ClientSampleId :

Tgt Ion:105 Resp: 28303

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



#76

1,2,3-Trichloropropane

Concen: 29.179 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080461.D

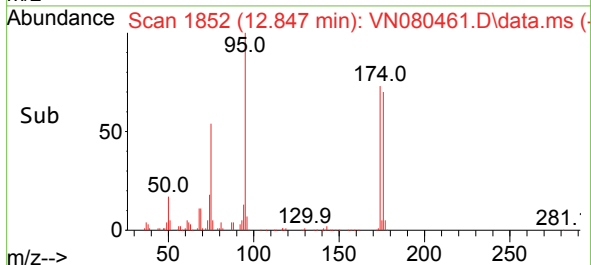
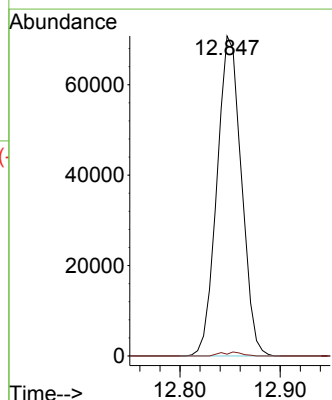
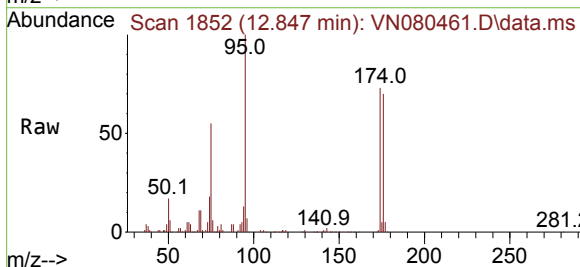
Acq: 13 Dec 2023 14:54

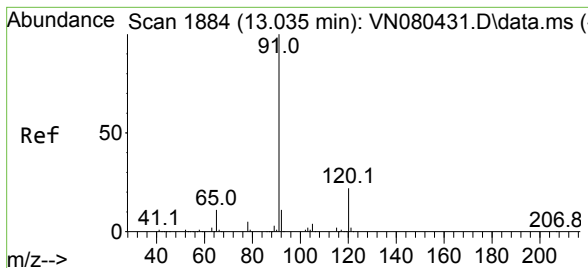
Tgt Ion: 75 Resp: 119912

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#





#78

n-propylbenzene

Concen: 7.089 ug/l

RT: 13.035 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

Instrument :

MSVOA_N

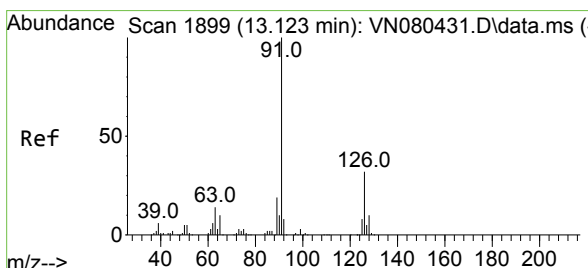
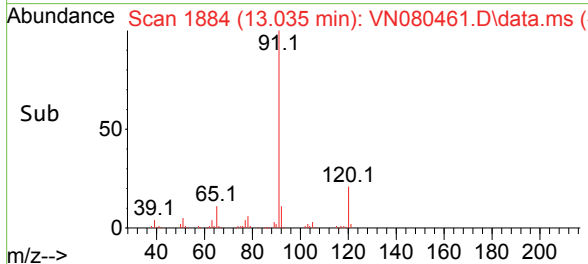
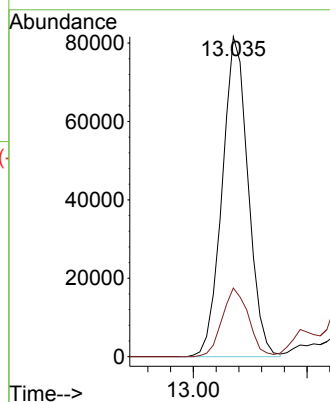
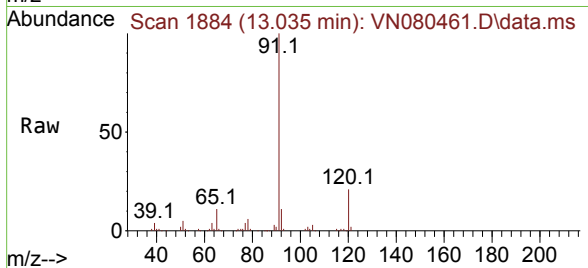
ClientSampleId :

Tgt Ion: 91 Resp: 129336

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4



#79

2-Chlorotoluene

Concen: 1.160 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN080461.D

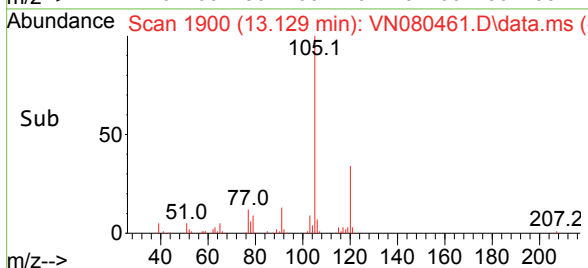
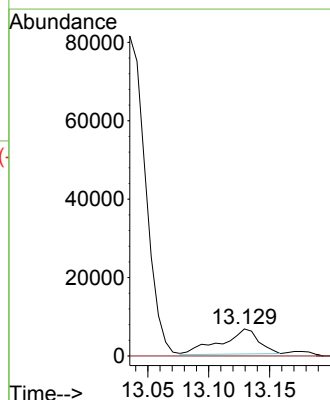
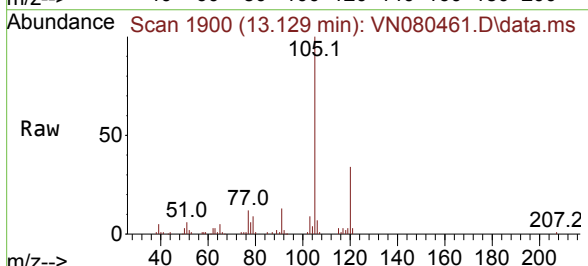
Acq: 13 Dec 2023 14:54

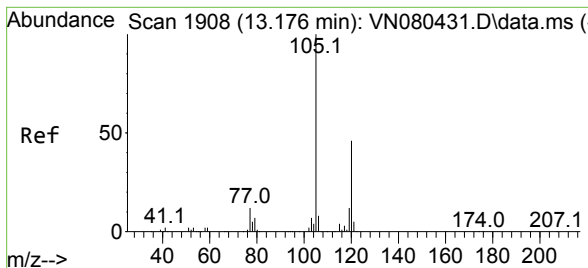
Tgt Ion: 91 Resp: 13816

Ion Ratio Lower Upper

91 100

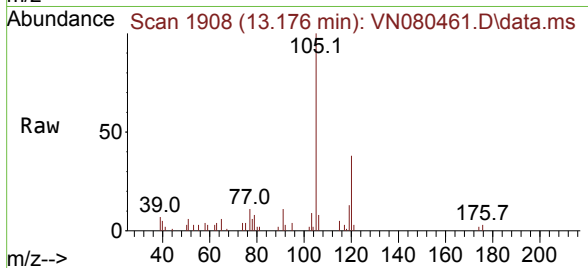
126 0.0 16.3 48.8#



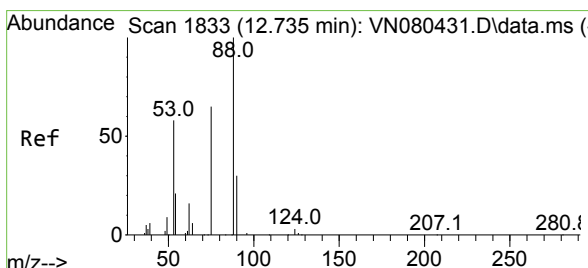
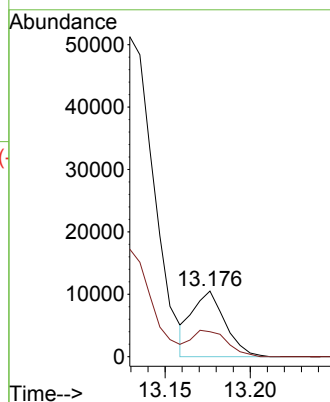
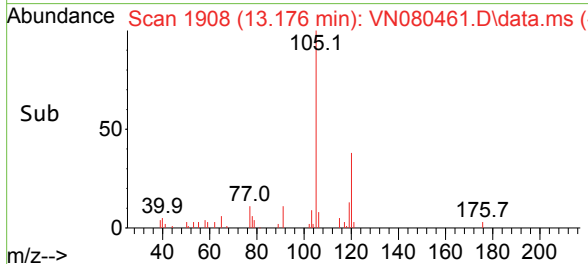


#80
 1,3,5-Trimethylbenzene
 Concen: 0.988 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN080461.D
 Acq: 13 Dec 2023 14:54

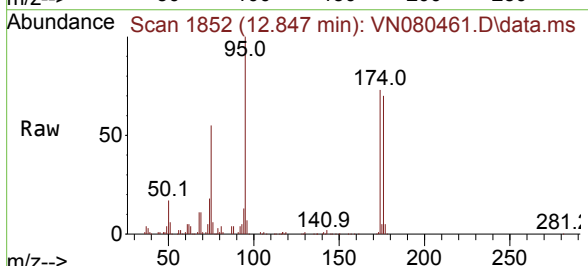
Instrument :
 MSVOA_N
 ClientSampleId :



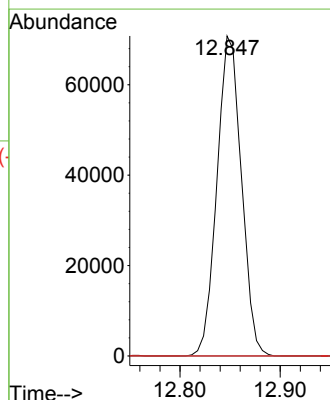
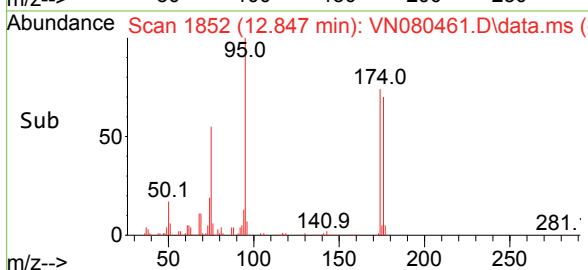
Tgt Ion:105 Resp: 14082
 Ion Ratio Lower Upper
 105 100
 120 44.0 24.1 72.3

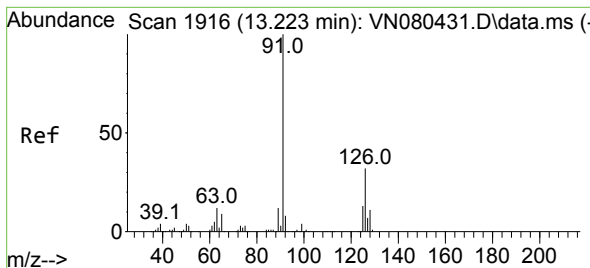


#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.611 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN080461.D
 Acq: 13 Dec 2023 14:54



Tgt Ion: 75 Resp: 119912
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 1.128 ug/l

RT: 13.129 min Scan# 1916

Delta R.T. -0.094 min MSVOA_N

Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

Instrument :

MSVOA_N

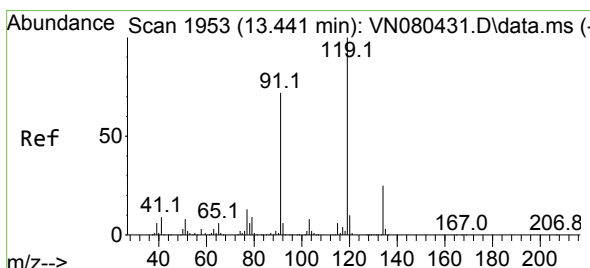
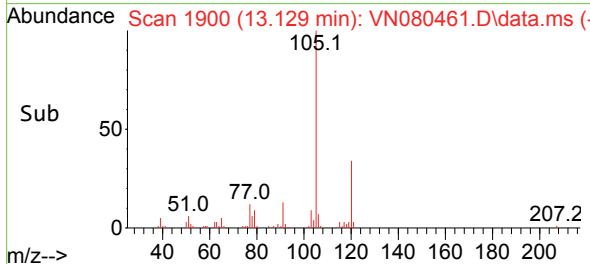
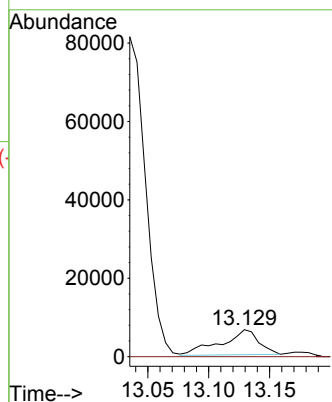
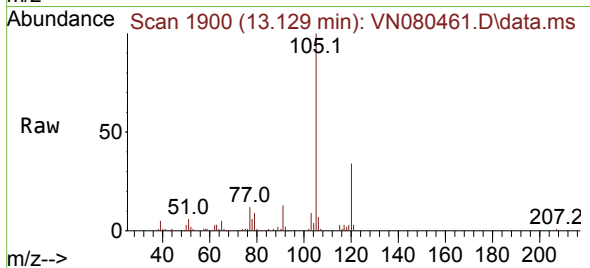
ClientSampleId :

Tgt Ion: 91 Resp: 13816

Ion Ratio Lower Upper

91 100

126 0.0 16.7 50.0#



#83

tert-Butylbenzene

Concen: 5.521 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

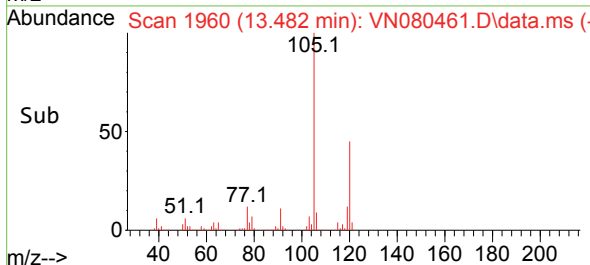
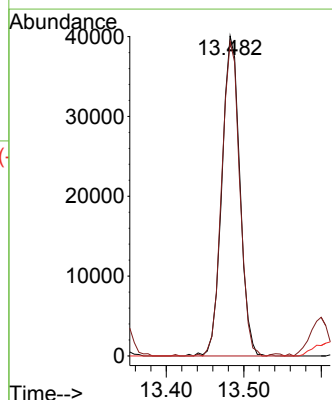
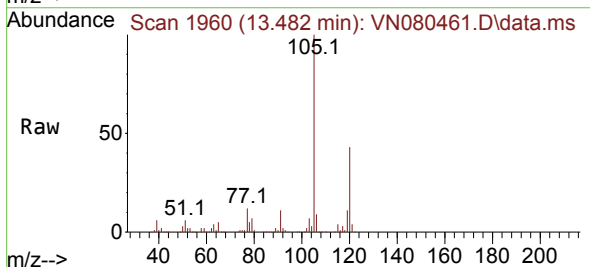
Tgt Ion: 119 Resp: 64442

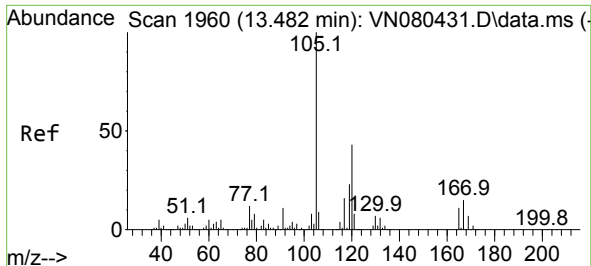
Ion Ratio Lower Upper

119 100

91 98.5 33.9 101.7

134 0.0 13.2 39.6#

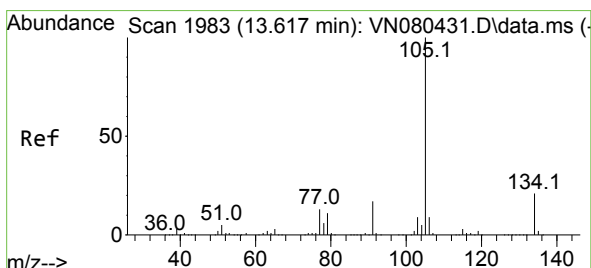
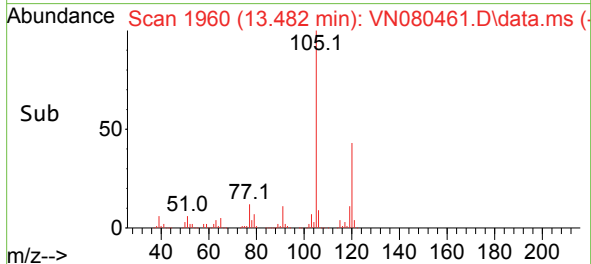
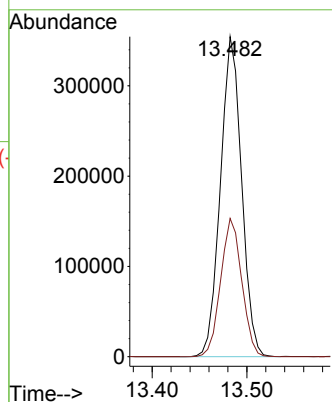
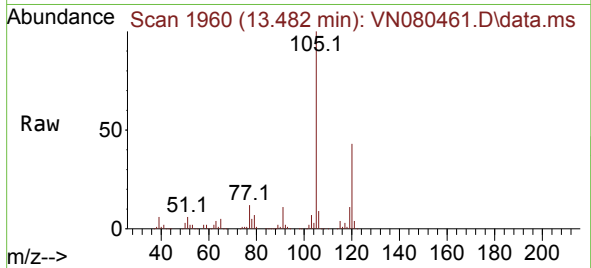




#84
1,2,4-Trimethylbenzene
Concen: 38.888 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

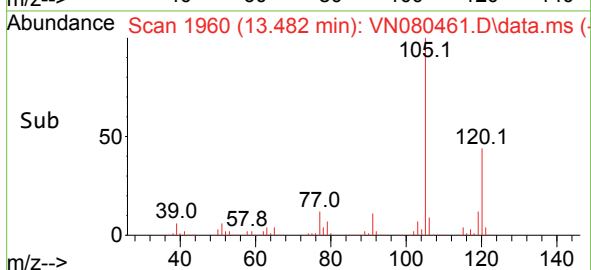
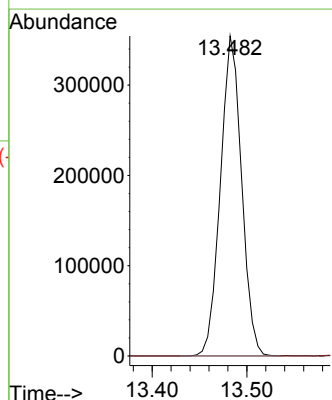
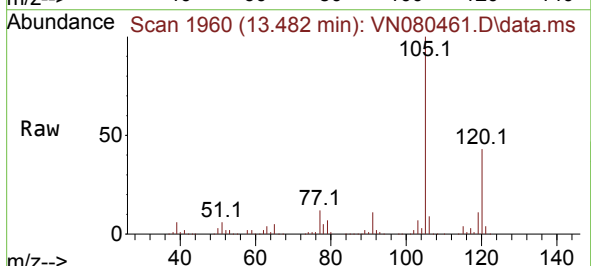
Instrument :
MSVOA_N
ClientSampleId :

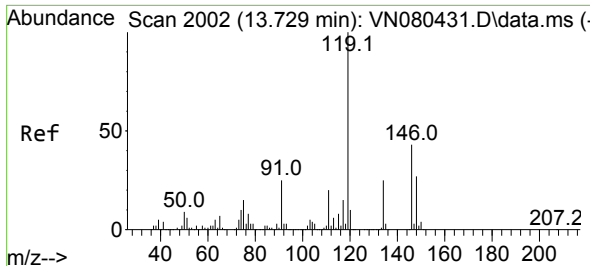
Tgt Ion:105 Resp: 551367
Ion Ratio Lower Upper
105 100
120 43.0 22.0 66.0



#85
sec-Butylbenzene
Concen: 36.928 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Tgt Ion:105 Resp: 551367
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

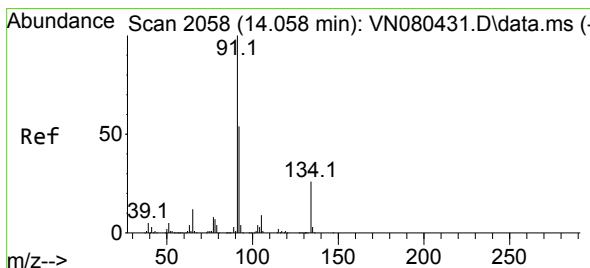
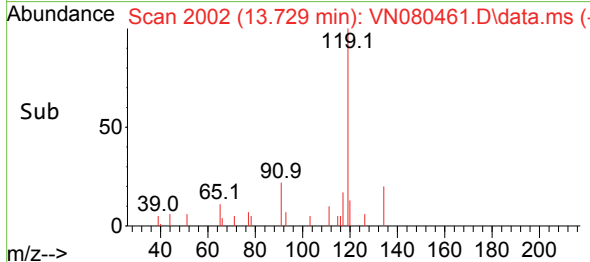
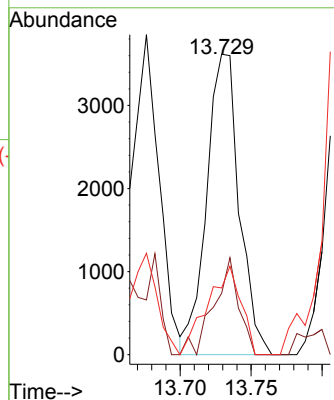
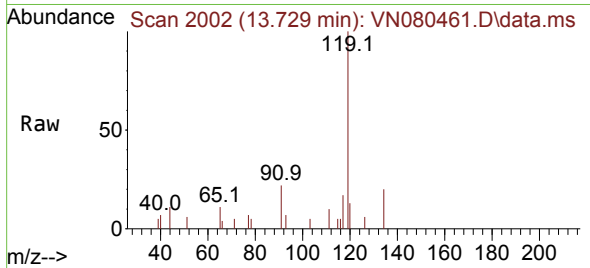




#86
p-Isopropyltoluene
Concen: 0.429 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

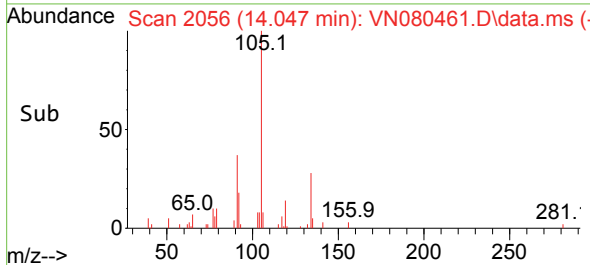
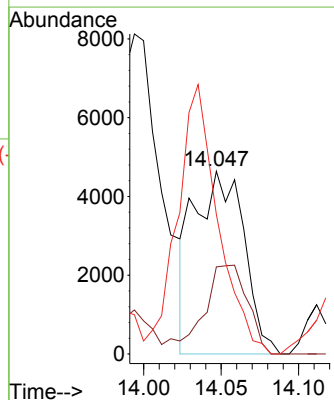
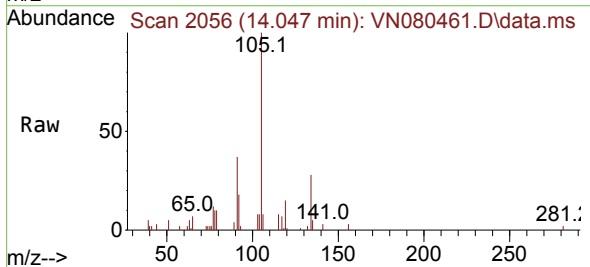
Instrument :
MSVOA_N
ClientSampleId :

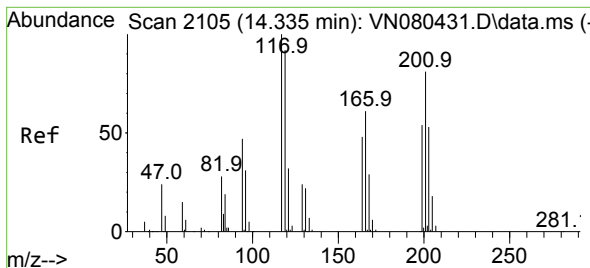
Tgt Ion:119 Resp: 5781
Ion Ratio Lower Upper
119 100
134 24.7 12.6 37.8
91 0.0 12.4 37.2#



#89
n-Butylbenzene
Concen: 0.920 ug/l
RT: 14.047 min Scan# 2056
Delta R.T. -0.012 min
Lab File: VN080461.D
Acq: 13 Dec 2023 14:54

Tgt Ion: 91 Resp: 10361
Ion Ratio Lower Upper
91 100
92 40.9 26.4 79.0
134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 4.143 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

Instrument :

MSVOA_N

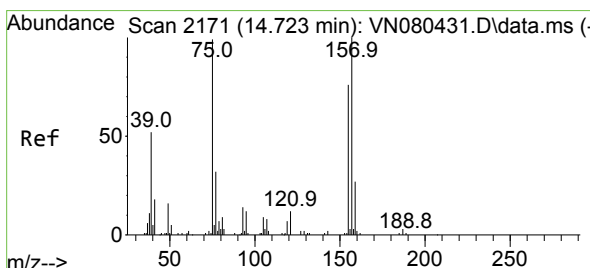
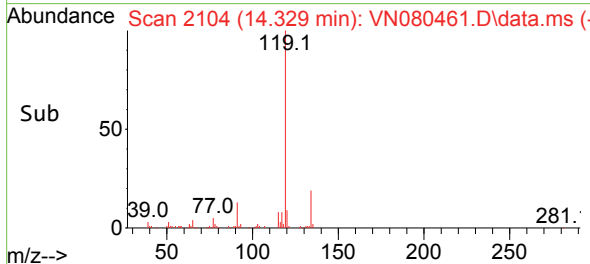
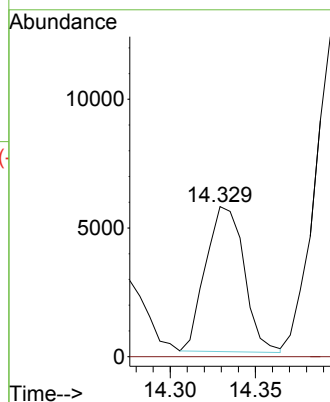
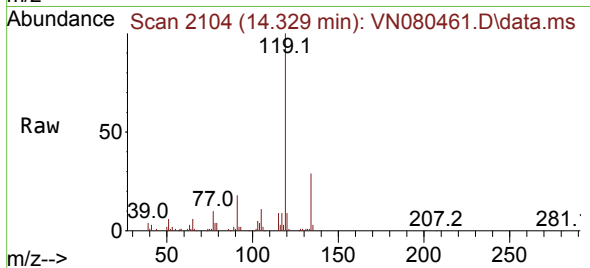
ClientSampleId :

Tgt Ion:117 Resp: 8870

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.796 ug/l

RT: 14.688 min Scan# 2165

Delta R.T. -0.035 min

Lab File: VN080461.D

Acq: 13 Dec 2023 14:54

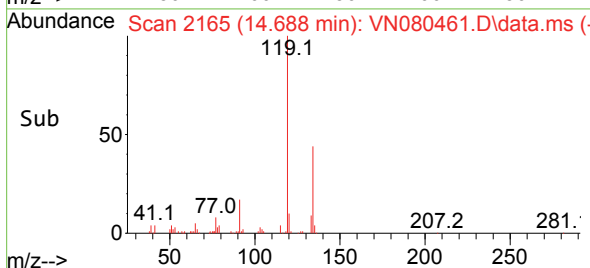
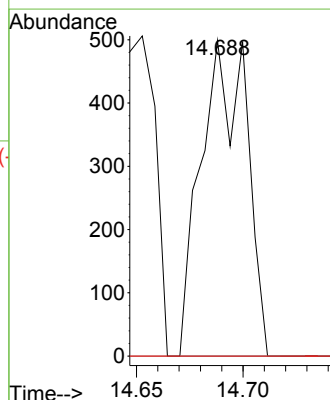
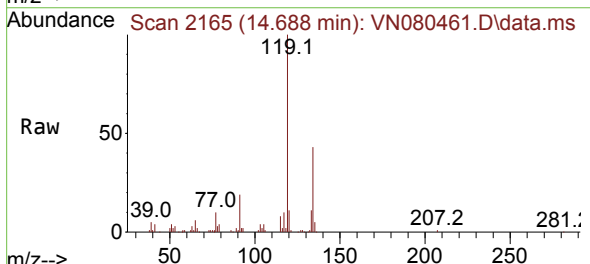
Tgt Ion: 75 Resp: 742

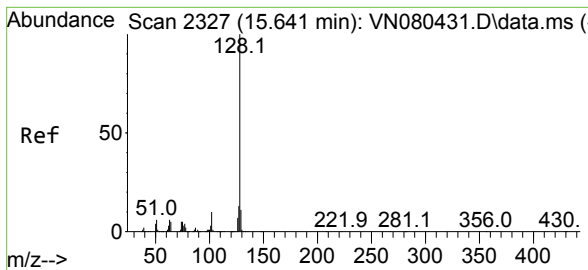
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

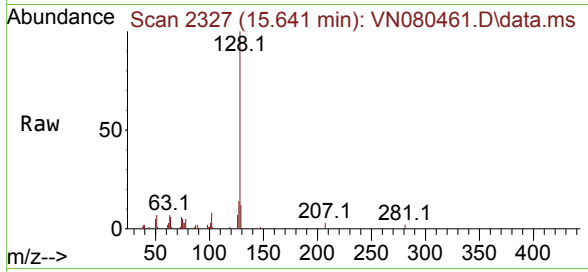
157 0.0 50.3 150.9#





#95
 Naphthalene
 Concen: 3.634 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080461.D
 Acq: 13 Dec 2023 14:54

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	41728
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	11.1	8.7	13.1

