

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078534.D
 Acq On : 17 Jul 2023 11:08
 Operator : JC\MD
 Sample : VN0717MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBL01

Quant Time: Jul 18 04:19:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	411336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	735700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	681994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	244772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	272957	49.499	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.000%
35) Dibromofluoromethane	8.177	113	278635	55.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.580%
50) Toluene-d8	10.576	98	854973	45.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.640%
62) 4-Bromofluorobenzene	12.859	95	299603	51.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.120%

Target Compounds			Qvalue			
3) Chloromethane	2.377	50	1745	0.318 ug/l	#	88
5) Bromomethane	2.977	94	3295	Below Cal		95
6) Chloroethane	3.095	64	1610	Below Cal	#	78
10) Methyl Iodide	4.594	142	1607	0.261 ug/l	#	81
11) Tert butyl alcohol	5.530	59	1084	1.275 ug/l	#	72
13) Acrolein	4.206	56	877	1.048 ug/l		92
15) Acrylonitrile	5.759	53	2972	1.383 ug/l	#	64
16) Acetone	4.459	43	2472	1.439 ug/l	#	40
17) Carbon Disulfide	4.718	76	6749	0.538 ug/l		97
20) Methylene Chloride	5.271	84	1445	Below Cal	#	76
23) Vinyl Acetate	6.630	43	1920	0.227 ug/l	#	62
25) 2-Butanone	7.506	43	1332	0.493 ug/l	#	85
29) Tetrahydrofuran	7.865	42	976	0.550 ug/l	#	86
31) Cyclohexane	8.235	56	9361	1.256 ug/l	#	15
38) Carbon Tetrachloride	8.235	117	43924	5.604 ug/l	#	15
42) 1,2-Dichloroethane	8.677	62	1608	0.221 ug/l		82
43) Isopropyl Acetate	8.735	43	5358	0.541 ug/l	#	49
49) 1,4-Dioxane	9.700	88	146	1.460 ug/l	#	17
51) 4-Methyl-2-Pentanone	10.447	43	4110	0.698 ug/l	#	73
59) 2-Hexanone	11.206	43	5982	1.430 ug/l		77
65) Chlorobenzene	11.900	112	3551	0.233 ug/l	#	86
68) m/p-Xylenes	12.076	106	2675	0.281 ug/l		76
74) N-amyl acetate	12.500	43	2711	0.342 ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	1856	Below Cal	#	90
76) 1,2,3-Trichloropropane	12.853	75	159589	26.974 ug/l	#	1
77) Bromobenzene	12.982	156	1682	Below Cal		97
78) n-propylbenzene	13.047	91	4990	0.203 ug/l		93
81) trans-1,4-Dichloro-2-b...	12.853	75	159589	70.882 ug/l	#	15
82) 4-Chlorotoluene	13.223	91	4329	0.288 ug/l		92
84) 1,2,4-Trimethylbenzene	13.488	105	4013	0.227 ug/l		95
85) sec-Butylbenzene	13.623	105	5430	0.278 ug/l		100
86) p-Isopropyltoluene	13.735	119	5125	0.327 ug/l		91
87) 1,3-Dichlorobenzene	13.741	146	2997	0.339 ug/l	#	69
88) 1,4-Dichlorobenzene	13.823	146	5177	0.582 ug/l	#	25
89) n-Butylbenzene	14.064	91	7401	0.661 ug/l		91
90) Hexachloroethane	14.347	117	674	Below Cal		81

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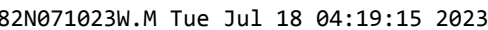
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

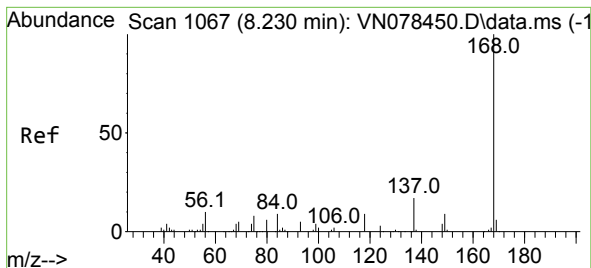
Quant Time: Jul 18 04:19:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.112	146	3932	0.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	706	Below Cal	#	59
93) 1,2,4-Trichlorobenzene	15.400	180	3218	1.147	ug/l	88
94) Hexachlorobutadiene	15.500	225	3791	Below Cal		85
95) Naphthalene	15.647	128	13138	1.370	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	4412	1.368	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078534.D

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Instrument :

MSVOA_N

ClientSampleId :

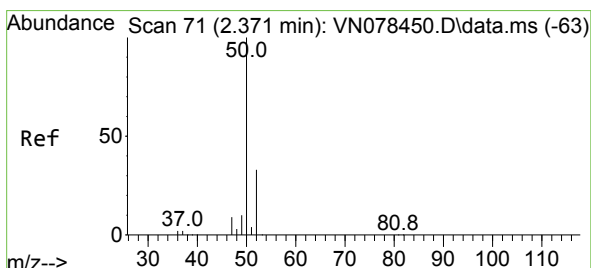
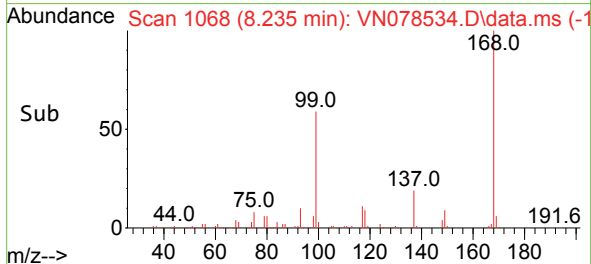
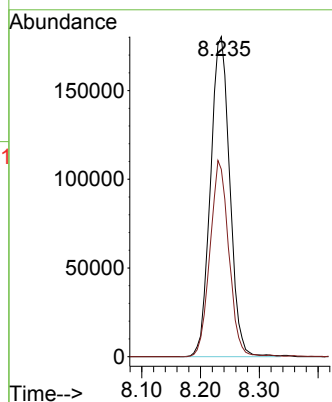
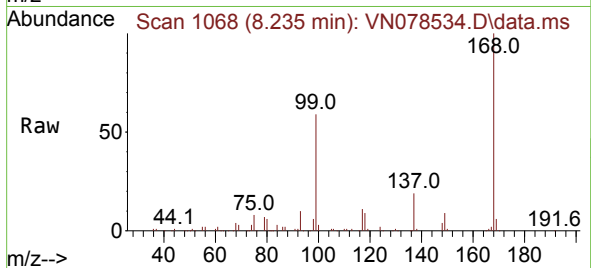
VN0717MBL01

Tgt Ion:168 Resp: 411336

Ion Ratio Lower Upper

168 100

99 58.5 53.0 79.6



#3

Chloromethane

Concen: 0.318 ug/l

RT: 2.377 min Scan# 72

Delta R.T. 0.006 min

Lab File: VN078534.D

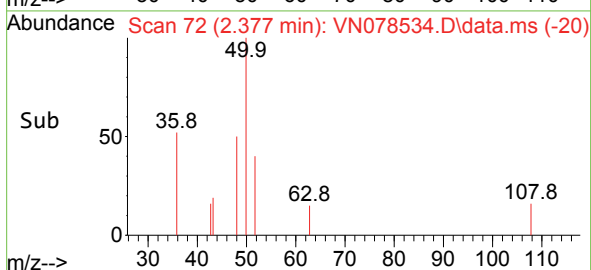
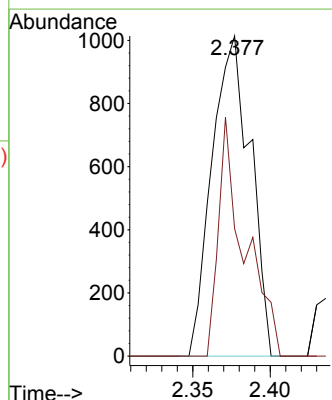
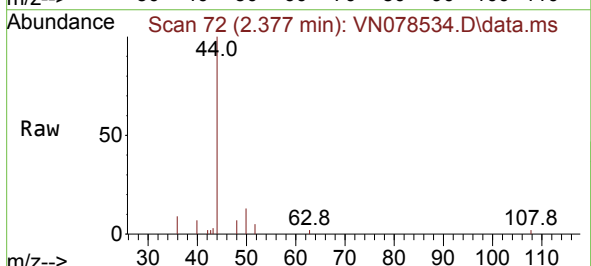
Acq: 17 Jul 2023 11:08

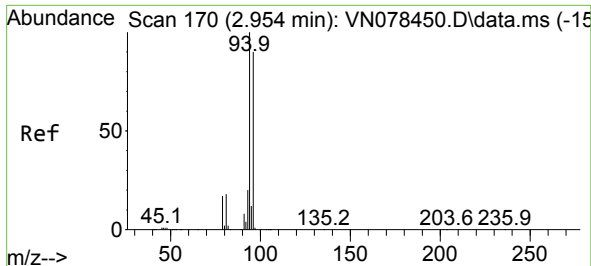
Tgt Ion: 50 Resp: 1745

Ion Ratio Lower Upper

50 100

52 39.8 26.5 39.7#

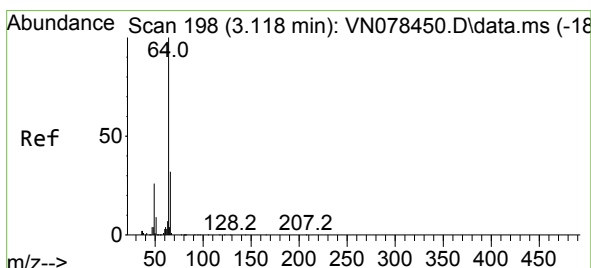
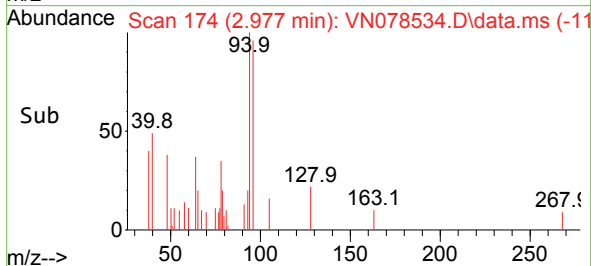
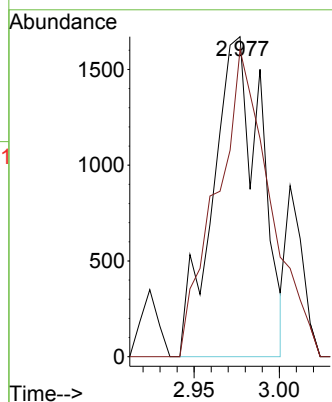
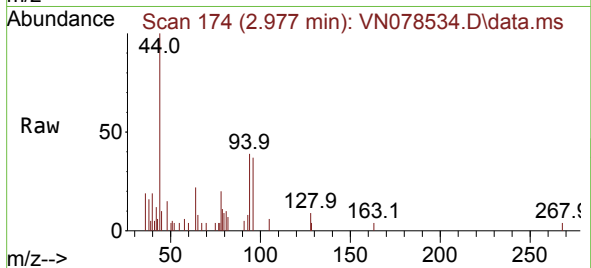




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

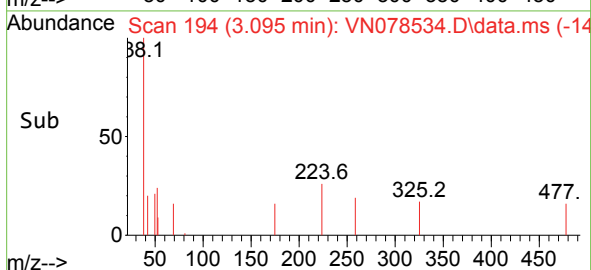
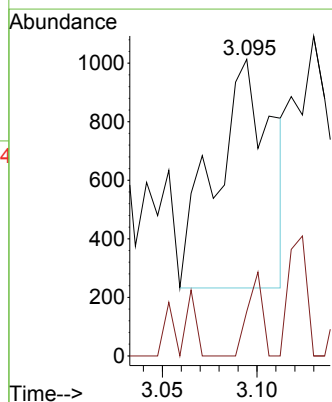
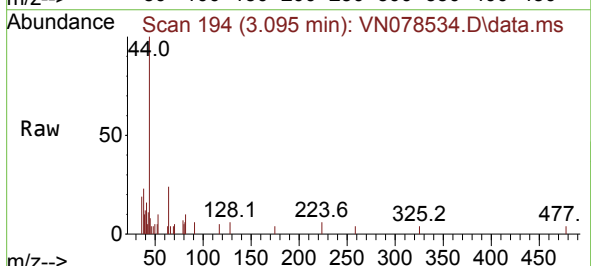
Instrument :
MSVOA_N
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VN0717MBL01

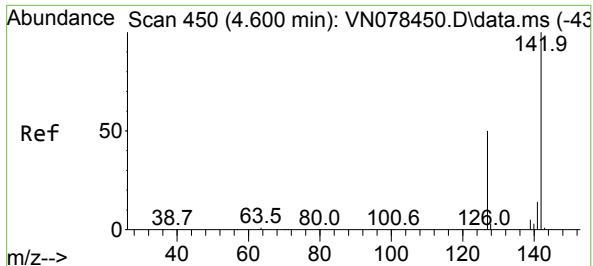
Tgt Ion: 94 Resp: 3295
Ion Ratio Lower Upper
94 100
96 95.9 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

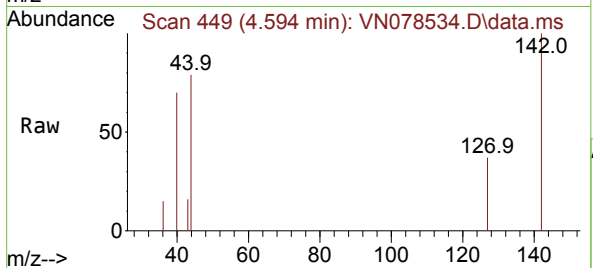
Tgt Ion: 64 Resp: 1610
Ion Ratio Lower Upper
64 100
66 19.5 25.4 38.2#



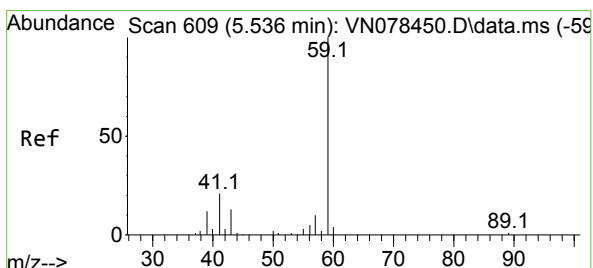
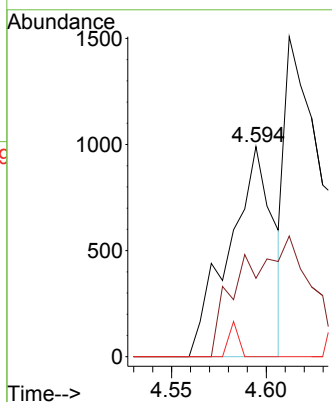
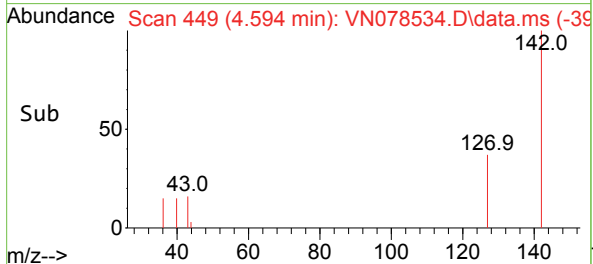


#10
Methyl Iodide
Concen: 0.261 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

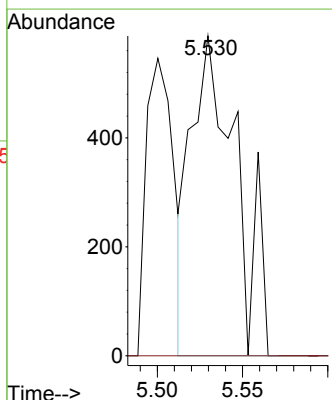
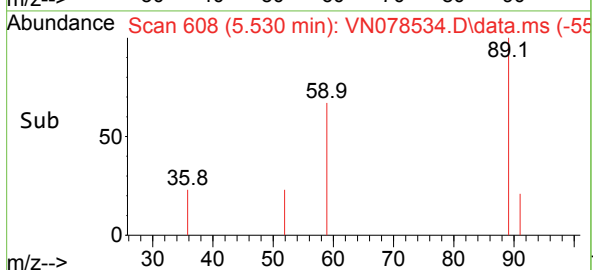
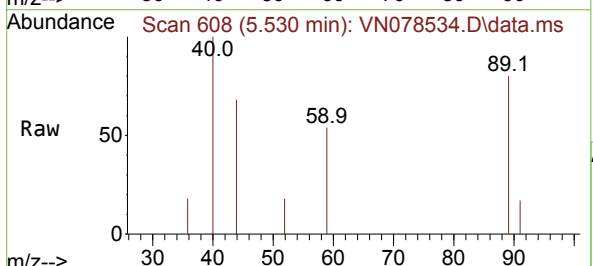


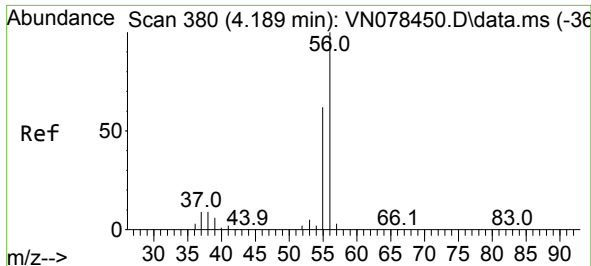
Tgt Ion:142 Resp: 1607
Ion Ratio Lower Upper
142 100
127 37.4 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.275 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 59 Resp: 1084
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

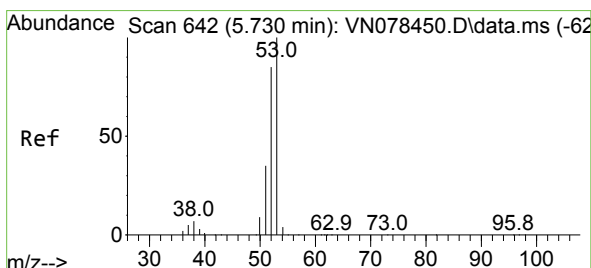
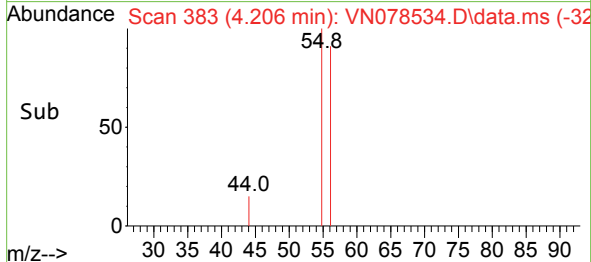
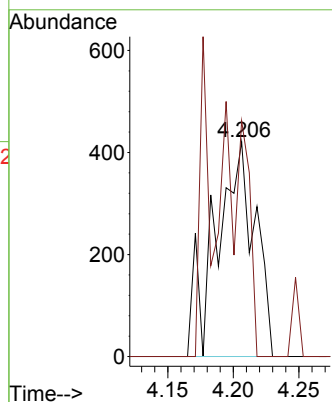
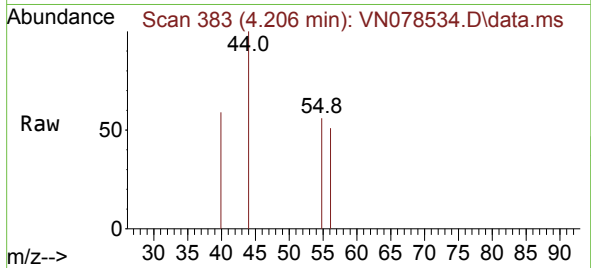




#13
Acrolein
Concen: 1.048 ug/l
RT: 4.206 min Scan# 380
Delta R.T. 0.017 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

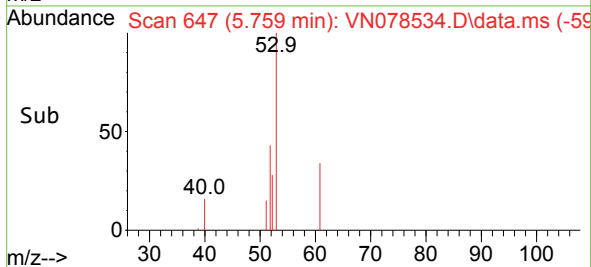
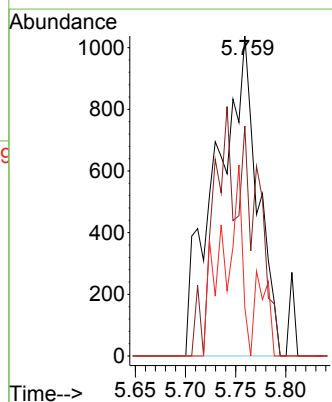
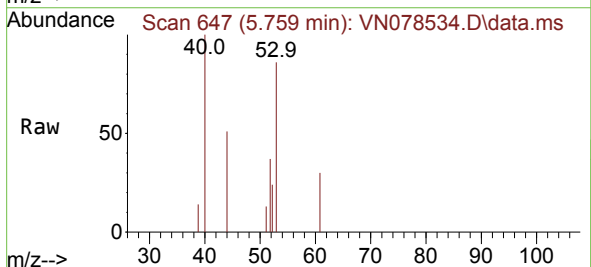
Instrument :
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ClientSampleId :
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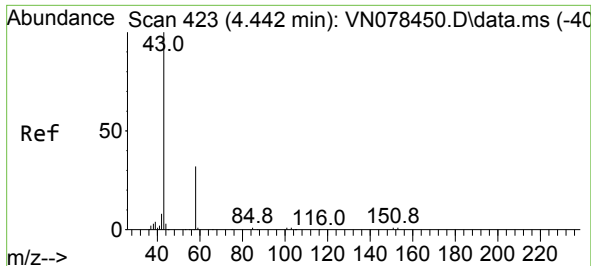
Tgt Ion: 56 Resp: 877
Ion Ratio Lower Upper
56 100
55 61.2 54.5 81.7



#15
Acrylonitrile
Concen: 1.383 ug/l
RT: 5.759 min Scan# 647
Delta R.T. 0.029 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 53 Resp: 2972
Ion Ratio Lower Upper
53 100
52 41.4 65.3 97.9#
51 27.8 28.9 43.3#

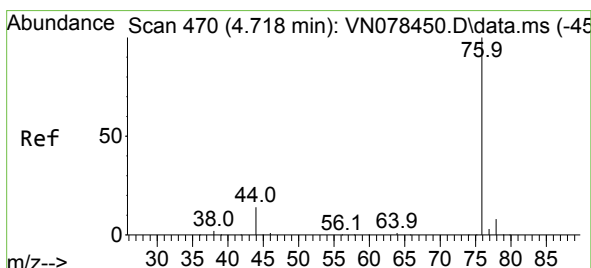
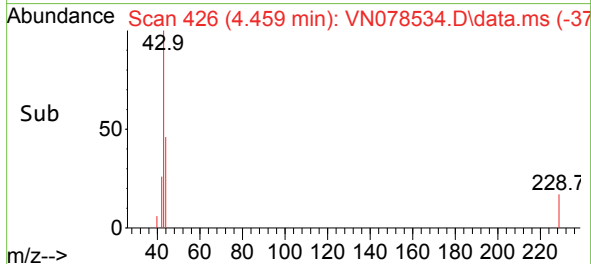
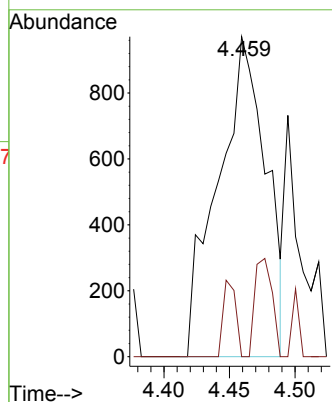
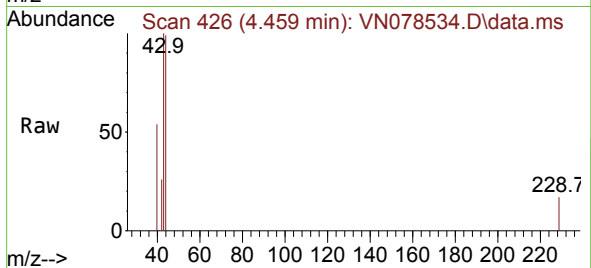




#16
Acetone
Concen: 1.439 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

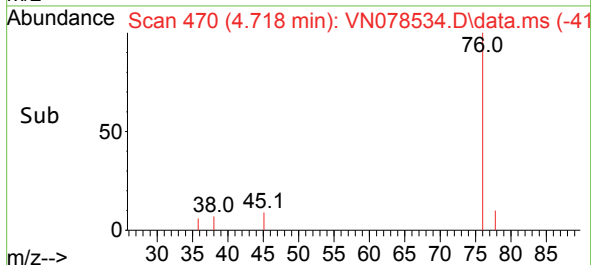
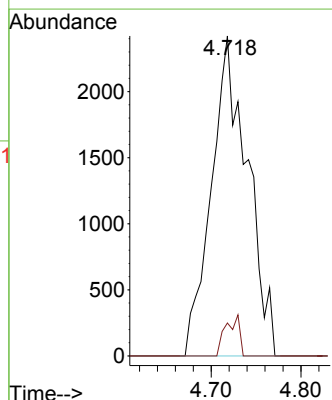
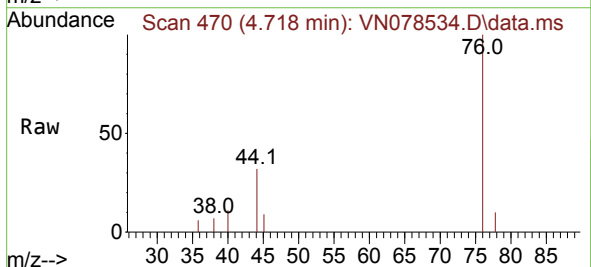
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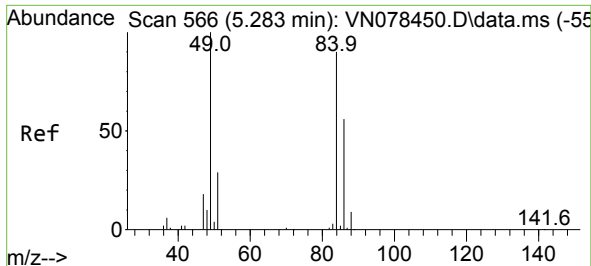
Tgt Ion: 43 Resp: 2472
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.538 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

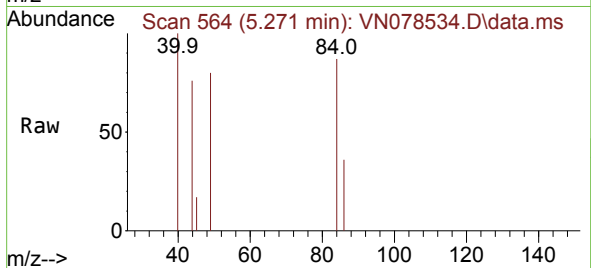
Tgt Ion: 76 Resp: 6749
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



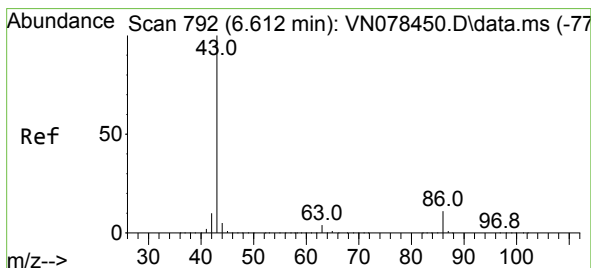
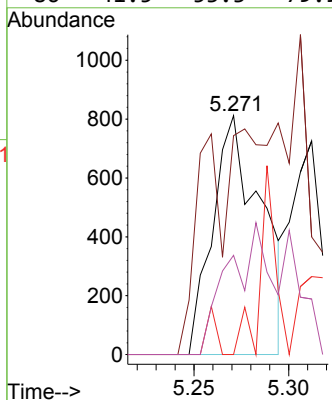
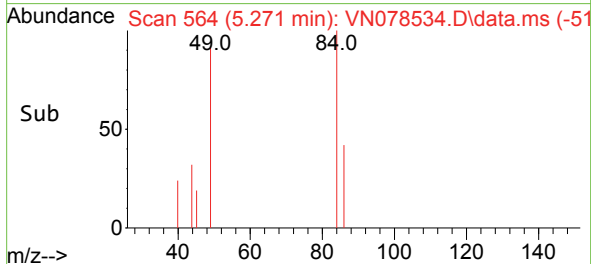


#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

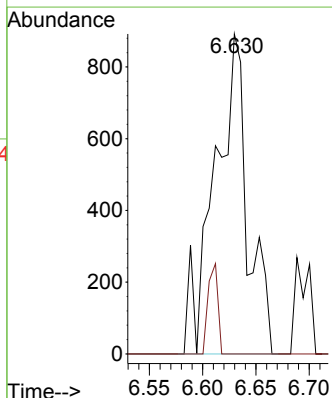
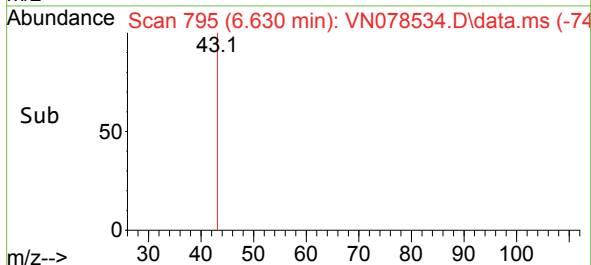
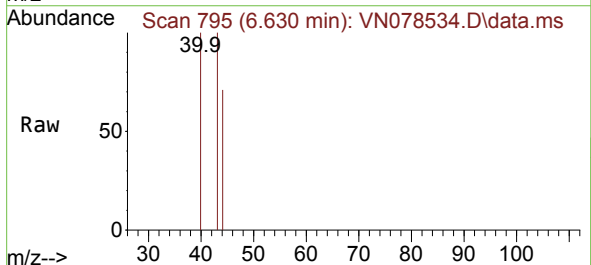


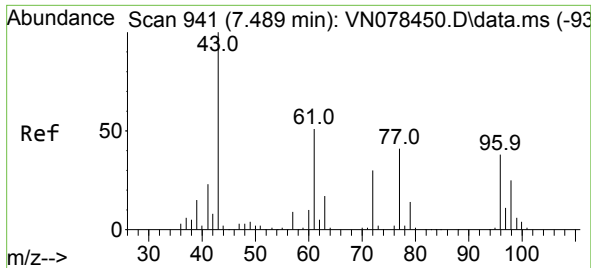
Tgt Ion: 84 Resp: 1445
Ion Ratio Lower Upper
84 100
49 91.6 79.7 119.5
51 0.0 25.2 37.8#
86 41.5 53.3 79.9#



#23
Vinyl Acetate
Concen: 0.227 ug/l
RT: 6.630 min Scan# 795
Delta R.T. 0.018 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
86 0.0 13.0 19.6#

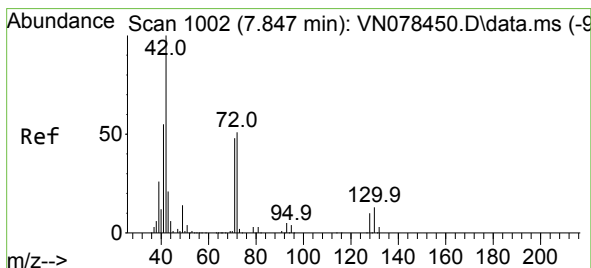
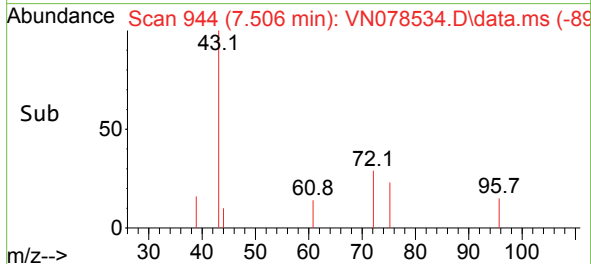
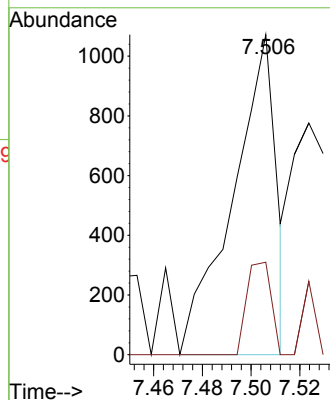
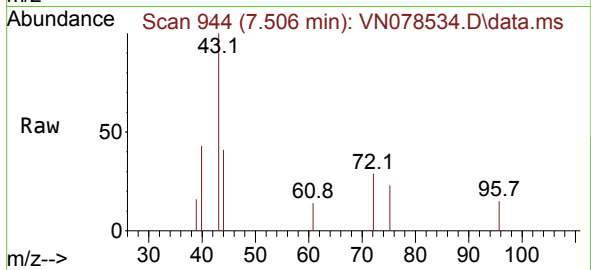




#25
2-Butanone
Concen: 0.493 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.017 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

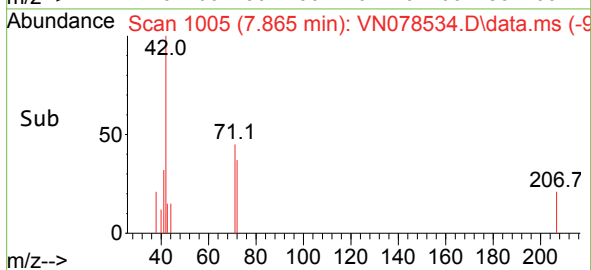
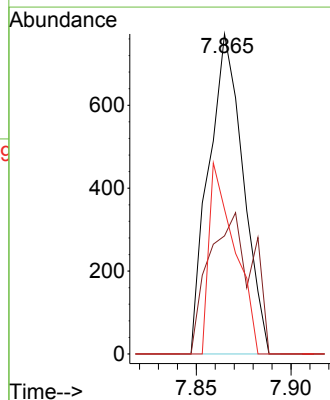
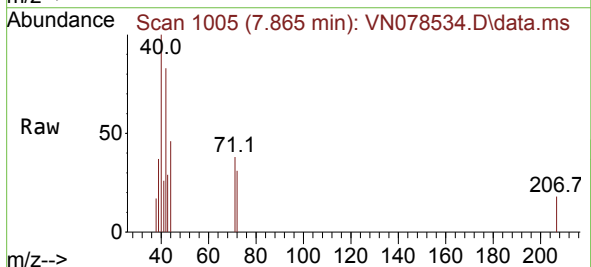
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

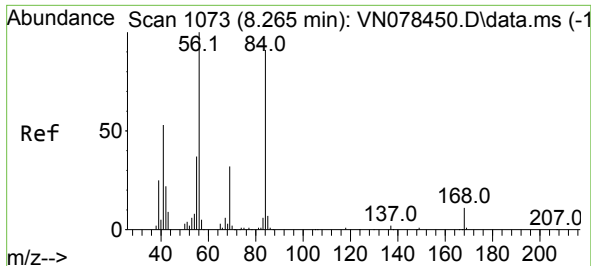
Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
72 28.9 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.550 ug/l
RT: 7.865 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

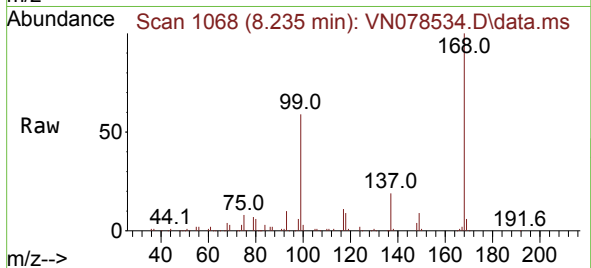
Tgt Ion: 42 Resp: 976
Ion Ratio Lower Upper
42 100
72 55.0 49.8 74.6
71 44.7 47.4 71.2#



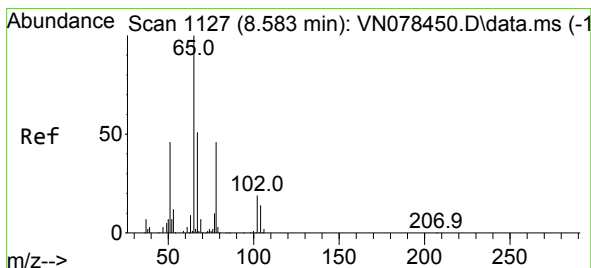
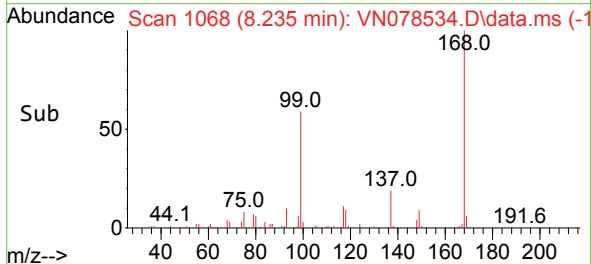
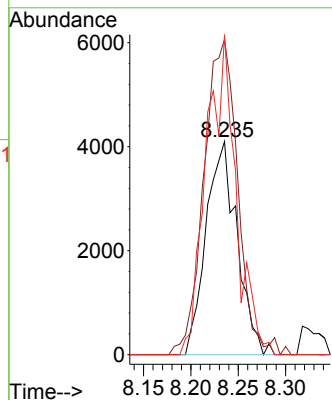


#31
Cyclohexane
Concen: 1.256 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

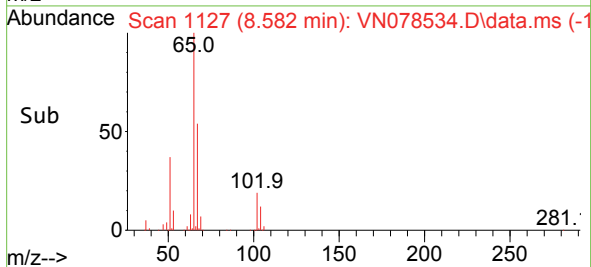
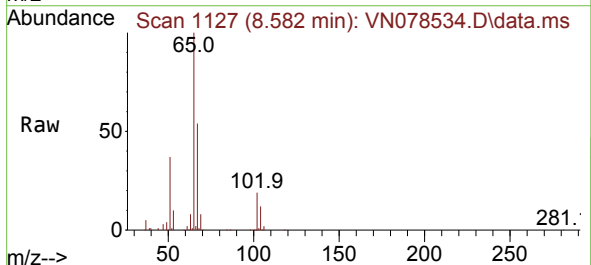
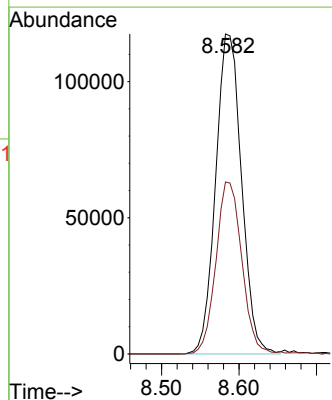


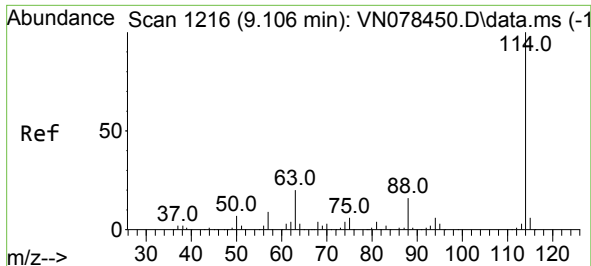
Tgt Ion: 56 Resp: 9361
Ion Ratio Lower Upper
56 100
69 148.0 26.8 40.2#
84 150.1 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 49.499 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 65 Resp: 272957
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078534.D

Acq: 17 Jul 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBL01

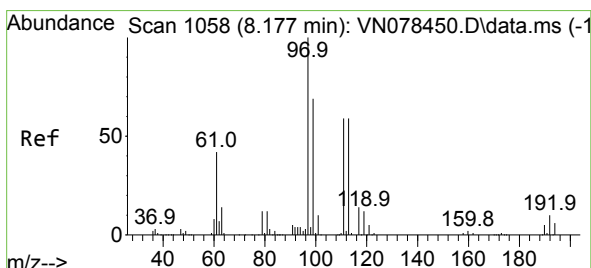
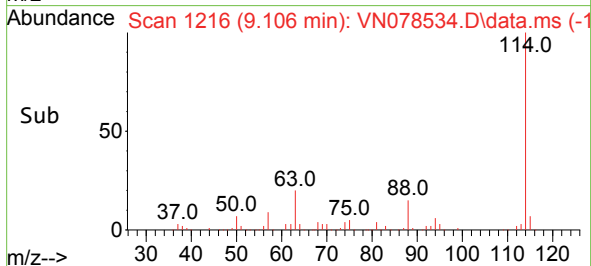
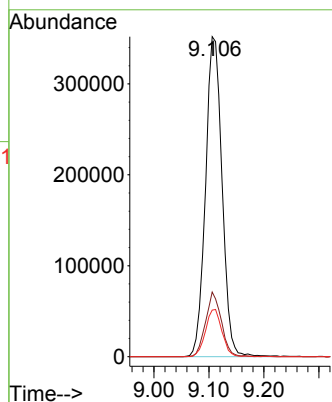
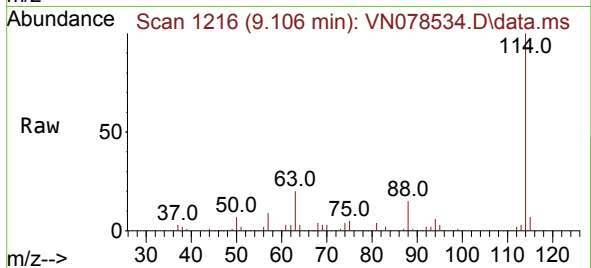
Tgt Ion:114 Resp: 735700

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.792 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078534.D

Acq: 17 Jul 2023 11:08

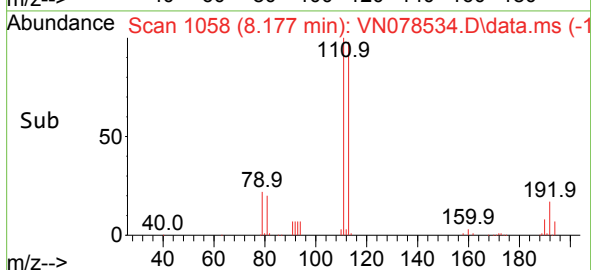
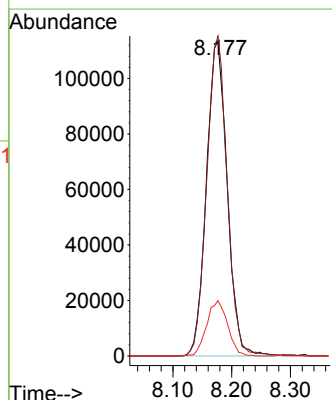
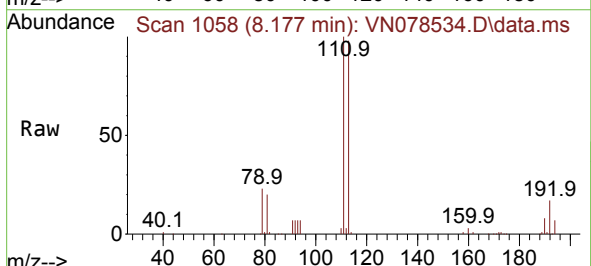
Tgt Ion:113 Resp: 278635

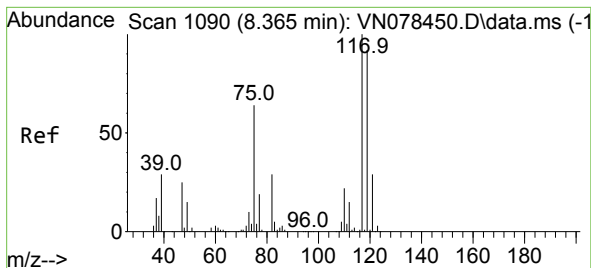
Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

192 17.7 12.7 19.1





#38

Carbon Tetrachloride

Concen: 5.604 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.130 min

Lab File: VN078534.D

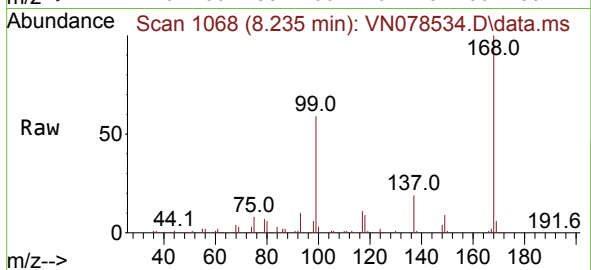
Acq: 17 Jul 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBL01



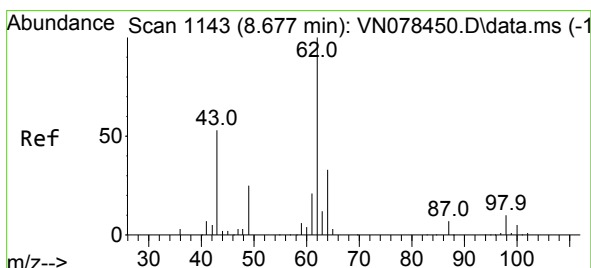
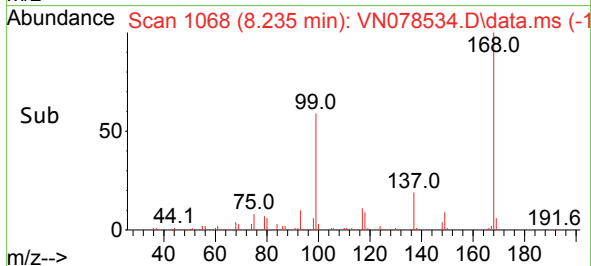
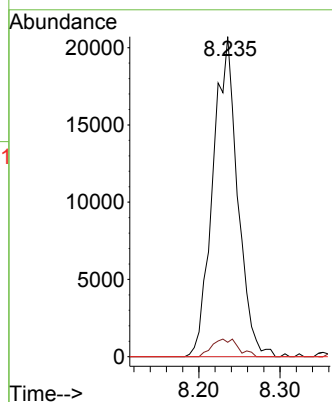
Tgt Ion:117 Resp: 43924

Ion Ratio Lower Upper

117 100

119 4.5 77.3 115.9#

121 0.0 23.3 34.9#



#42

1,2-Dichloroethane

Concen: 0.221 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN078534.D

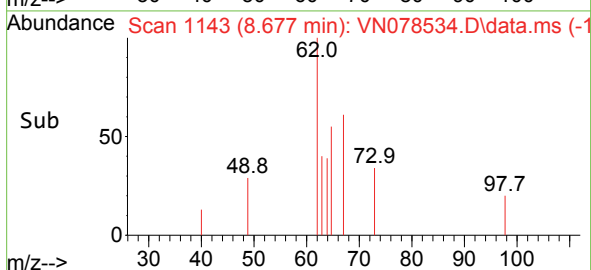
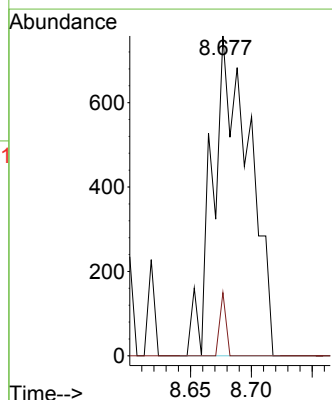
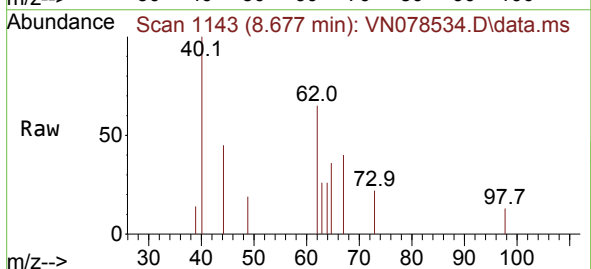
Acq: 17 Jul 2023 11:08

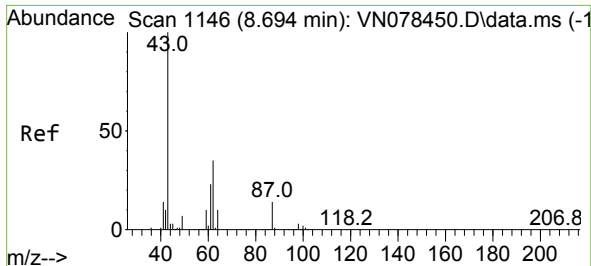
Tgt Ion: 62 Resp: 1608

Ion Ratio Lower Upper

62 100

98 3.3 0.0 19.8

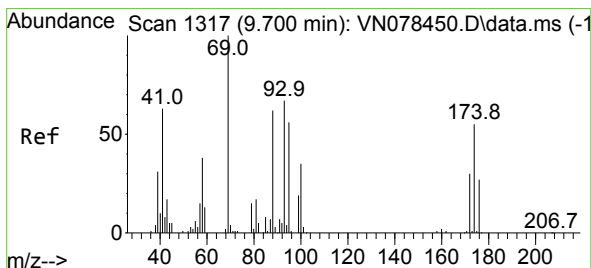
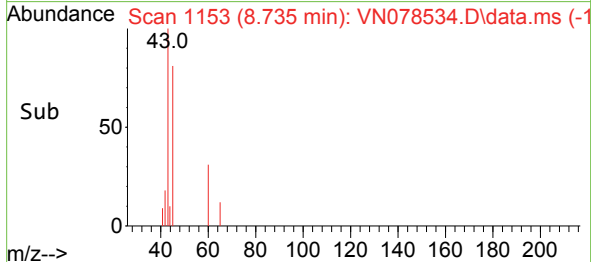
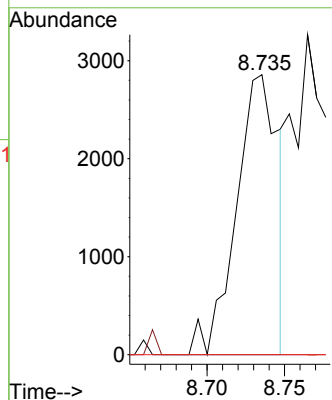
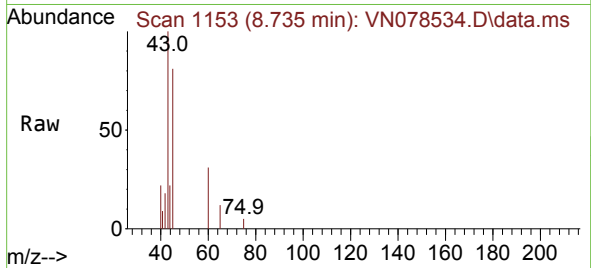




#43
Isopropyl Acetate
Concen: 0.541 ug/l
RT: 8.735 min Scan# 1153
Delta R.T. 0.041 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

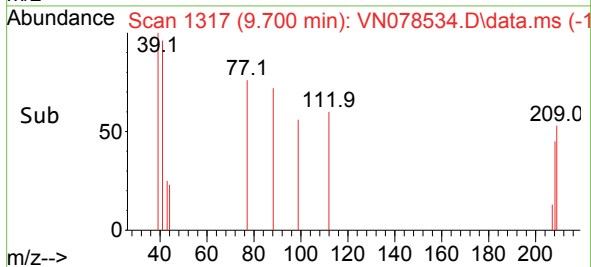
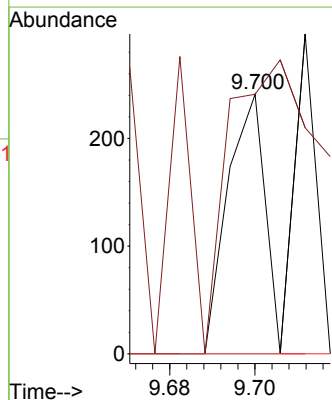
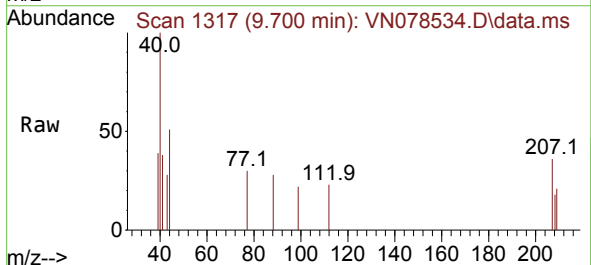
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

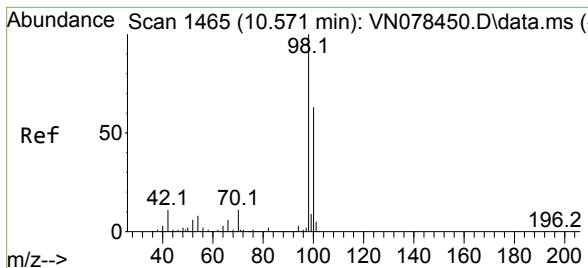
Tgt Ion: 43 Resp: 5358
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 1.460 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 88 Resp: 146
Ion Ratio Lower Upper
88 100
43 66.4 17.0 25.6#
58 0.0 47.0 70.4#

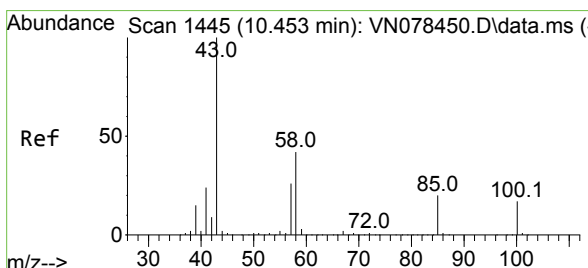
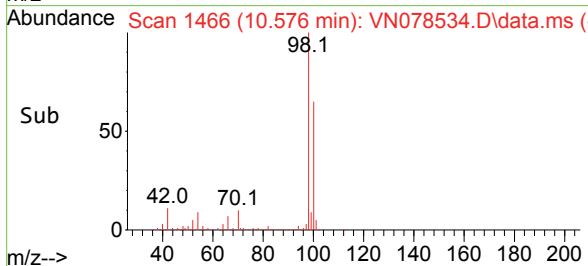
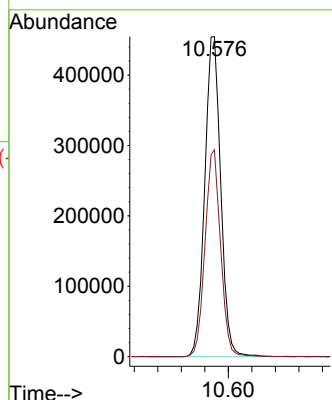
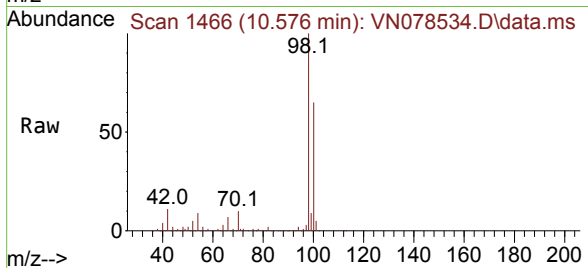




#50
Toluene-d8
Concen: 45.317 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

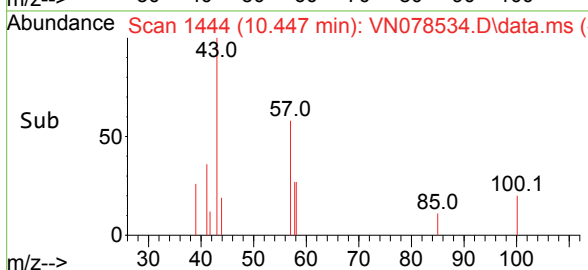
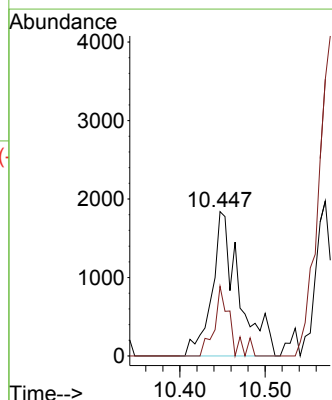
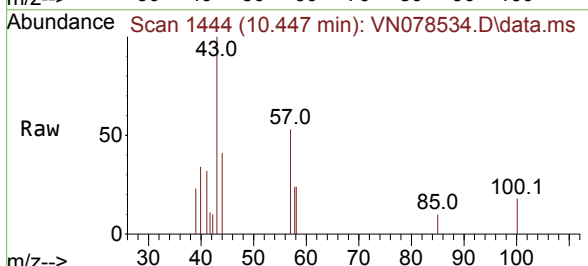
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

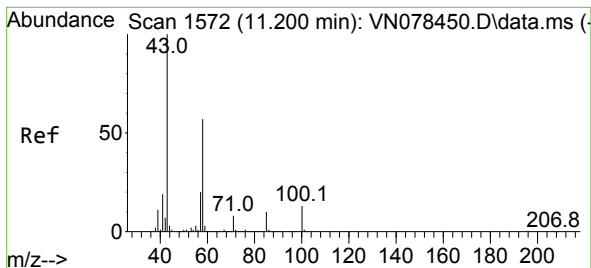
Tgt Ion: 98 Resp: 854973
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.698 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 43 Resp: 4110
Ion Ratio Lower Upper
43 100
58 28.1 36.6 54.8#

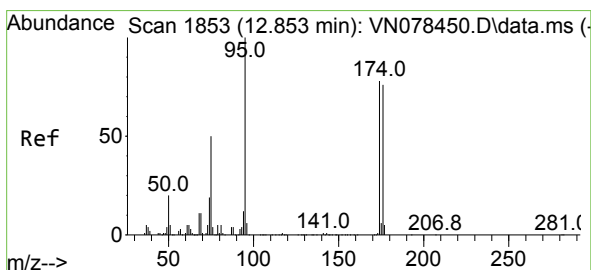
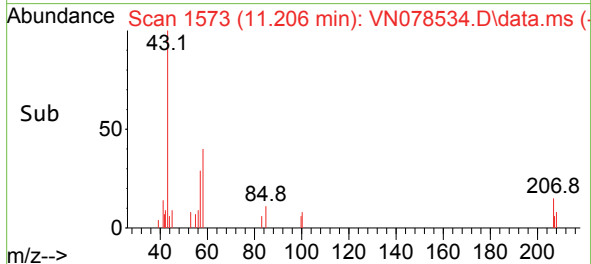
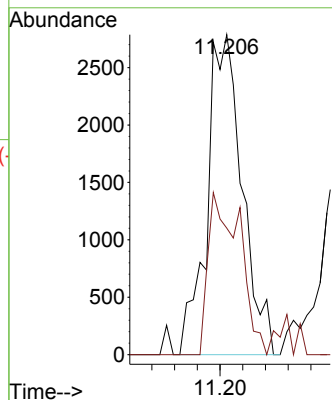
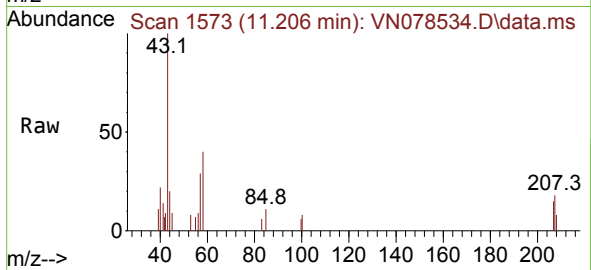




#59
2-Hexanone
Concen: 1.430 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

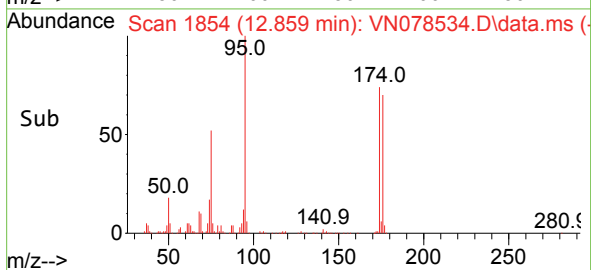
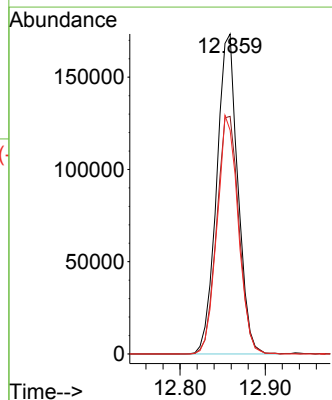
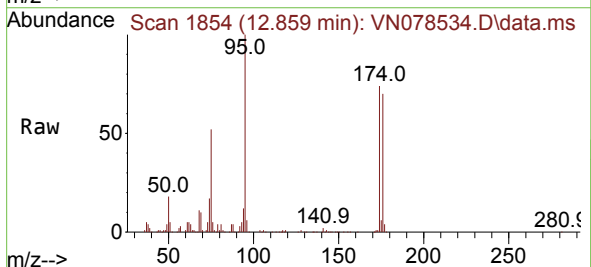
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

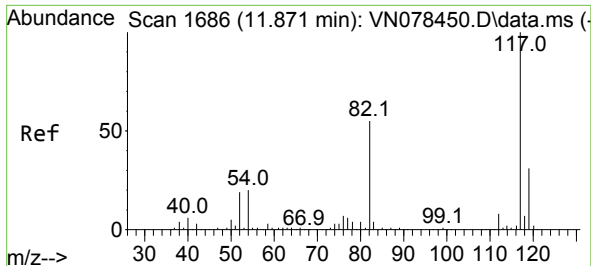
Tgt Ion: 43 Resp: 5982
Ion Ratio Lower Upper
43 100
58 45.8 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 51.556 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 95 Resp: 299603
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 74.4 0.0 135.8

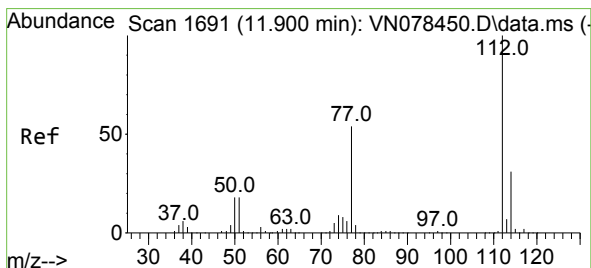
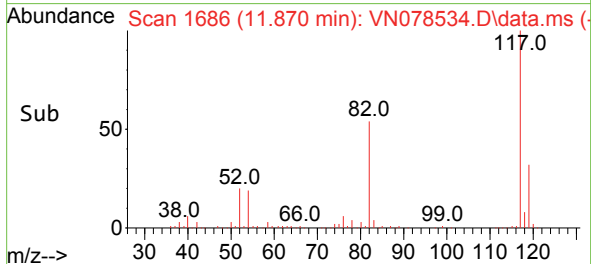
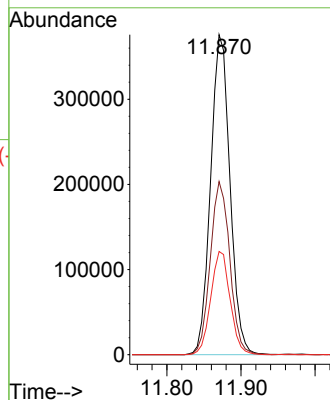
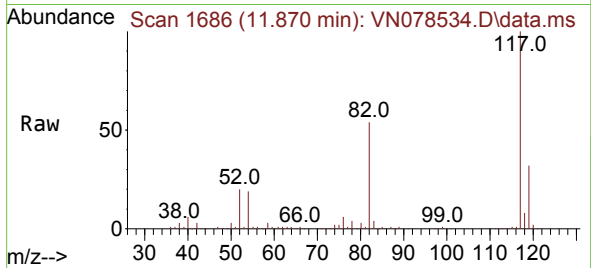




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

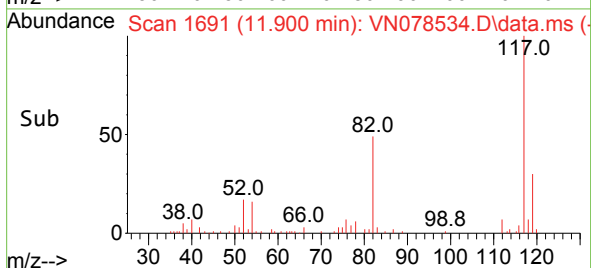
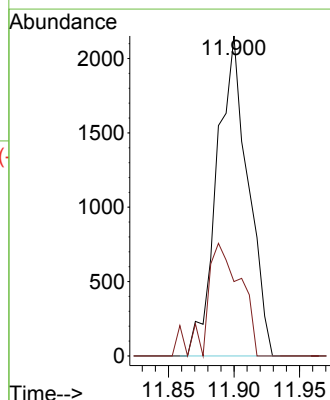
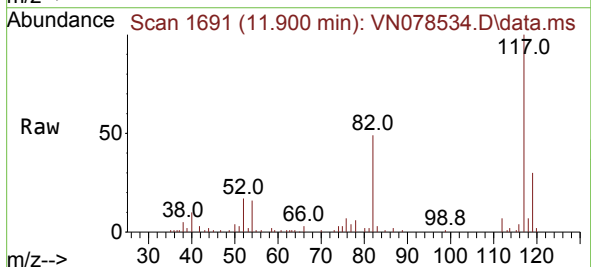
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

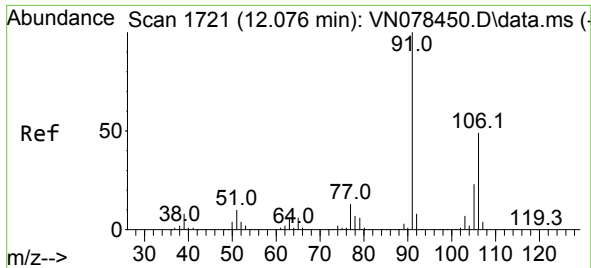
Tgt Ion:117 Resp: 681994
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.3 25.6 38.4



#65
Chlorobenzene
Concen: 0.233 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion:112 Resp: 3551
Ion Ratio Lower Upper
112 100
114 23.2 25.0 37.4#

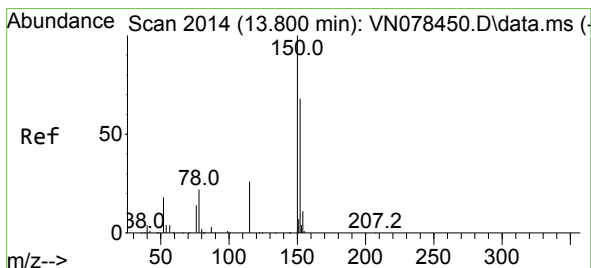
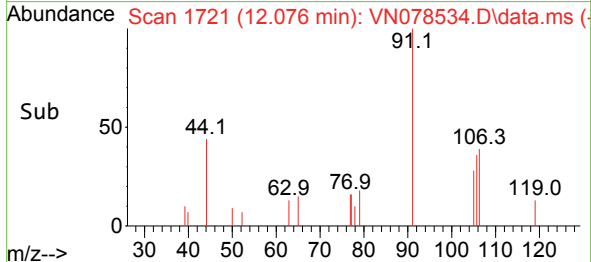
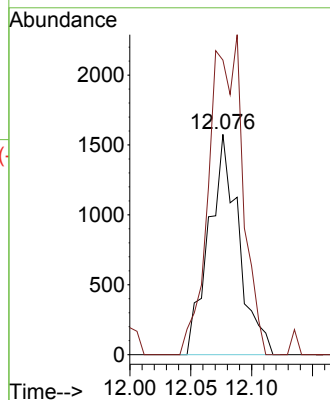
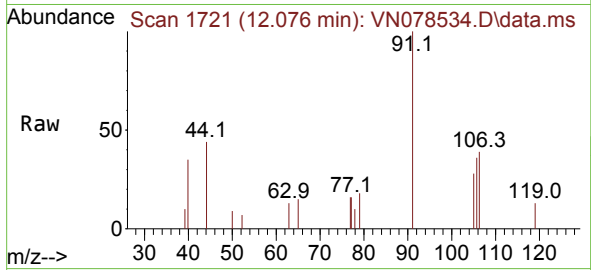




#68
m/p-Xylenes
Concen: 0.281 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

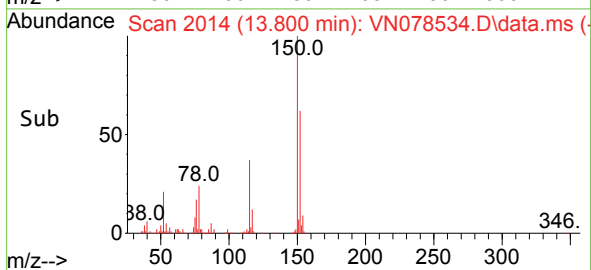
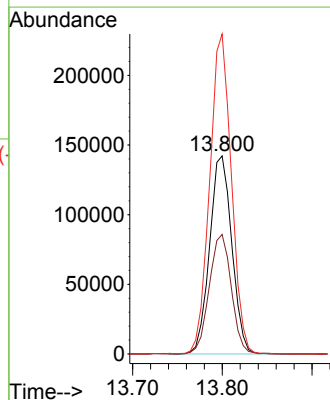
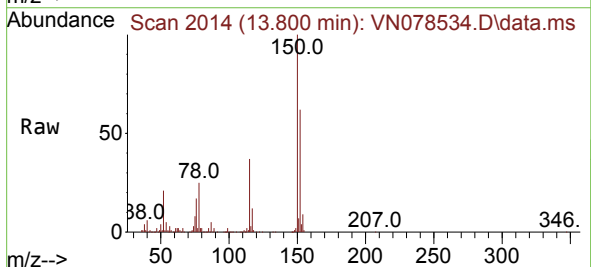
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

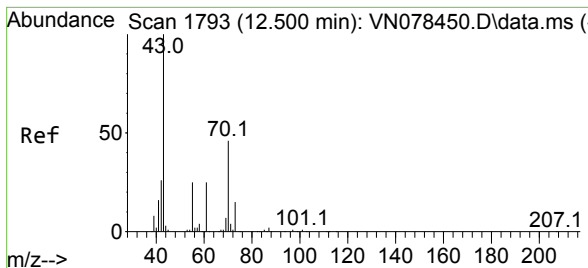
Tgt Ion:106 Resp: 2675
Ion Ratio Lower Upper
106 100
91 163.6 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion:152 Resp: 244772
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 157.4 0.0 355.8





#74

N-amy1 acetate

Concen: 0.342 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN078534.D

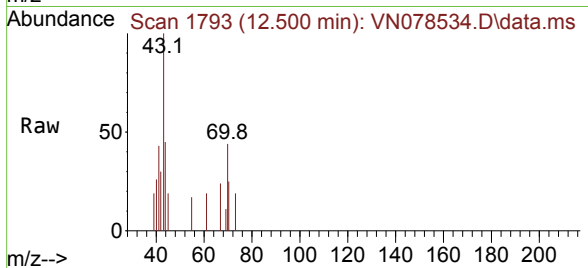
Acq: 17 Jul 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBL01



Tgt Ion: 43 Resp: 2711

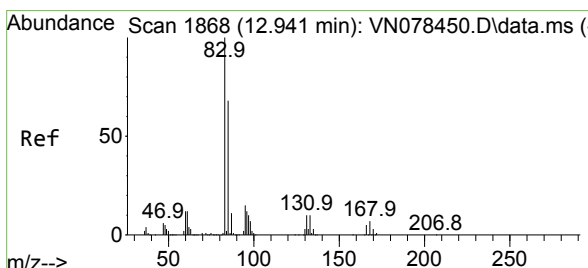
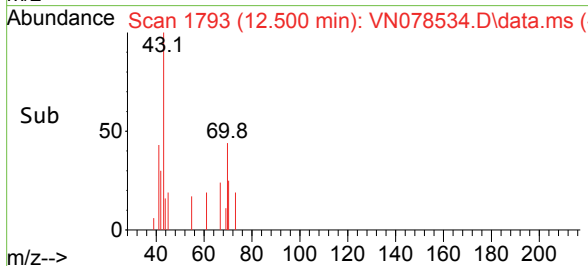
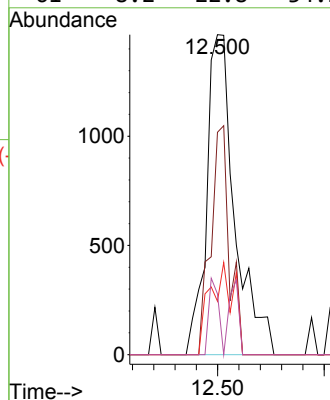
Ion Ratio Lower Upper

43 100

70 47.0 43.4 65.2

55 23.8 21.4 32.0

61 8.2 22.8 34.2#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078534.D

Acq: 17 Jul 2023 11:08

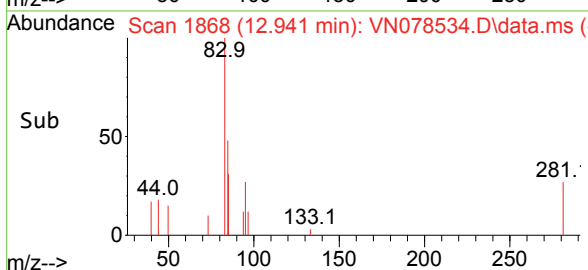
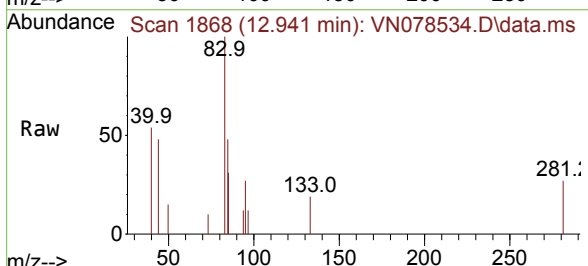
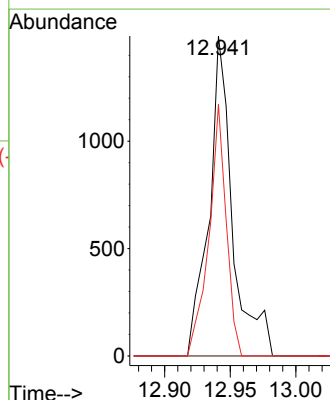
Tgt Ion: 83 Resp: 1856

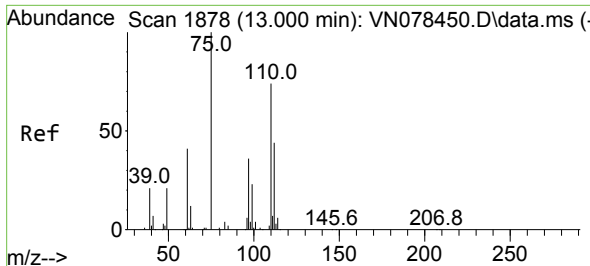
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 58.0 31.9 95.7

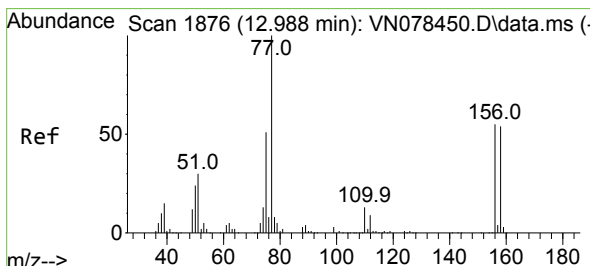
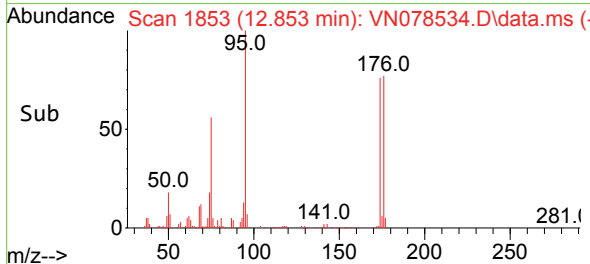
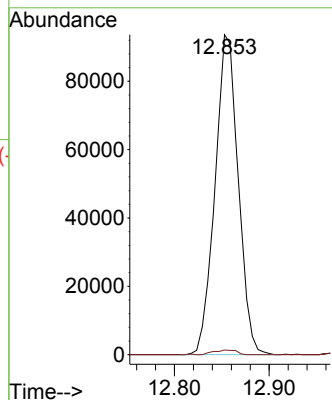
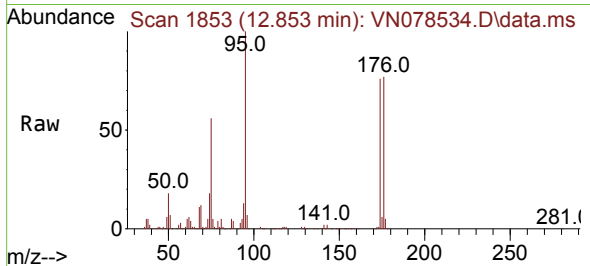




#76
1,2,3-Trichloropropane
Concen: 26.974 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

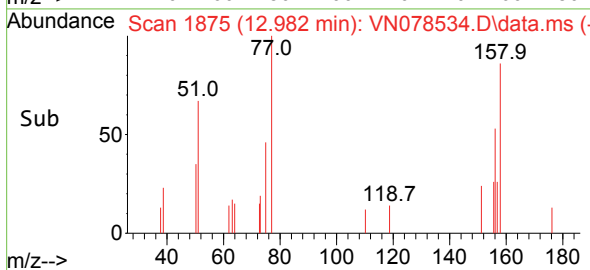
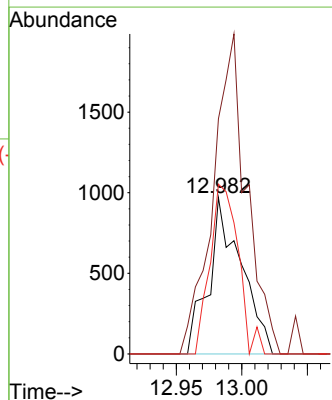
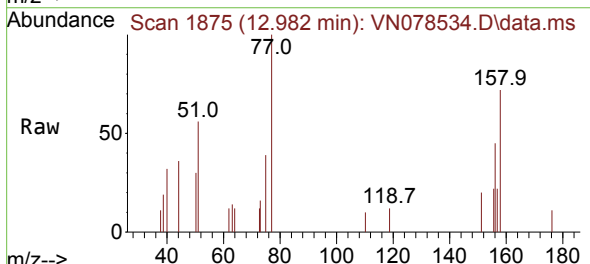
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

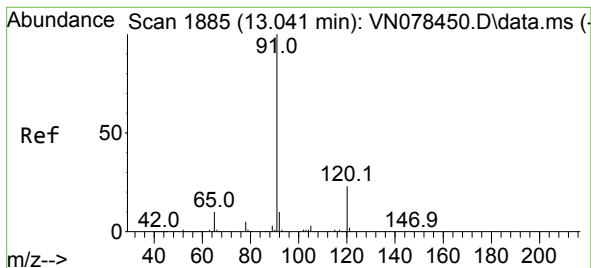
Tgt Ion: 75 Resp: 159589
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#77
Bromobenzene
Concen: Below Cal
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion:156 Resp: 1682
Ion Ratio Lower Upper
156 100
77 210.1 107.7 323.3
158 93.9 48.4 145.3





#78

n-propylbenzene

Concen: 0.203 ug/l

RT: 13.047 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078534.D

Acq: 17 Jul 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

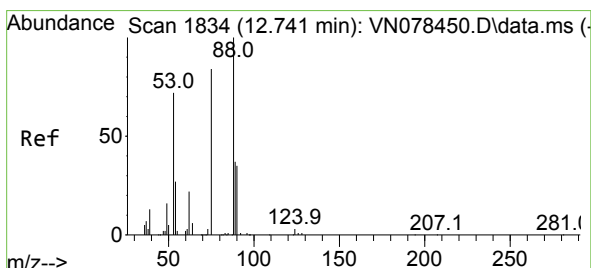
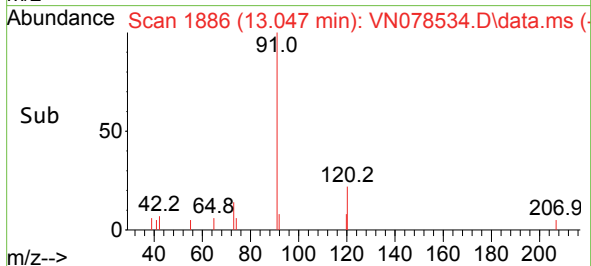
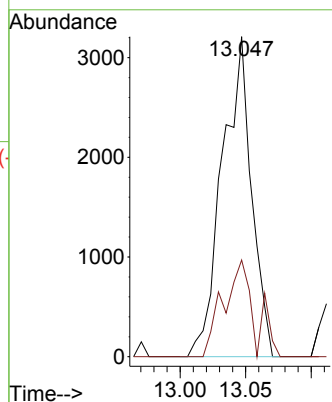
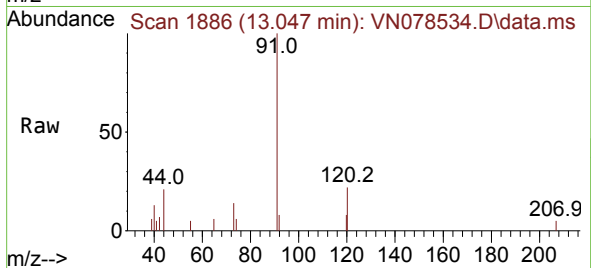
VN0717MBL01

Tgt Ion: 91 Resp: 4990

Ion Ratio Lower Upper

91 100

120 26.3 11.5 34.4



#81

trans-1,4-Dichloro-2-butene

Concen: 70.882 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN078534.D

Acq: 17 Jul 2023 11:08

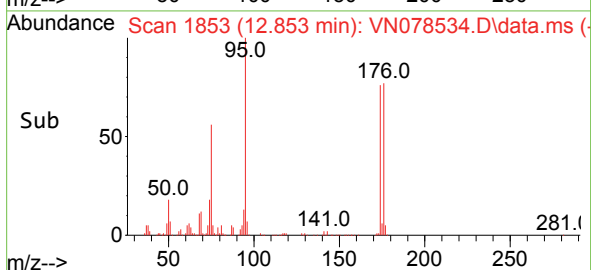
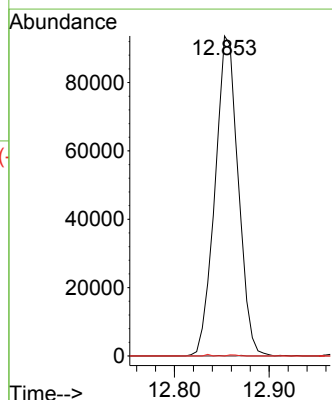
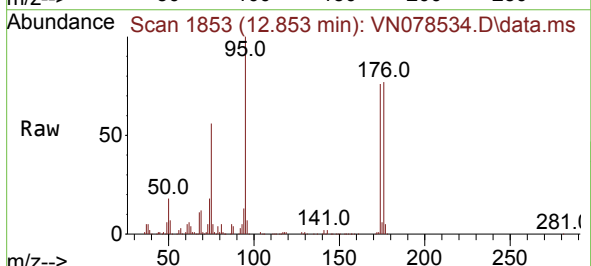
Tgt Ion: 75 Resp: 159589

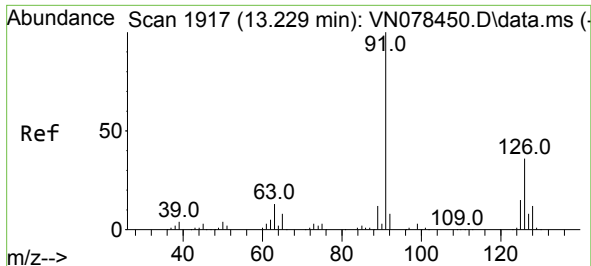
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.1 38.8 58.2#

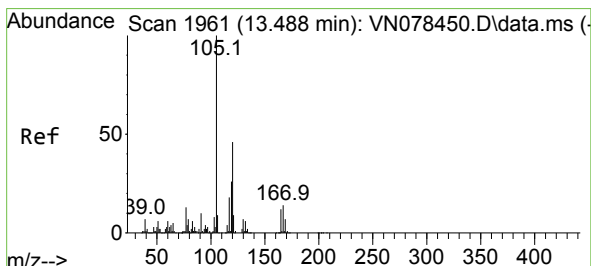
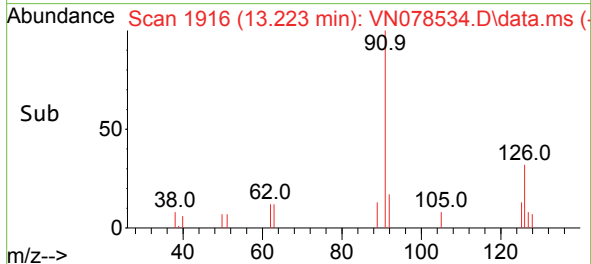
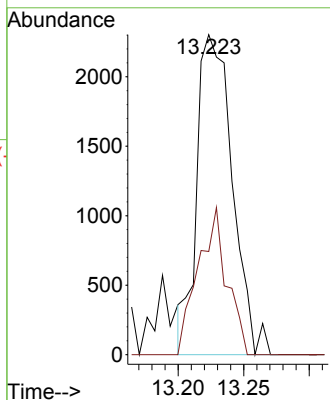
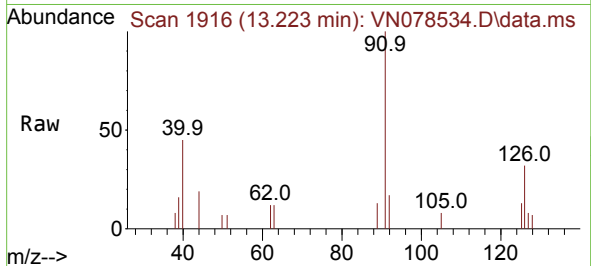




#82
4-Chlorotoluene
Concen: 0.288 ug/l
RT: 13.223 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

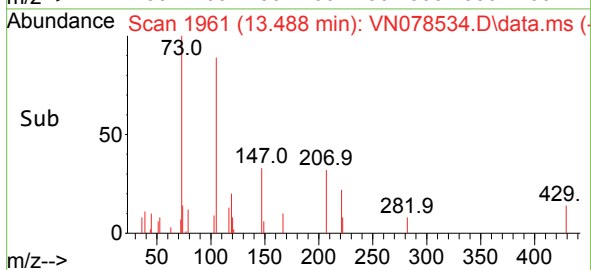
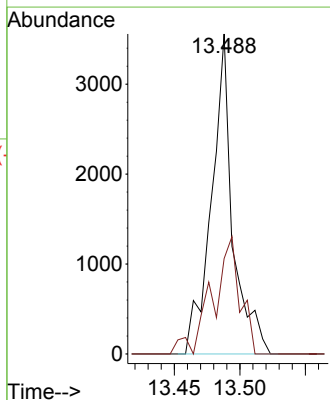
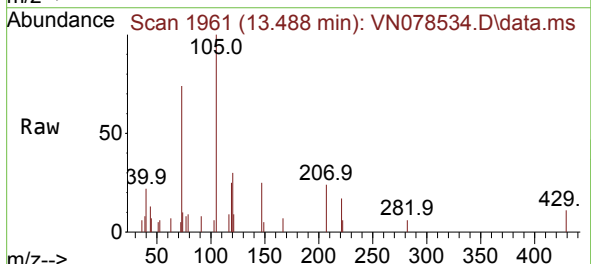
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

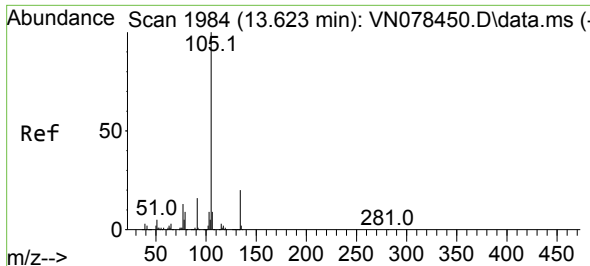
Tgt Ion: 91 Resp: 4329
Ion Ratio Lower Upper
91 100
126 37.6 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.227 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 105 Resp: 4013
Ion Ratio Lower Upper
105 100
120 47.4 22.0 66.0

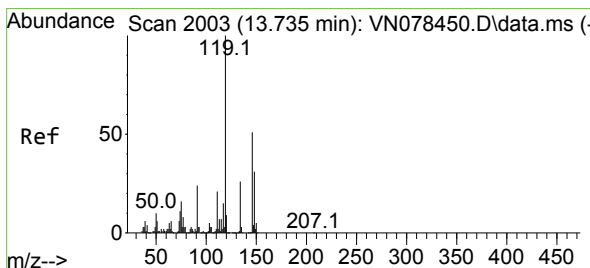
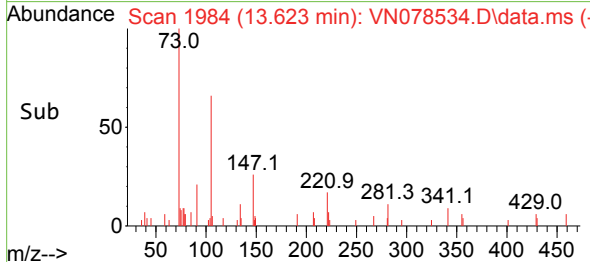
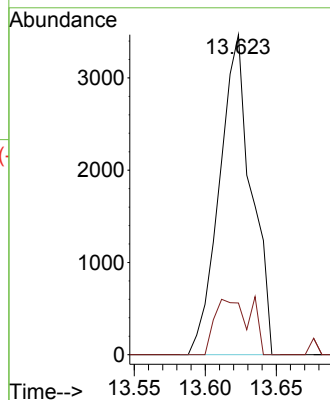
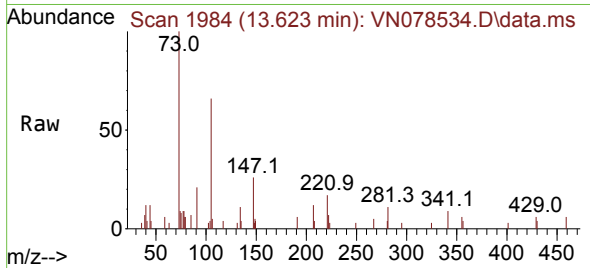




#85
 sec-Butylbenzene
 Concen: 0.278 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078534.D
 Acq: 17 Jul 2023 11:08

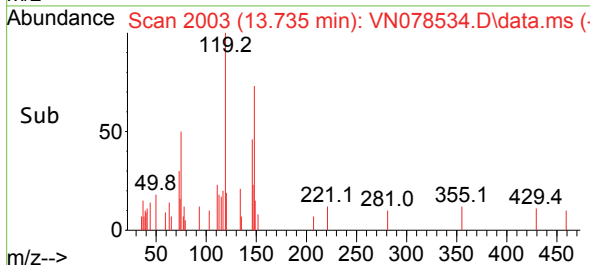
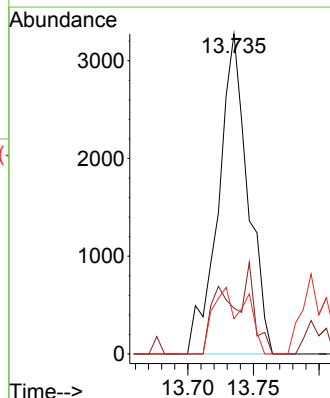
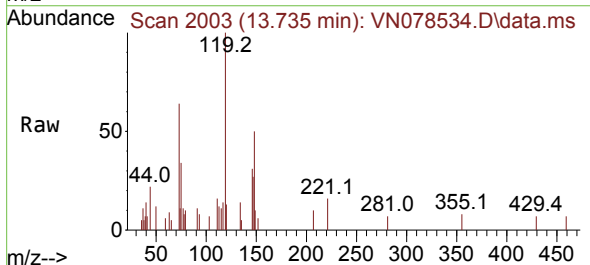
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBL01

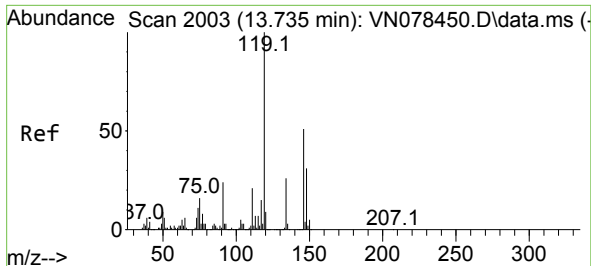
Tgt Ion:105 Resp: 5430
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.327 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078534.D
 Acq: 17 Jul 2023 11:08

Tgt Ion:119 Resp: 5125
 Ion Ratio Lower Upper
 119 100
 134 18.1 12.6 37.8
 91 23.0 12.4 37.2

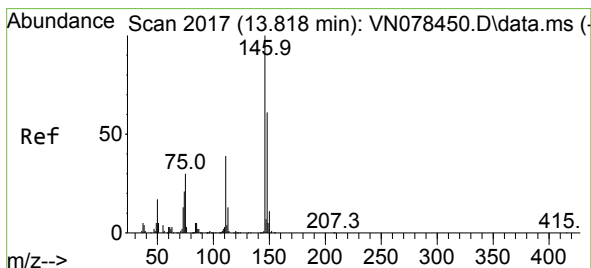
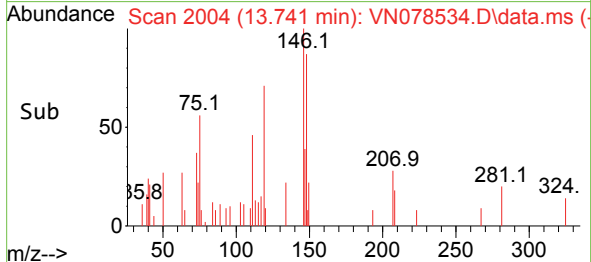
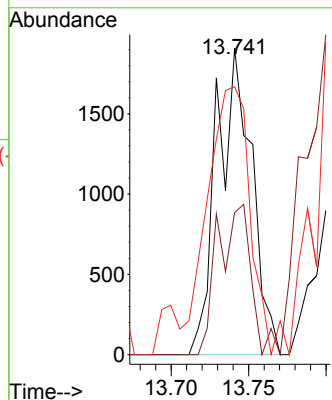
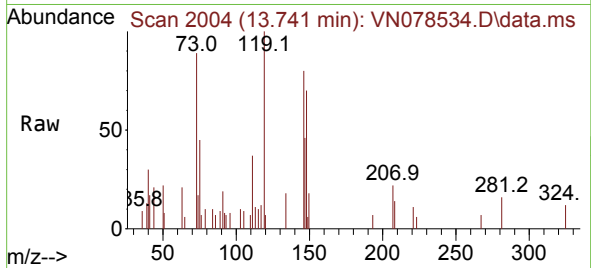




#87
1,3-Dichlorobenzene
Concen: 0.339 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

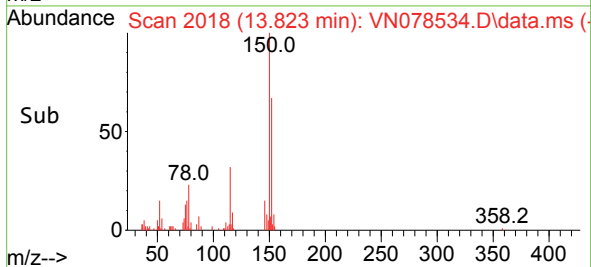
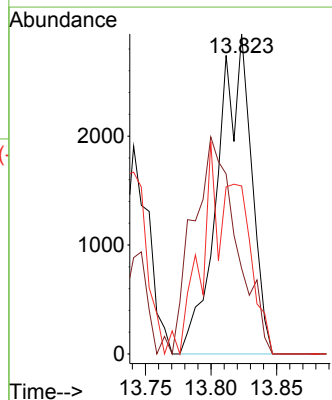
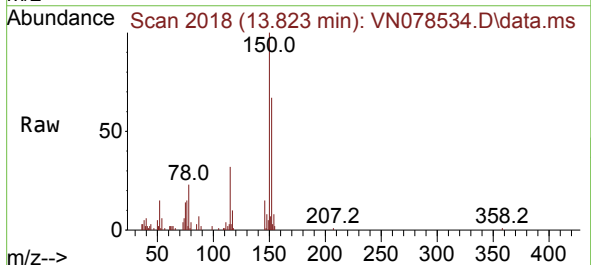
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

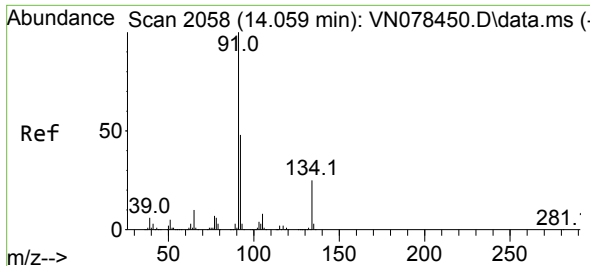
Tgt Ion:146 Resp: 2997
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.3
148 105.1 32.0 96.0#



#88
1,4-Dichlorobenzene
Concen: 0.582 ug/l
RT: 13.823 min Scan# 2018
Delta R.T. 0.005 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion:146 Resp: 5177
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 0.0 31.6 94.8#

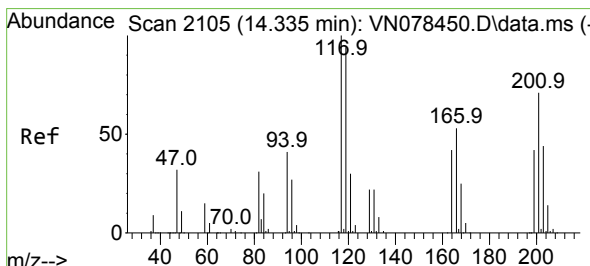
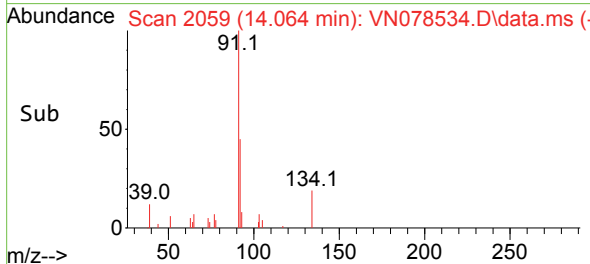
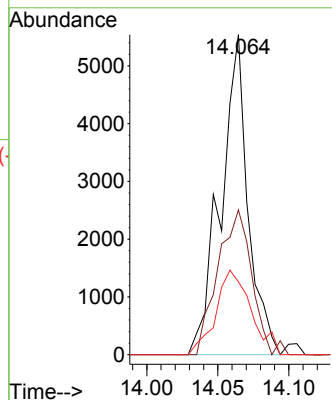
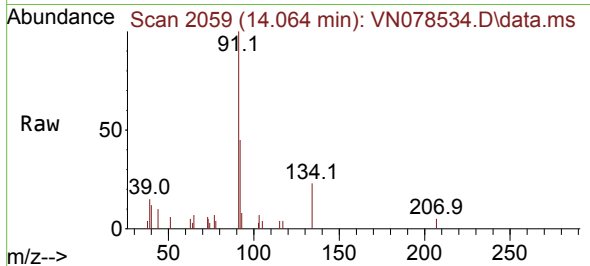




#89
n-Butylbenzene
Concen: 0.661 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.005 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

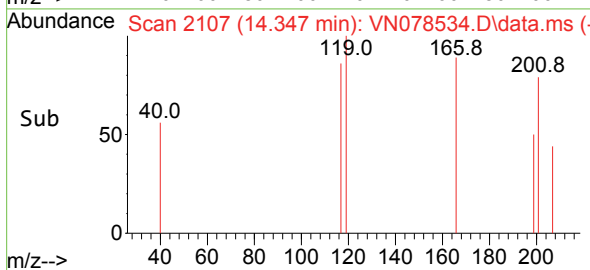
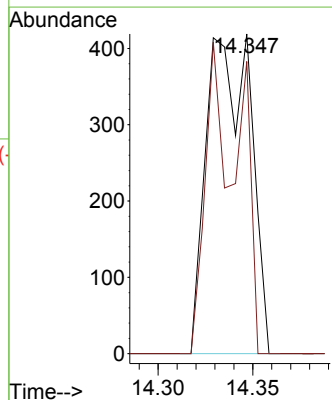
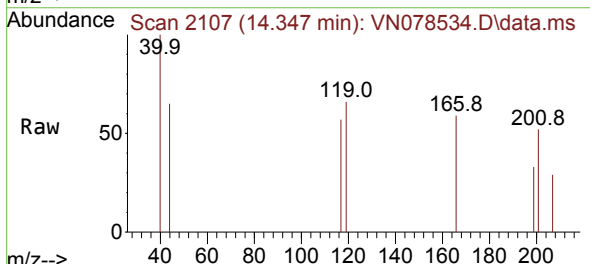
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

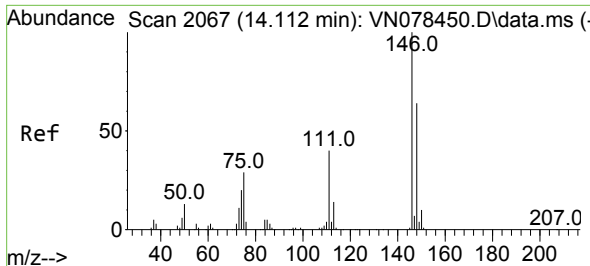
Tgt Ion: 91 Resp: 7401
Ion Ratio Lower Upper
91 100
92 56.5 26.4 79.0
134 34.0 12.6 37.6



#90
Hexachloroethane
Concen: Below Cal
RT: 14.347 min Scan# 2107
Delta R.T. 0.012 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 117 Resp: 674
Ion Ratio Lower Upper
117 100
201 73.0 29.3 88.0

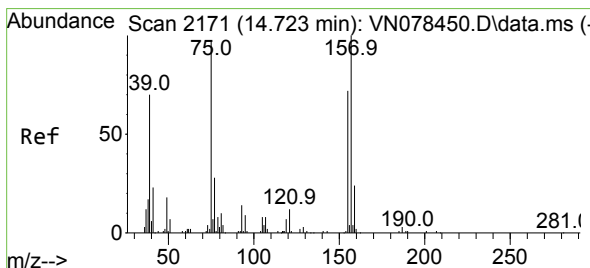
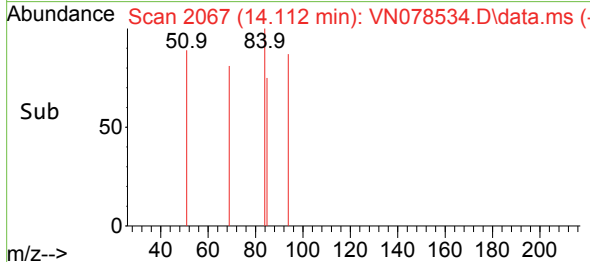
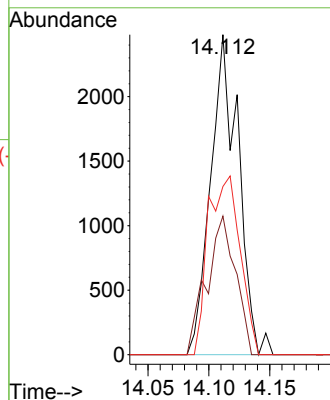
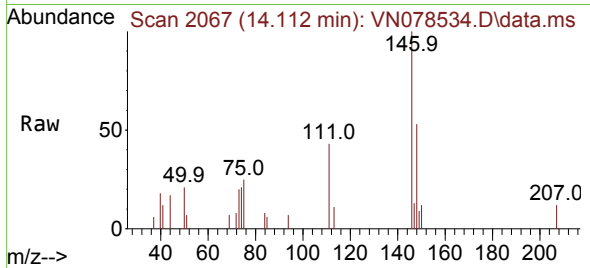




#91
1,2-Dichlorobenzene
Concen: 0.447 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

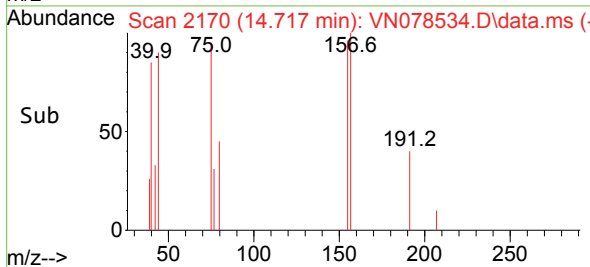
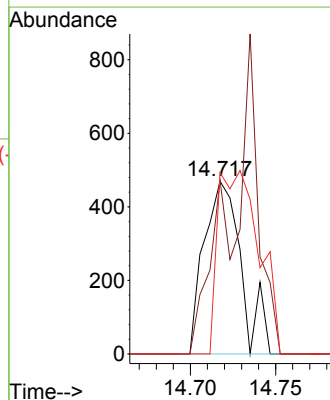
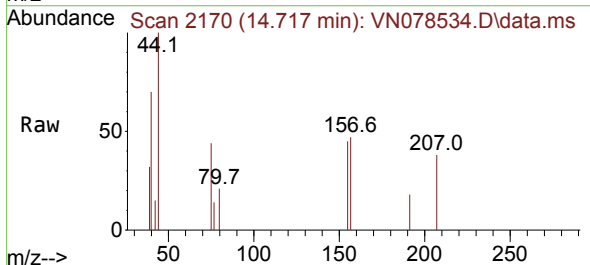
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

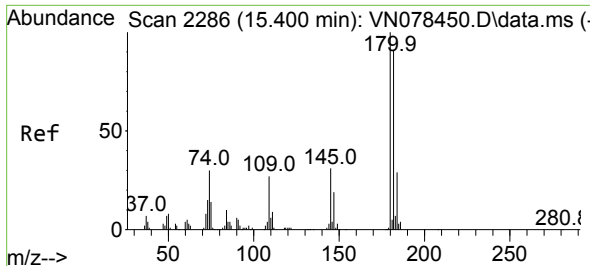
Tgt Ion:146 Resp: 3932
Ion Ratio Lower Upper
146 100
111 45.1 22.0 66.0
148 64.5 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion: 75 Resp: 706
Ion Ratio Lower Upper
75 100
155 139.2 39.1 117.2#
157 118.7 50.3 150.9

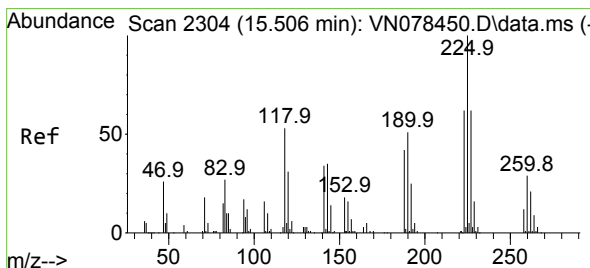
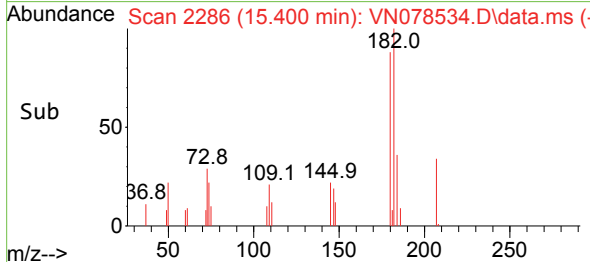
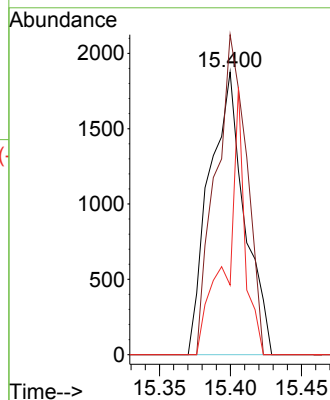
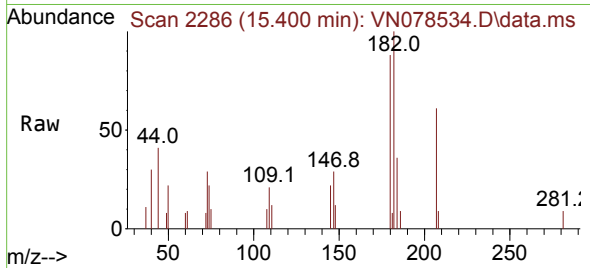




#93
1,2,4-Trichlorobenzene
Concen: 1.147 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

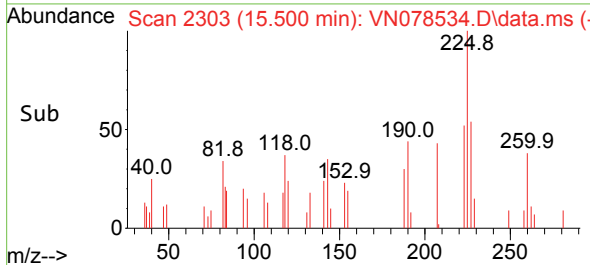
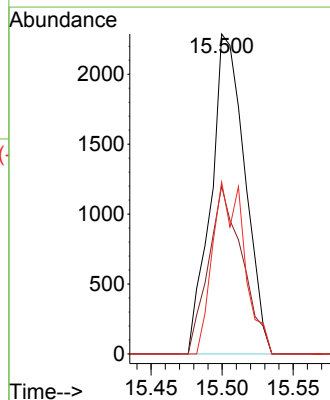
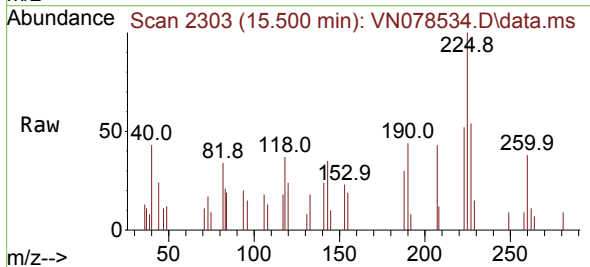
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBL01

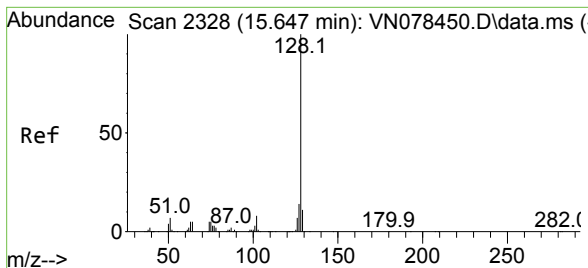
Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	46.1	138.2
145	47.9	16.6	49.8



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078534.D
Acq: 17 Jul 2023 11:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	52.6	31.3	93.8
227	50.4	31.9	95.9





#95

Naphthalene

Concen: 1.370 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078534.D

Acq: 17 Jul 2023 11:08

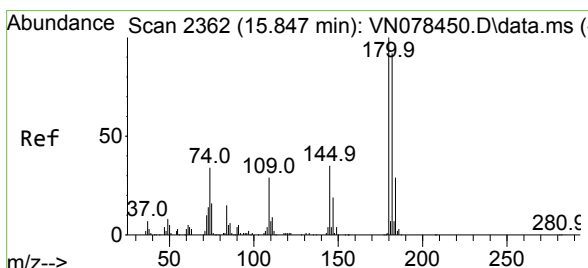
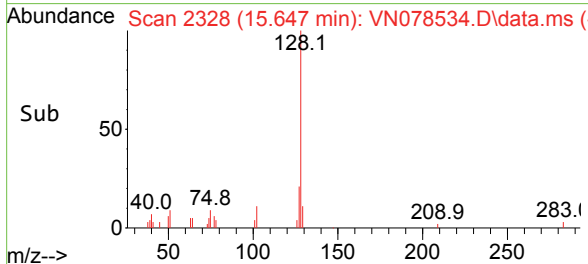
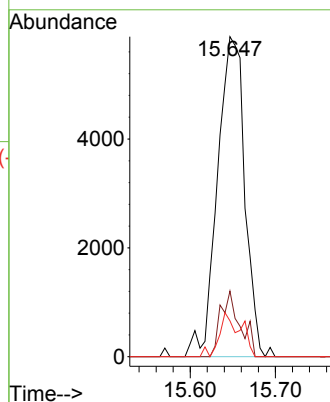
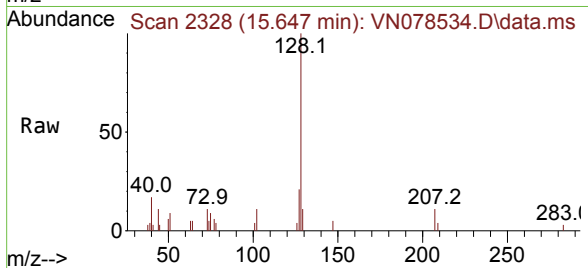
Instrument :

MSVOA_N

ClientSampleId :

VN0717MBL01

Tgt Ion:128	Resp:	13138
Ion Ratio	Lower	Upper
128	100	
127	14.5	10.0 15.0
129	10.8	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.368 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

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Tgt Ion:180	Resp:	4412
Ion Ratio	Lower	Upper
180	100	
182	89.7	46.2 138.6
145	41.2	17.5 52.6

