

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050322\
 Data File : VN072307.D
 Acq On : 03 May 2022 16:14
 Operator : JC\MD
 Sample : VN0503WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBL01

Quant Time: May 04 05:12:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

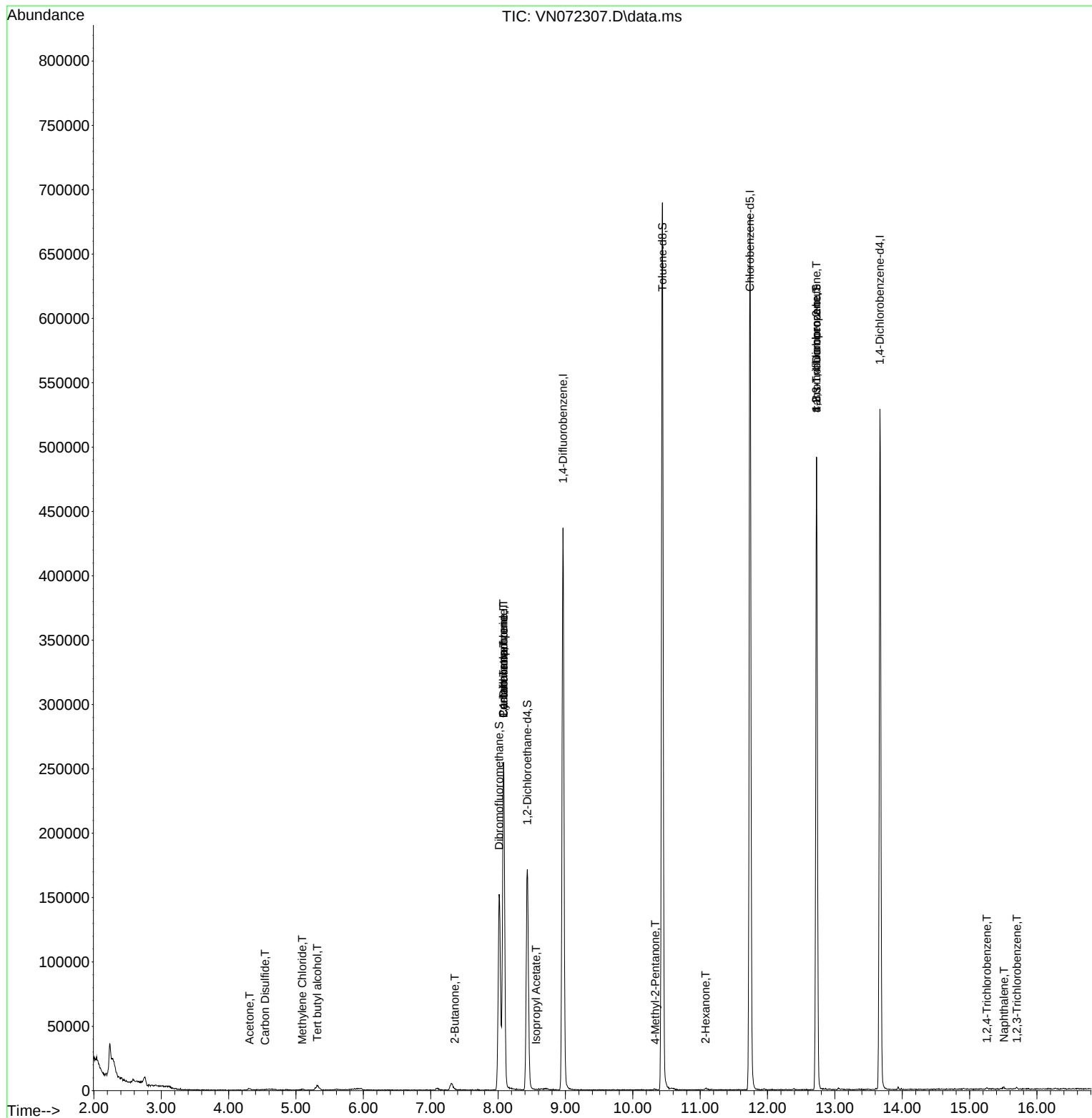
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	181632	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	358274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	372874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	136448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	148335	53.196	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.400%	
35) Dibromofluoromethane	8.016	113	112322	48.981	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.960%	
50) Toluene-d8	10.439	98	460511	51.107	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.727	95	168265	56.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 112.520%	
Target Compounds						Qvalue
3) Chloromethane	2.305	50	1443	Below Cal	#	43
5) Bromomethane	2.863	94	271	Below Cal	#	2
6) Chloroethane	3.016	64	372	Below Cal	#	42
11) Tert butyl alcohol	5.316	59	3622	7.904	ug/l	# 72
16) Acetone	4.310	43	1394	1.160	ug/l	94
17) Carbon Disulfide	4.540	76	82	0.383	ug/l	# 75
20) Methylene Chloride	5.093	84	713	0.309	ug/l	# 70
25) 2-Butanone	7.357	43	1545	0.807	ug/l	# 45
31) Cyclohexane	8.081	56	5020	1.347	ug/l	# 25
36) 1,1-Dichloropropene	8.081	75	16244	4.867	ug/l	# 48
38) Carbon Tetrachloride	8.081	117	20266	5.669	ug/l	# 16
43) Isopropyl Acetate	8.563	43	143	0.821	ug/l	# 53
51) 4-Methyl-2-Pentanone	10.333	43	882	0.211	ug/l	# 33
59) 2-Hexanone	11.080	43	1726	0.586	ug/l	64
75) 1,1,2,2-Tetrachloroethane	12.727	83	193	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	93244	30.423	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	93244	79.015	ug/l	# 10
93) 1,2,4-Trichlorobenzene	15.257	180	555	2.671	ug/l	# 78
95) Naphthalene	15.510	128	2627	4.639	ug/l	# 79
96) 1,2,3-Trichlorobenzene	15.704	180	642	2.964	ug/l	# 56

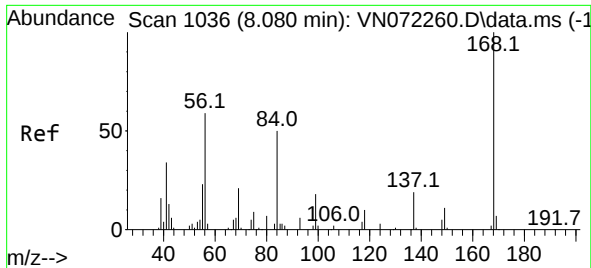
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
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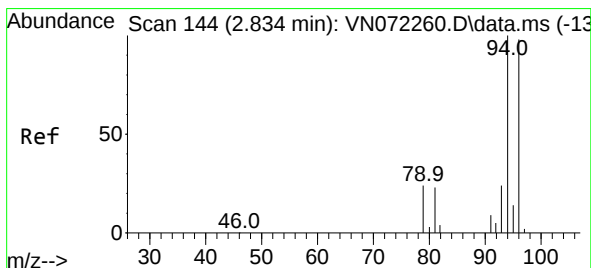
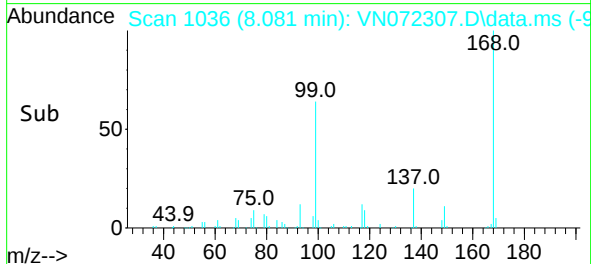
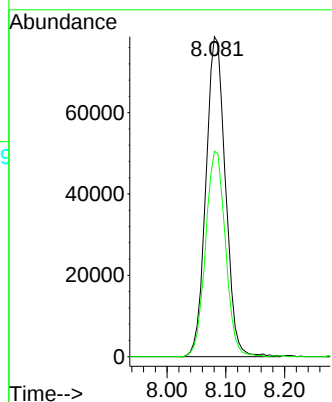
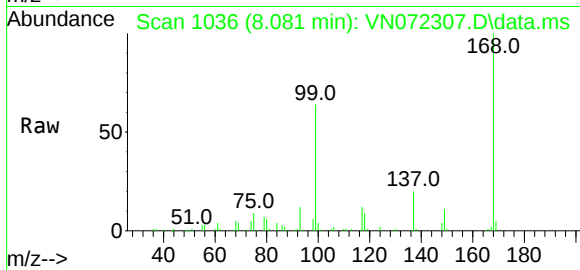




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

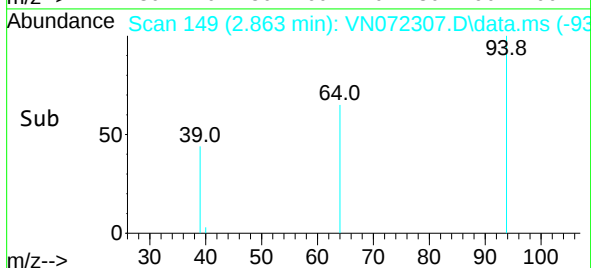
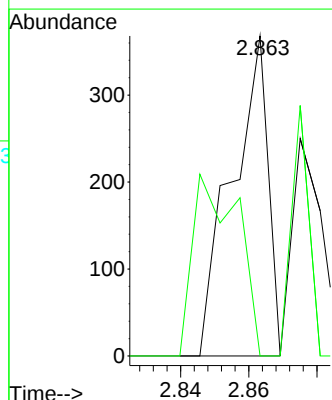
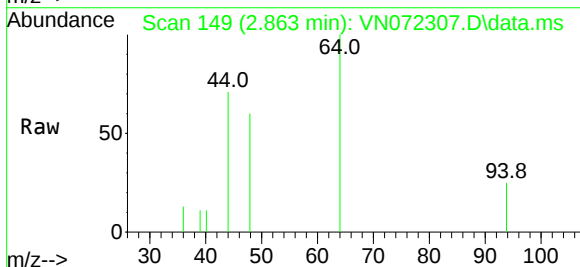
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

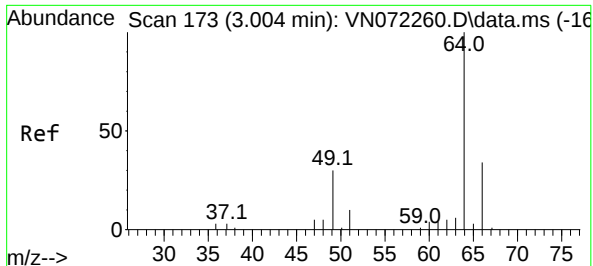
Tgt Ion:168 Resp: 181632
Ion Ratio Lower Upper
168 100
99 64.2 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.863 min Scan# 149
Delta R.T. 0.029 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

Tgt Ion: 94 Resp: 271
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

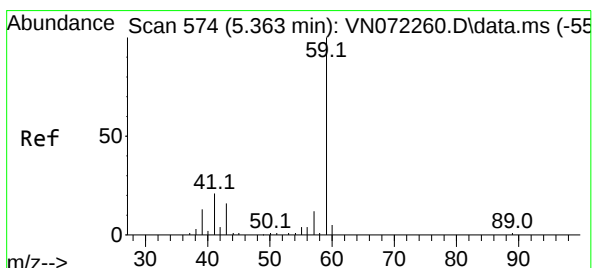
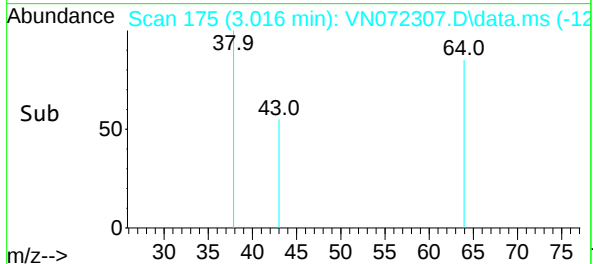
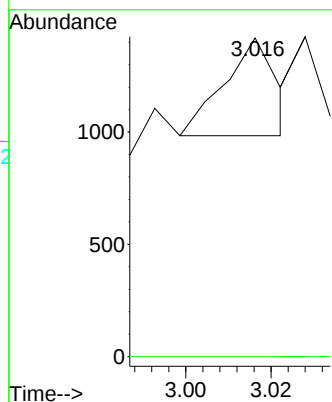
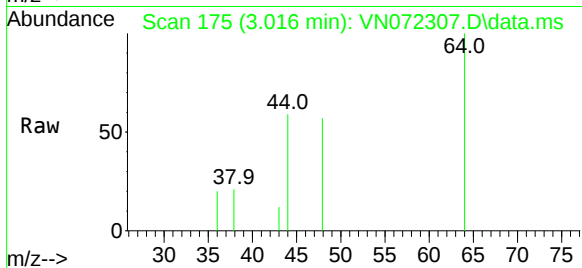




#6
Chloroethane
Concen: Below Cal
RT: 3.016 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

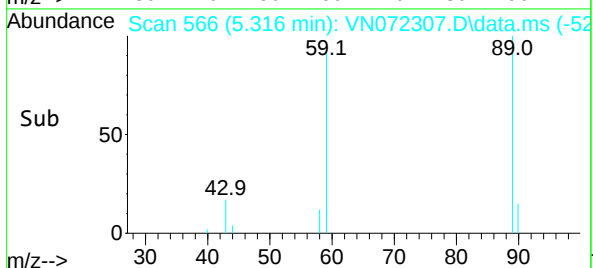
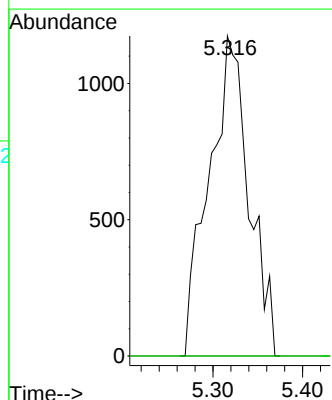
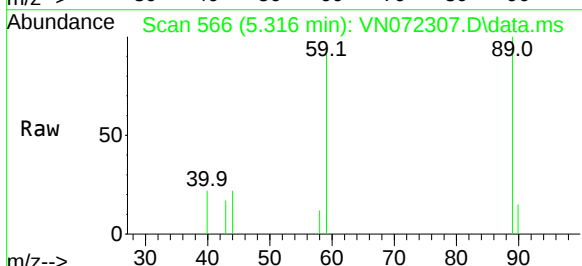
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

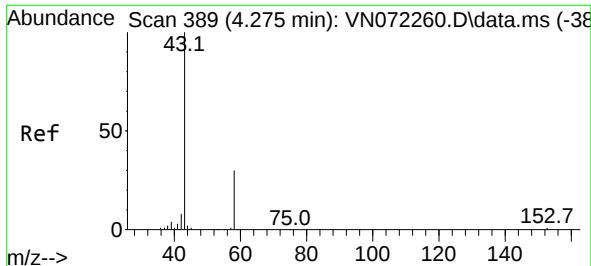
Tgt Ion: 64 Resp: 372
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 7.904 ug/l
RT: 5.316 min Scan# 566
Delta R.T. -0.047 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

Tgt Ion: 59 Resp: 3622
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

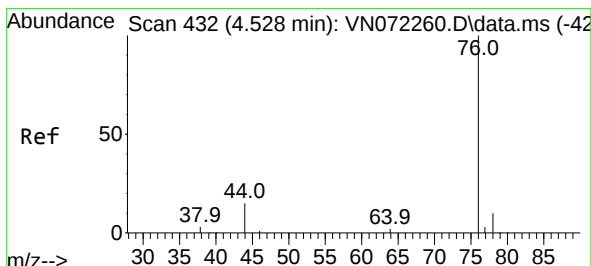
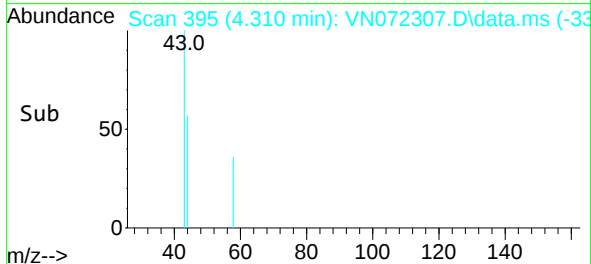
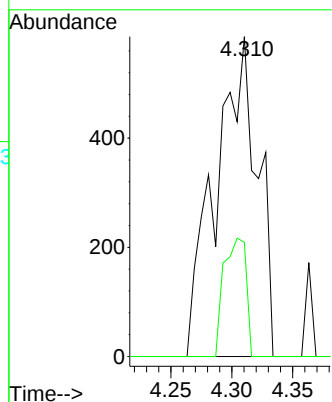
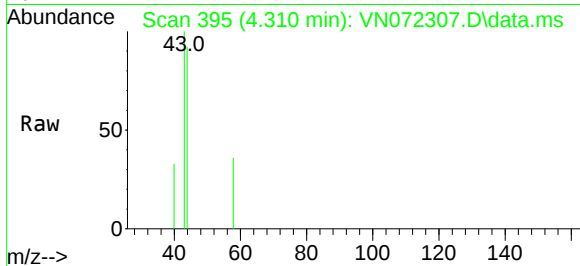




#16
Acetone
Concen: 1.160 ug/l
RT: 4.310 min Scan# 395
Delta R.T. 0.029 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

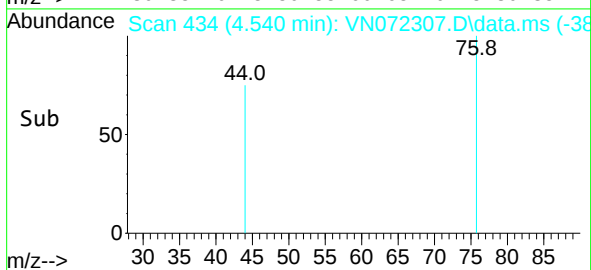
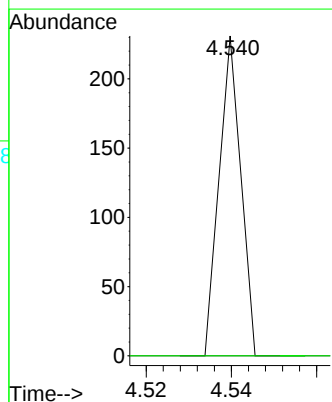
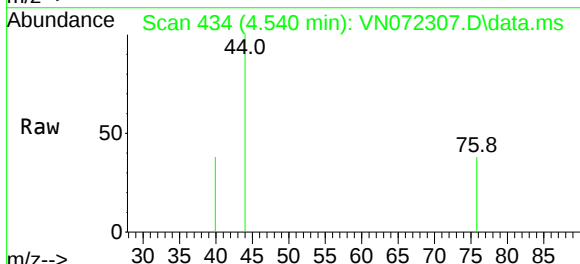
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

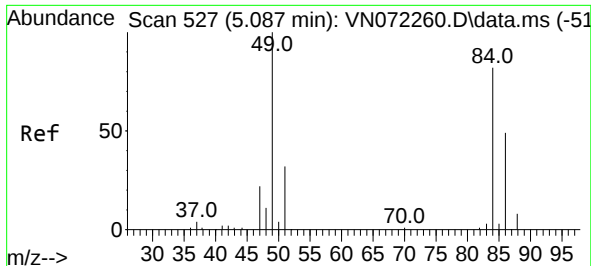
Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 35.7 26.0 39.0



#17
Carbon Disulfide
Concen: 0.383 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

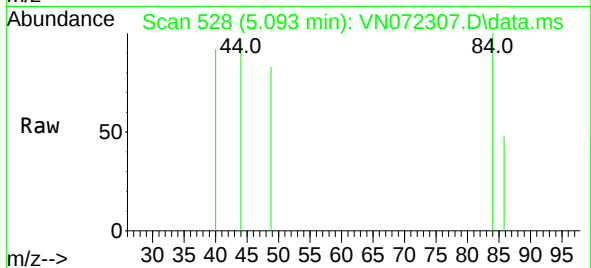
Tgt Ion: 76 Resp: 82
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



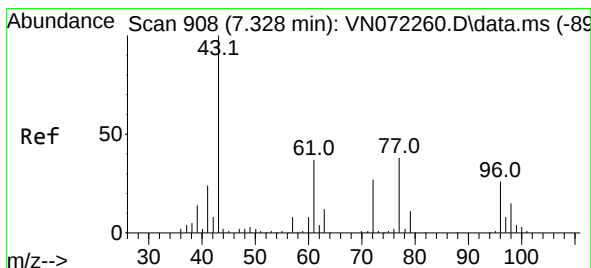
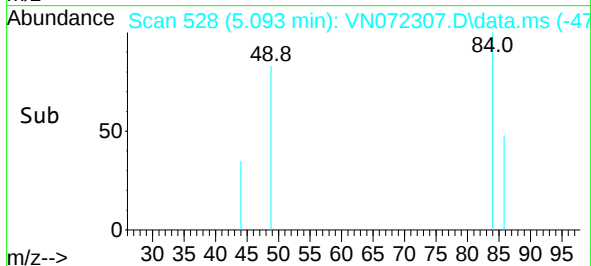
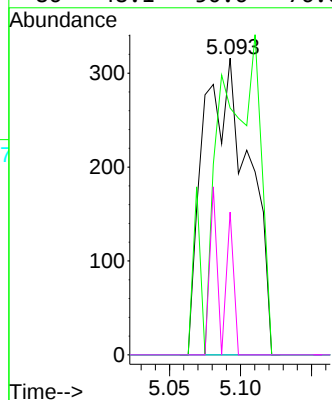


#20
Methylene Chloride
Concen: 0.309 ug/l
RT: 5.093 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

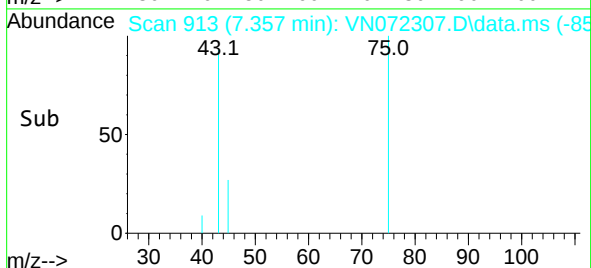
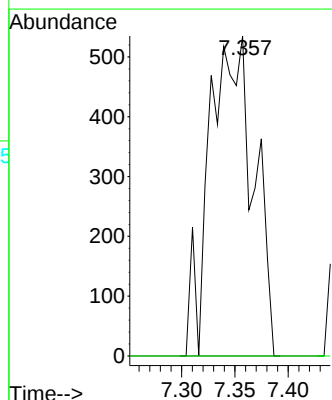
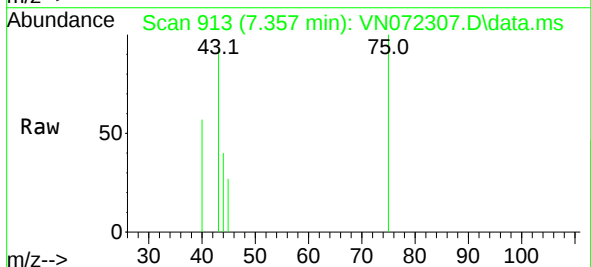


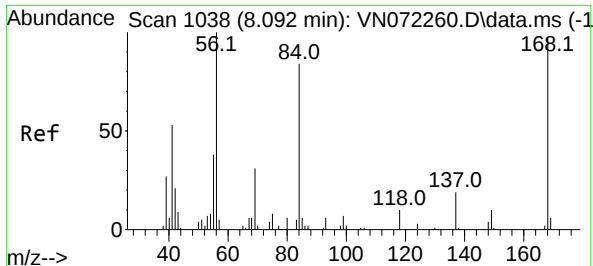
Tgt Ion	Ratio	Lower	Upper
84	100		
49	83.2	88.3	132.5#
51	0.0	28.2	42.2#
86	48.1	50.6	76.0#



#25
2-Butanone
Concen: 0.807 ug/l
RT: 7.357 min Scan# 913
Delta R.T. 0.029 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

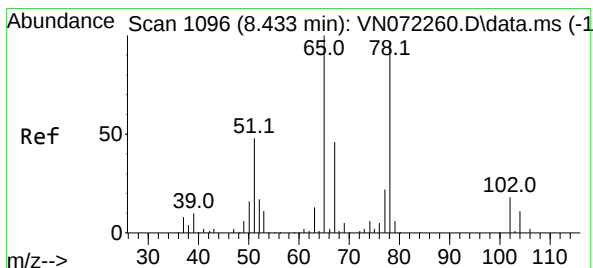
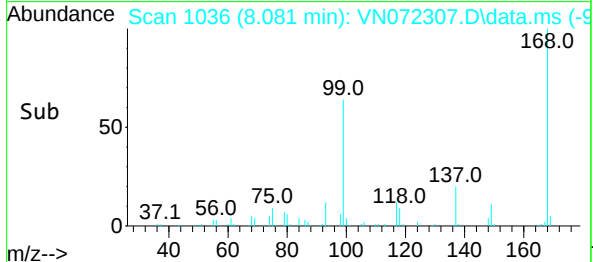
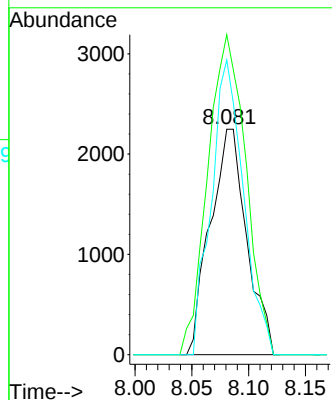
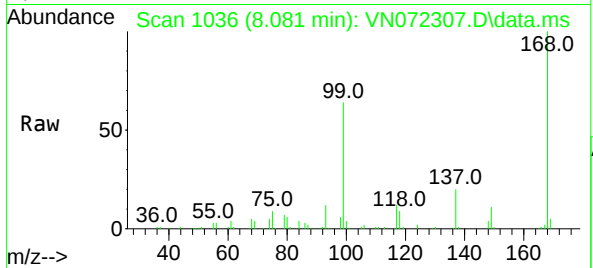




#31
Cyclohexane
Concen: 1.347 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

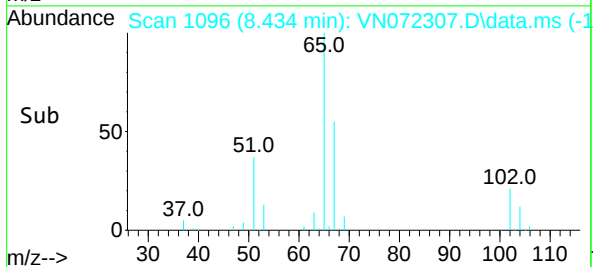
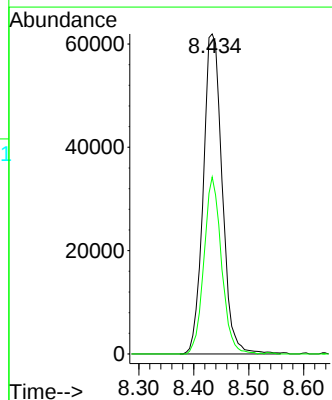
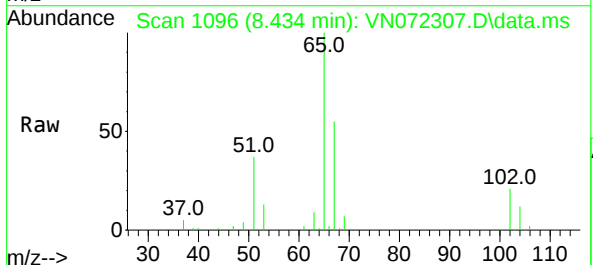
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MSVOA_N
ClientSampleId :
VN0503WBL01

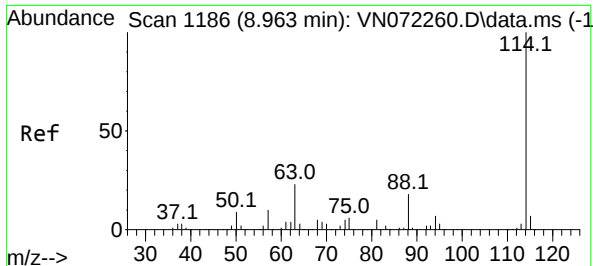
Tgt Ion: 56 Resp: 5020
Ion Ratio Lower Upper
56 100
69 141.9 27.8 41.8#
84 130.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 53.196 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

Tgt Ion: 65 Resp: 148335
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072307.D

Acq: 03 May 2022 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBL01

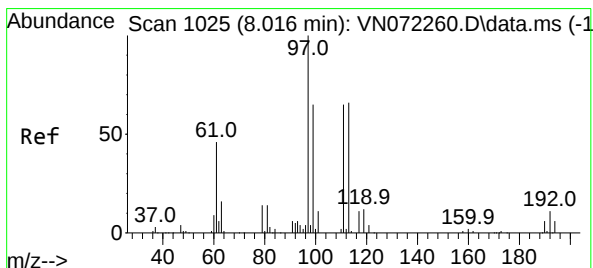
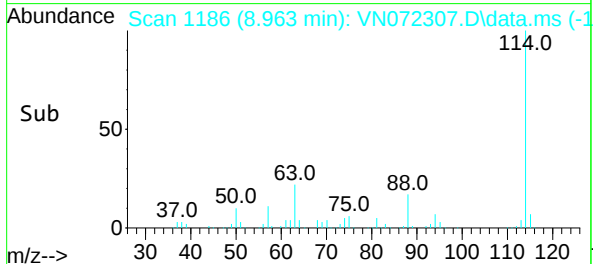
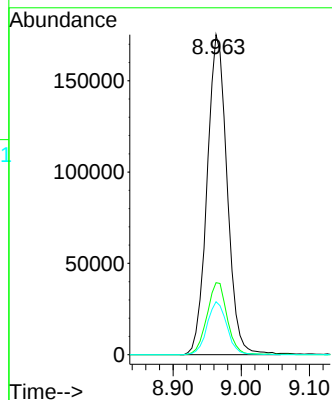
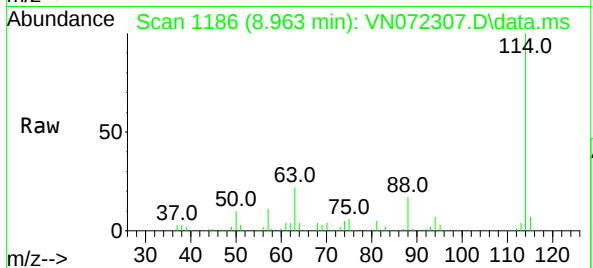
Tgt Ion:114 Resp: 358274

Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.981 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072307.D

Acq: 03 May 2022 16:14

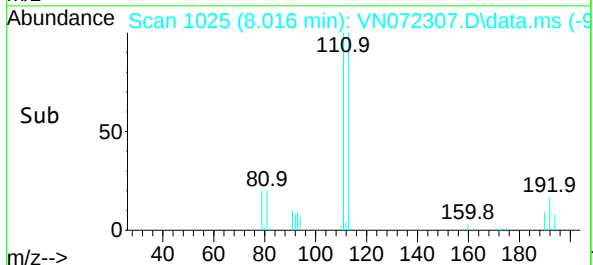
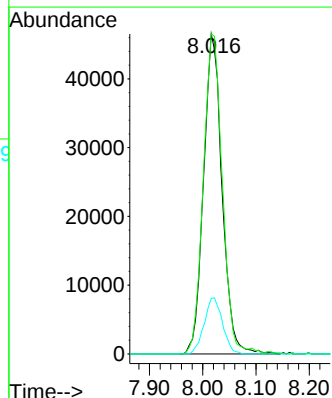
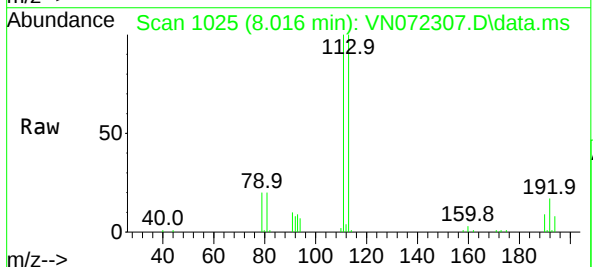
Tgt Ion:113 Resp: 112322

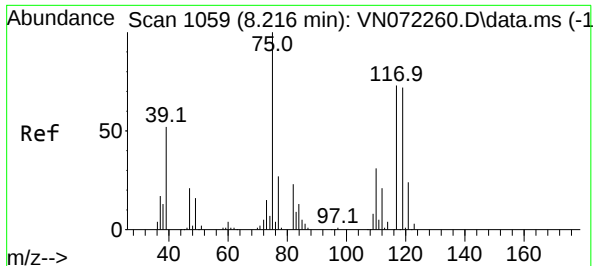
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 17.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.867 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072307.D

Acq: 03 May 2022 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBL01

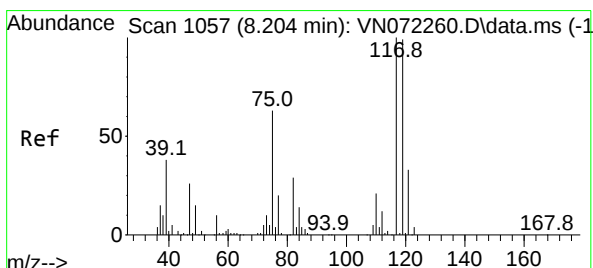
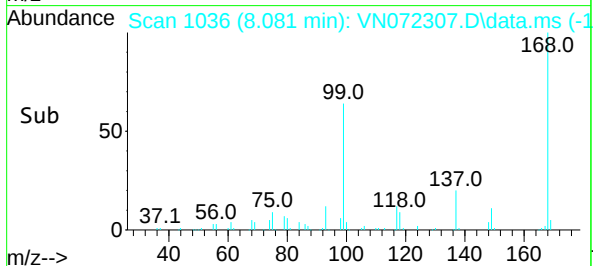
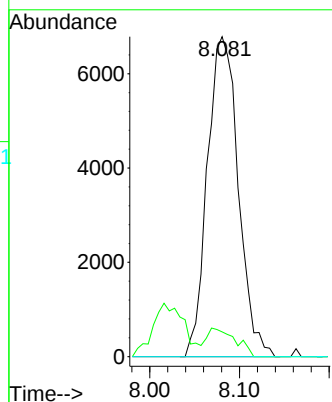
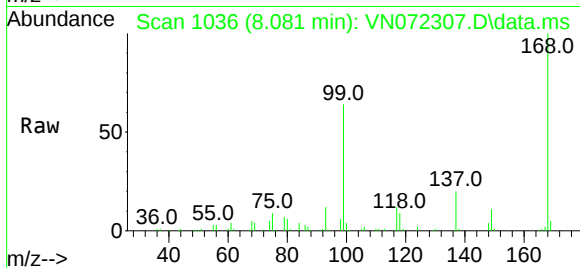
Tgt Ion: 75 Resp: 16244

Ion Ratio Lower Upper

75 100

110 8.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.669 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072307.D

Acq: 03 May 2022 16:14

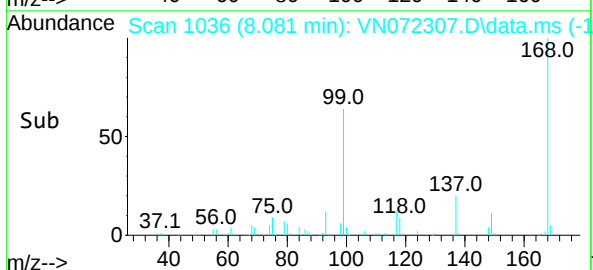
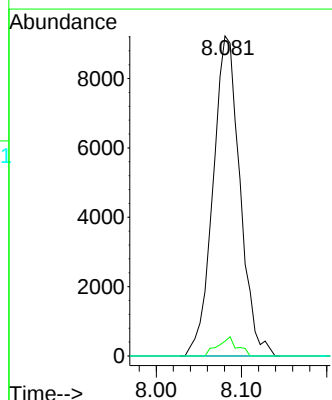
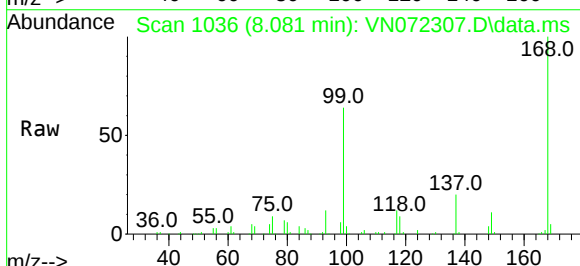
Tgt Ion: 117 Resp: 20266

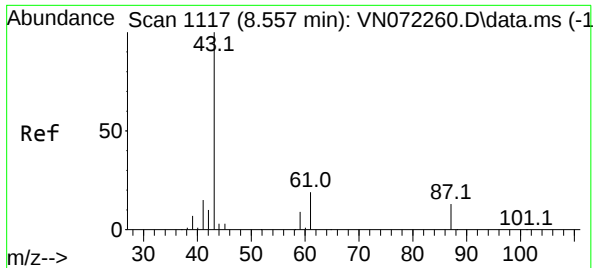
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

121 0.0 24.6 37.0#

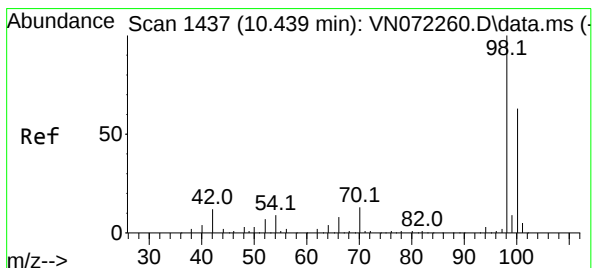
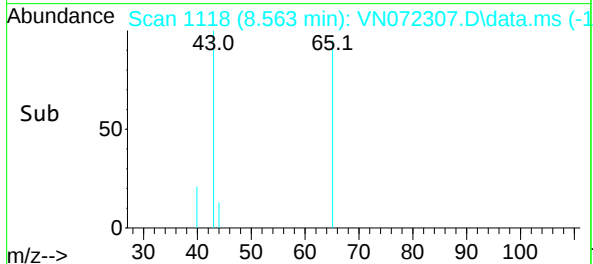
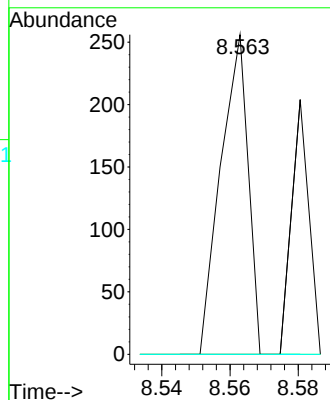
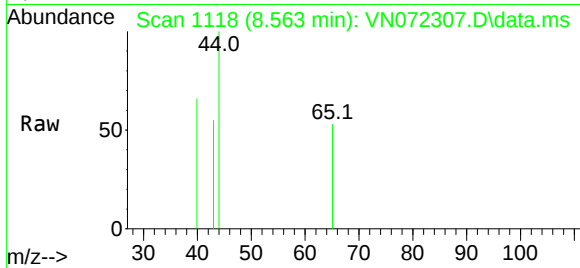




#43
Isopropyl Acetate
Concen: 0.821 ug/l
RT: 8.563 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

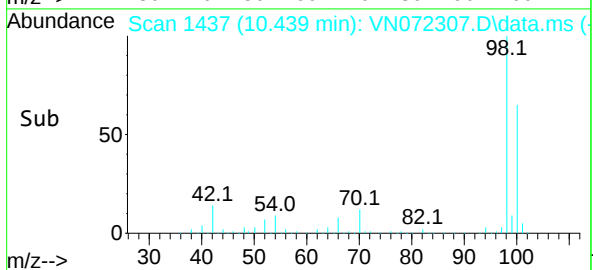
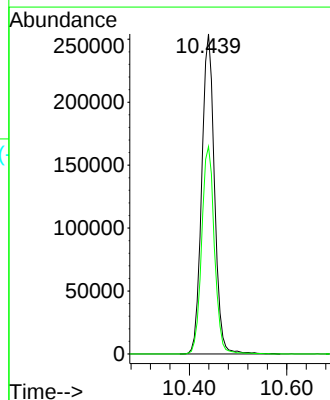
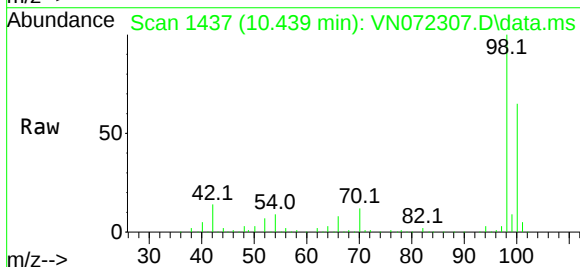
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

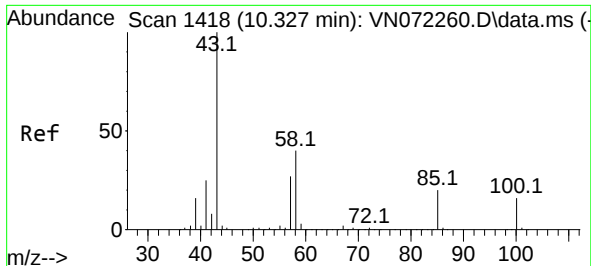
Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.107 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

Tgt Ion: 98 Resp: 460511
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.211 ug/l

RT: 10.333 min Scan# 1419

Delta R.T. 0.005 min

Lab File: VN072307.D

Acq: 03 May 2022 16:14

Instrument :

MSVOA_N

ClientSampleId :

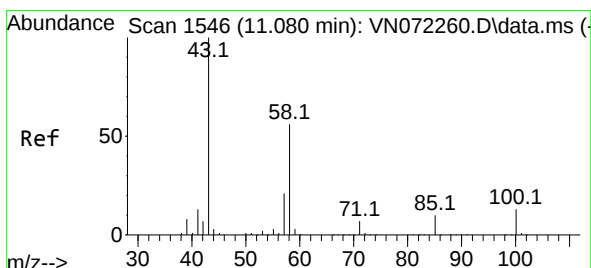
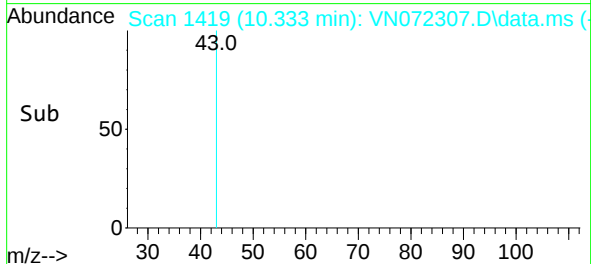
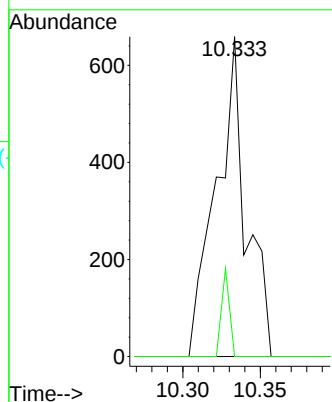
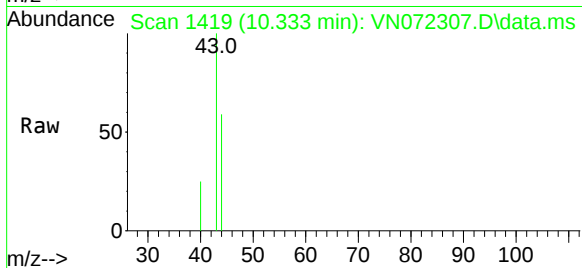
VN0503WBL01

Tgt Ion: 43 Resp: 882

Ion Ratio Lower Upper

43 100

58 0.0 34.1 51.1#



#59

2-Hexanone

Concen: 0.586 ug/l

RT: 11.080 min Scan# 1546

Delta R.T. -0.001 min

Lab File: VN072307.D

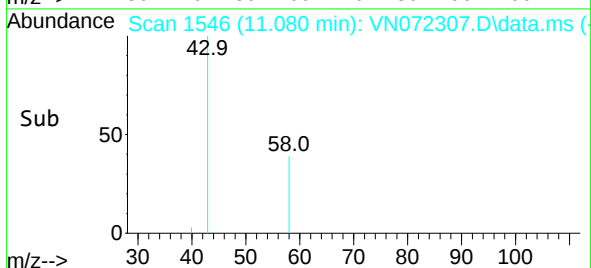
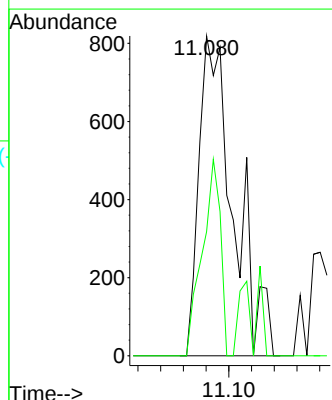
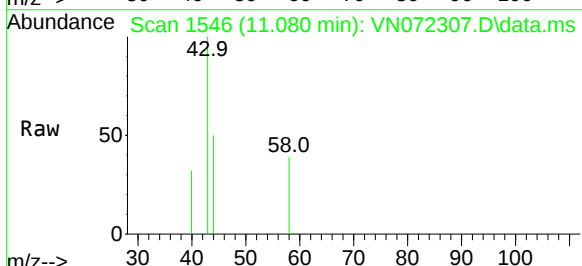
Acq: 03 May 2022 16:14

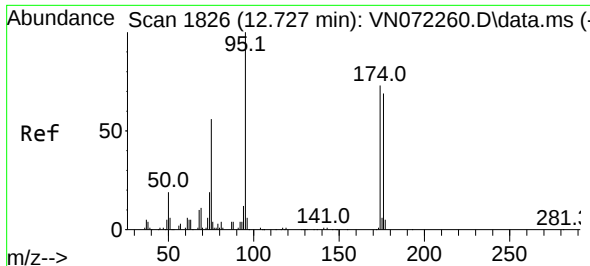
Tgt Ion: 43 Resp: 1726

Ion Ratio Lower Upper

43 100

58 32.3 29.7 89.1

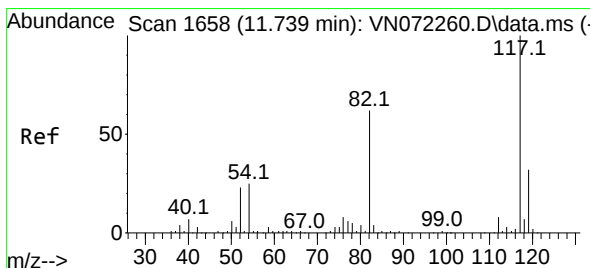
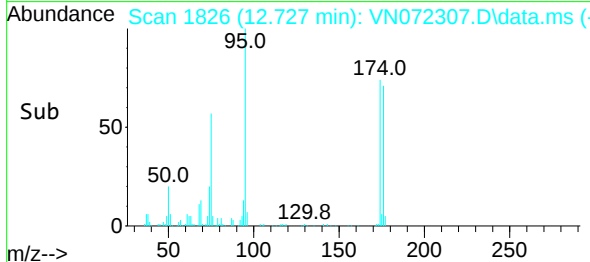
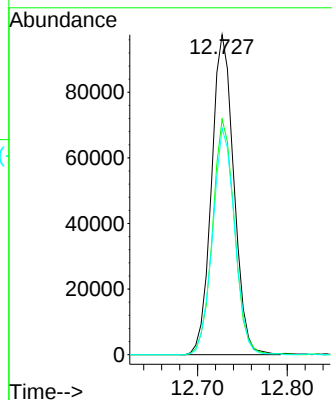
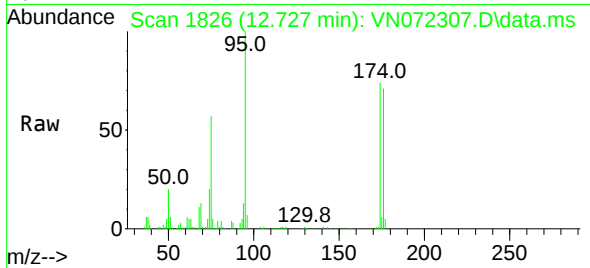




#62
4-Bromofluorobenzene
Concen: 56.260 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

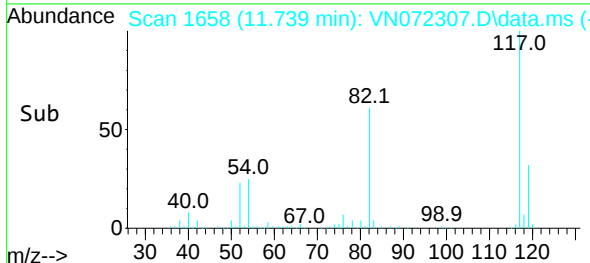
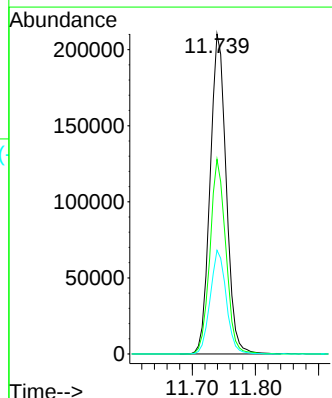
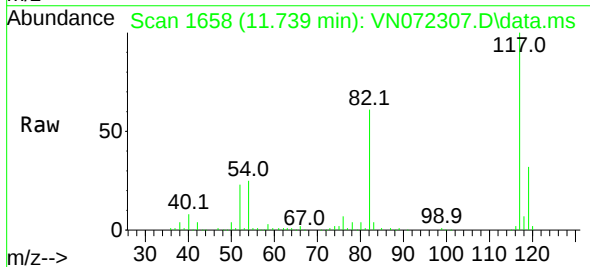
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

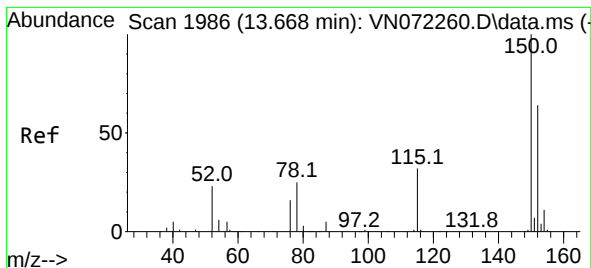
Tgt Ion: 95 Resp: 168265
Ion Ratio Lower Upper
95 100
174 72.4 0.0 167.6
176 70.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

Tgt Ion: 117 Resp: 372874
Ion Ratio Lower Upper
117 100
82 60.8 44.2 66.2
119 32.4 25.4 38.0

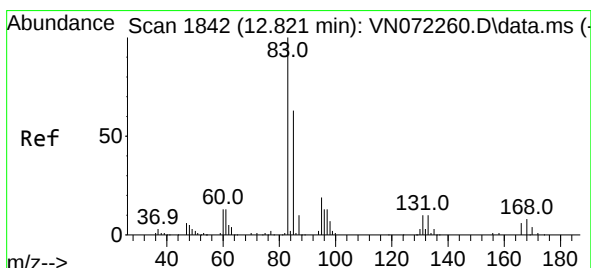
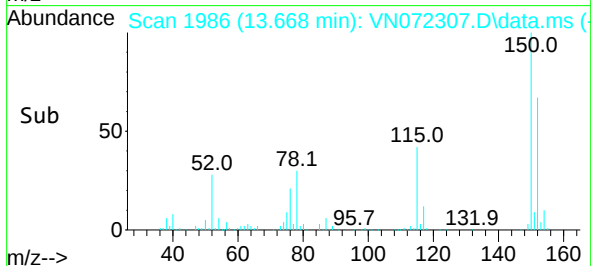
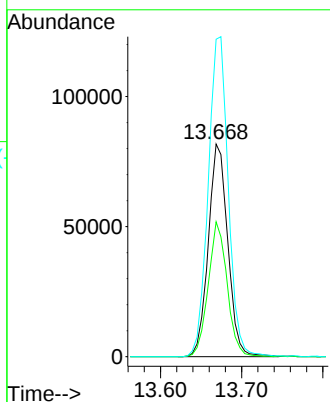
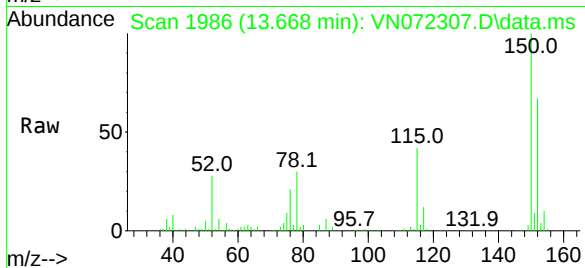




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

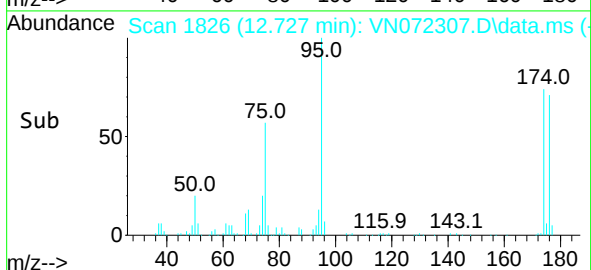
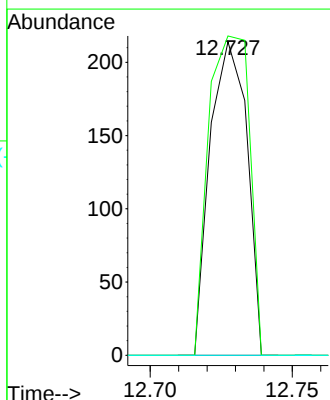
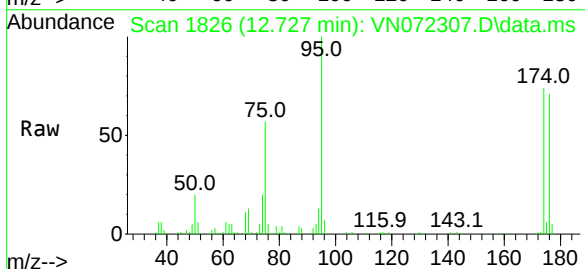
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

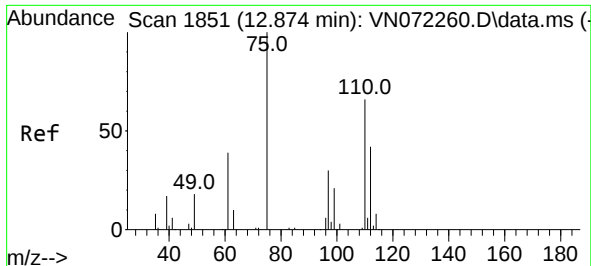
Tgt Ion:152 Resp: 136448
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 154.8 0.0 356.2



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.727 min Scan# 1826
Delta R.T. -0.095 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

Tgt Ion: 83 Resp: 193
Ion Ratio Lower Upper
83 100
131 113.5 5.3 15.9#
85 0.0 32.3 96.9#

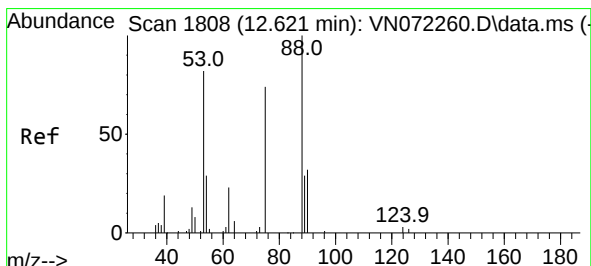
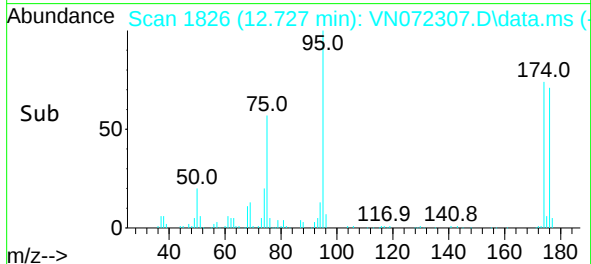
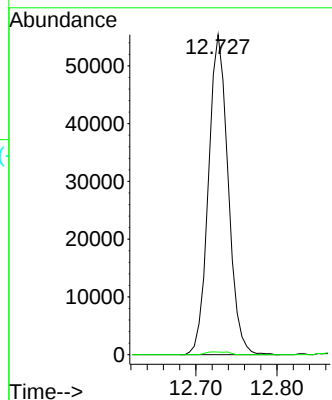
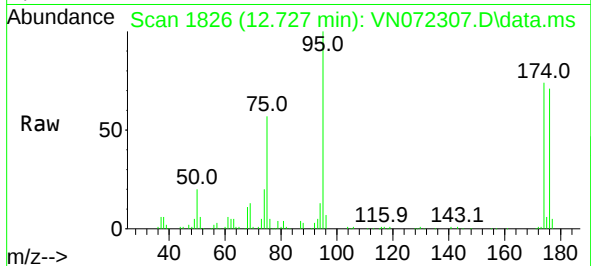




#76
1,2,3-Trichloropropane
Concen: 30.423 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

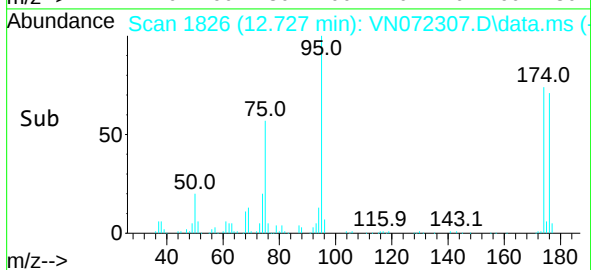
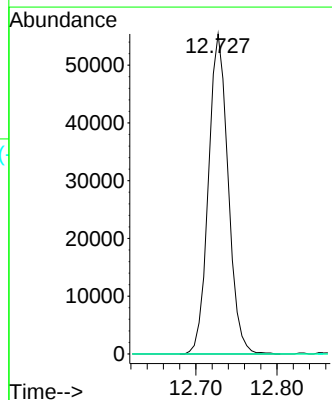
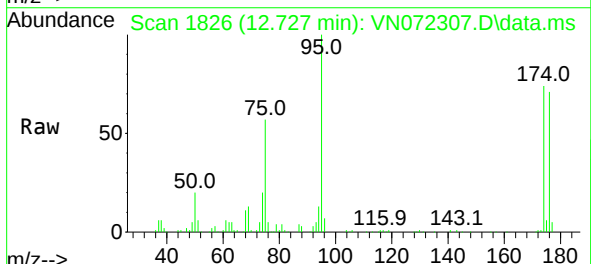
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

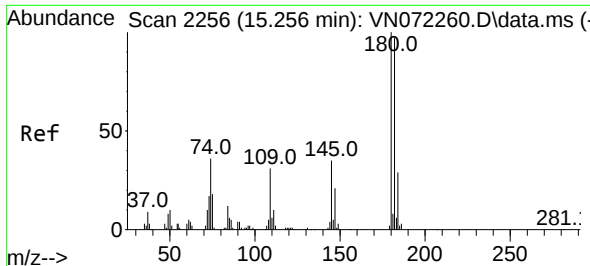
Tgt Ion: 75 Resp: 93244
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.015 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

Tgt Ion: 75 Resp: 93244
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

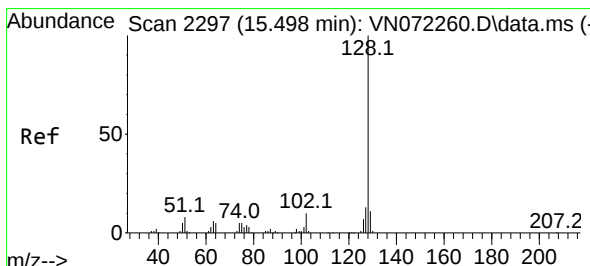
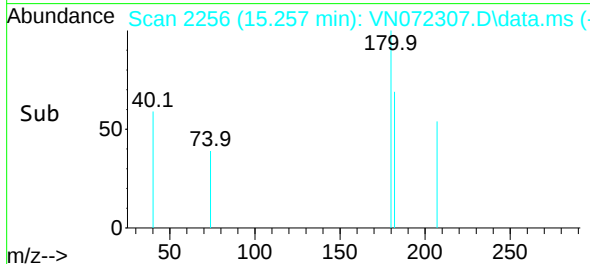
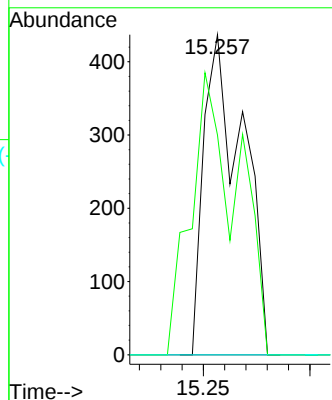
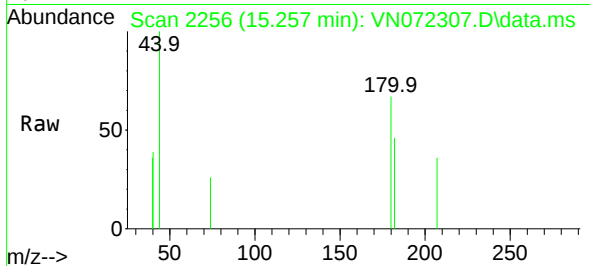




#93
1,2,4-Trichlorobenzene
Concen: 2.671 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

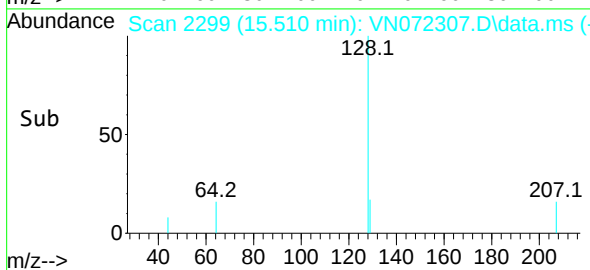
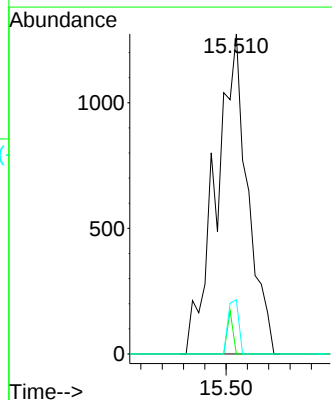
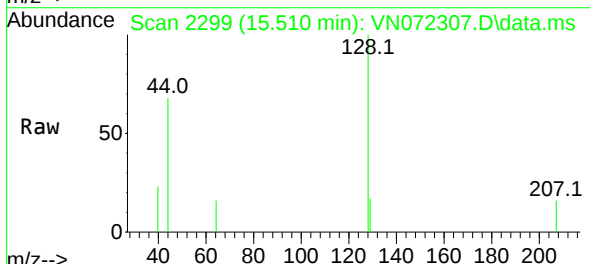
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

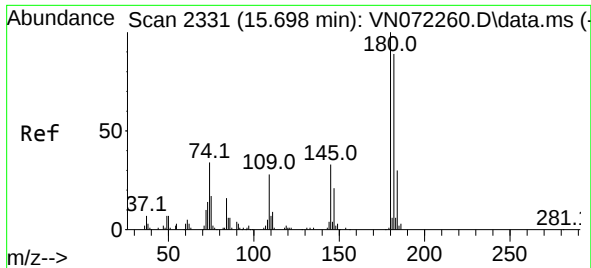
Tgt Ion	Ratio	Lower	Upper
180	100		
182	106.3	47.5	142.5
145	0.0	14.5	43.5#



#95
Naphthalene
Concen: 4.639 ug/l
RT: 15.510 min Scan# 2299
Delta R.T. 0.012 min
Lab File: VN072307.D
Acq: 03 May 2022 16:14

Tgt Ion	Ratio	Lower	Upper
128	100		
127	2.3	10.3	15.5#
129	5.6	8.6	13.0#





#96

1,2,3-Trichlorobenzene

Concen: 2.964 ug/l

RT: 15.704 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN072307.D

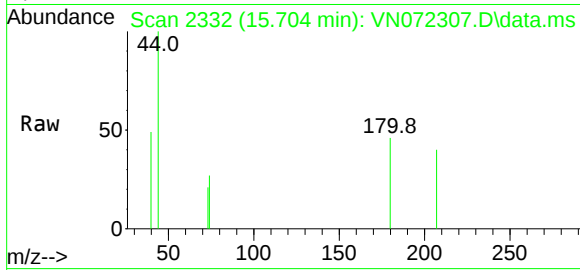
Acq: 03 May 2022 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN0503WBL01



Tgt Ion:180 Resp: 642

Ion Ratio Lower Upper

180 100

182 56.2 47.8 143.3

145 0.0 15.5 46.5#

