

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068171.D
 Acq On : 18 Aug 2021 3:55
 Operator : JC/MD
 Sample : M3410-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Aug 18 08:41:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

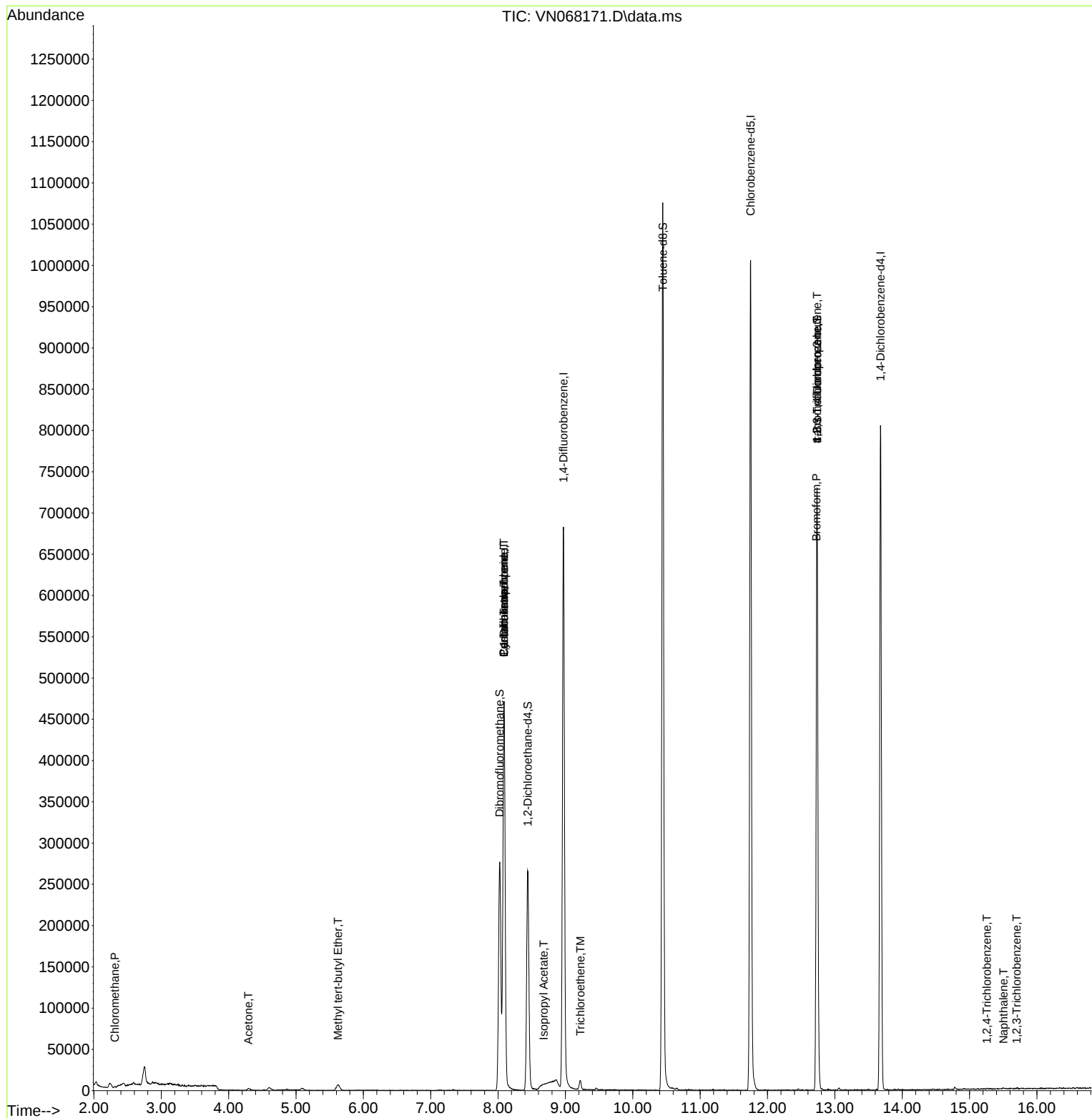
Internal Standards						
1) Pentafluorobenzene	8.088	168	393806	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	659080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	650213	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	240562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	230543	54.829	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 109.660%		
35) Dibromofluoromethane	8.024	113	205514	49.666	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 99.340%		
50) Toluene-d8	10.446	98	792098	50.238	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 100.480%		
62) 4-Bromofluorobenzene	12.736	95	253262	48.252	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 96.500%		
Target Compounds						Qvalue
3) Chloromethane	2.309	50	1196	0.339	ug/l	94
5) Bromomethane	2.877	94	2010	Below Cal	#	78
6) Chloroethane	3.035	64	26	Below Cal	#	44
13) Acrolein	4.041	56	247	Below Cal	#	14
16) Acetone	4.293	43	3207	2.612	ug/l	94
18) Methyl Acetate	4.862	43	252	Below Cal	#	12
19) Methyl tert-butyl Ether	5.624	73	7434	0.722	ug/l	98
20) Methylene Chloride	5.085	84	859	Below Cal	#	72
31) Cyclohexane	8.088	56	6940	1.253	ug/l	# 1
36) 1,1-Dichloropropene	8.088	75	26011	4.828	ug/l	# 53
38) Carbon Tetrachloride	8.088	117	38284	6.161	ug/l	# 17
43) Isopropyl Acetate	8.676	43	9377	1.275	ug/l	# 58
44) Trichloroethene	9.223	130	4540	0.918	ug/l	65
71) Bromoform	12.728	173	849	0.211	ug/l	# 29
76) 1,2,3-Trichloropropane	12.736	75	128856	32.227	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	128856	105.581	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.257	180	166	2.724	ug/l	# 34
95) Naphthalene	15.504	128	863	3.430	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.700	180	169	2.873	ug/l	# 67

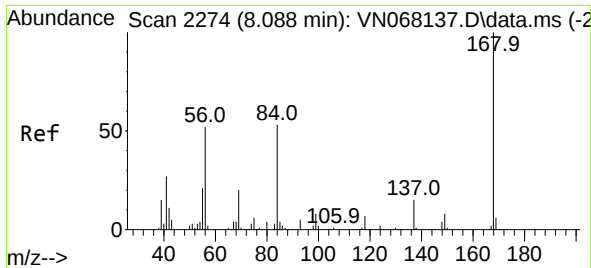
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

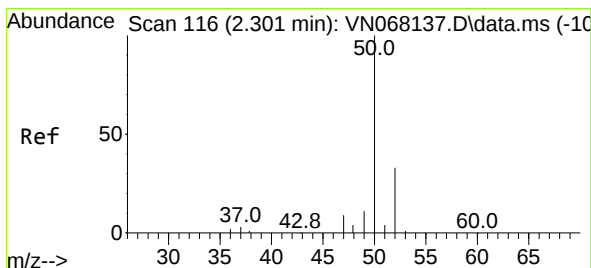
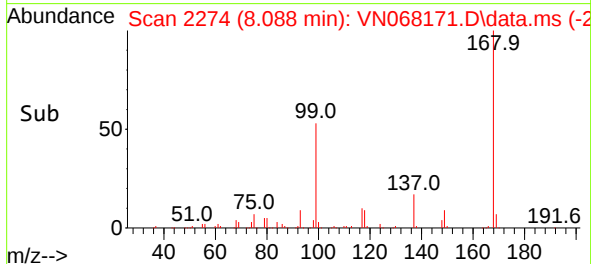
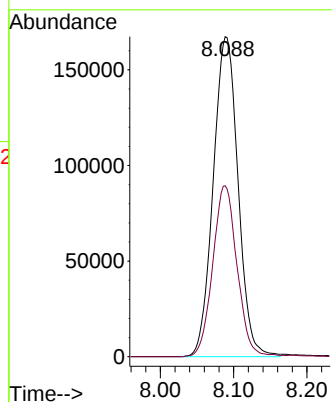
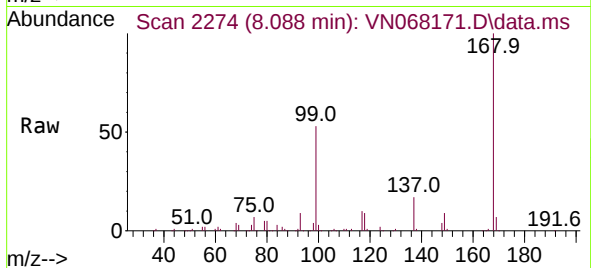




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

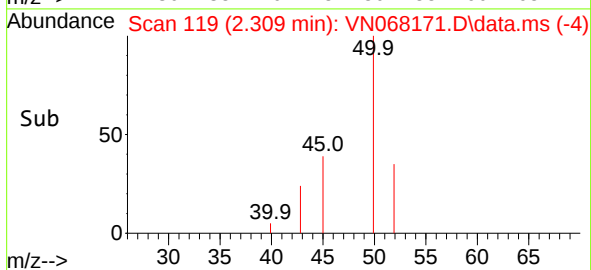
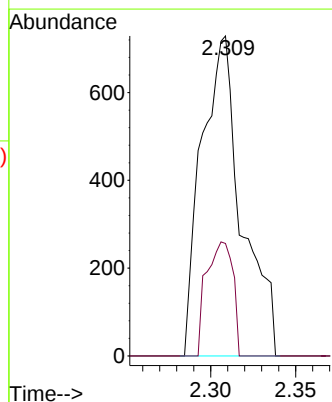
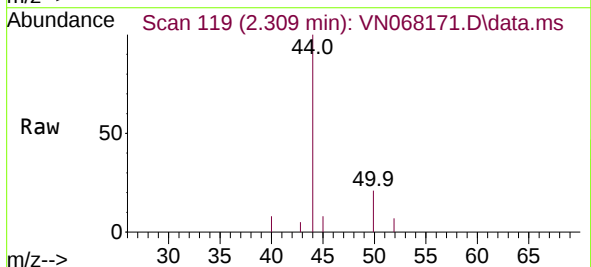
Instrument :
MSVOA_N
ClientSampled :
MW-3

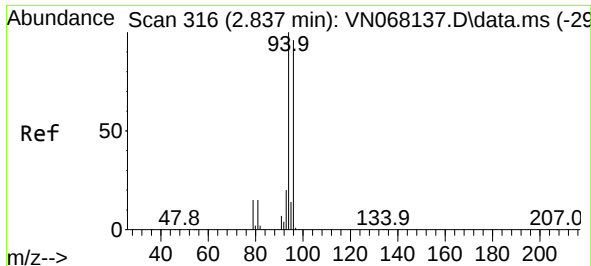
Tgt Ion:168 Resp: 393806
Ion Ratio Lower Upper
168 100
99 53.4 62.9 94.3#



#3
Chloromethane
Concen: 0.339 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.008 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion: 50 Resp: 1196
Ion Ratio Lower Upper
50 100
52 35.1 25.6 38.4

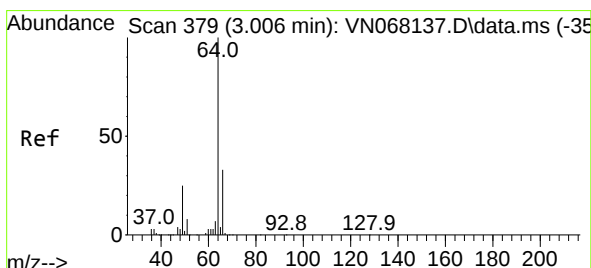
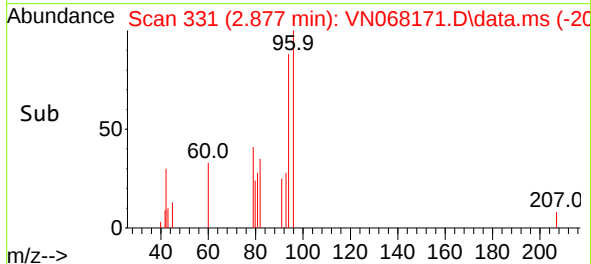
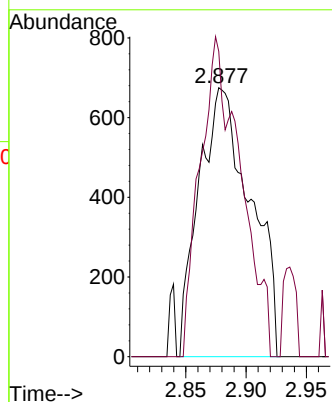
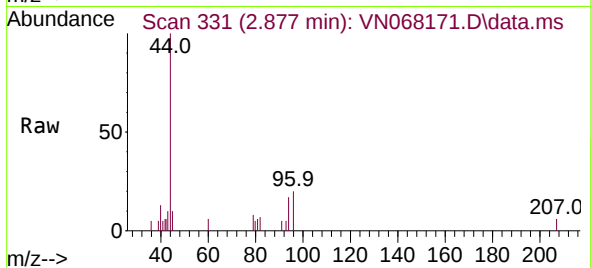




#5
Bromomethane
Concen: Below Cal
RT: 2.877 min Scan# 331
Delta R.T. 0.040 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

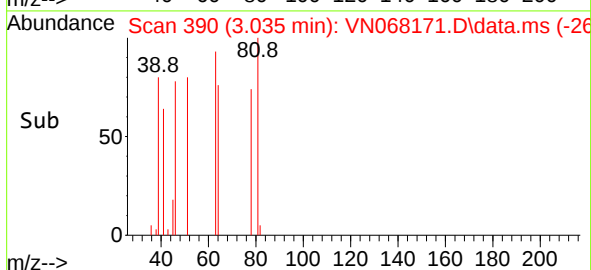
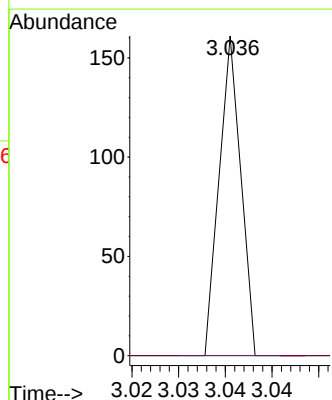
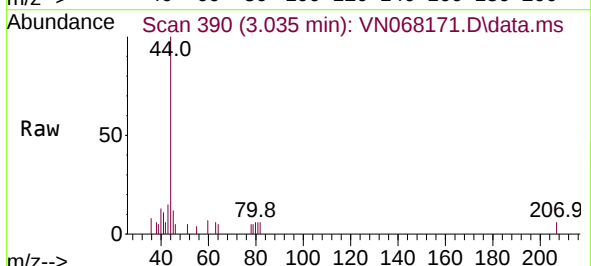
Instrument :
MSVOA_N
ClientSampled :
MW-3

Tgt Ion: 94 Resp: 2010
Ion Ratio Lower Upper
94 100
96 113.5 73.7 110.5#



#6
Chloroethane
Concen: Below Cal
RT: 3.035 min Scan# 390
Delta R.T. 0.030 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion: 64 Resp: 26
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

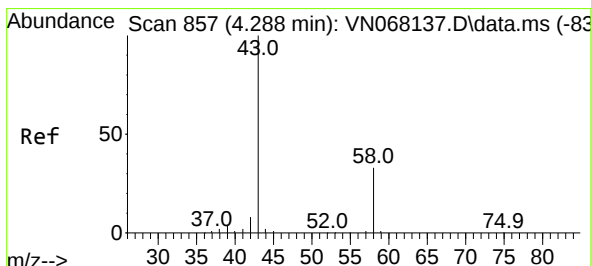
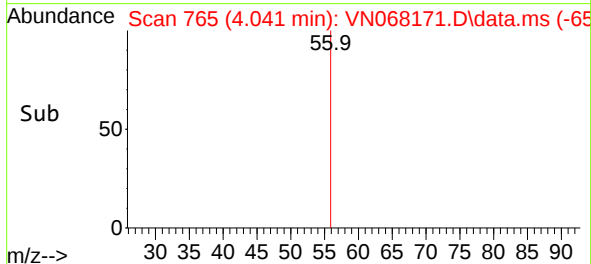
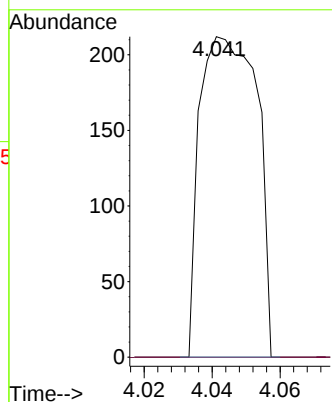
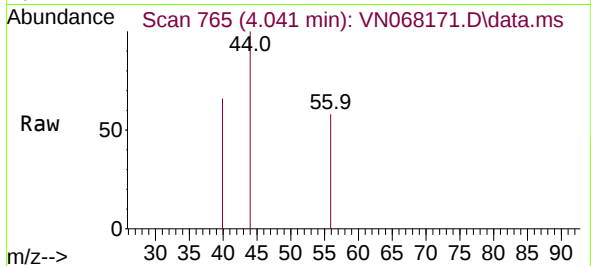




#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

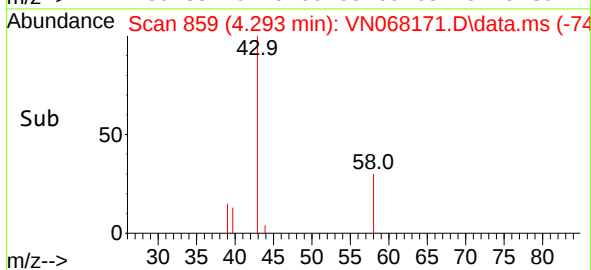
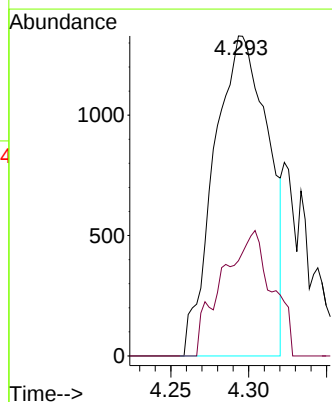
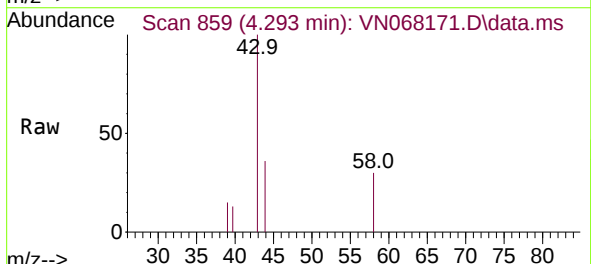
Instrument :
MSVOA_N
ClientSampleId :
MW-3

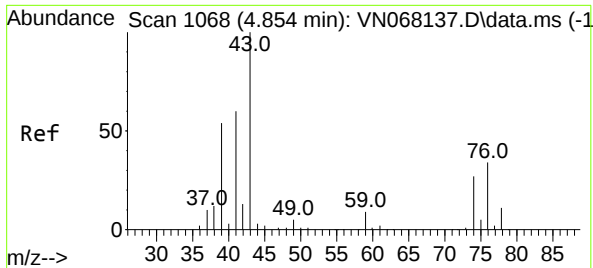
Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: 2.612 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
58 29.7 21.2 31.8

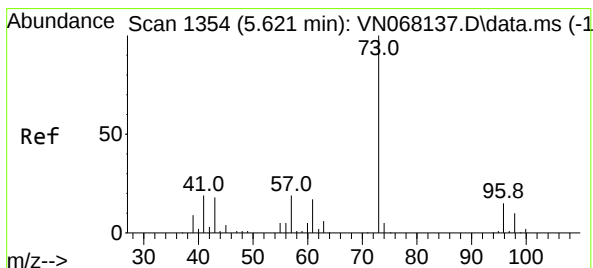
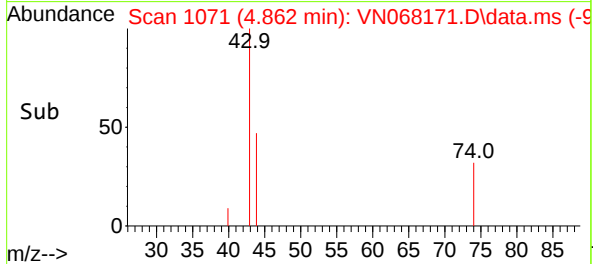
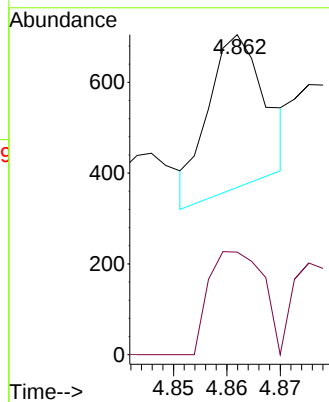
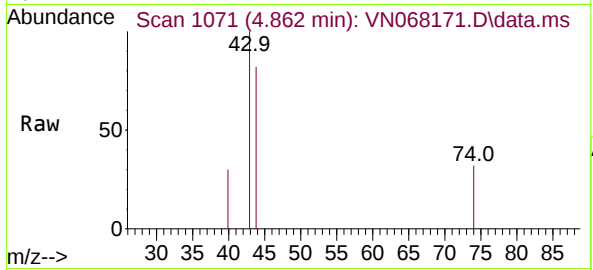




#18
Methyl Acetate
Concen: Below Cal
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

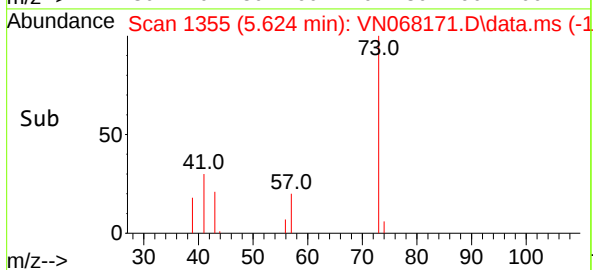
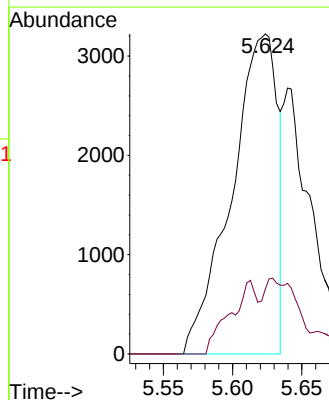
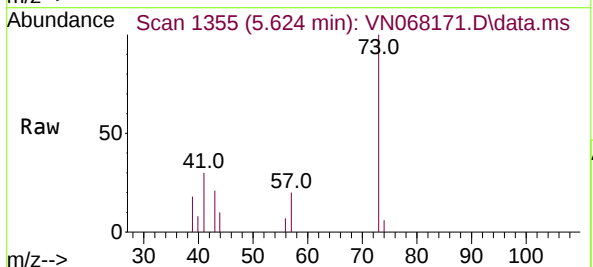
Instrument :
MSVOA_N
ClientSampled :
MW-3

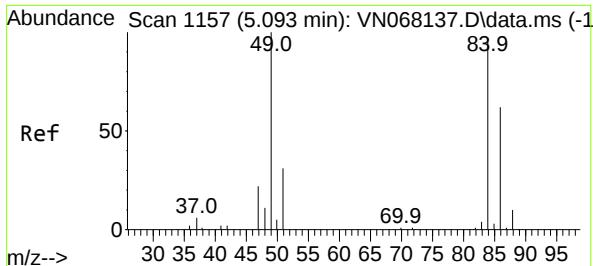
Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
74 63.5 17.4 26.0#



#19
Methyl tert-butyl Ether
Concen: 0.722 ug/l
RT: 5.624 min Scan# 1355
Delta R.T. 0.003 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion: 73 Resp: 7434
Ion Ratio Lower Upper
73 100
57 20.3 17.0 25.6





#20

Methylene Chloride

Concen: Below Cal

RT: 5.085 min Scan# 1154

Delta R.T. -0.008 min

Lab File: VN068171.D

Acq: 18 Aug 2021 3:55

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tgt Ion: 84 Resp: 859

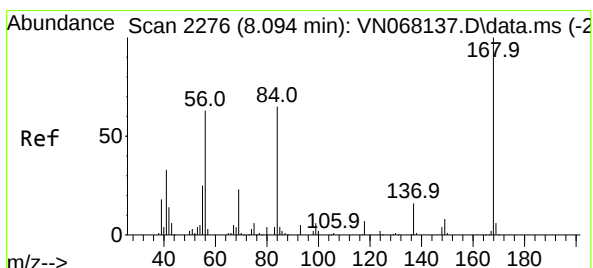
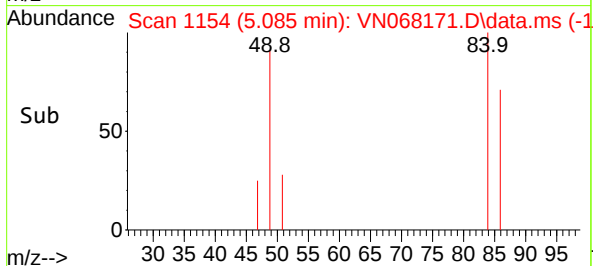
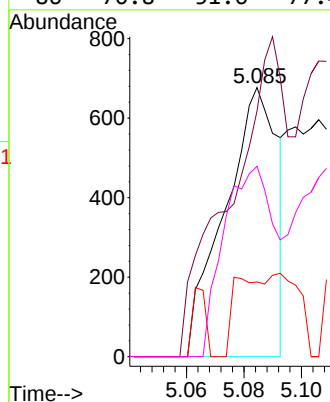
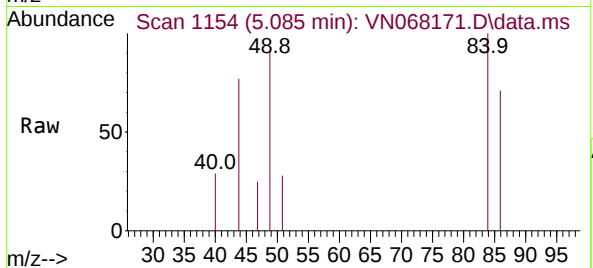
Ion Ratio Lower Upper

84 100

49 91.3 110.9 166.3#

51 27.8 32.6 49.0#

86 70.8 51.6 77.4



#31

Cyclohexane

Concen: 1.253 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN068171.D

Acq: 18 Aug 2021 3:55

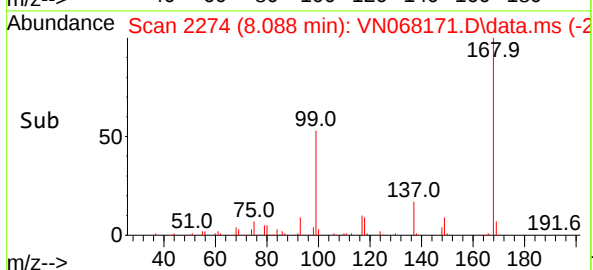
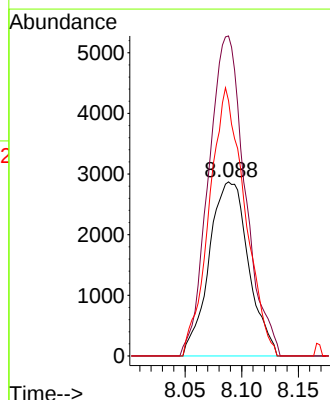
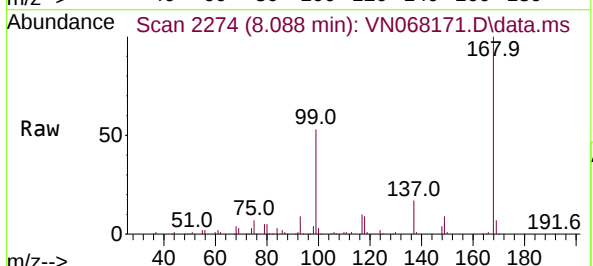
Tgt Ion: 56 Resp: 6940

Ion Ratio Lower Upper

56 100

69 183.9 27.3 40.9#

84 146.7 64.9 97.3#



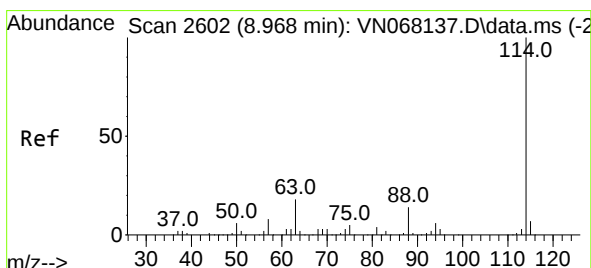
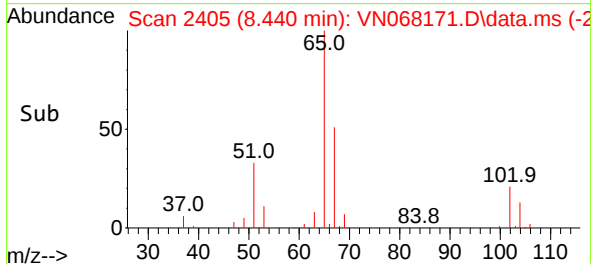
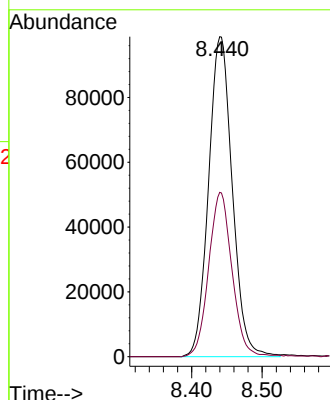
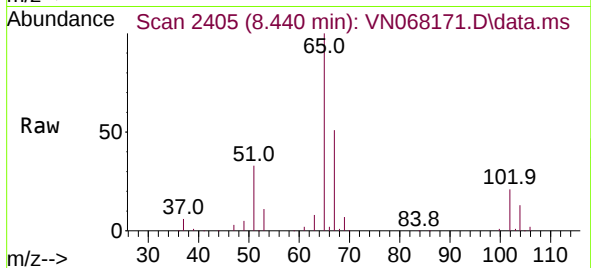


#33

1,2-Dichloroethane-d4
Concen: 54.829 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Instrument :
MSVOA_N
ClientSampled :
MW-3

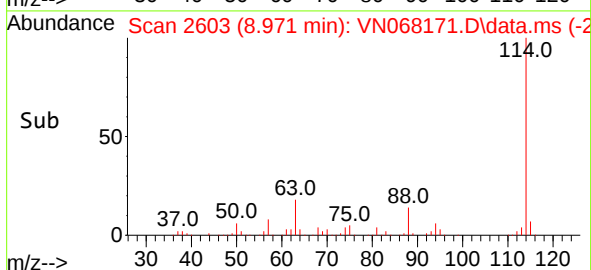
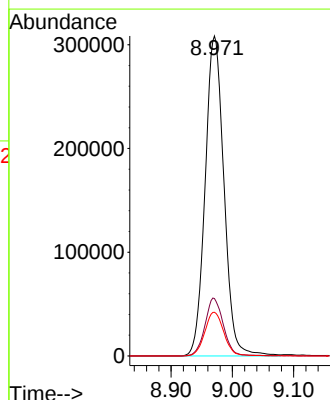
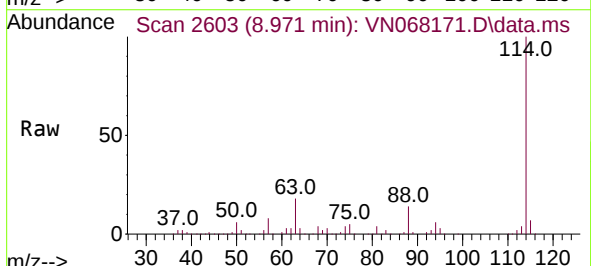
Tgt Ion: 65 Resp: 230543
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6

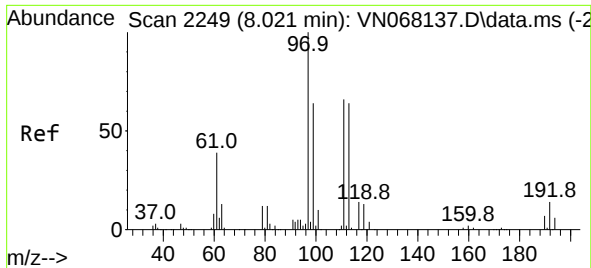


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion: 114 Resp: 659080
Ion Ratio Lower Upper
114 100
63 17.9 0.0 49.0
88 13.7 0.0 36.6

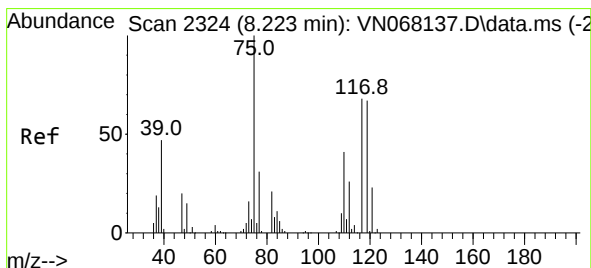
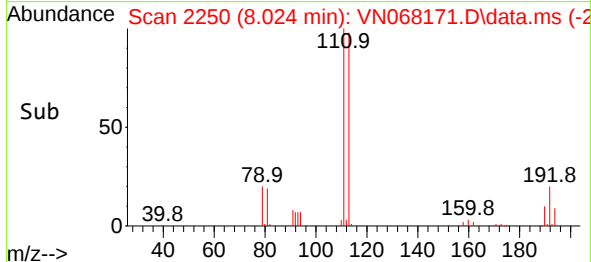
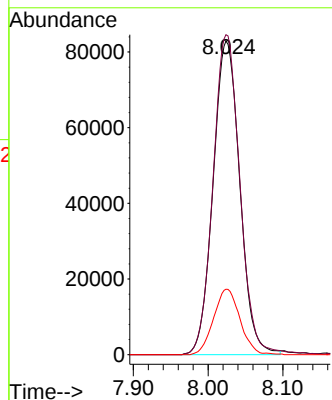
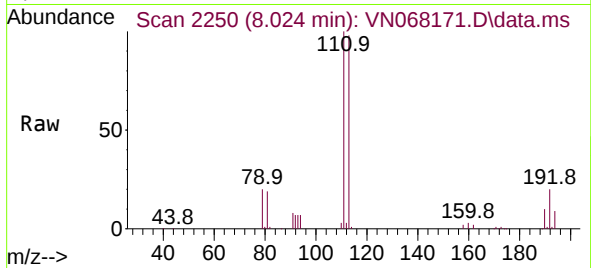




#35
Dibromofluoromethane
Concen: 49.666 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

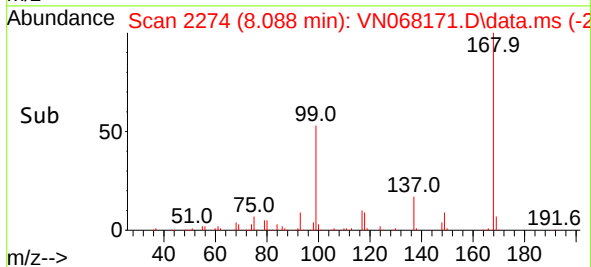
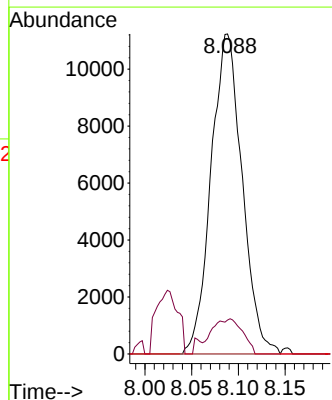
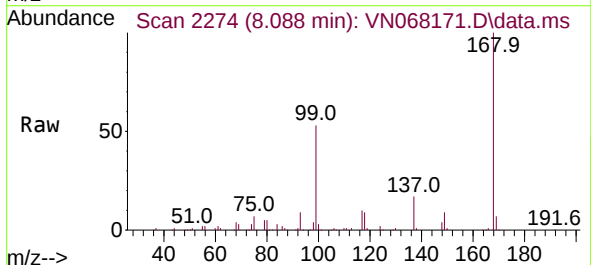
Instrument :
MSVOA_N
ClientSampled :
MW-3

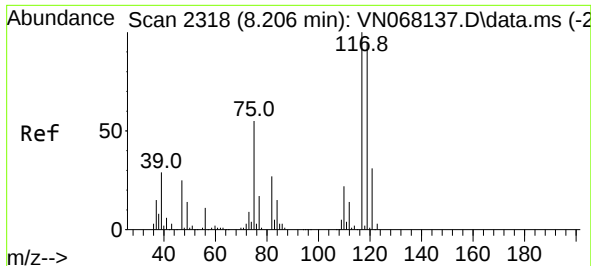
Tgt Ion:113 Resp: 205514
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.8
192 20.6 13.4 20.0#



#36
1,1-Dichloropropene
Concen: 4.828 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion: 75 Resp: 26011
Ion Ratio Lower Upper
75 100
110 10.7 15.7 47.0#
77 0.0 24.6 37.0#

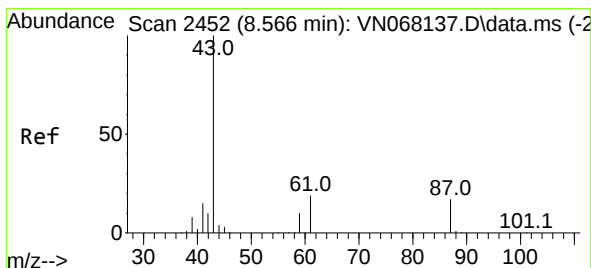
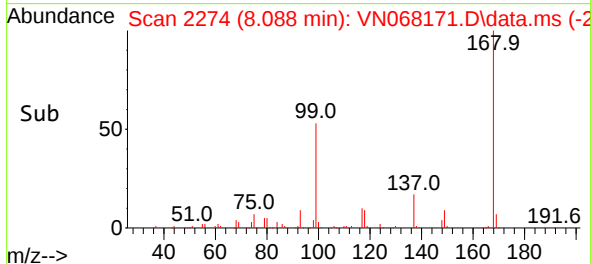
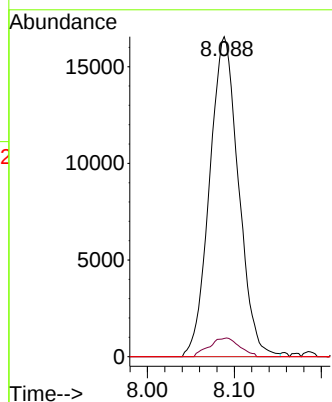
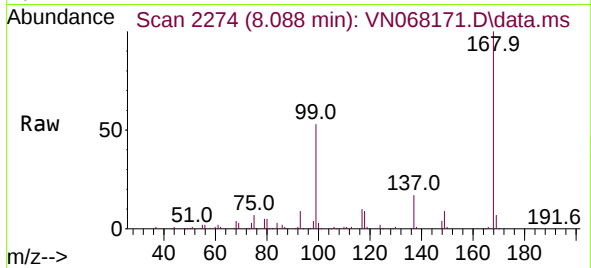




#38
Carbon Tetrachloride
Concen: 6.161 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

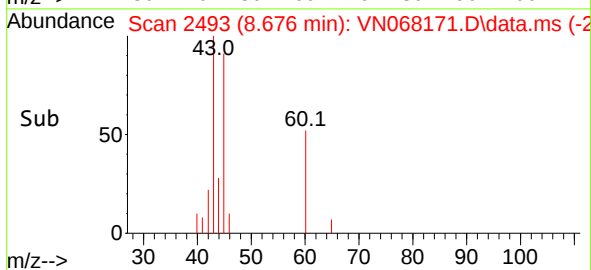
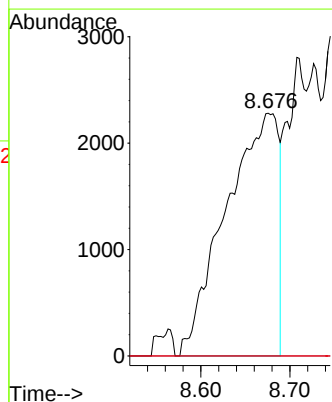
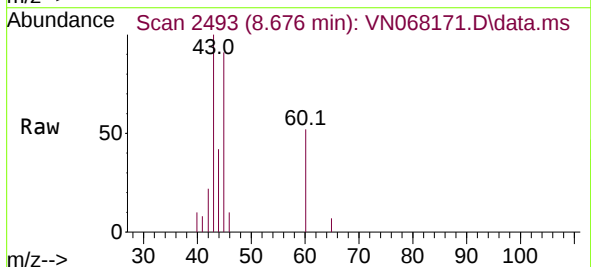
Instrument :
MSVOA_N
ClientSampled :
MW-3

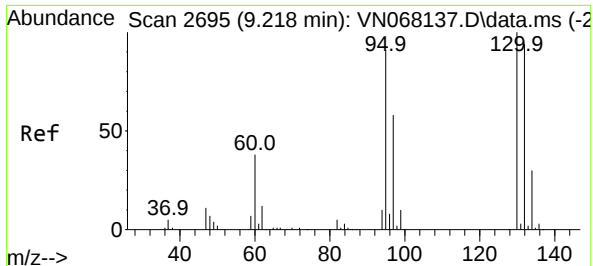
Tgt Ion:117 Resp: 38284
Ion Ratio Lower Upper
117 100
119 5.7 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 1.275 ug/l
RT: 8.676 min Scan# 2493
Delta R.T. 0.110 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion: 43 Resp: 9377
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

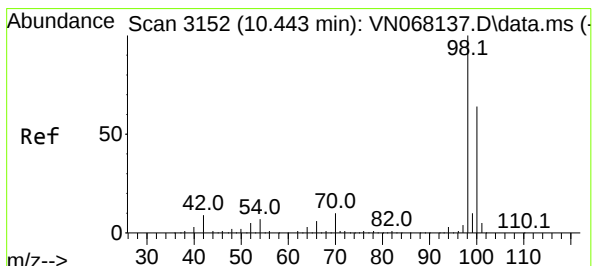
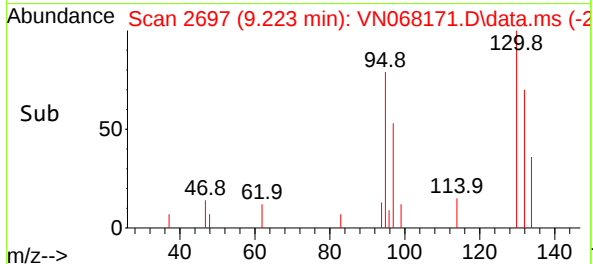
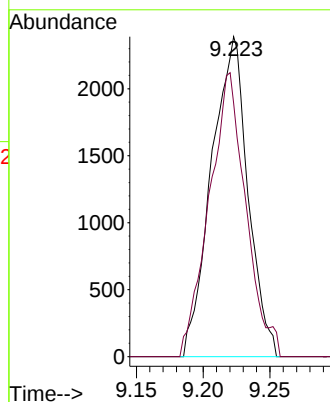
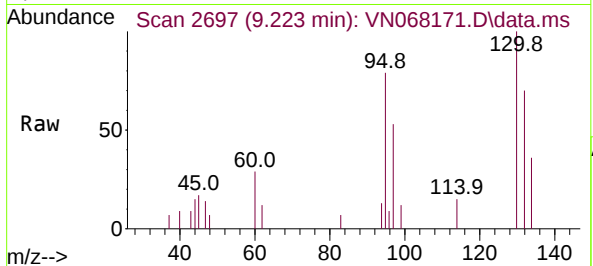




#44
Trichloroethene
Concen: 0.918 ug/l
RT: 9.223 min Scan# 2697
Delta R.T. 0.005 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

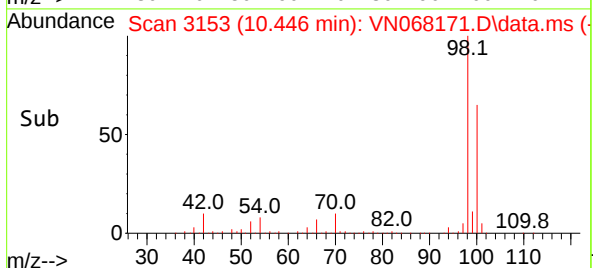
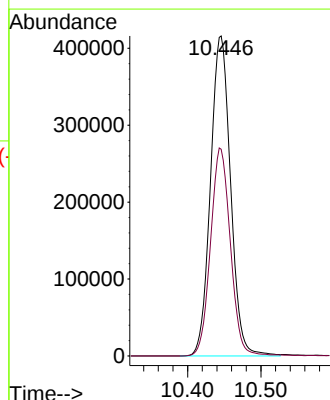
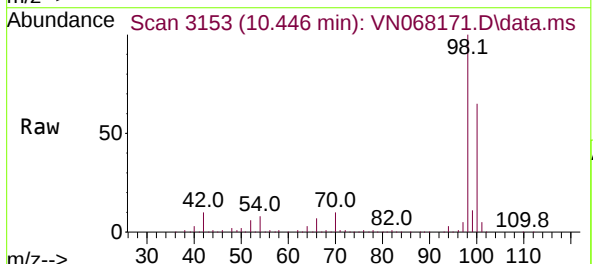
Instrument :
MSVOA_N
ClientSampled :
MW-3

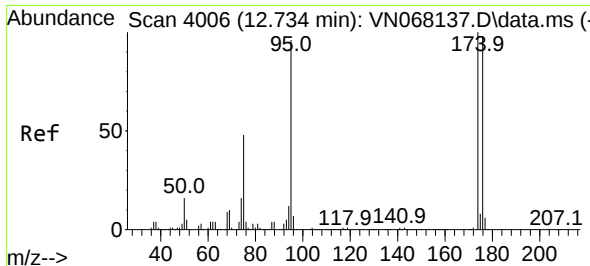
Tgt Ion:130 Resp: 4540
Ion Ratio Lower Upper
130 100
95 79.2 0.0 234.4



#50
Toluene-d8
Concen: 50.238 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion: 98 Resp: 792098
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

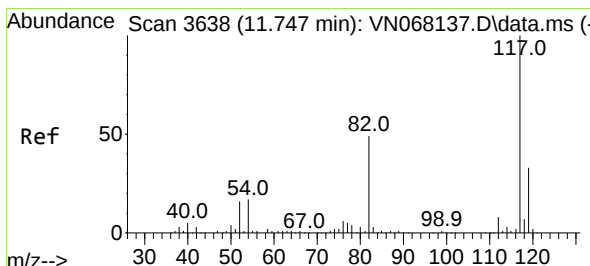
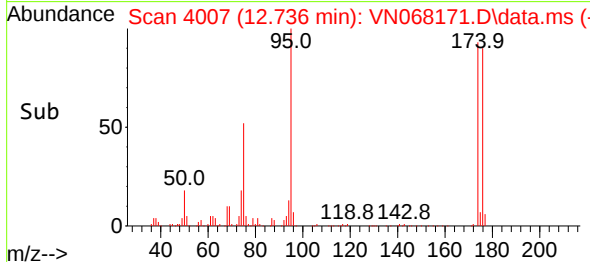
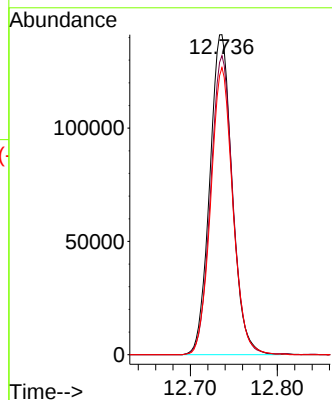
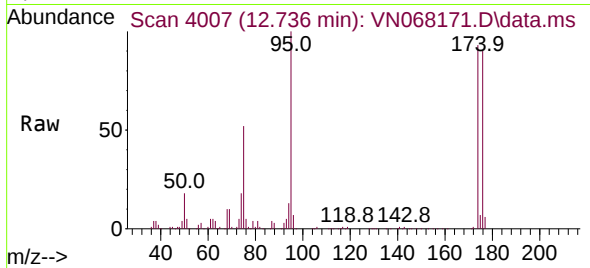




#62
4-Bromofluorobenzene
Concen: 48.252 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

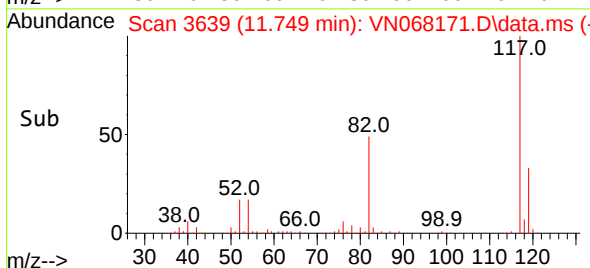
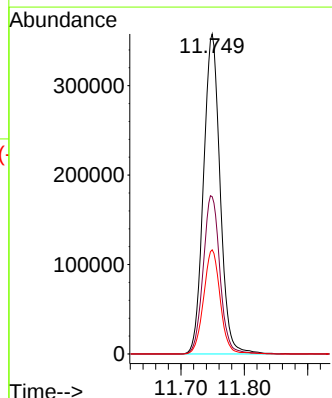
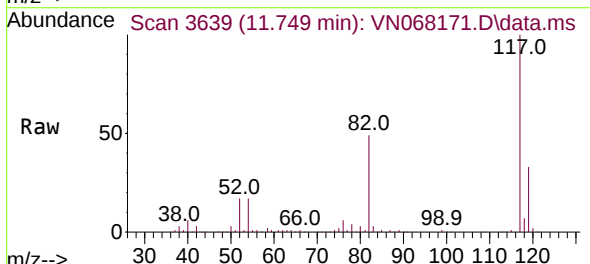
Instrument :
MSVOA_N
ClientSampled :
MW-3

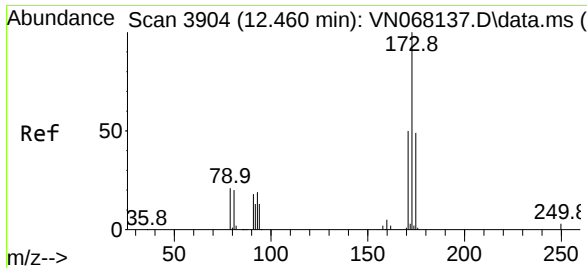
Tgt Ion:	95	Resp:	253262
Ion Ratio	Lower	Upper	
95	100		
174	92.7	0.0	122.0
176	88.4	0.0	117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion:	117	Resp:	650213
Ion Ratio	Lower	Upper	
117	100		
82	49.1	53.1	79.7#
119	32.5	25.5	38.3

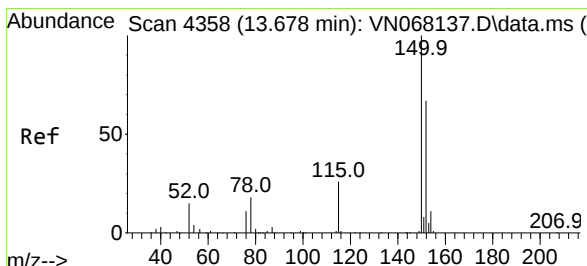
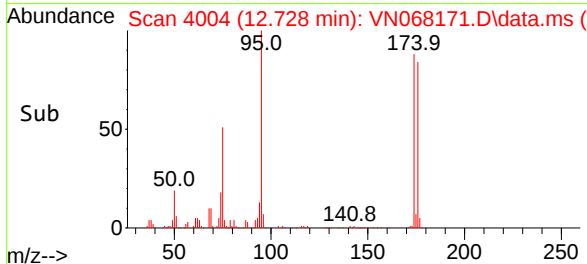
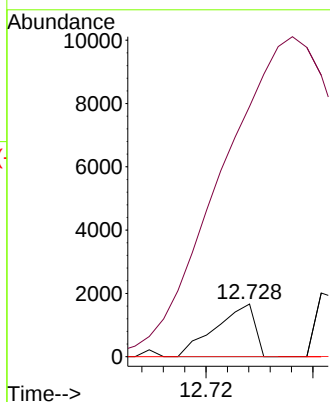
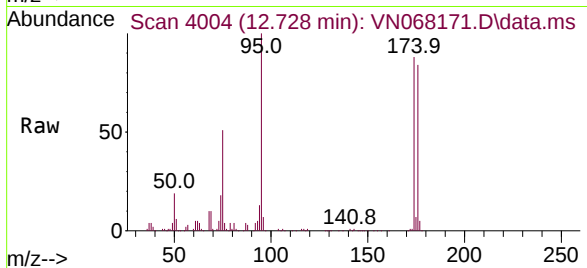




#71
Bromoform
Concen: 0.211 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.268 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

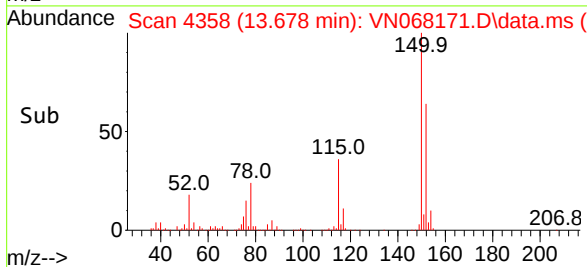
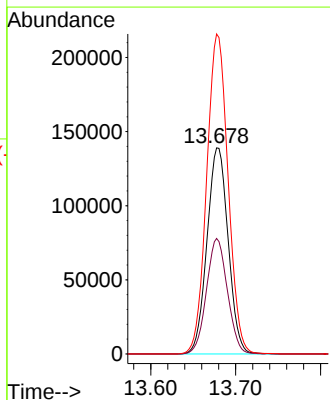
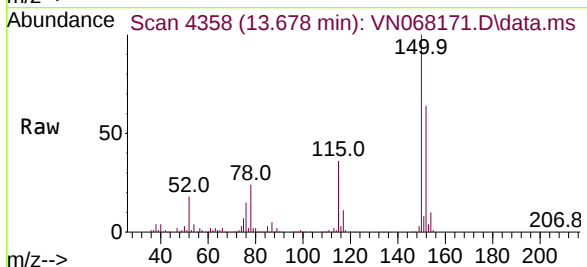
Instrument :
MSVOA_N
ClientSampled :
MW-3

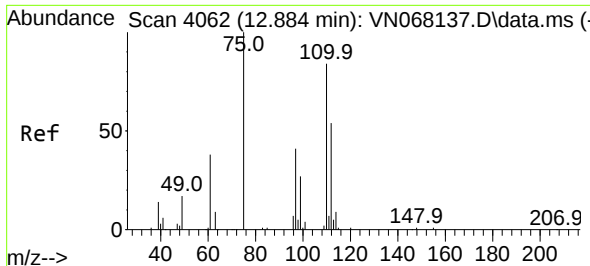
Tgt Ion:173 Resp: 849
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion:152 Resp: 240562
Ion Ratio Lower Upper
152 100
115 55.4 36.1 108.5
150 156.8 0.0 351.8

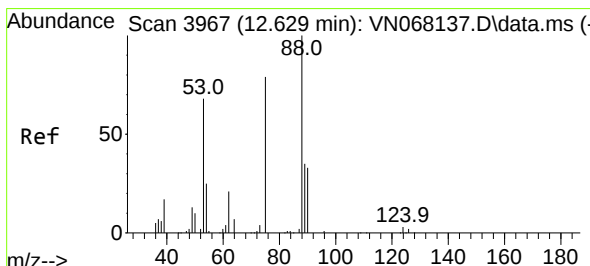
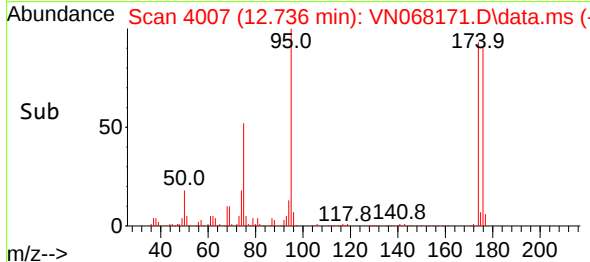
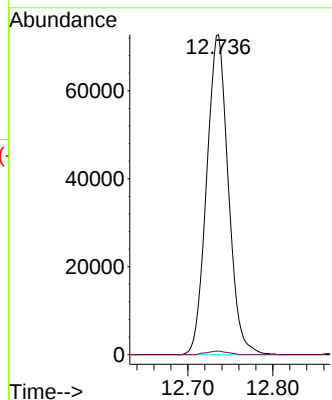
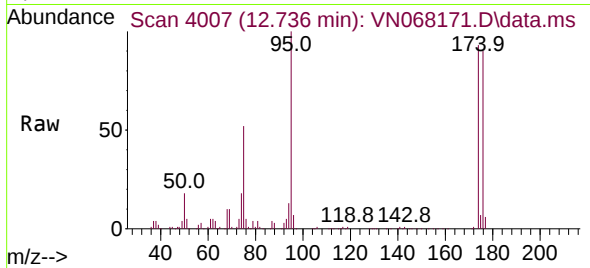




#76
1,2,3-Trichloropropane
Concen: 32.227 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

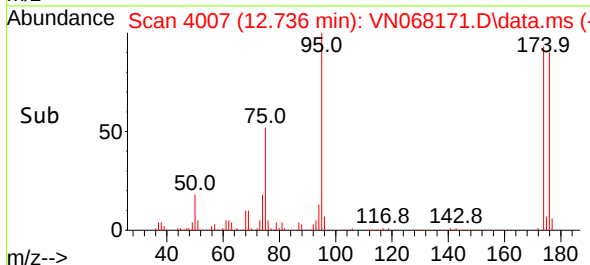
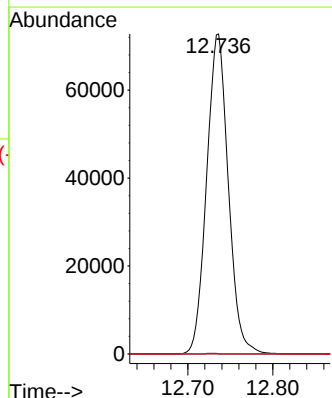
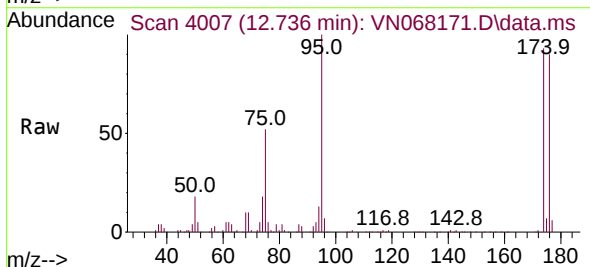
Instrument :
MSVOA_N
ClientSampled :
MW-3

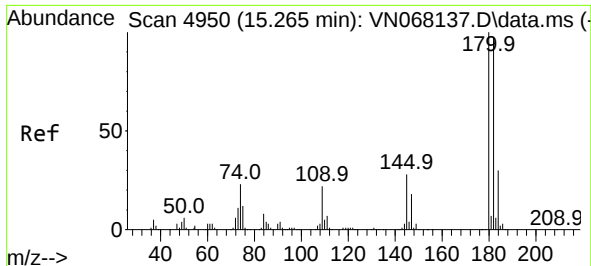
Tgt Ion: 75 Resp: 128856
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.581 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

Tgt Ion: 75 Resp: 128856
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#

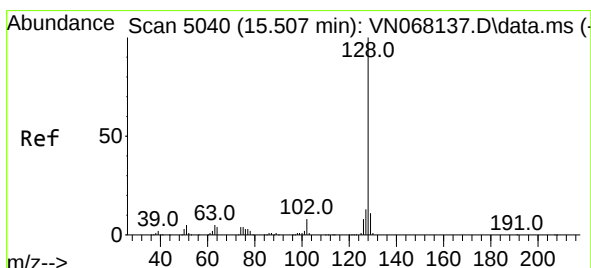
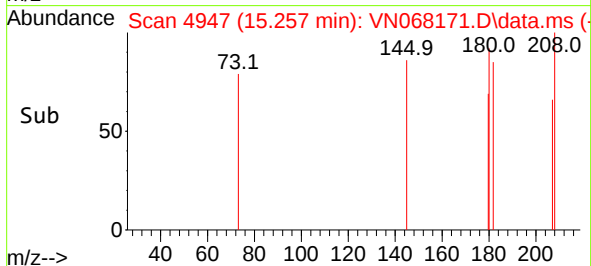
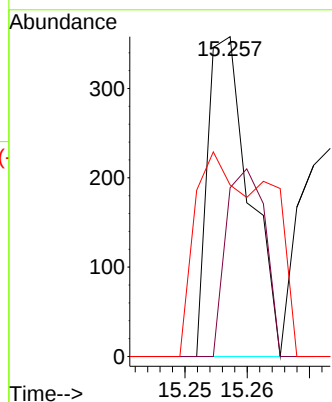
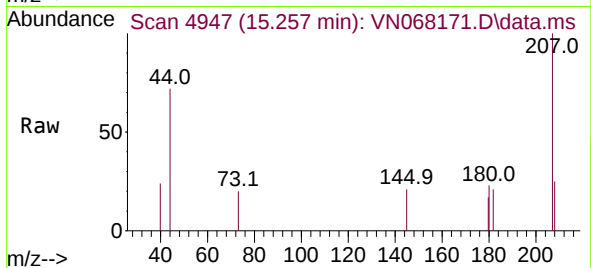




#93
1,2,4-Trichlorobenzene
Concen: 2.724 ug/l
RT: 15.257 min Scan# 4947
Delta R.T. -0.008 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

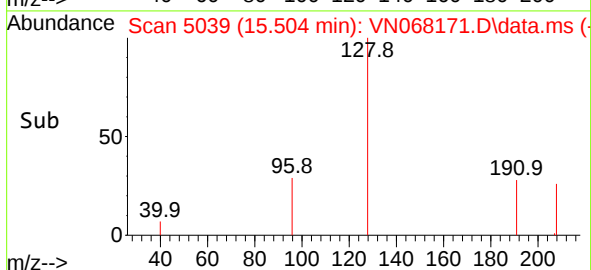
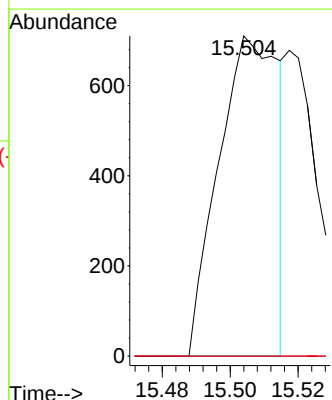
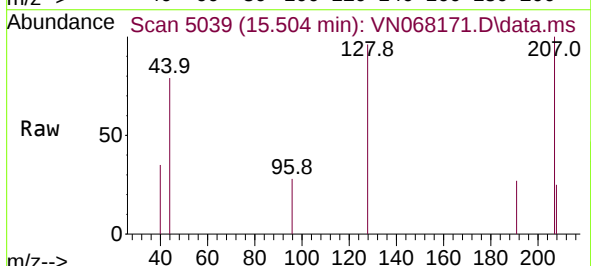
Instrument :
MSVOA_N
ClientSampled :
MW-3

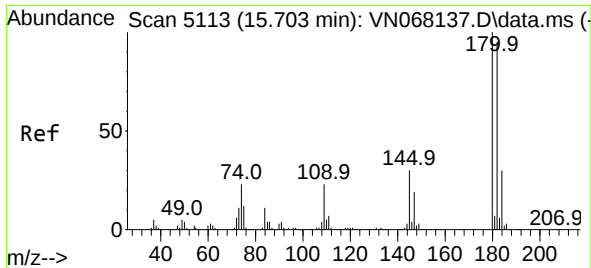
Tgt Ion:180 Resp: 166
Ion Ratio Lower Upper
180 100
182 55.4 47.5 142.5
145 113.3 17.2 51.6#



#95
Naphthalene
Concen: 3.430 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN068171.D
Acq: 18 Aug 2021 3:55

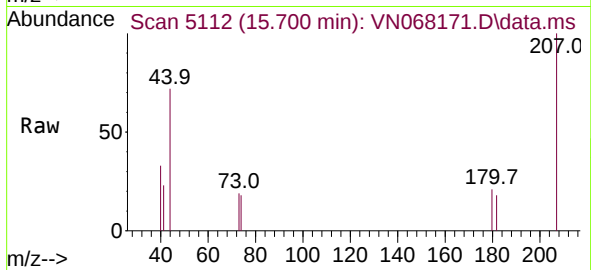
Tgt Ion:128 Resp: 863
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.873 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.003 min
 Lab File: VN068171.D
 Acq: 18 Aug 2021 3:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3



Tgt Ion:	180	Resp:	169
Ion	Ratio	Lower	Upper
180	100		
182	116.6	47.8	143.3
145	0.0	18.2	54.6#

