

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072955.D
 Acq On : 20 Jun 2022 12:39
 Operator : JC\MD
 Sample : N3357-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1MS

Quant Time: Jun 21 05:54:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

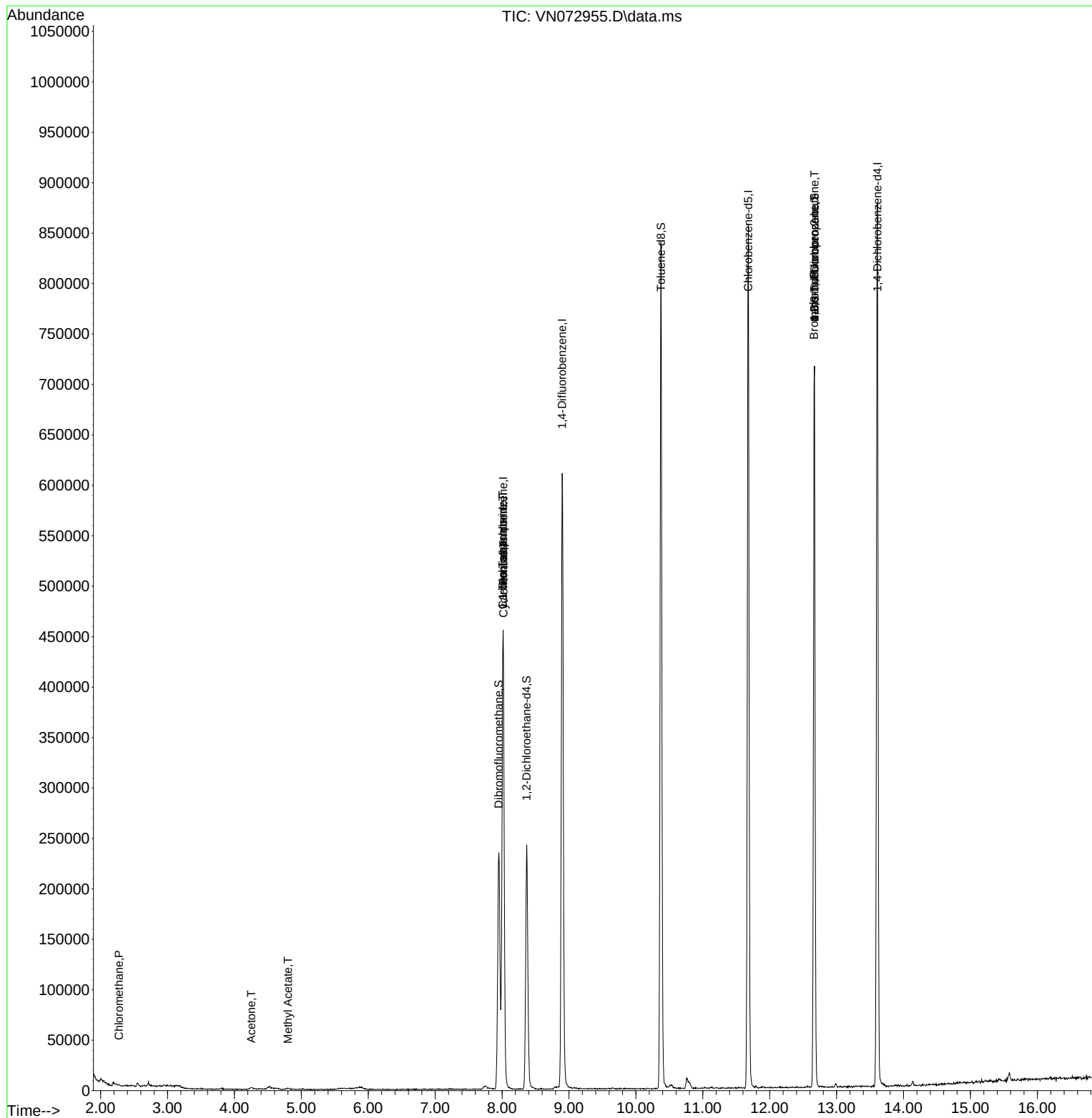
Internal Standards						
1) Pentafluorobenzene	8.016	168	350492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	555026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	497874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	243748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	203144	42.870	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.740%
35) Dibromofluoromethane	7.951	113	177217	51.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.320%
50) Toluene-d8	10.374	98	572270	44.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.668	95	254839	55.518	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.040%
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	506	0.709	ug/l #	78
16) Acetone	4.251	43	2948	1.132	ug/l	99
18) Methyl Acetate	4.798	43	2615	0.377	ug/l #	75
20) Methylene Chloride	5.028	84	200	Below Cal	#	12
31) Cyclohexane	8.022	56	7789	1.215	ug/l #	36
36) 1,1-Dichloropropene	8.010	75	27087	5.835	ug/l #	49
38) Carbon Tetrachloride	8.010	117	35759	7.324	ug/l #	16
71) Bromoform	12.663	173	971	0.348	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	128384	21.724	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	128384	58.670	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.568	75	70	Below Cal	#	1

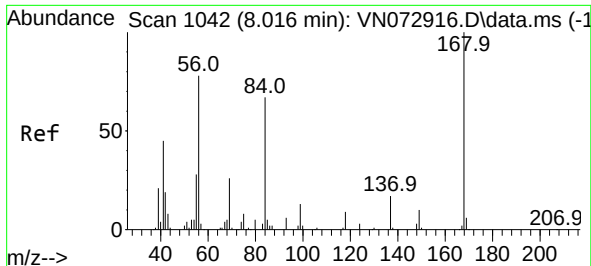
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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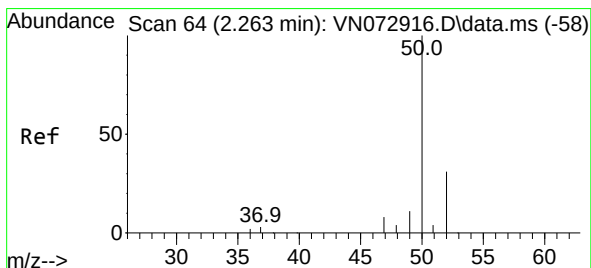
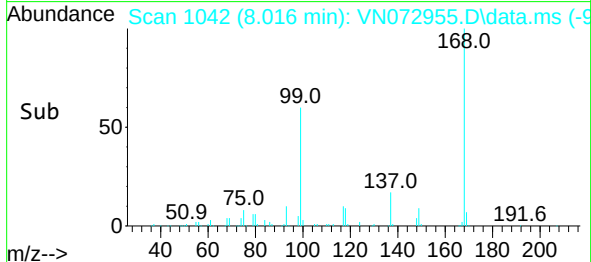
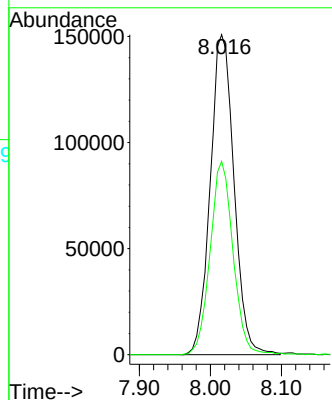
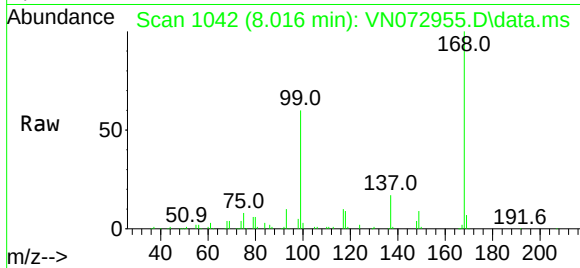




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

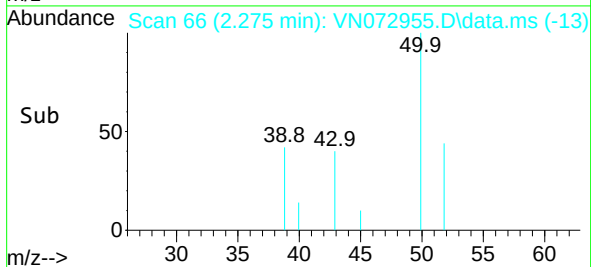
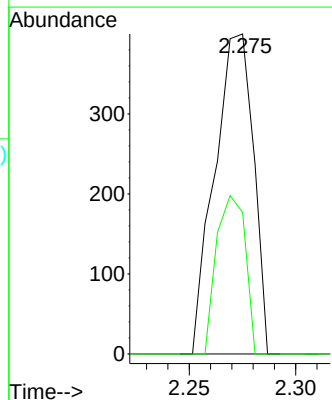
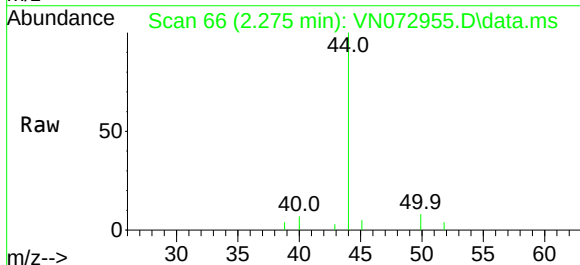
Instrument :
MSVOA_N
ClientSampleId :
MW-1MS

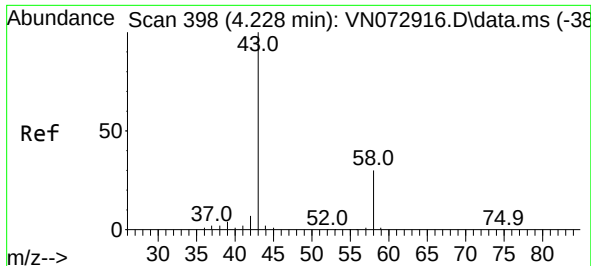
Tgt Ion:168 Resp: 350492
Ion Ratio Lower Upper
168 100
99 60.4 42.3 63.5



#3
Chloromethane
Concen: 0.709 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

Tgt Ion: 50 Resp: 506
Ion Ratio Lower Upper
50 100
52 44.2 25.7 38.5#





#16

Acetone

Concen: 1.132 ug/l

RT: 4.251 min Scan# 402

Delta R.T. 0.024 min

Lab File: VN072955.D

Acq: 20 Jun 2022 12:39

Instrument :

MSVOA_N

ClientSampleId :

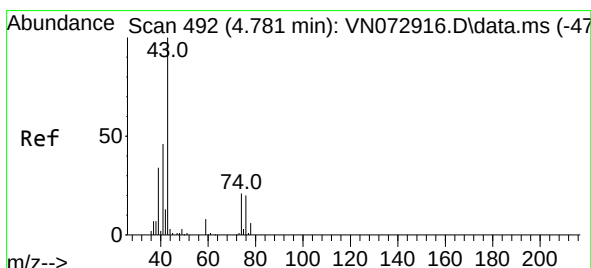
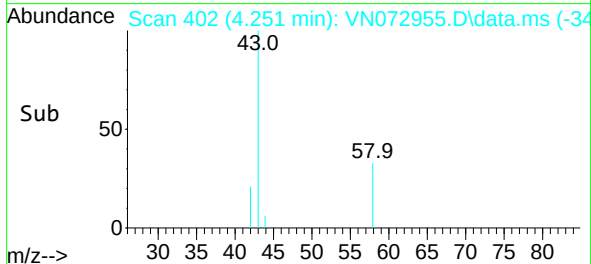
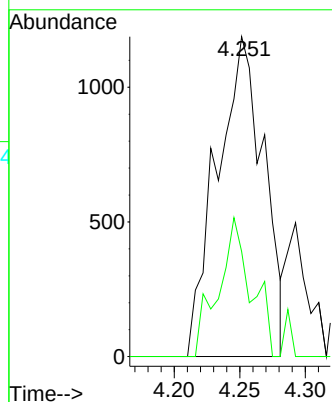
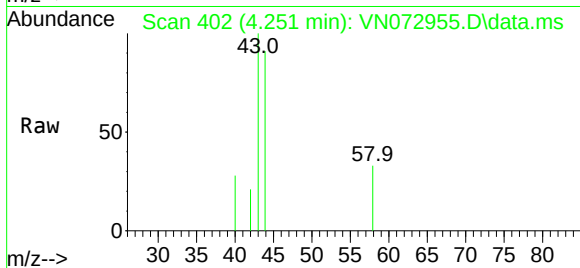
MW-1MS

Tgt Ion: 43 Resp: 2948

Ion Ratio Lower Upper

43 100

58 32.8 26.0 39.0



#18

Methyl Acetate

Concen: 0.377 ug/l

RT: 4.798 min Scan# 495

Delta R.T. 0.018 min

Lab File: VN072955.D

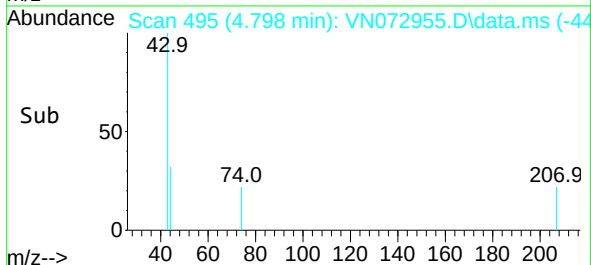
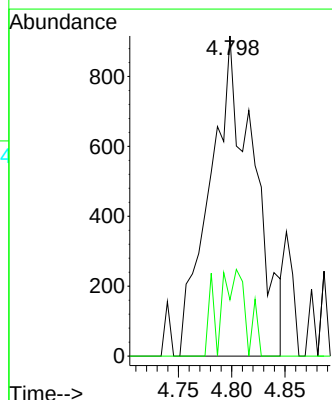
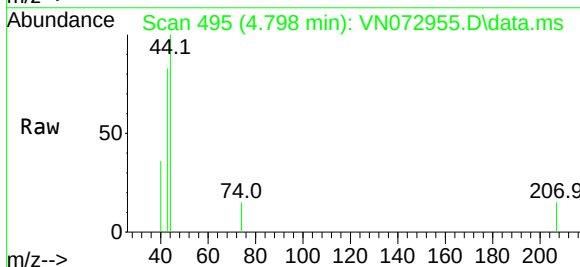
Acq: 20 Jun 2022 12:39

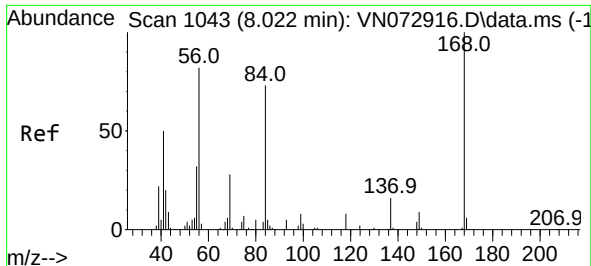
Tgt Ion: 43 Resp: 2615

Ion Ratio Lower Upper

43 100

74 13.8 21.6 32.4#

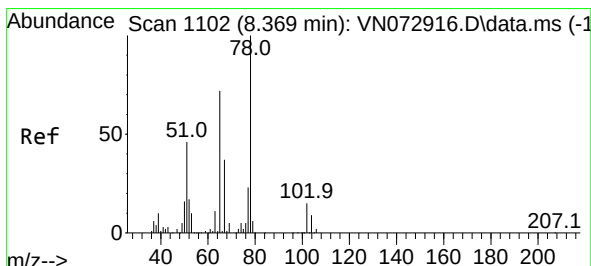
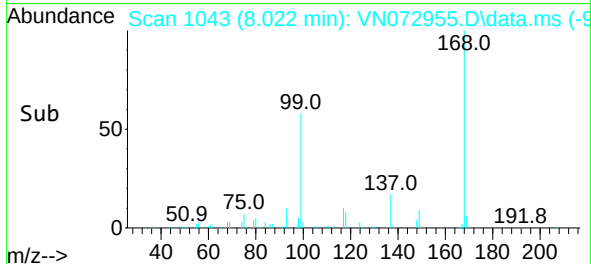
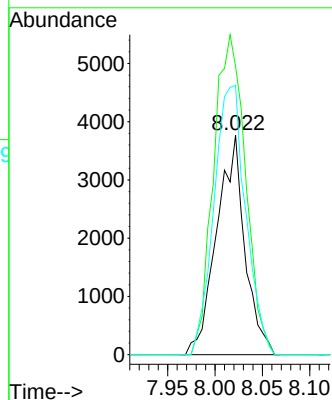
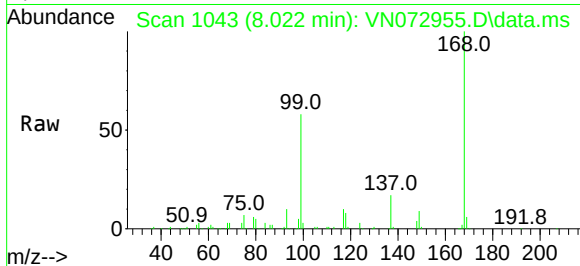




#31
Cyclohexane
Concen: 1.215 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

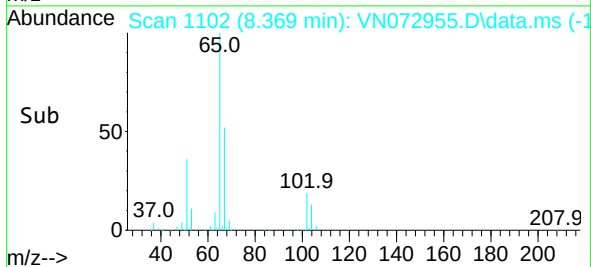
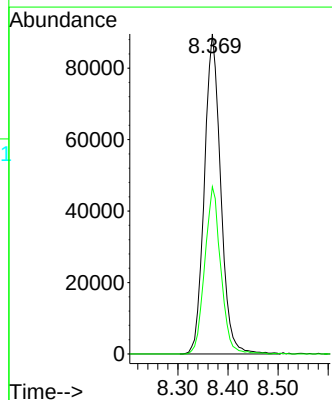
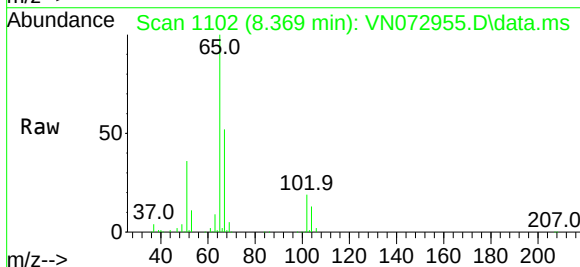
Instrument :
MSVOA_N
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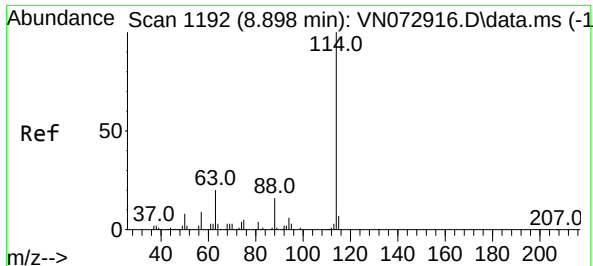
Tgt Ion: 56 Resp: 7789
Ion Ratio Lower Upper
56 100
69 131.4 27.8 41.8#
84 122.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 42.870 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

Tgt Ion: 65 Resp: 203144
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

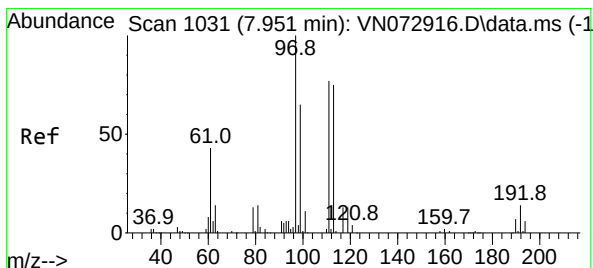
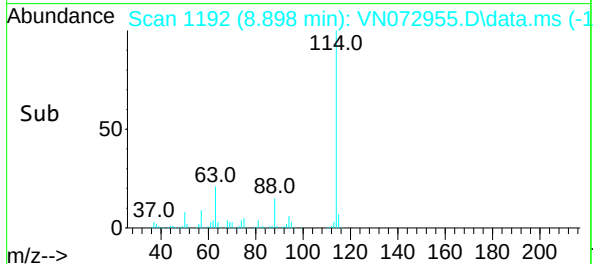
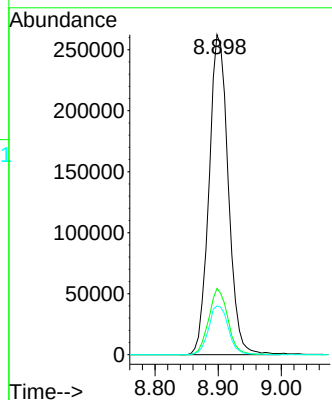
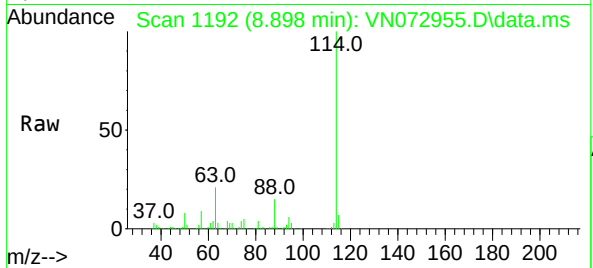




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

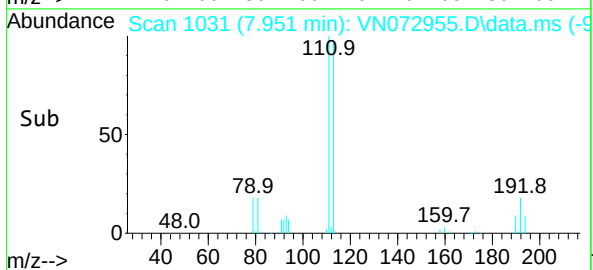
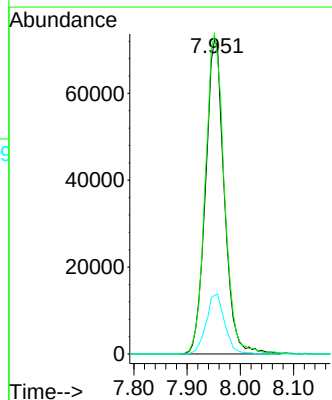
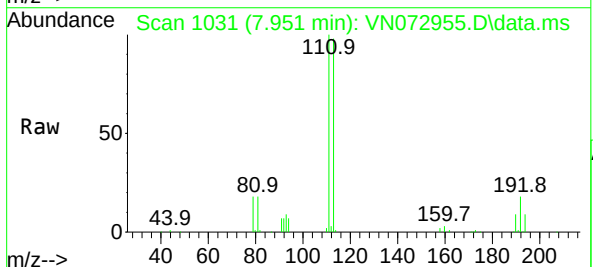
Instrument :
MSVOA_N
ClientSampleId :
MW-1MS

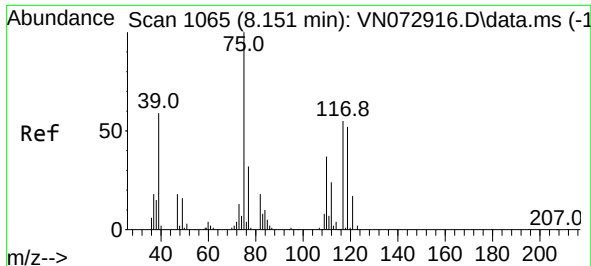
Tgt Ion:114 Resp: 555026
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.658 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

Tgt Ion:113 Resp: 177217
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.8 17.0 25.6

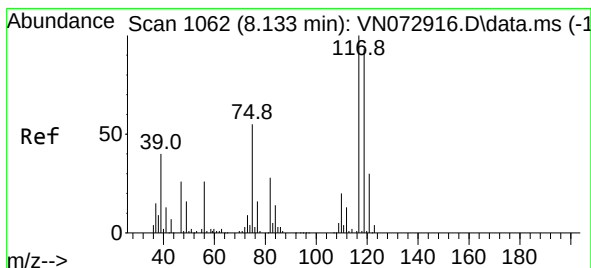
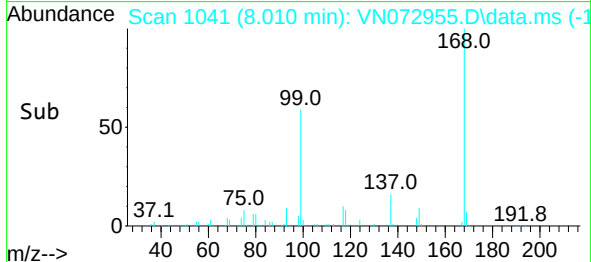
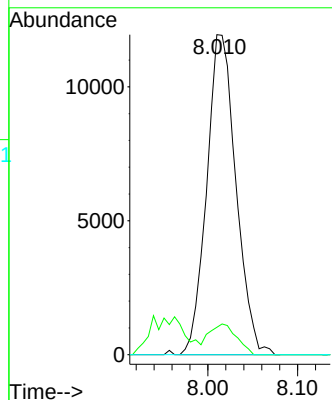
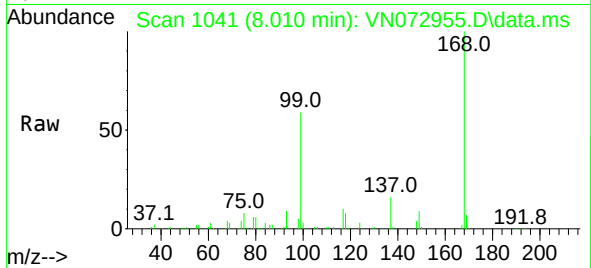




#36
1,1-Dichloropropene
Concen: 5.835 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

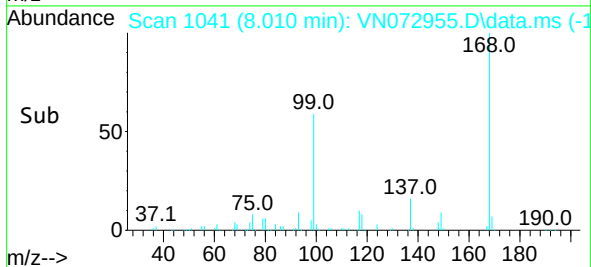
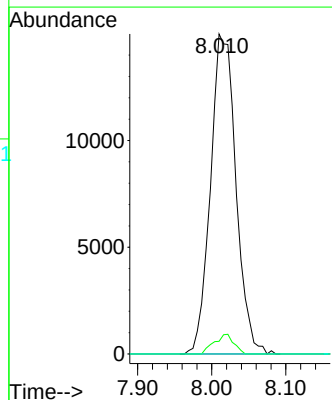
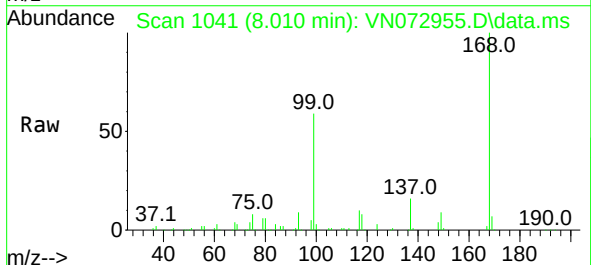
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ClientSampleId :
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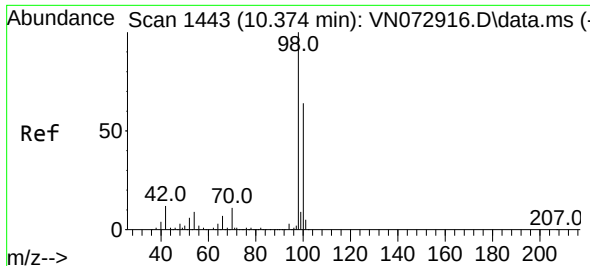
Tgt Ion: 75 Resp: 27087
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.324 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.123 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

Tgt Ion: 117 Resp: 35759
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#

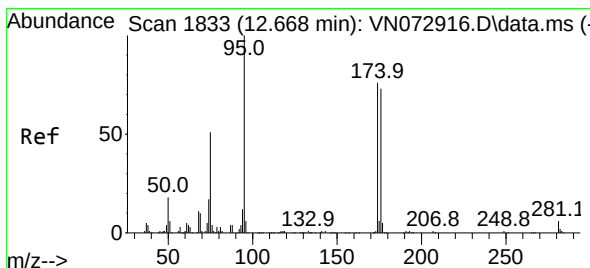
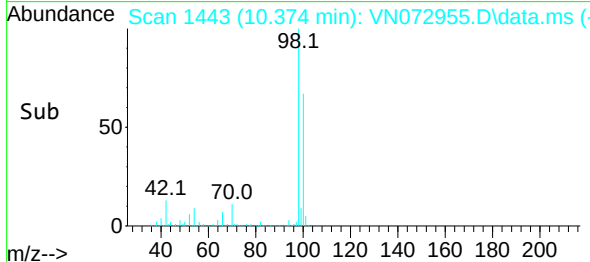
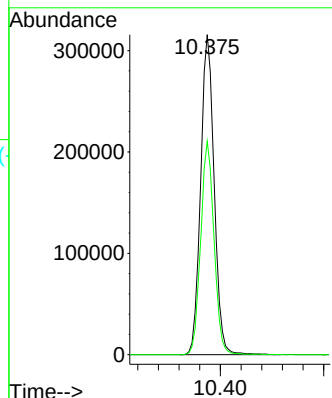
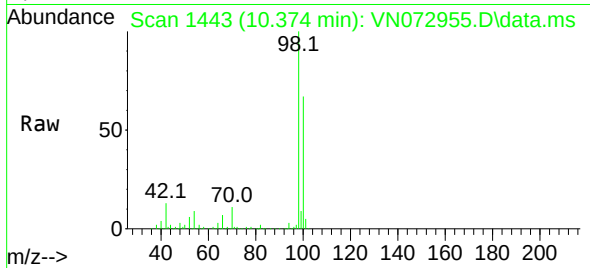




#50
Toluene-d8
Concen: 44.830 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

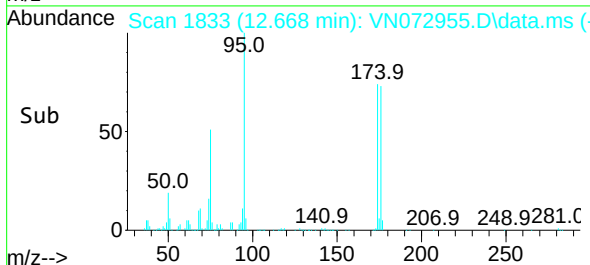
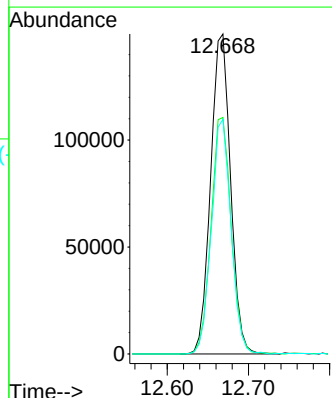
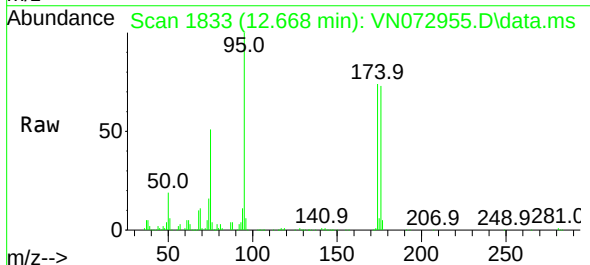
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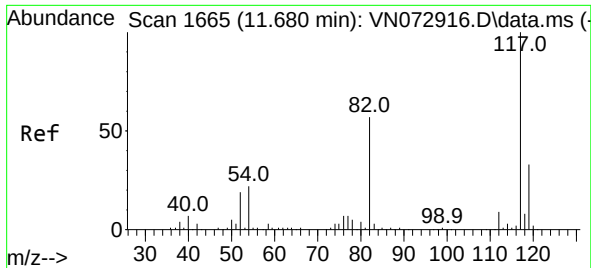
Tgt Ion: 98 Resp: 572270
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.518 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

Tgt Ion: 95 Resp: 254839
Ion Ratio Lower Upper
95 100
174 74.9 0.0 167.6
176 72.0 0.0 163.4

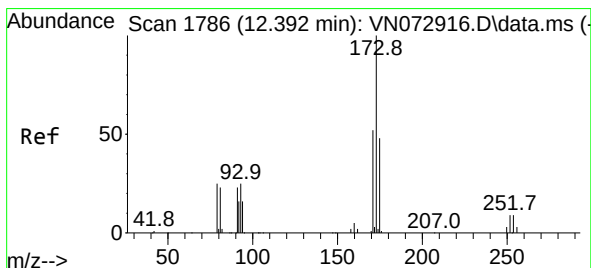
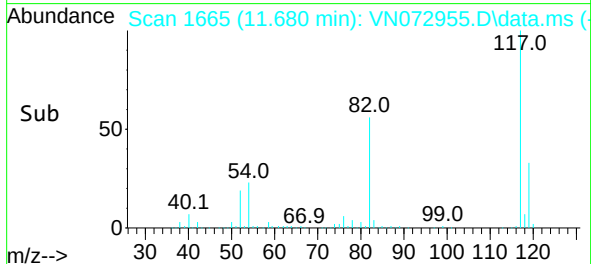
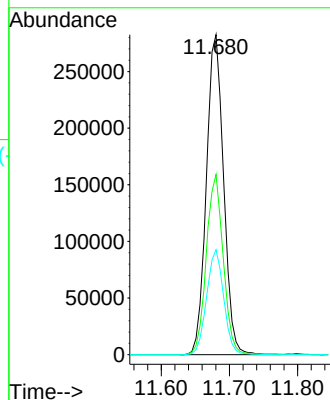
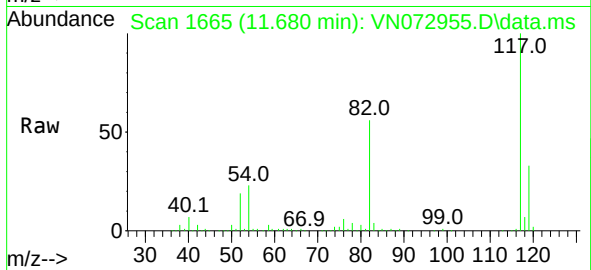




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

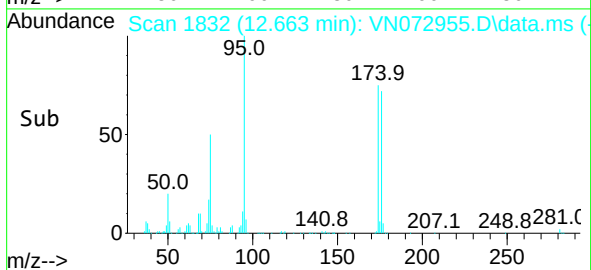
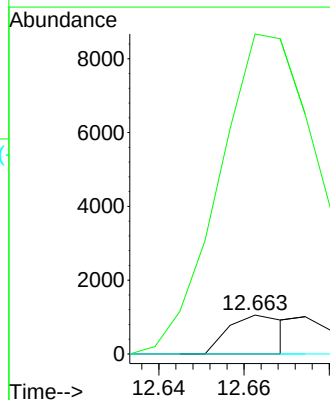
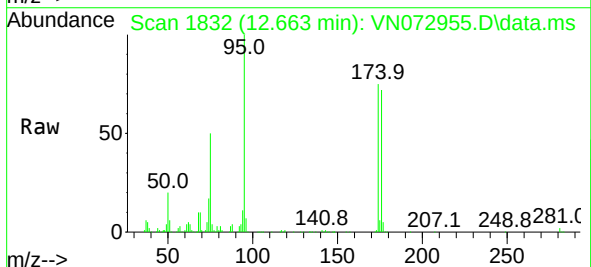
Instrument :
MSVOA_N
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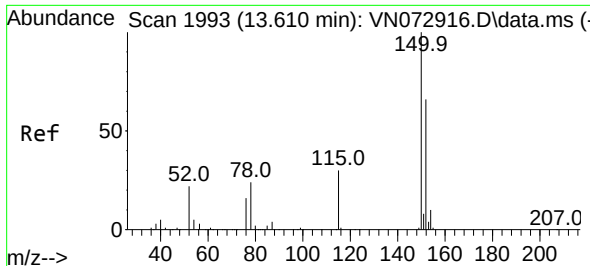
Tgt Ion:117 Resp: 497874
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 32.8 25.4 38.0



#71
Bromoform
Concen: 0.348 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

Tgt Ion:173 Resp: 971
Ion Ratio Lower Upper
173 100
175 1008.1 24.6 73.6#
254 0.0 0.1 0.1#

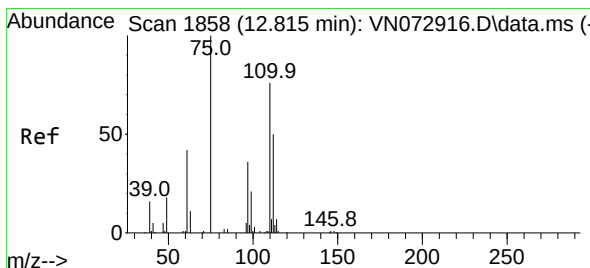
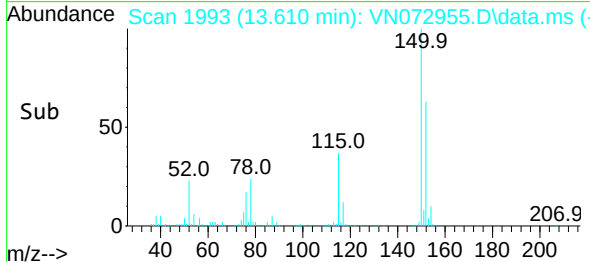
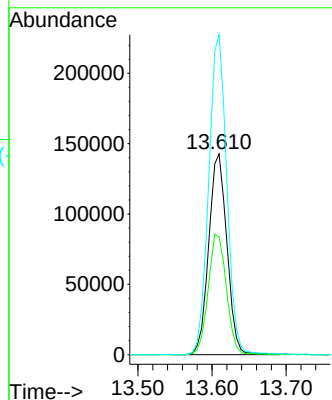
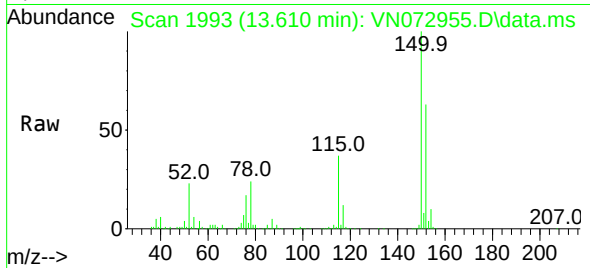




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

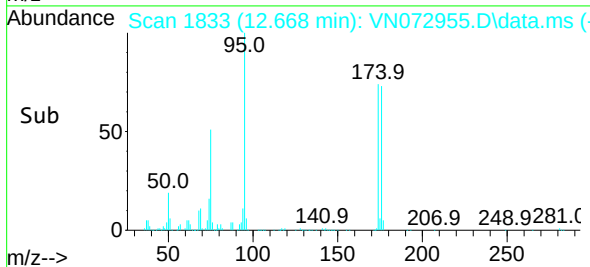
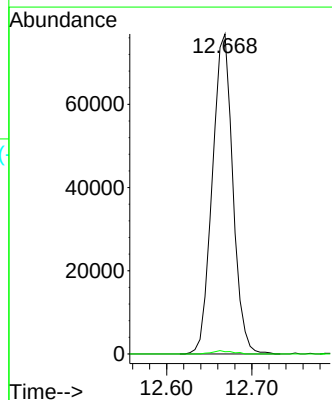
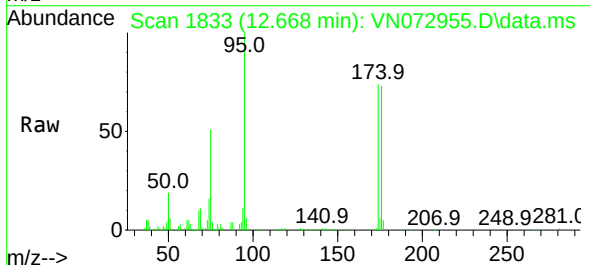
Instrument :
MSVOA_N
ClientSampleId :
MW-1MS

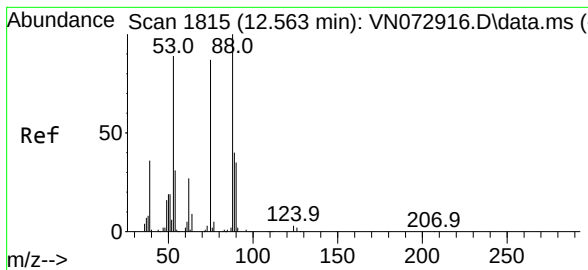
Tgt Ion:152 Resp: 243748
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 158.0 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 21.724 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN072955.D
Acq: 20 Jun 2022 12:39

Tgt Ion: 75 Resp: 128384
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.670 ug/l
 RT: 12.668 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN072955.D
 Acq: 20 Jun 2022 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1MS

Tgt Ion: 75 Resp: 128384
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

