

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092021\
 Data File : VN068572.D
 Acq On : 20 Sep 2021 22:32
 Operator : JC/MD
 Sample : M3781-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D-20210915RE

Quant Time: Sep 21 07:31:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

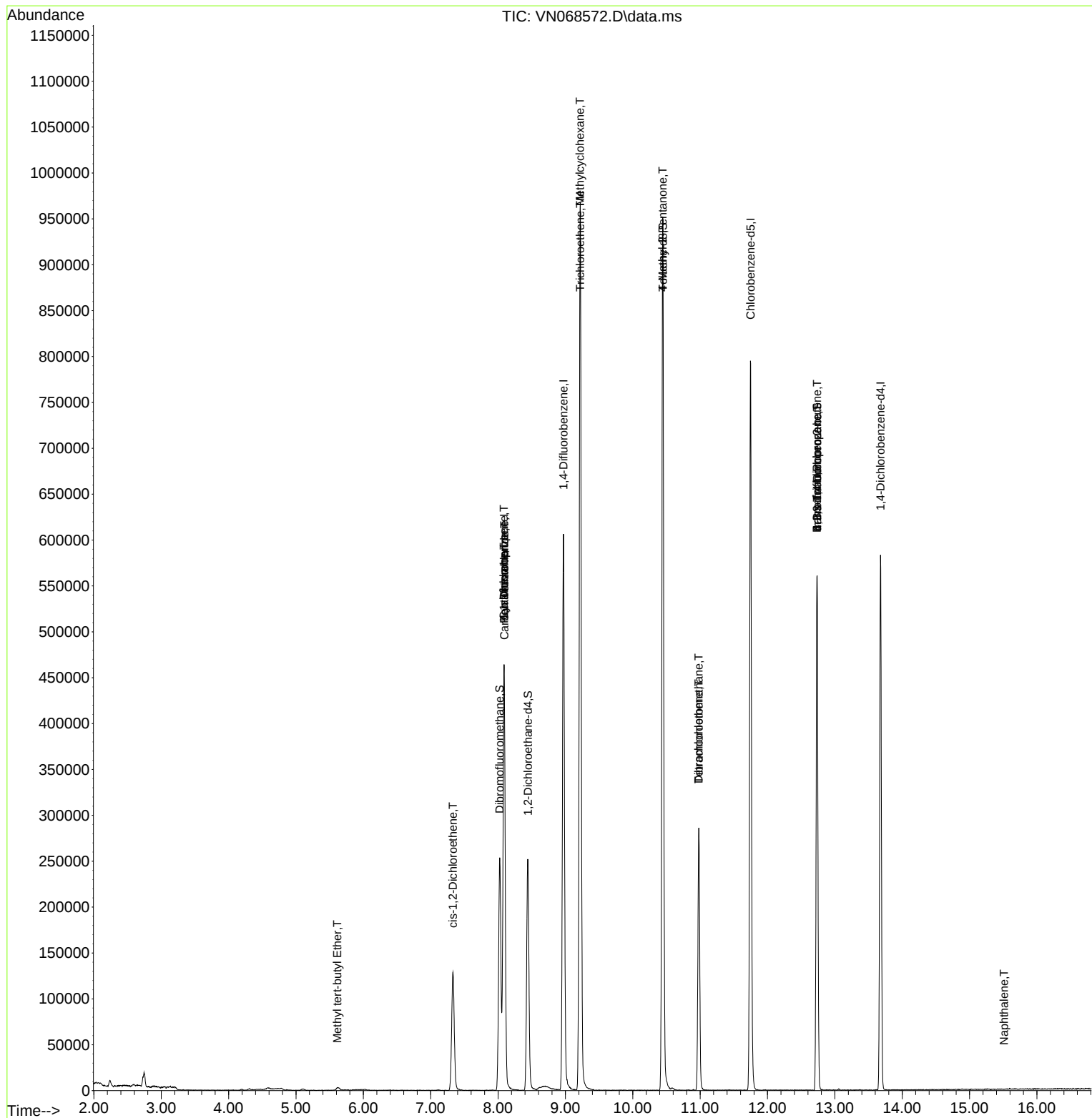
Internal Standards						
1) Pentafluorobenzene	8.091	168	373719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	573488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	508475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	168985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	214643	62.612	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 125.220%			
35) Dibromofluoromethane	8.024	113	188982	54.637	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.280%			
50) Toluene-d8	10.446	98	710965	50.109	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.736	95	198744	43.125	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.240%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	825	Below Cal	#	56
5) Bromomethane	2.877	94	1015	Below Cal	#	70
16) Acetone	4.293	43	1821	Below Cal	#	83
18) Methyl Acetate	4.867	43	487	Below Cal	#	55
19) Methyl tert-butyl Ether	5.613	73	2406	0.245	ug/l	98
20) Methylene Chloride	5.098	84	260	Below Cal	#	52
27) cis-1,2-Dichloroethene	7.329	96	86091	21.867	ug/l	93
31) Cyclohexane	8.088	56	7178	1.382	ug/l #	45
36) 1,1-Dichloropropene	8.088	75	25321	5.296	ug/l #	47
38) Carbon Tetrachloride	8.094	117	36294	6.336	ug/l #	17
39) Methylcyclohexane	9.215	83	4259	0.704	ug/l #	1
44) Trichloroethene	9.220	130	366335	81.753	ug/l	89
51) 4-Methyl-2-Pentanone	10.443	43	2878	0.786	ug/l #	1
60) Dibromochloromethane	10.980	129	64402	13.961	ug/l #	11
64) Tetrachloroethene	10.980	164	68689	15.242	ug/l	95
71) Bromoform	12.734	173	591	2.671	ug/l #	1
76) 1,2,3-Trichloropropane	12.736	75	101031	43.330	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.736	75	101031	132.499	ug/l #	13
95) Naphthalene	15.512	128	58	3.504	ug/l #	69

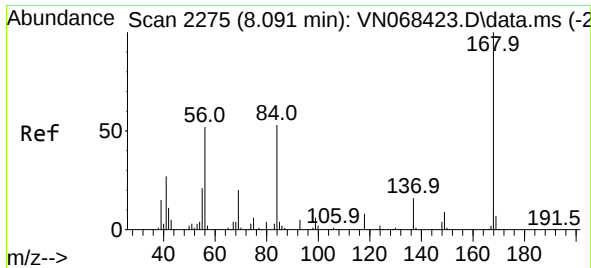
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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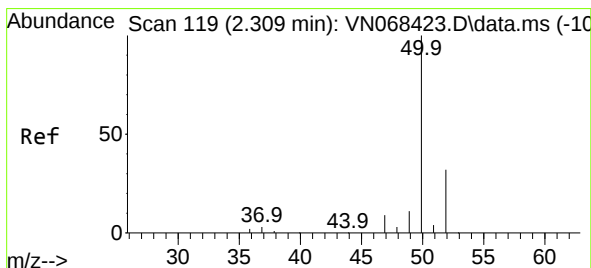
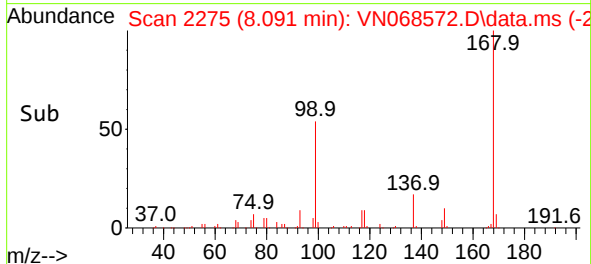
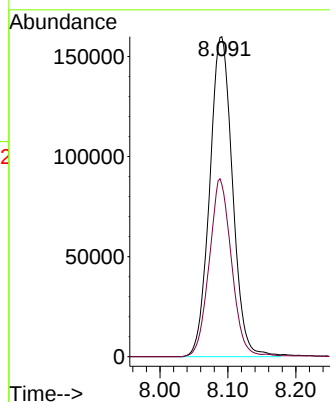
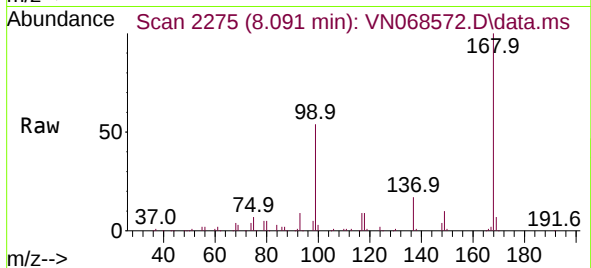




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

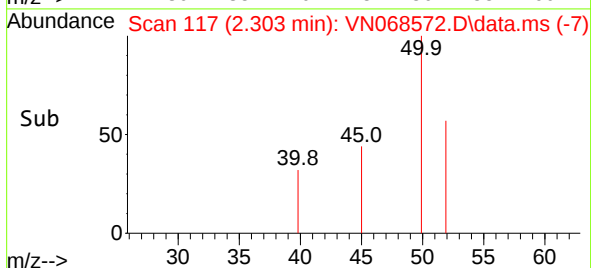
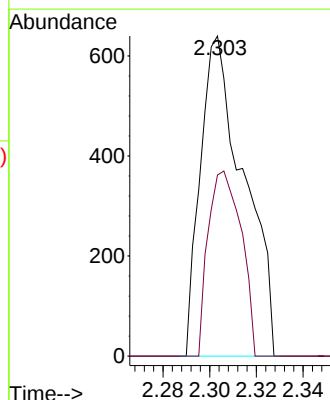
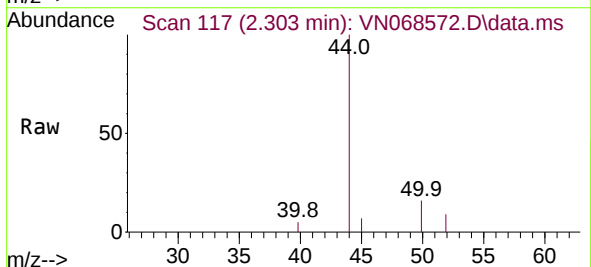
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20210915RE

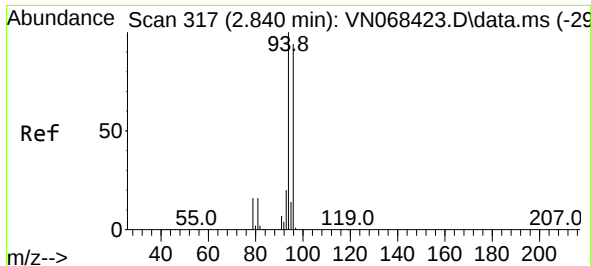
Tgt Ion:168 Resp: 373719
Ion Ratio Lower Upper
168 100
99 53.9 38.2 57.4



#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Tgt Ion: 50 Resp: 825
Ion Ratio Lower Upper
50 100
52 56.6 25.8 38.6#

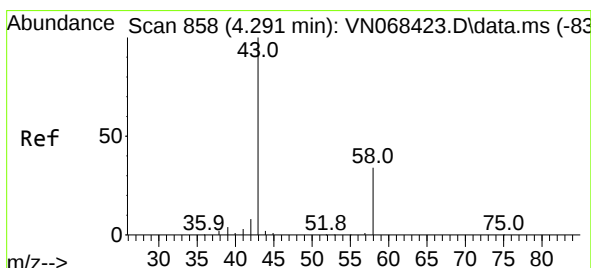
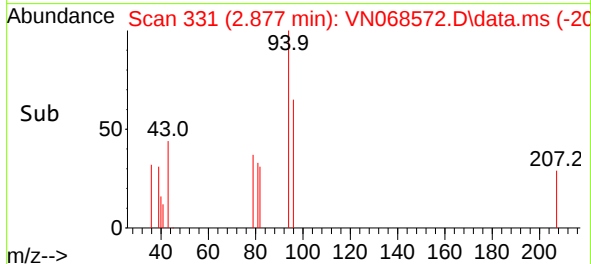
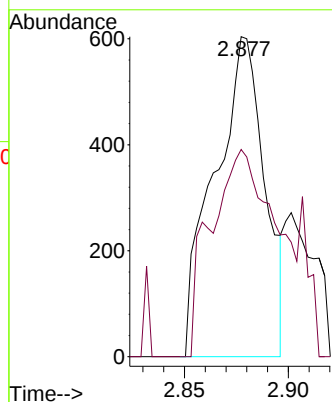
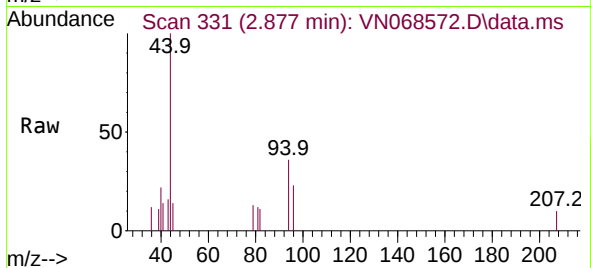




#5
Bromomethane
Concen: Below Cal
RT: 2.877 min Scan# 331
Delta R.T. 0.037 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

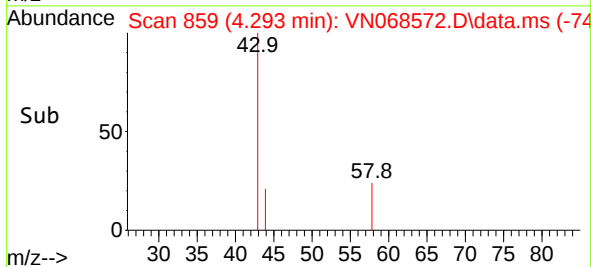
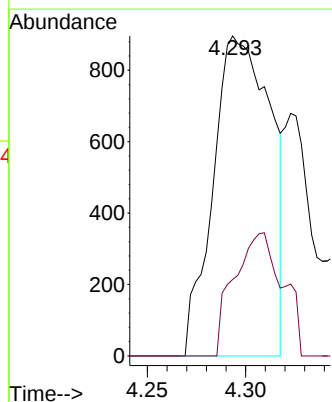
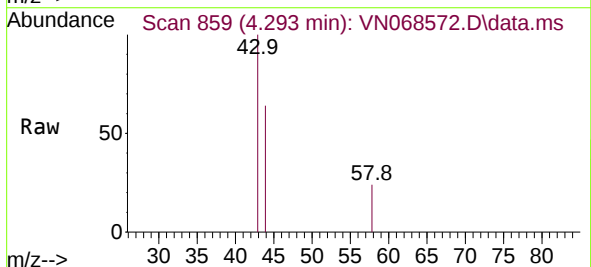
Instrument :
MSVOA_N
ClientSampleId :
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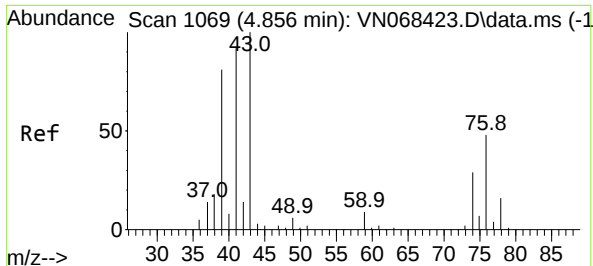
Tgt Ion: 94 Resp: 1015
Ion Ratio Lower Upper
94 100
96 64.7 75.4 113.0#



#16
Acetone
Concen: Below Cal
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Tgt Ion: 43 Resp: 1821
Ion Ratio Lower Upper
43 100
58 23.9 27.0 40.6#

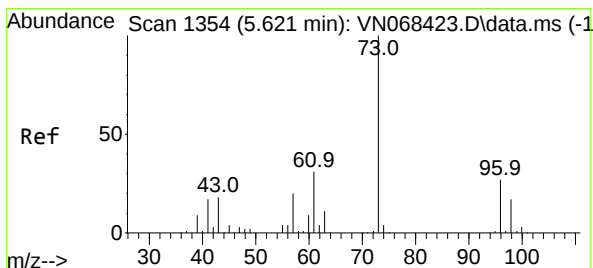
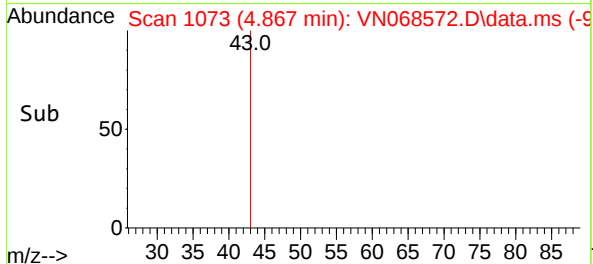
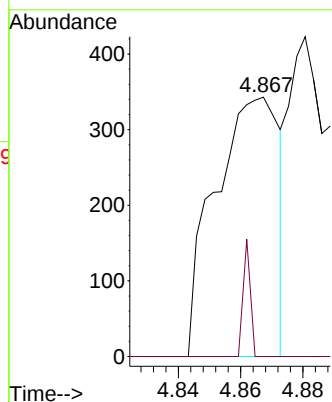
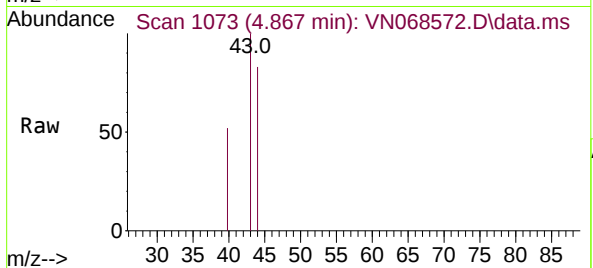




#18
Methyl Acetate
Concen: Below Cal
RT: 4.867 min Scan# 1073
Delta R.T. 0.011 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

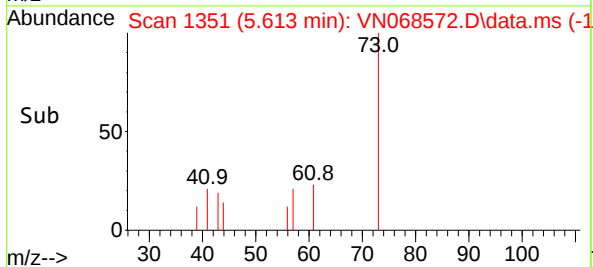
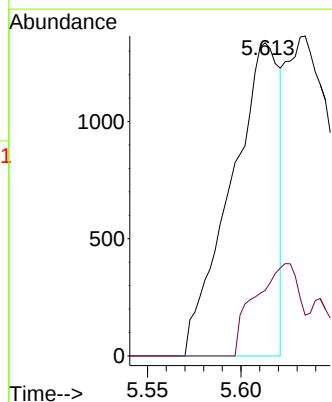
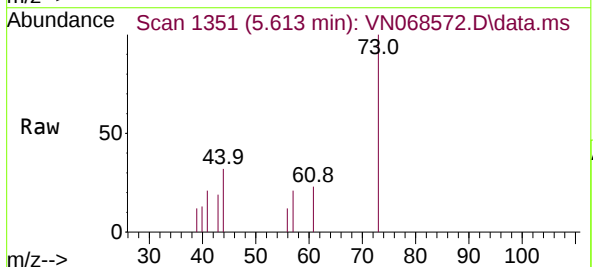
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20210915RE

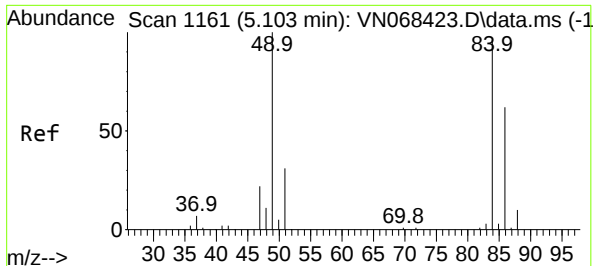
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
74 5.1 23.5 35.3#



#19
Methyl tert-butyl Ether
Concen: 0.245 ug/l
RT: 5.613 min Scan# 1351
Delta R.T. -0.008 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

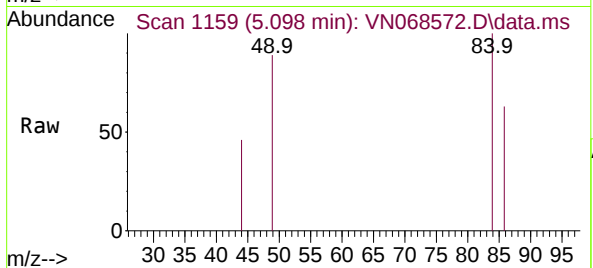
Tgt Ion: 73 Resp: 2406
Ion Ratio Lower Upper
73 100
57 21.0 15.9 23.9





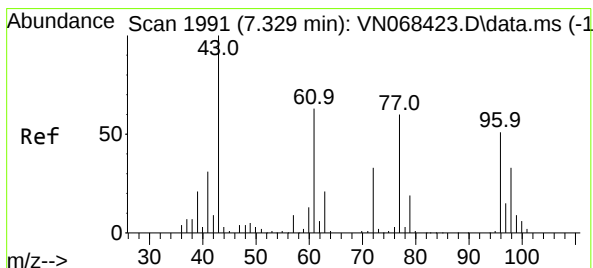
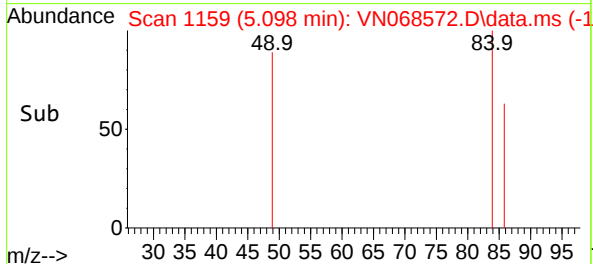
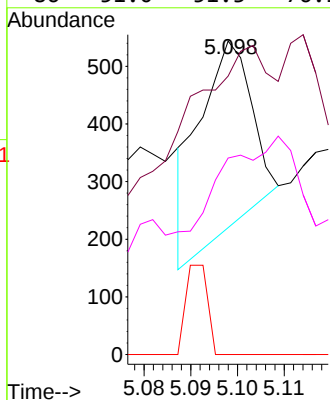
#20
Methylene Chloride
Concen: Below Cal
RT: 5.098 min Scan# 1159
Delta R.T. -0.005 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Instrument :
MSVOA_N
ClientSampleId :
MW179D-20210915RE



Tgt Ion: 84 Resp: 260

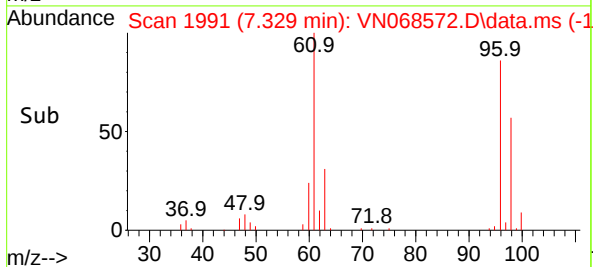
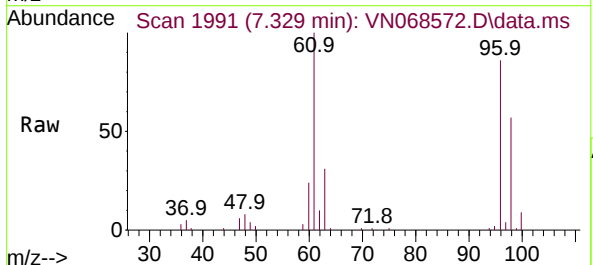
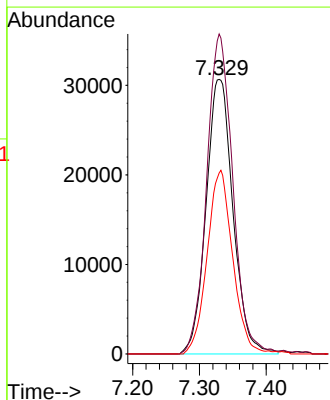
Ion	Ratio	Lower	Upper
84	100		
49	38.2	83.0	124.6#
51	0.0	25.4	38.0#
86	51.0	51.3	76.9#

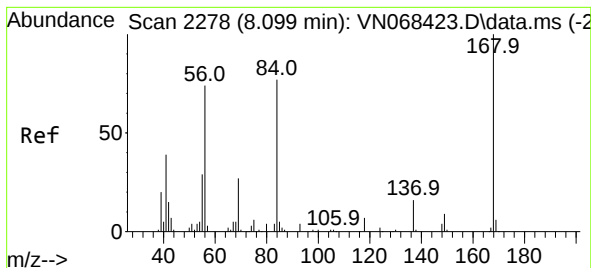


#27
cis-1,2-Dichloroethene
Concen: 21.867 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Tgt Ion: 96 Resp: 86091

Ion	Ratio	Lower	Upper
96	100		
61	112.1	0.0	246.4
98	63.2	0.0	130.4

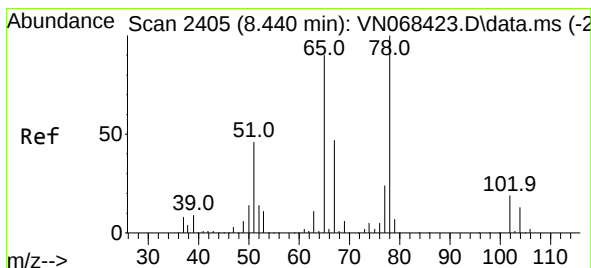
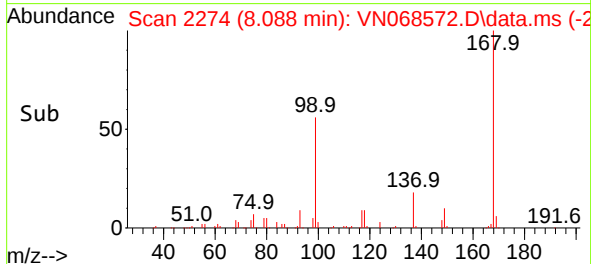
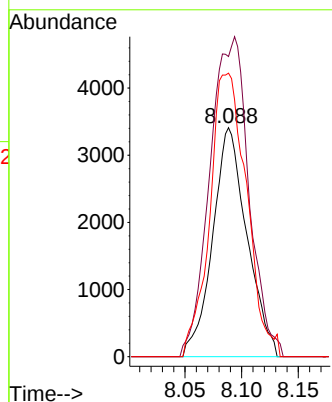
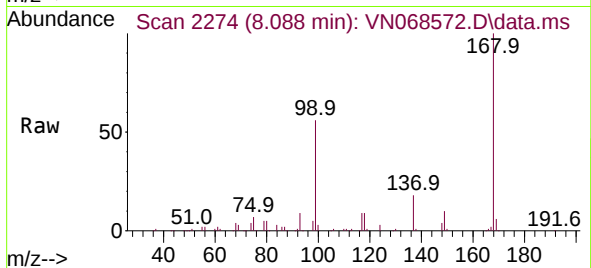




#31
Cyclohexane
Concen: 1.382 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.011 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

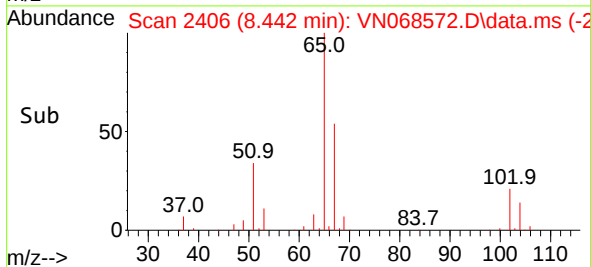
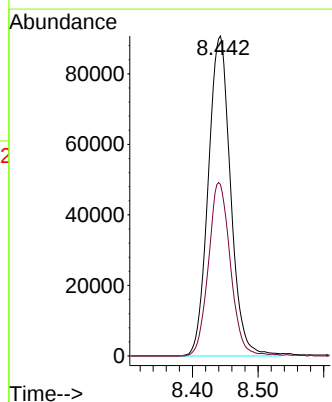
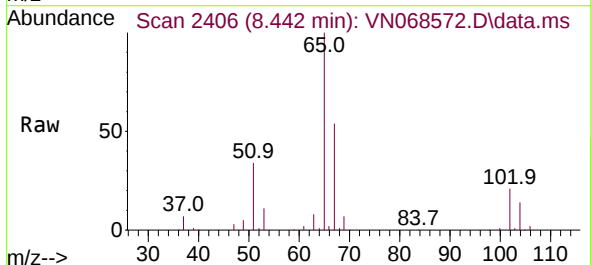
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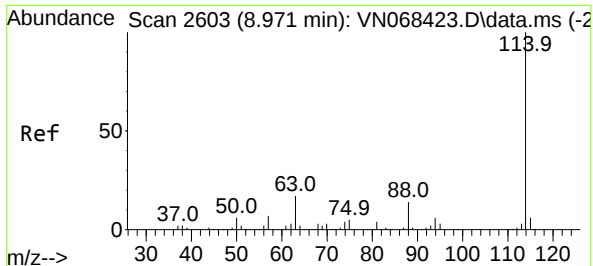
Tgt Ion: 56 Resp: 7178
Ion Ratio Lower Upper
56 100
69 131.2 29.4 44.0#
84 123.8 83.6 125.4



#33
1,2-Dichloroethane-d4
Concen: 62.612 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Tgt Ion: 65 Resp: 214643
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.0

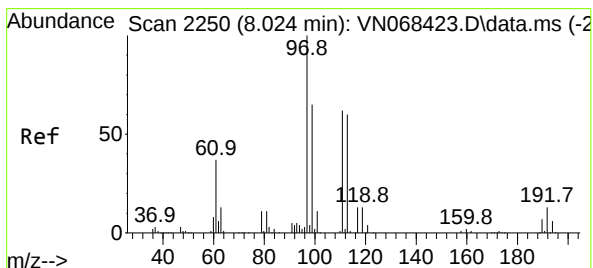
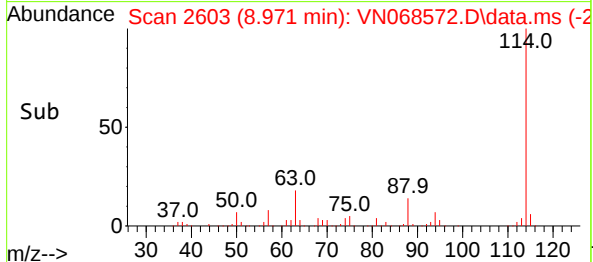
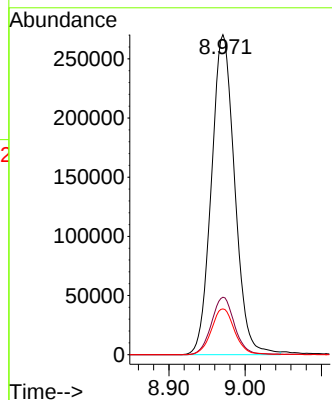
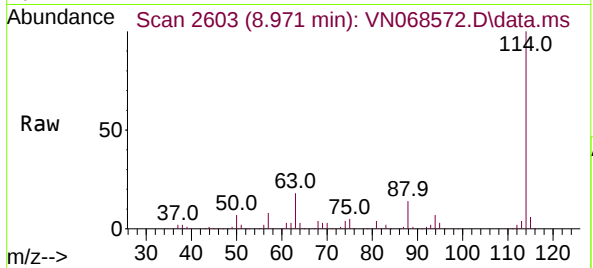




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

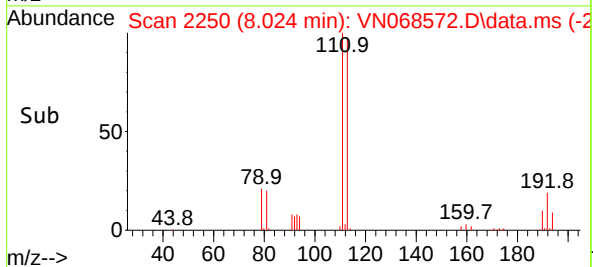
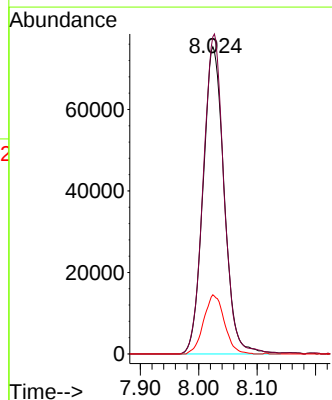
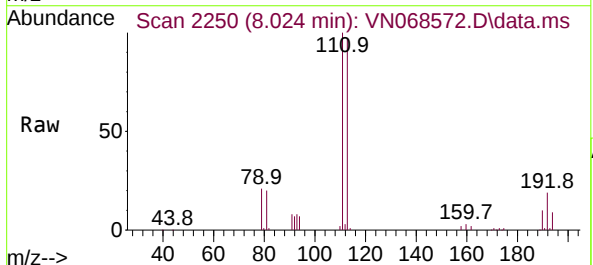
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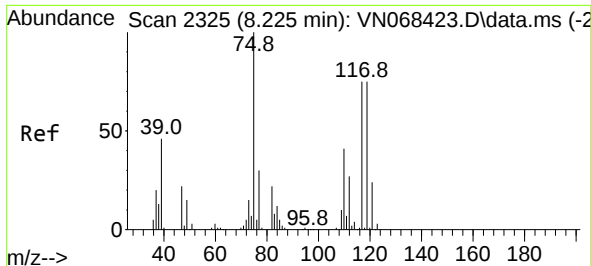
Tgt Ion:114 Resp: 573488
Ion Ratio Lower Upper
114 100
63 17.9 0.0 33.2
88 14.3 0.0 28.4



#35
Dibromofluoromethane
Concen: 54.637 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Tgt Ion:113 Resp: 188982
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 18.9 17.7 26.5

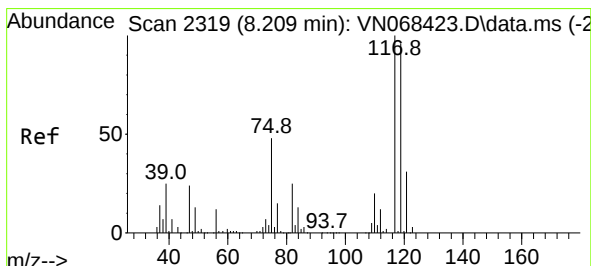
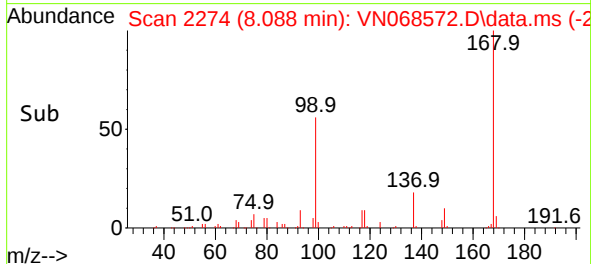
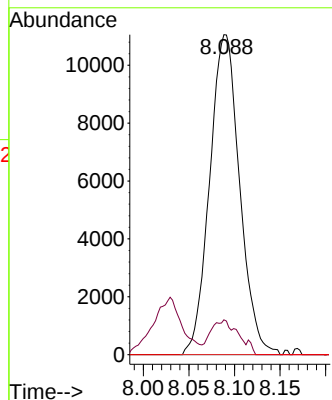
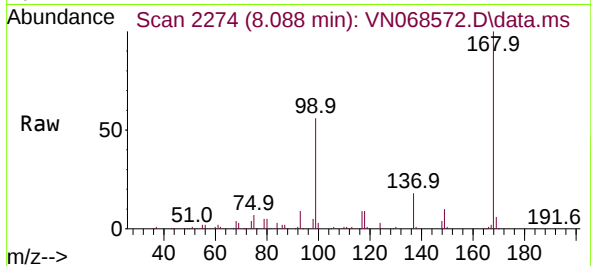




#36
1,1-Dichloropropene
Concen: 5.296 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.137 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

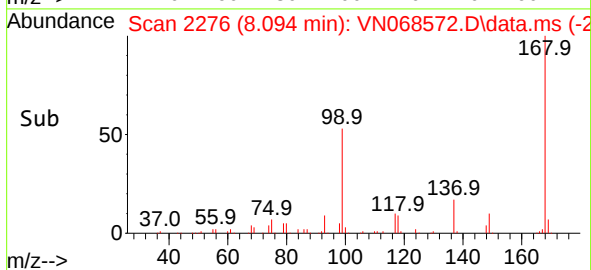
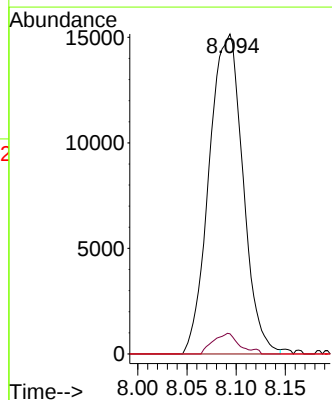
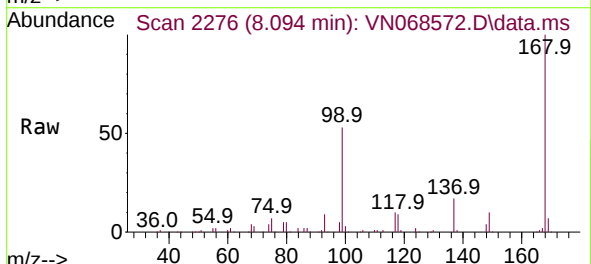
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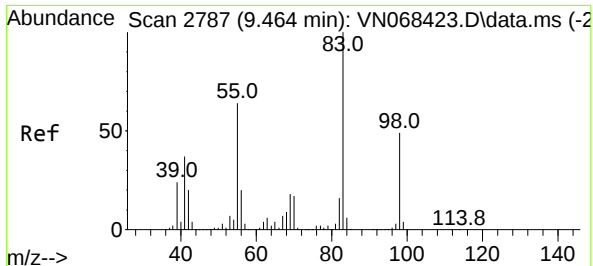
Tgt Ion: 75 Resp: 25321
Ion Ratio Lower Upper
75 100
110 10.2 20.8 62.5#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 6.336 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.115 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Tgt Ion: 117 Resp: 36294
Ion Ratio Lower Upper
117 100
119 6.3 76.6 114.8#
121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 0.704 ug/l

RT: 9.215 min Scan# 2694

Delta R.T. -0.249 min

Lab File: VN068572.D

Acq: 20 Sep 2021 22:32

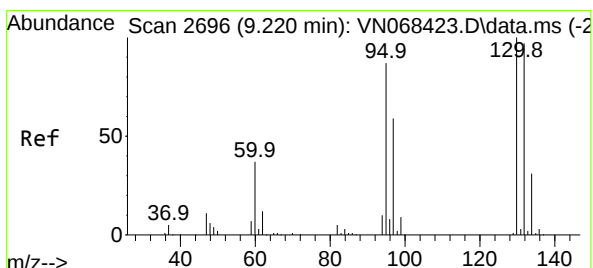
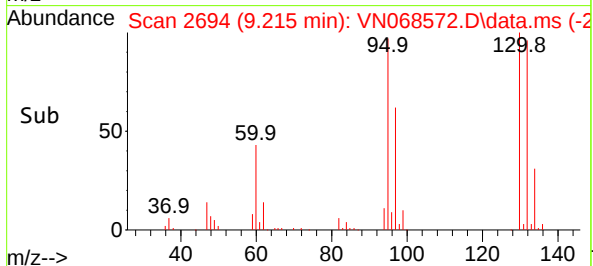
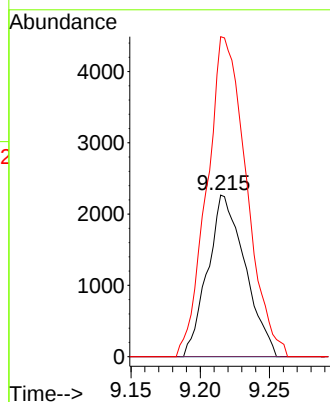
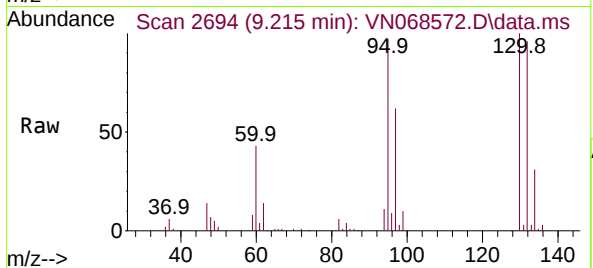
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:	83	Resp:	4259
Ion	Ratio	Lower	Upper
83	100		
55	0.0	51.0	76.4#
98	190.9	39.5	59.3#



#44

Trichloroethene

Concen: 81.753 ug/l

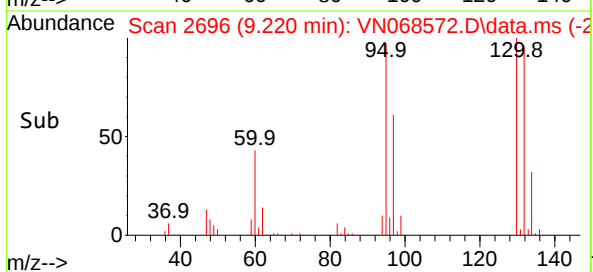
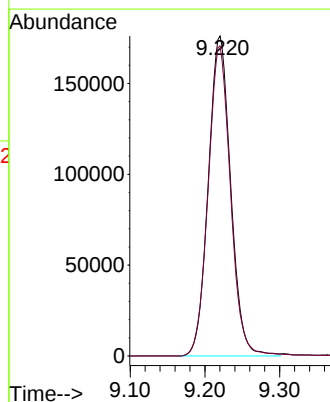
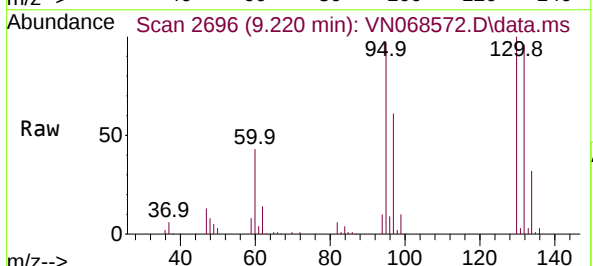
RT: 9.220 min Scan# 2696

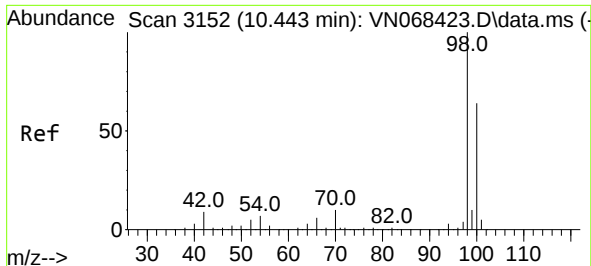
Delta R.T. 0.000 min

Lab File: VN068572.D

Acq: 20 Sep 2021 22:32

Tgt Ion:	130	Resp:	366335
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	173.8

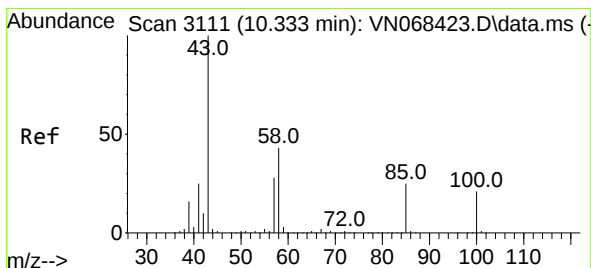
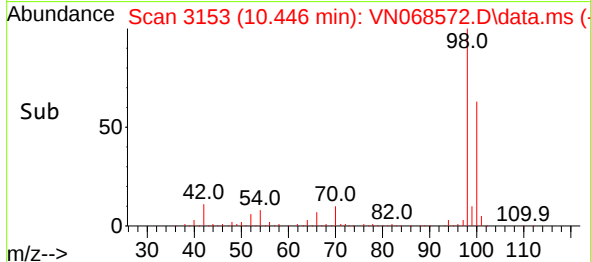
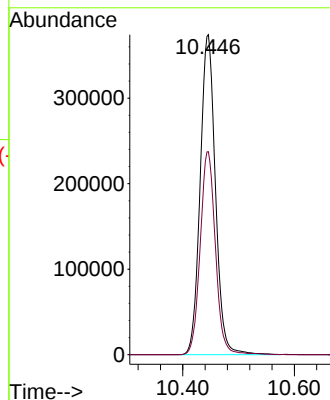
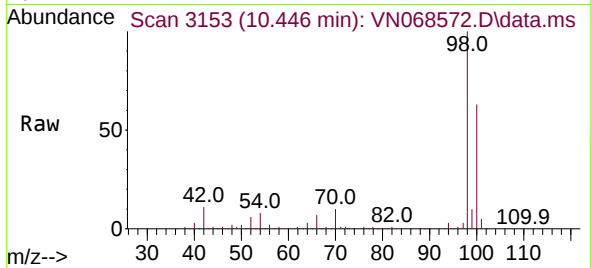




#50
Toluene-d8
Concen: 50.109 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

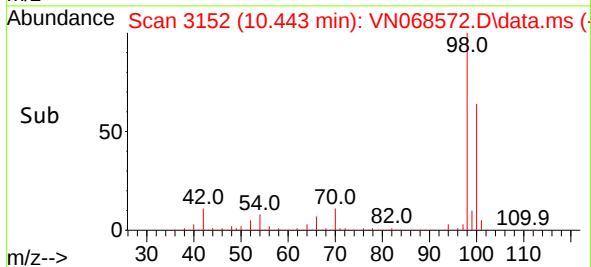
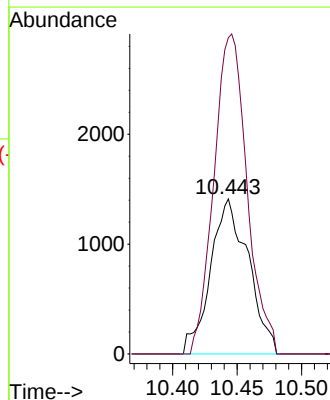
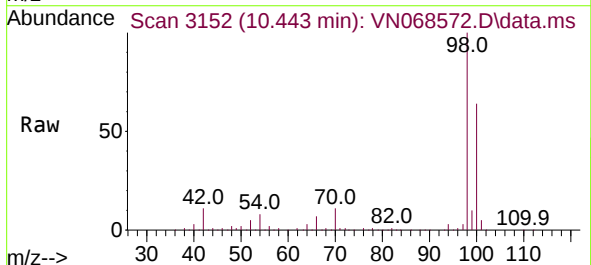
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20210915RE

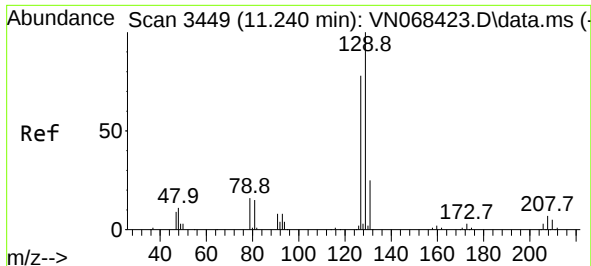
Tgt Ion: 98 Resp: 710965
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 0.786 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.110 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
58 181.5 34.3 51.5#

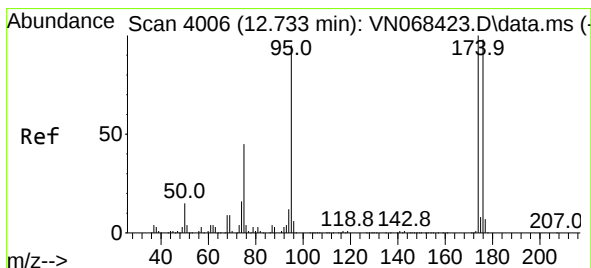
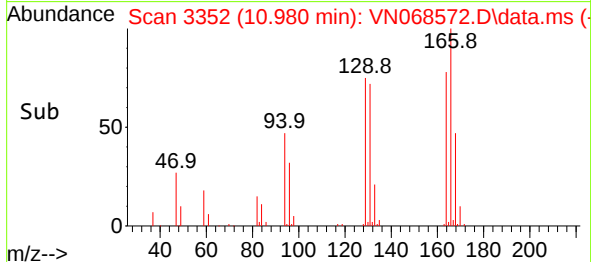
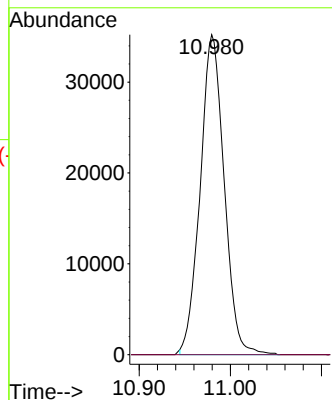
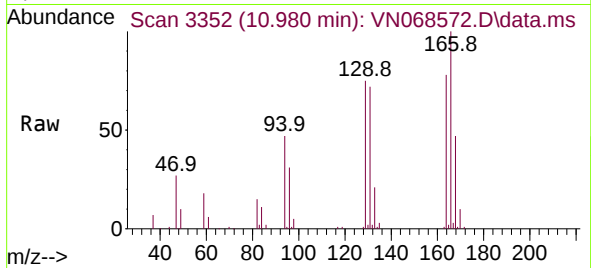




#60
Dibromochloromethane
Concen: 13.961 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.260 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

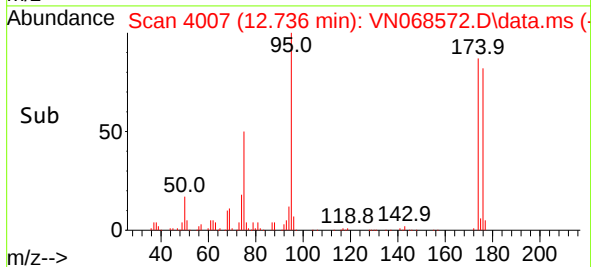
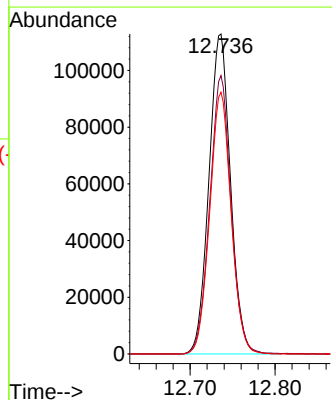
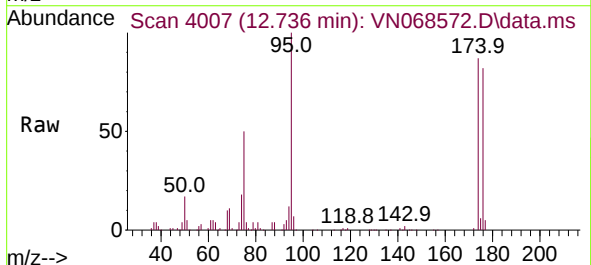
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20210915RE

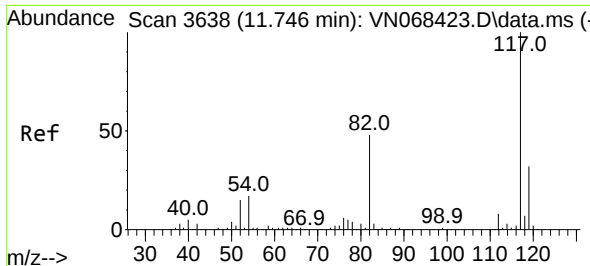
Tgt Ion:129 Resp: 64402
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 43.125 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Tgt Ion: 95 Resp: 198744
Ion Ratio Lower Upper
95 100
174 86.1 0.0 214.0
176 81.2 0.0 205.4

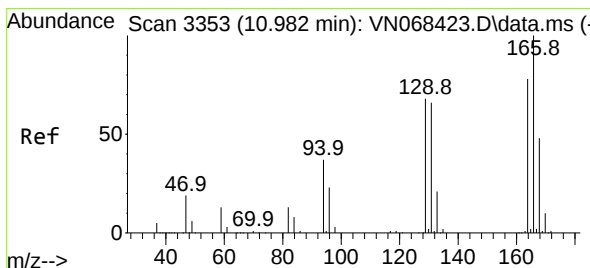
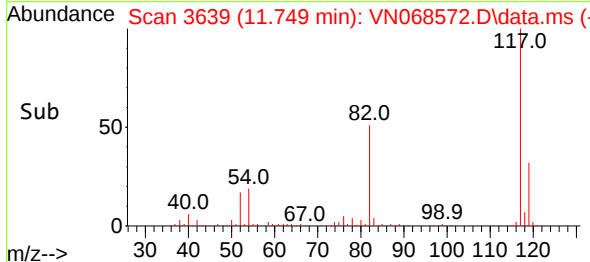
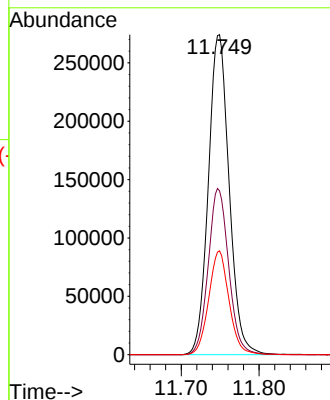
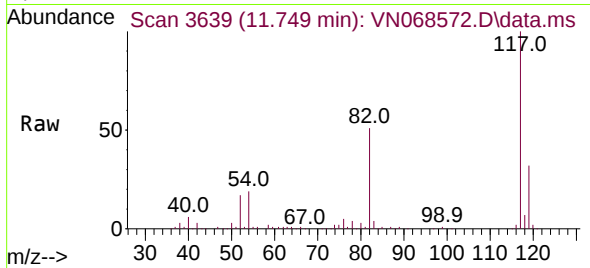




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

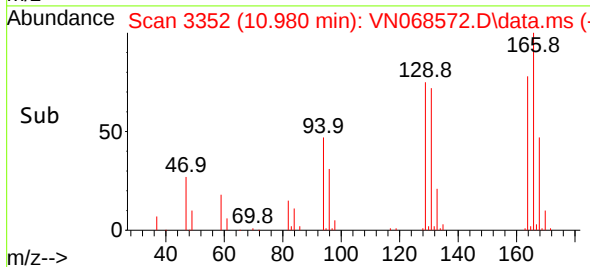
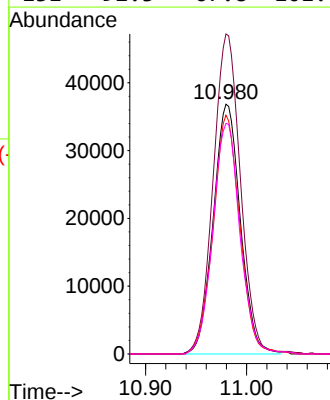
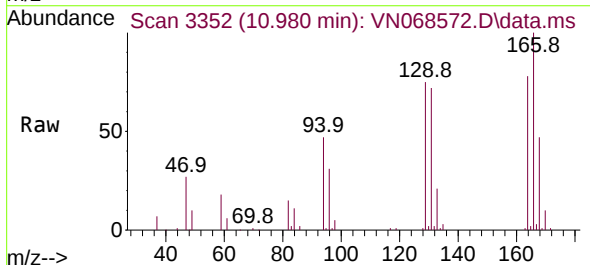
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20210915RE

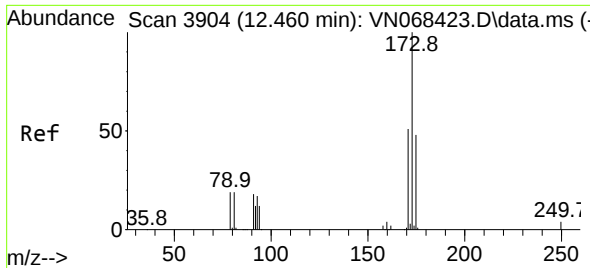
Tgt Ion:117 Resp: 508475
Ion Ratio Lower Upper
117 100
82 51.2 38.7 58.1
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 15.242 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.002 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Tgt Ion:164 Resp: 68689
Ion Ratio Lower Upper
164 100
166 128.1 102.9 154.3
129 95.6 70.1 105.1
131 92.3 67.8 101.6

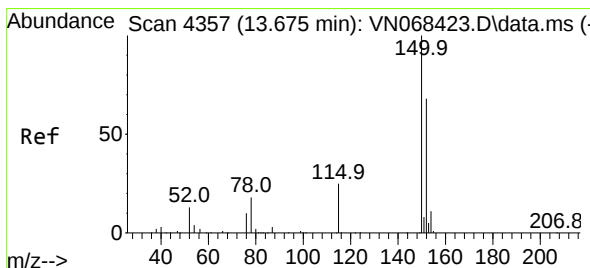
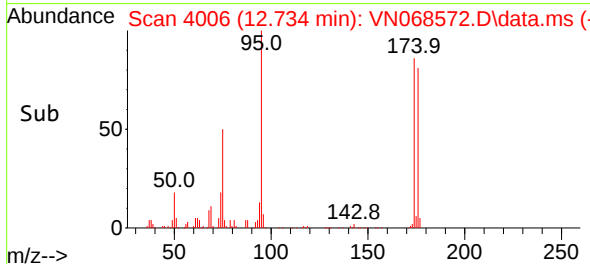
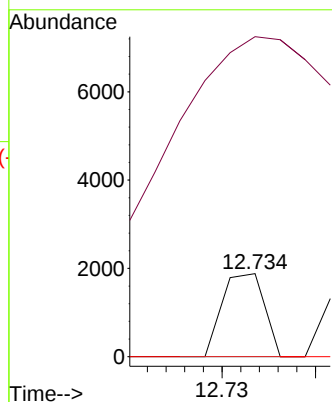
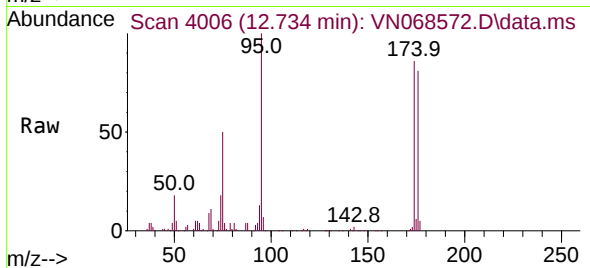




#71
Bromoform
Concen: 2.671 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

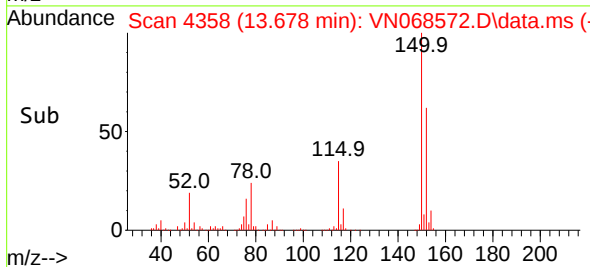
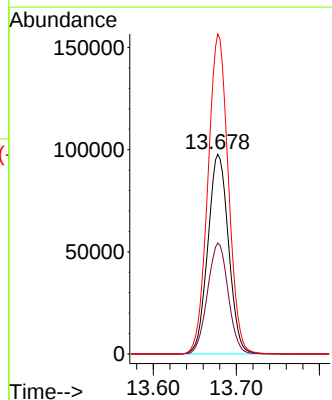
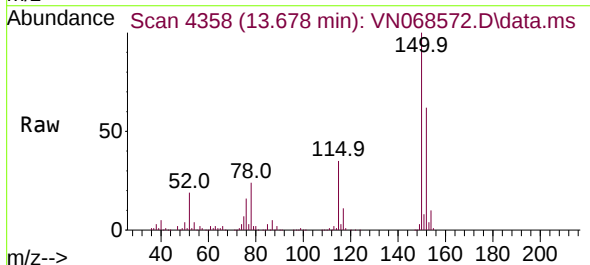
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20210915RE

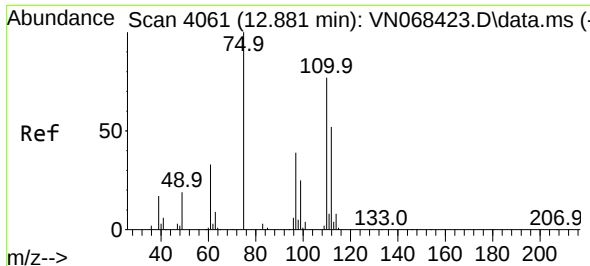
Tgt Ion:173 Resp: 591
Ion Ratio Lower Upper
173 100
175 2001.0 24.1 72.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Tgt Ion:152 Resp: 168985
Ion Ratio Lower Upper
152 100
115 55.6 25.6 76.6
150 158.0 0.0 346.8

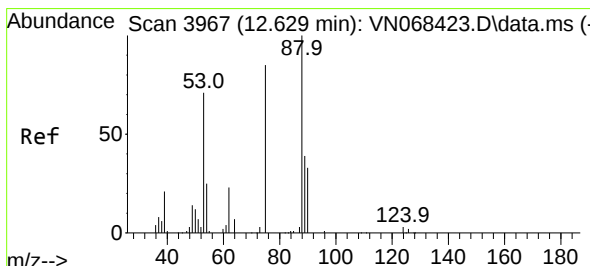
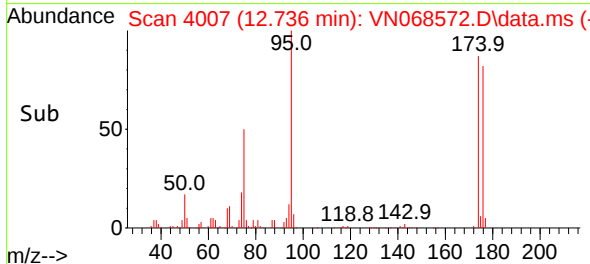
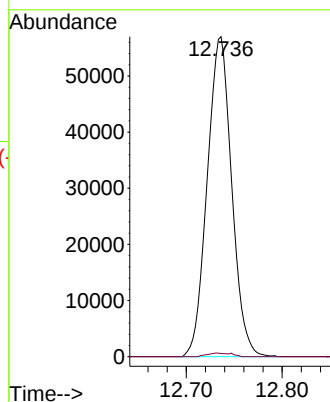
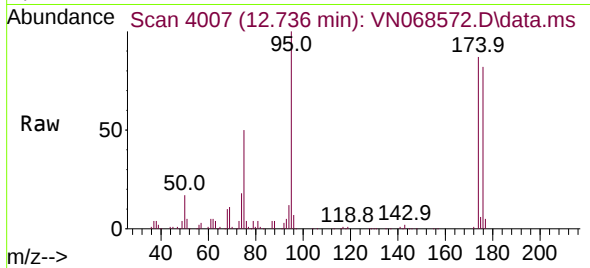




#76
1,2,3-Trichloropropane
Concen: 43.330 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.145 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

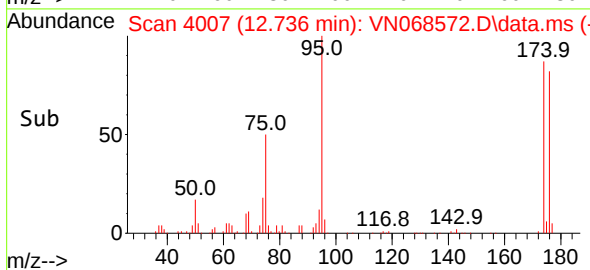
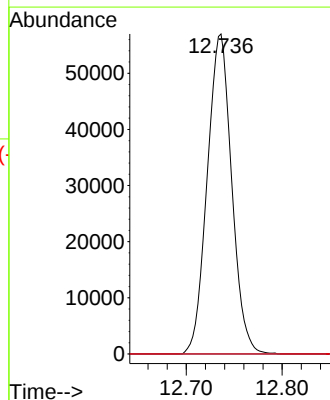
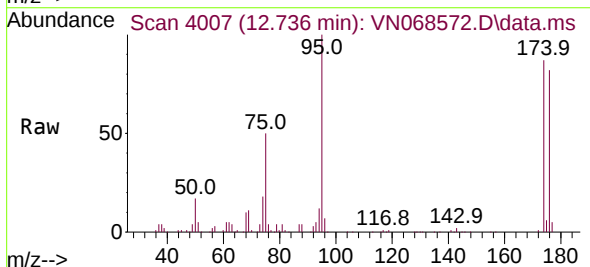
Instrument :
MSVOA_N
ClientSampleId :
MW179D-20210915RE

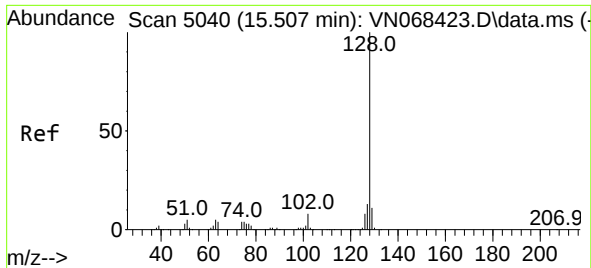
Tgt Ion: 75 Resp: 101031
Ion Ratio Lower Upper
75 100
77 1.1 100.9 302.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.499 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

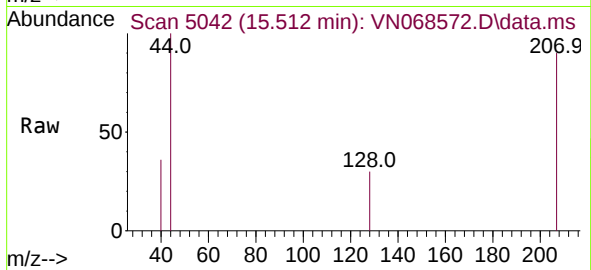
Tgt Ion: 75 Resp: 101031
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 3.504 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068572.D
Acq: 20 Sep 2021 22:32

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128	Resp:	58
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.6 15.8#
129	0.0	8.6 13.0#

