

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070806.D
 Acq On : 27 Jan 2022 15:14
 Operator : JC/MD
 Sample : N1278-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jan 28 00:37:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

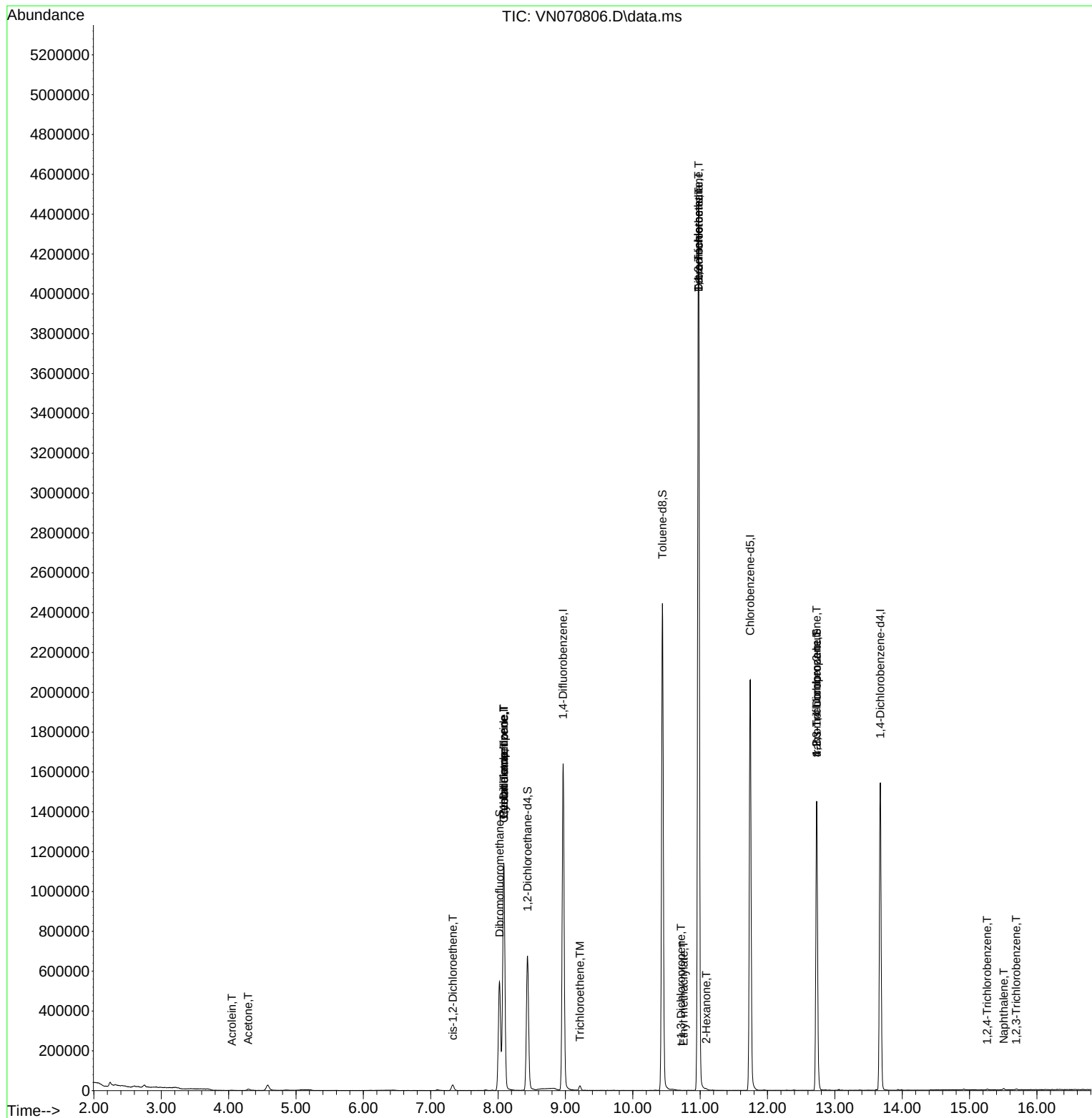
Internal Standards						
1) Pentafluorobenzene	8.086	168	872501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1378357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1204286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	427558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	592607	47.392	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.780%		
35) Dibromofluoromethane	8.021	113	402536	47.080	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.160%		
50) Toluene-d8	10.440	98	1694807	47.053	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.100%		
62) 4-Bromofluorobenzene	12.731	95	541420	42.183	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.360%		
Target Compounds						
					Qvalue	
13) Acrolein	4.046	56	793	0.245	ug/l #	63
16) Acetone	4.291	43	10067	1.160	ug/l #	88
27) cis-1,2-Dichloroethene	7.329	96	16440	1.425	ug/l	96
30) Chloroform	7.817	83	3254	Below Cal		99
31) Cyclohexane	8.086	56	20069	0.911	ug/l #	11
36) 1,1-Dichloropropene	8.083	75	72566	5.041	ug/l #	49
38) Carbon Tetrachloride	8.088	117	90650	7.079	ug/l #	16
44) Trichloroethene	9.215	130	8272	0.818	ug/l	92
53) t-1,3-Dichloropropene	10.717	75	57	2.407	ug/l #	43
55) 1,1,2-Trichloroethane	10.974	97	9512	0.908	ug/l #	1
56) Ethyl methacrylate	10.754	69	144	2.309	ug/l #	24
59) 2-Hexanone	11.089	43	3055	0.226	ug/l #	49
60) Dibromochloromethane	10.977	129	1023510	104.698	ug/l #	11
64) Tetrachloroethene	10.977	164	1045349	118.387	ug/l	95
76) 1,2,3-Trichloropropane	12.731	75	290646	25.630	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	290646	76.357	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	1833	3.641	ug/l #	52
95) Naphthalene	15.507	128	6971	5.232	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.692	180	1107	3.353	ug/l #	36

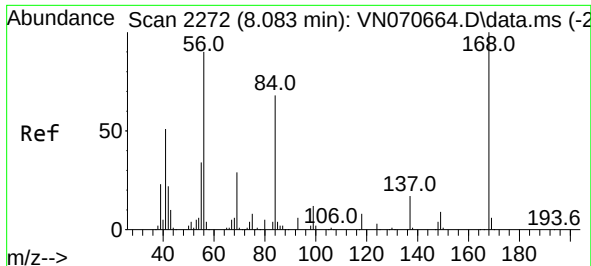
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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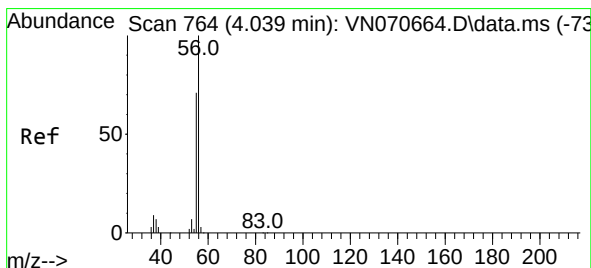
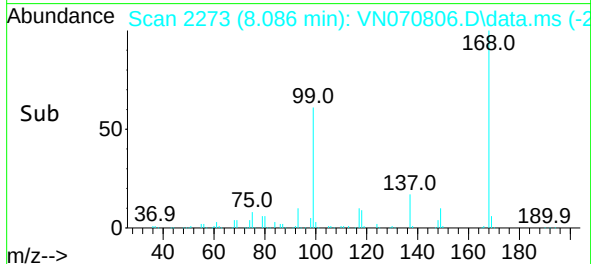
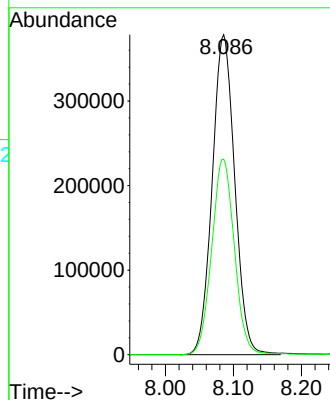
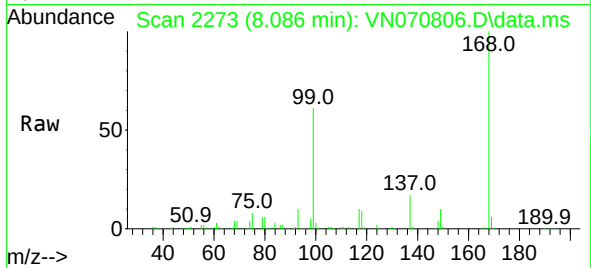




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

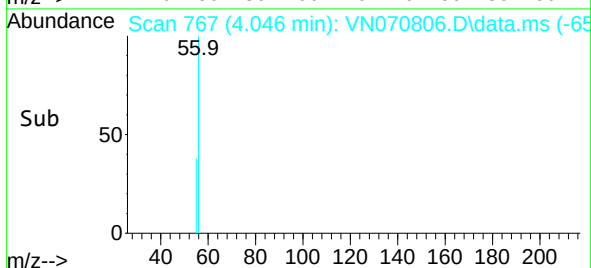
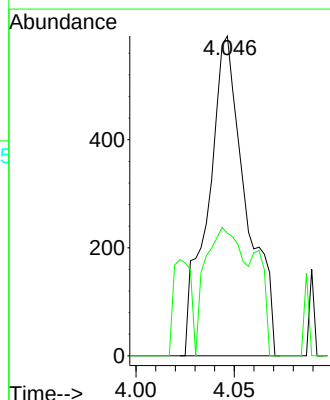
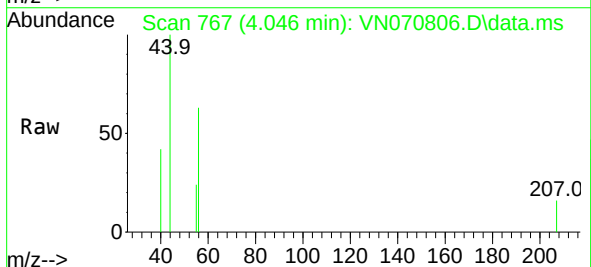
Instrument :
MSVOA_N
ClientSampleId :
MW-1

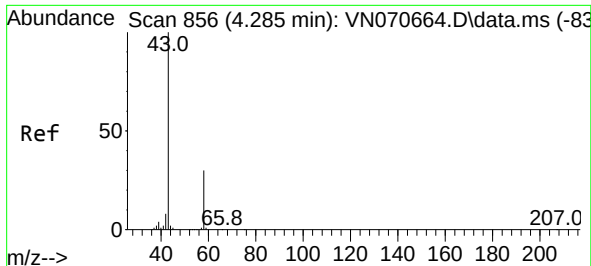
Tgt Ion:168 Resp: 872501
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#13
Acrolein
Concen: 0.245 ug/l
RT: 4.046 min Scan# 767
Delta R.T. 0.007 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

Tgt Ion: 56 Resp: 793
Ion Ratio Lower Upper
56 100
55 40.4 56.6 85.0#

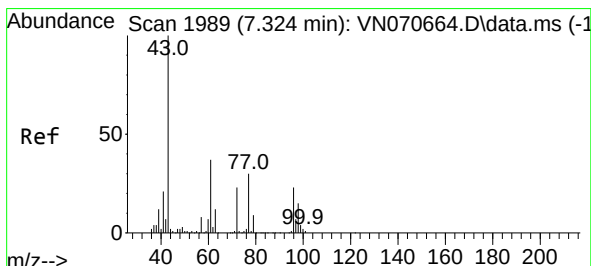
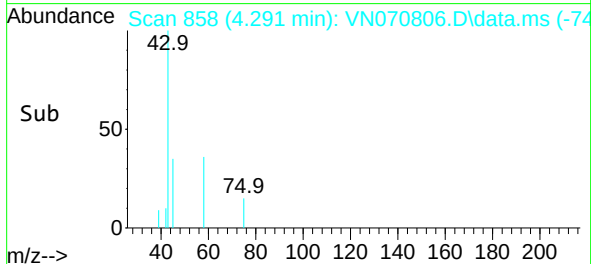
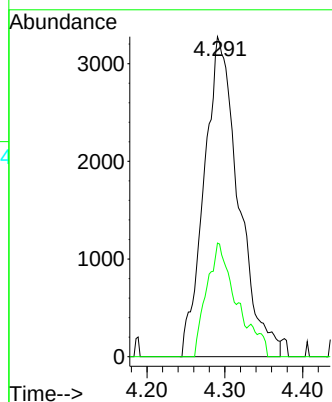
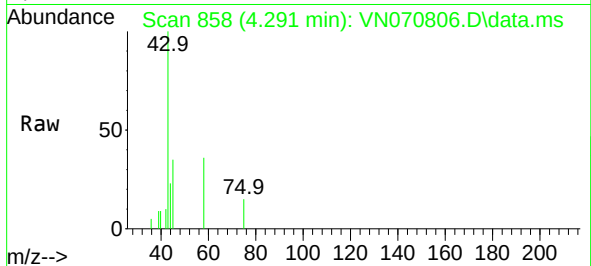




#16
Acetone
Concen: 1.160 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

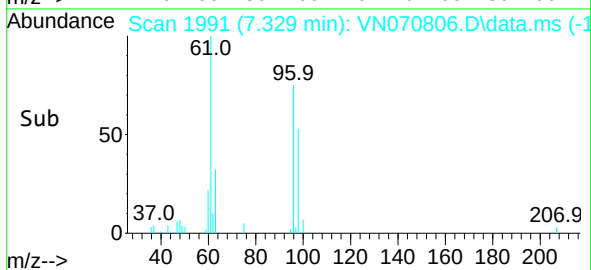
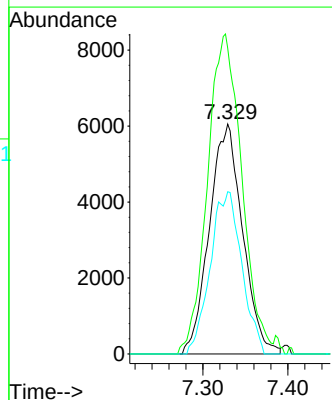
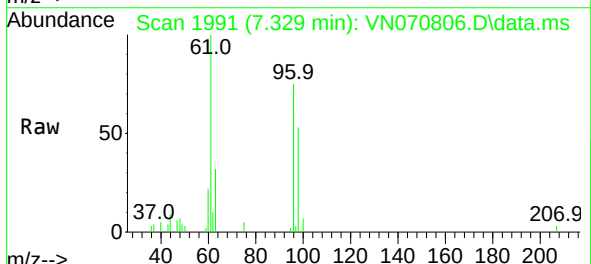
Instrument :
MSVOA_N
ClientSampleId :
MW-1

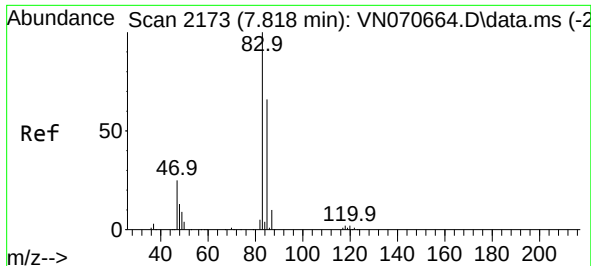
Tgt Ion: 43 Resp: 10067
Ion Ratio Lower Upper
43 100
58 35.5 23.1 34.7#



#27
cis-1,2-Dichloroethene
Concen: 1.425 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.005 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

Tgt Ion: 96 Resp: 16440
Ion Ratio Lower Upper
96 100
61 143.3 0.0 275.0
98 66.8 0.0 129.6

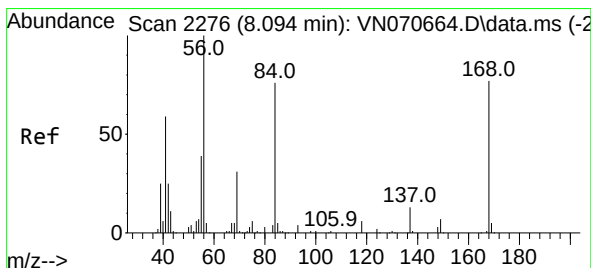
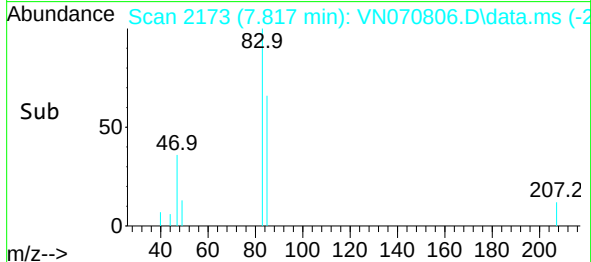
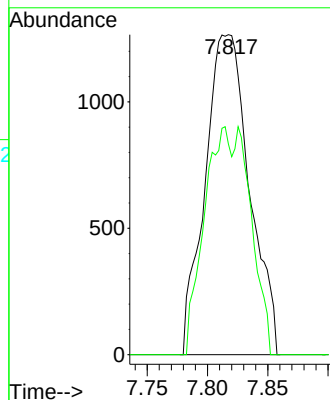
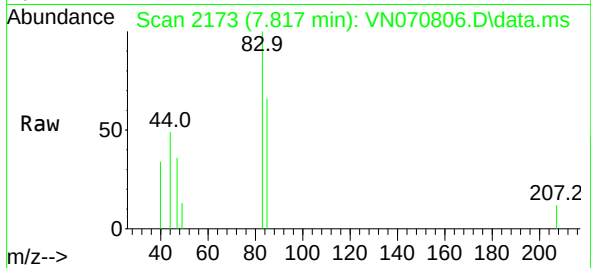




#30
Chloroform
Concen: Below Cal
RT: 7.817 min Scan# 2173
Delta R.T. -0.001 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

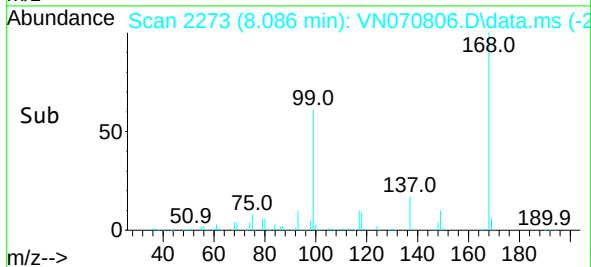
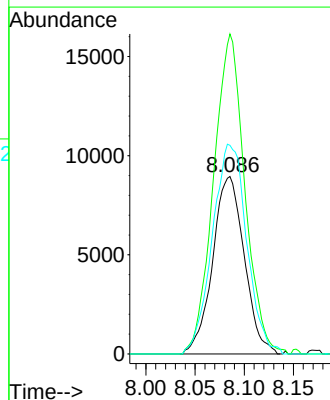
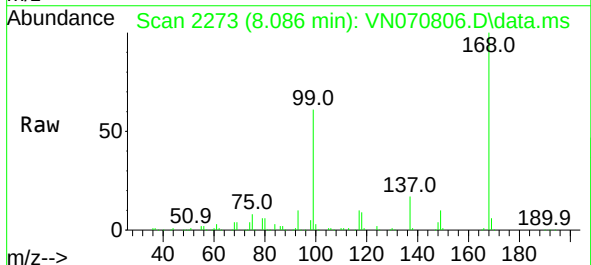
Instrument :
MSVOA_N
ClientSampleId :
MW-1

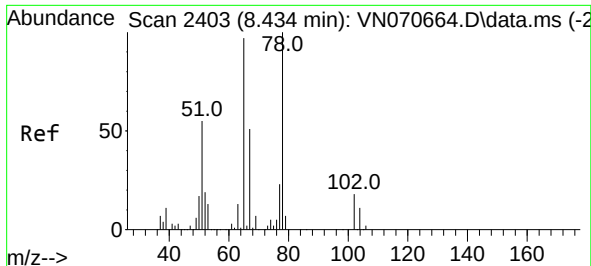
Tgt Ion: 83 Resp: 3254
Ion Ratio Lower Upper
83 100
85 65.9 51.9 77.9



#31
Cyclohexane
Concen: 0.911 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

Tgt Ion: 56 Resp: 20069
Ion Ratio Lower Upper
56 100
69 180.3 27.1 40.7#
84 117.6 73.4 110.0#

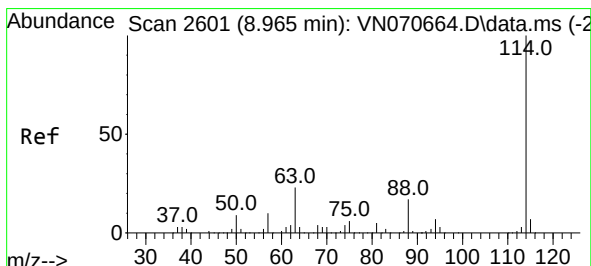
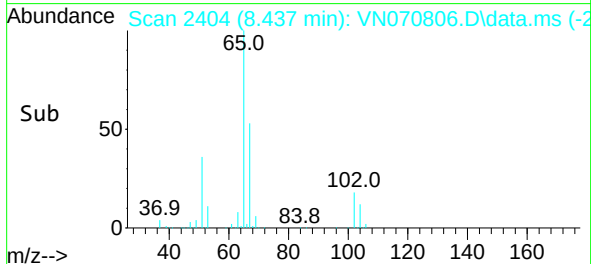
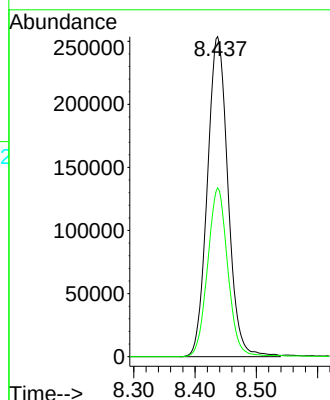
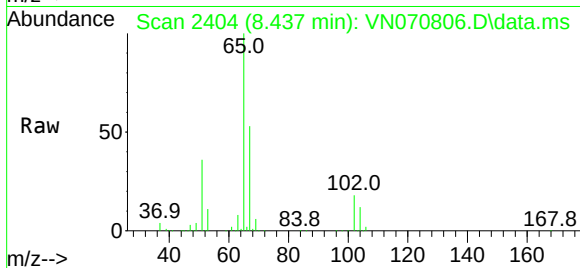




#33
 1,2-Dichloroethane-d4
 Concen: 47.392 ug/l
 RT: 8.437 min Scan# 2403
 Delta R.T. 0.003 min
 Lab File: VN070806.D
 Acq: 27 Jan 2022 15:14

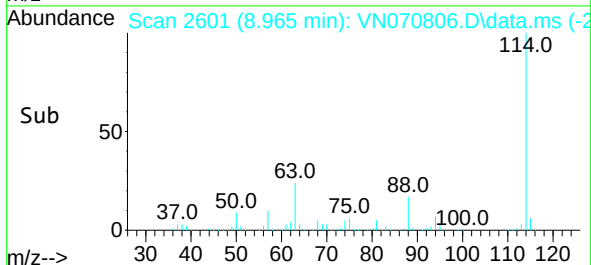
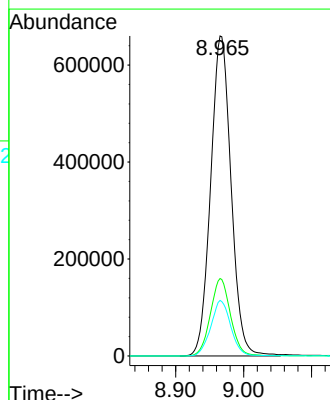
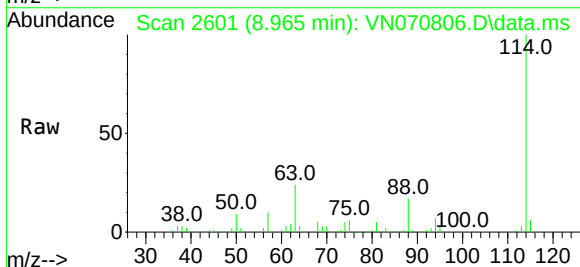
Instrument :
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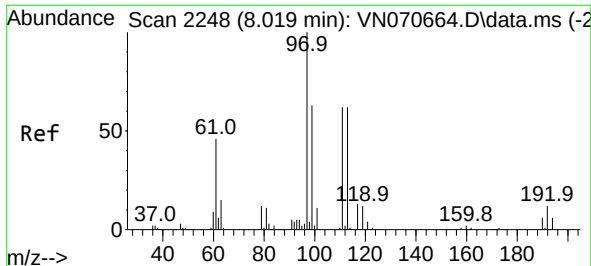
Tgt Ion: 65 Resp: 592607
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. 0.000 min
 Lab File: VN070806.D
 Acq: 27 Jan 2022 15:14

Tgt Ion: 114 Resp: 1378357
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 37.8
 88 17.3 0.0 27.4

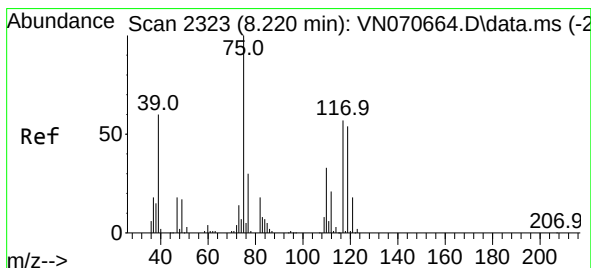
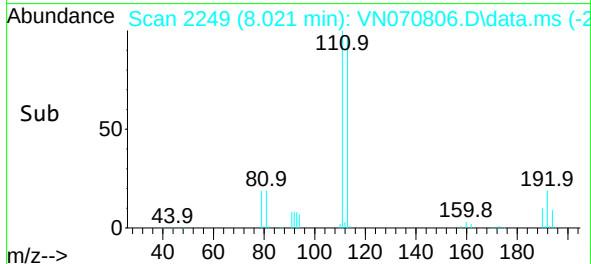
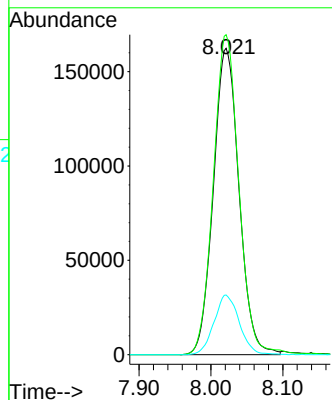
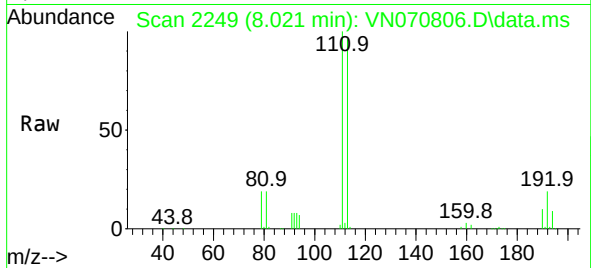




#35
Dibromofluoromethane
Concen: 47.080 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

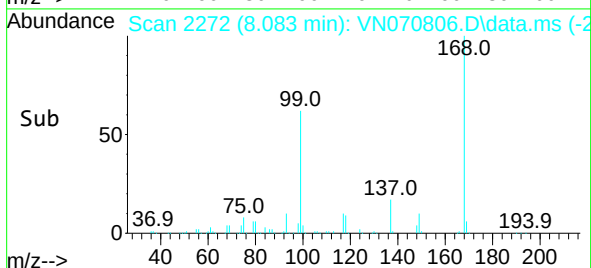
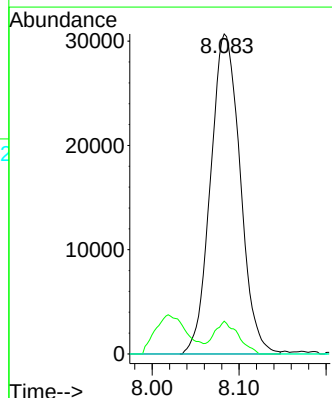
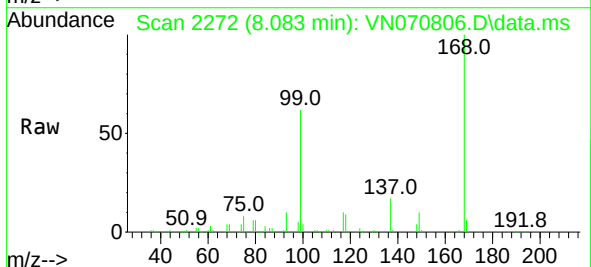
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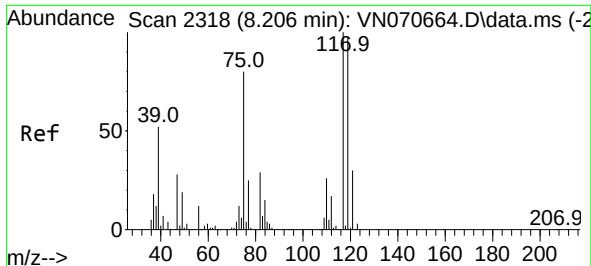
Tgt Ion:113 Resp: 402536
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

Tgt Ion: 75 Resp: 72566
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#

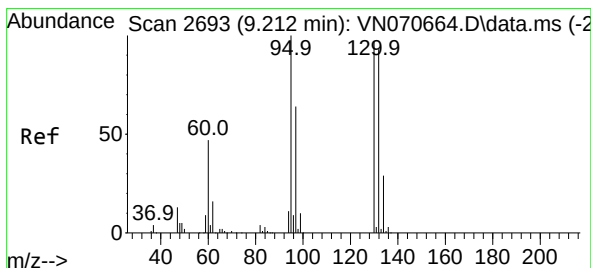
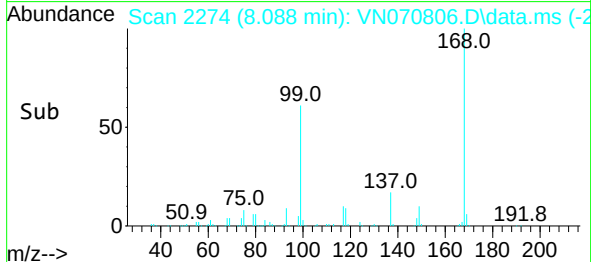
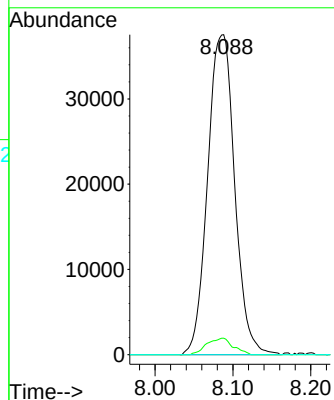
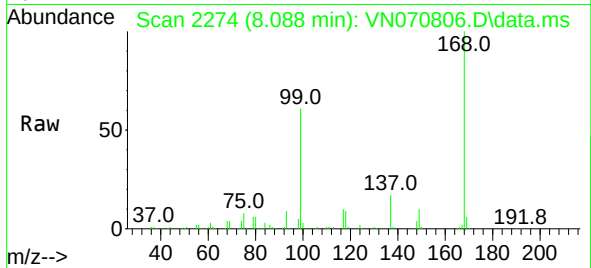




#38
Carbon Tetrachloride
Concen: 7.079 ug/l
RT: 8.088 min Scan# 211
Delta R.T. -0.118 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

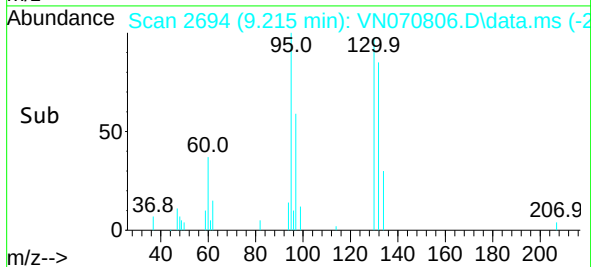
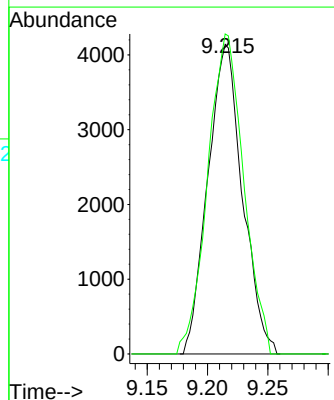
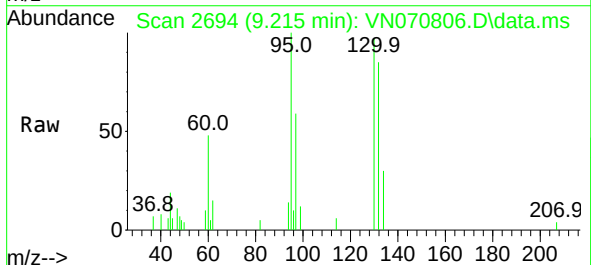
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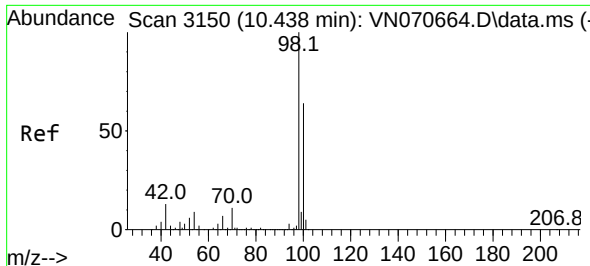
Tgt Ion:117 Resp: 90650
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.818 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

Tgt Ion:130 Resp: 8272
Ion Ratio Lower Upper
130 100
95 103.3 0.0 191.2

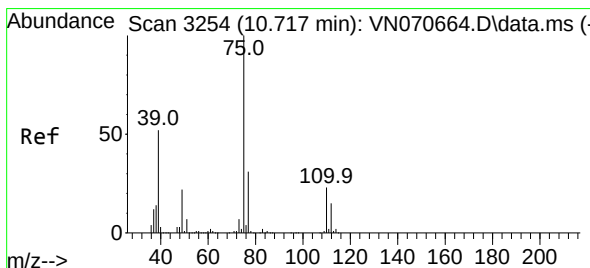
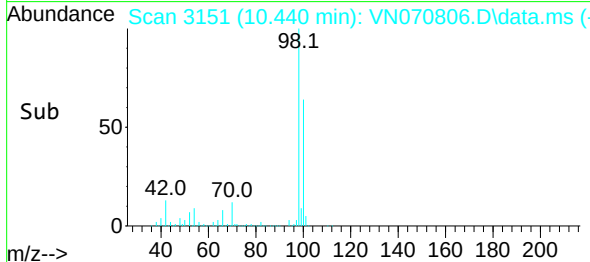
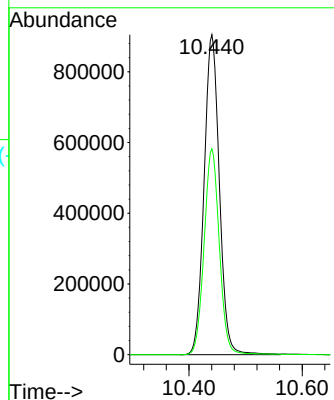
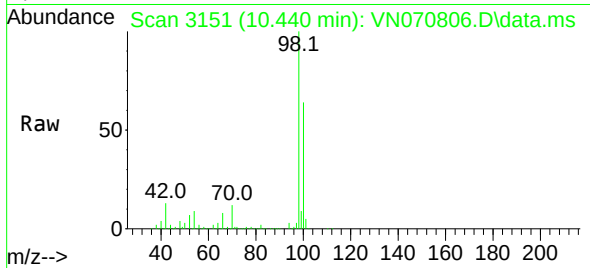




#50
Toluene-d8
Concen: 47.053 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

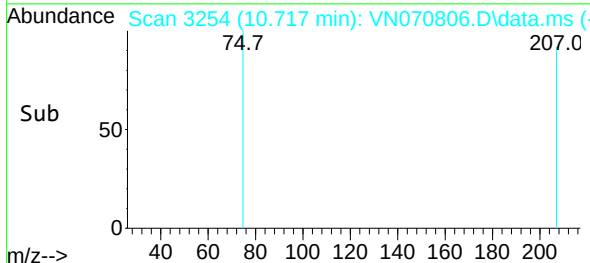
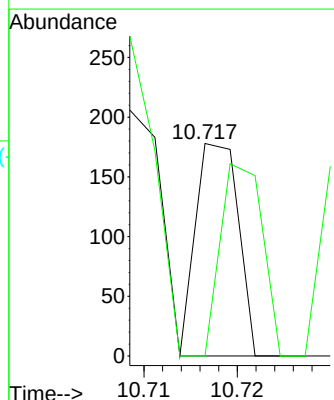
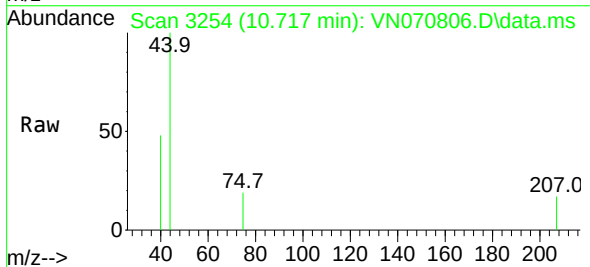
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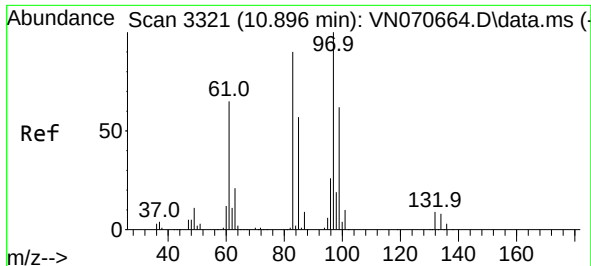
Tgt Ion: 98 Resp: 1694807
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.407 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

Tgt Ion: 75 Resp: 57
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



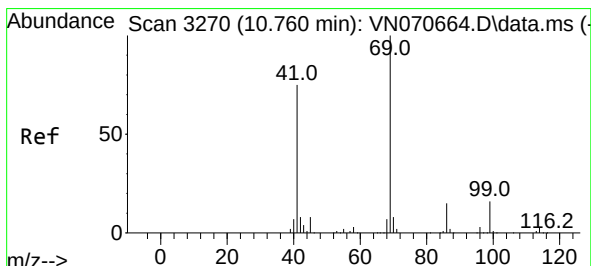
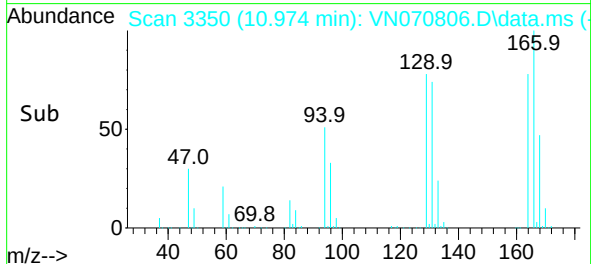
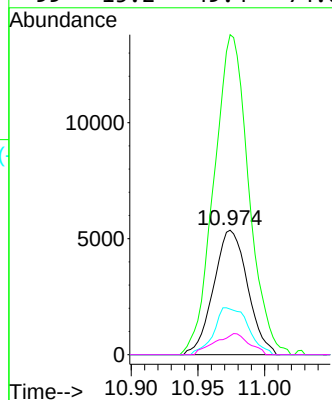
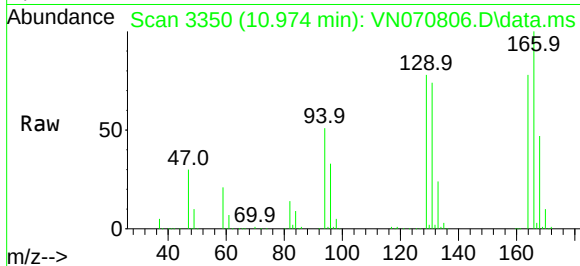


#55
 1,1,2-Trichloroethane
 Concen: 0.908 ug/l
 RT: 10.974 min Scan# 31
 Delta R.T. 0.078 min
 Lab File: VN070806.D
 Acq: 27 Jan 2022 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tgt Ion: 97 Resp: 9512

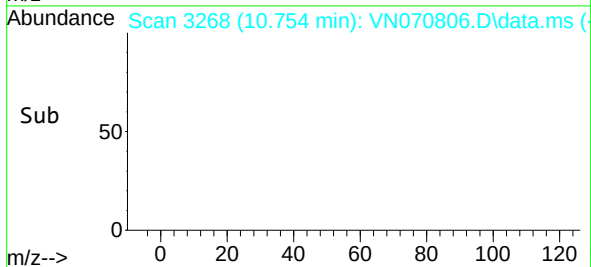
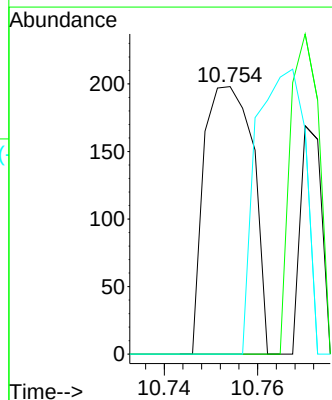
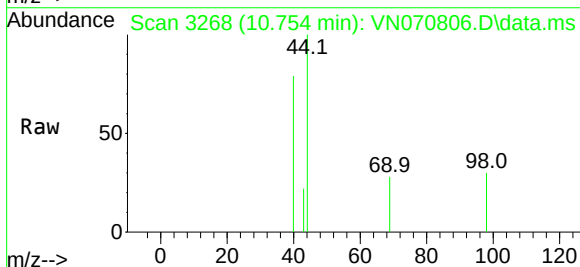
Ion	Ratio	Lower	Upper
97	100		
83	257.2	67.8	101.6#
85	36.6	45.4	68.2#
99	15.2	49.4	74.0#

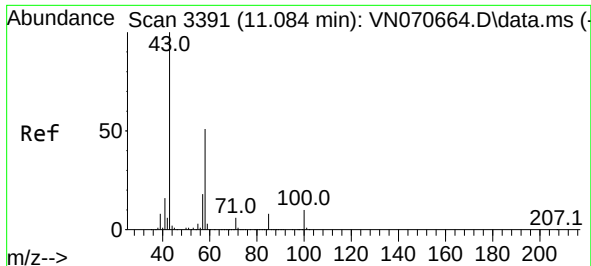


#56
 Ethyl methacrylate
 Concen: 2.309 ug/l
 RT: 10.754 min Scan# 3268
 Delta R.T. -0.006 min
 Lab File: VN070806.D
 Acq: 27 Jan 2022 15:14

Tgt Ion: 69 Resp: 144

Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.4	77.0#
39	0.0	34.6	52.0#

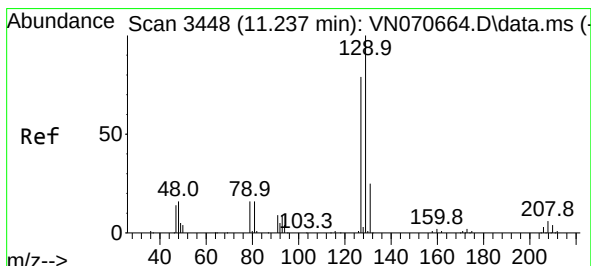
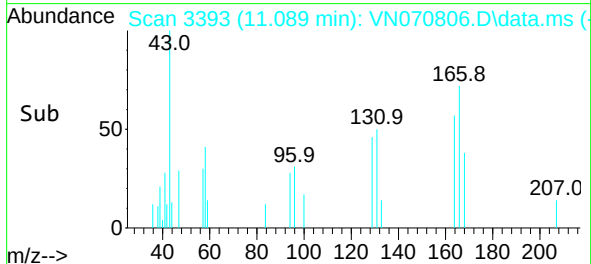
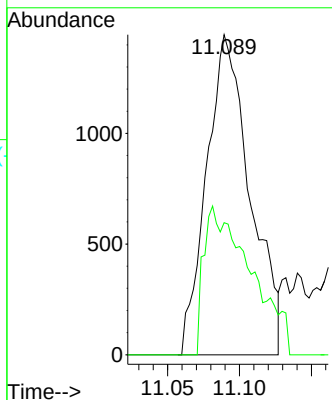
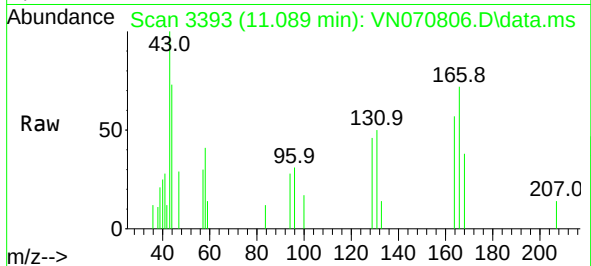




#59
2-Hexanone
Concen: 0.226 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

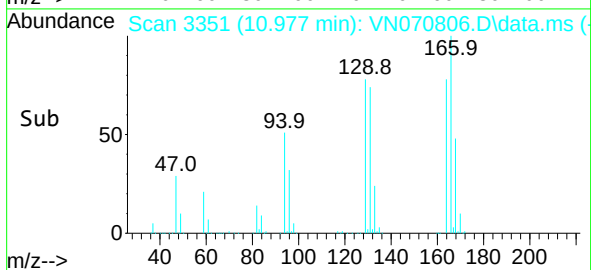
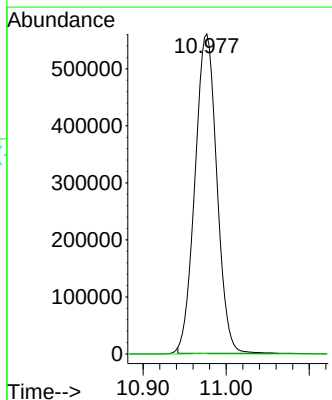
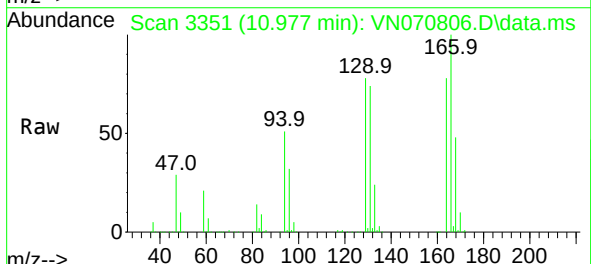
Instrument :
MSVOA_N
ClientSampleId :
MW-1

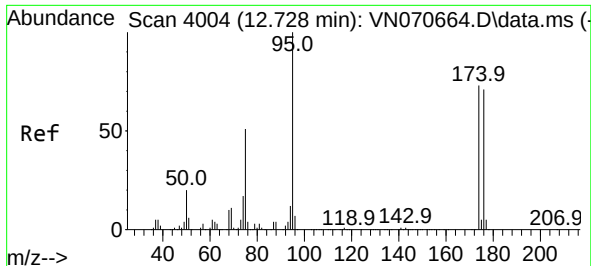
Tgt Ion: 43 Resp: 3055
Ion Ratio Lower Upper
43 100
58 17.6 26.9 80.7#



#60
Dibromochloromethane
Concen: 104.698 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.260 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

Tgt Ion:129 Resp: 1023510
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

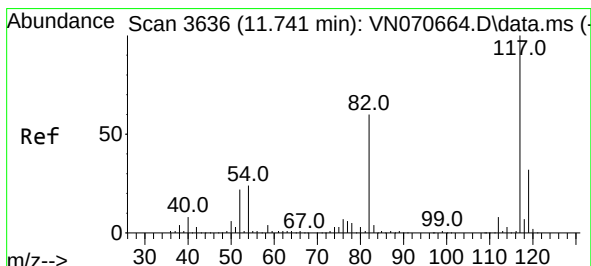
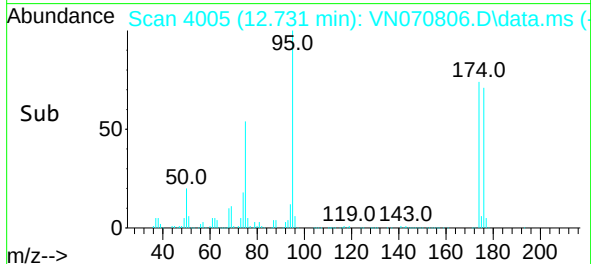
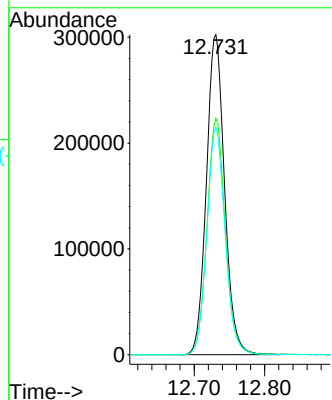
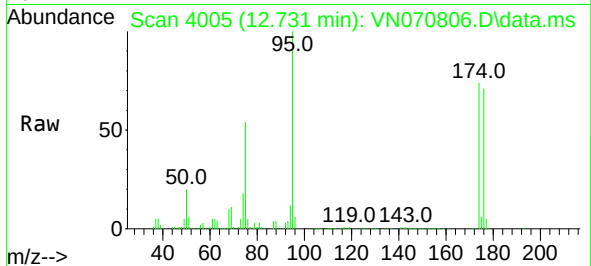




#62
4-Bromofluorobenzene
Concen: 42.183 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

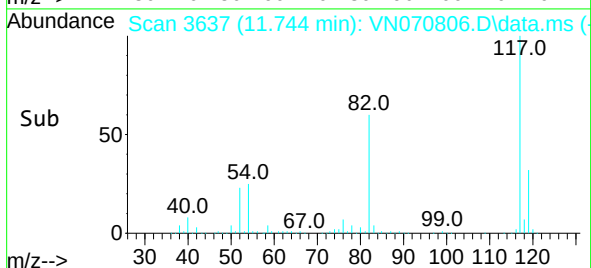
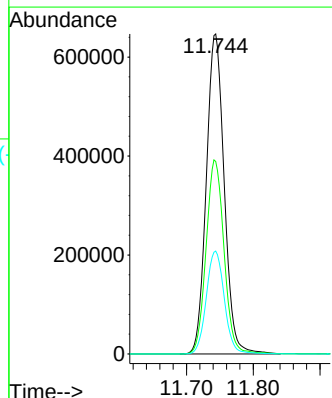
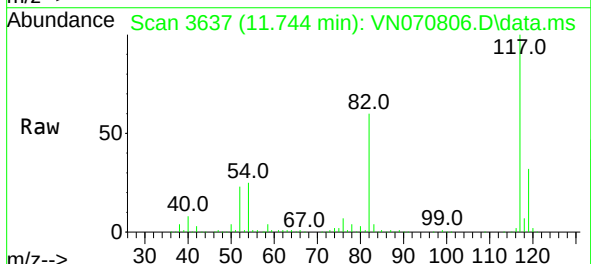
Instrument :
MSVOA_N
ClientSampleId :
MW-1

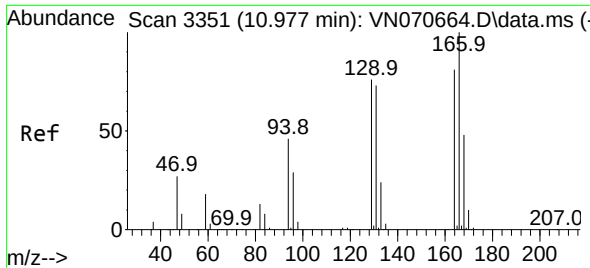
Tgt Ion: 95 Resp: 541420
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

Tgt Ion: 117 Resp: 1204286
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 32.1 25.4 38.2

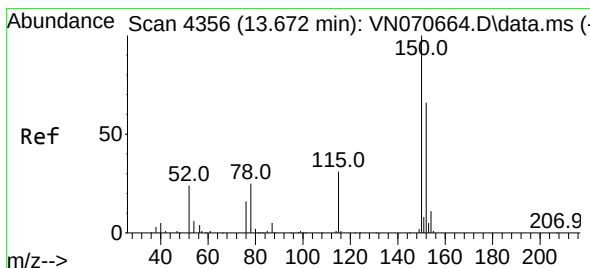
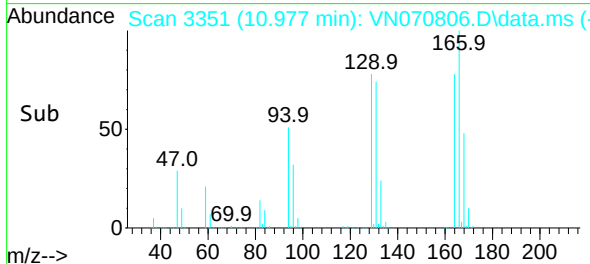
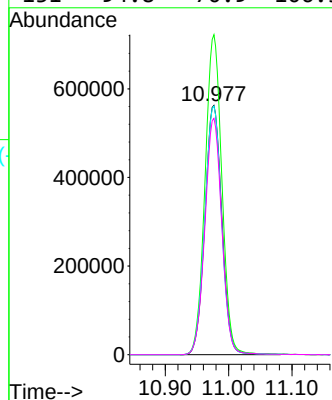
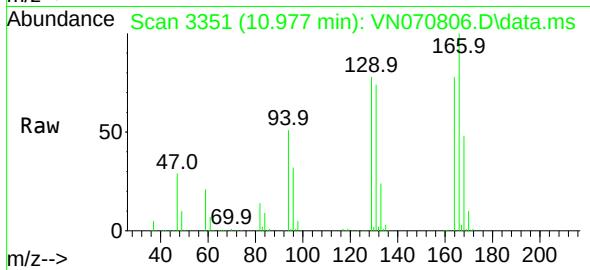




#64
Tetrachloroethene
Concen: 118.387 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

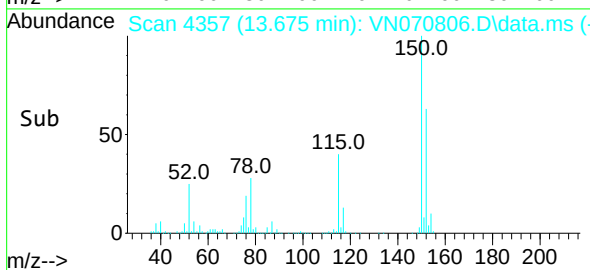
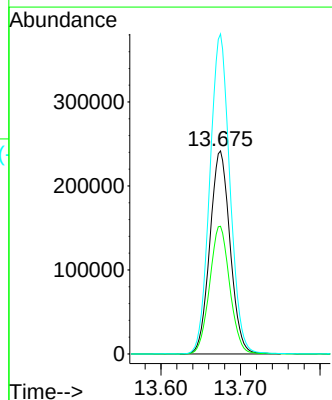
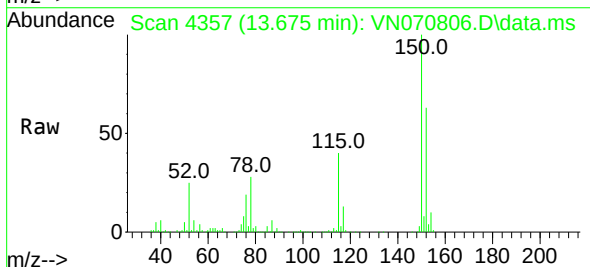
Instrument :
MSVOA_N
ClientSampleId :
MW-1

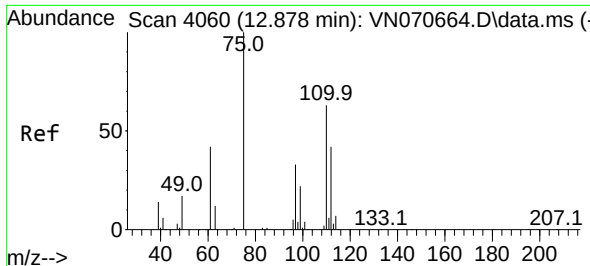
Tgt Ion:164 Resp: 1045349
Ion Ratio Lower Upper
164 100
166 128.4 101.9 152.9
129 99.7 72.0 108.0
131 94.8 70.9 106.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

Tgt Ion:152 Resp: 427558
Ion Ratio Lower Upper
152 100
115 62.6 27.5 82.5
150 156.6 0.0 344.4

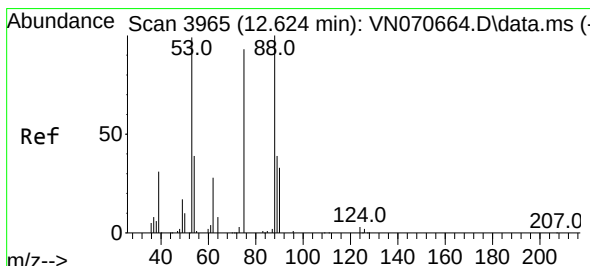
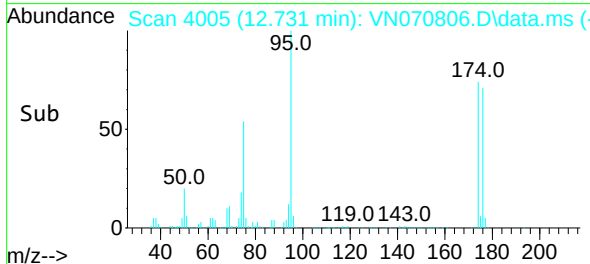
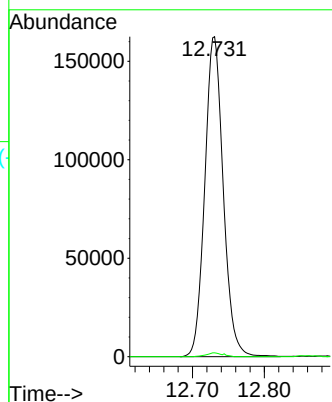
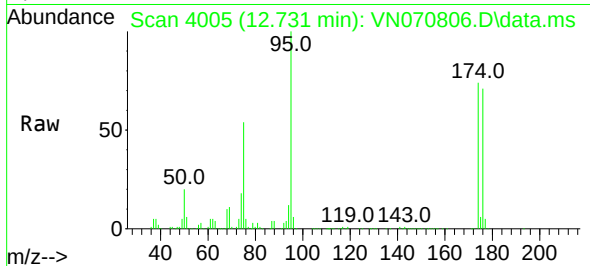




#76
1,2,3-Trichloropropane
Concen: 25.630 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

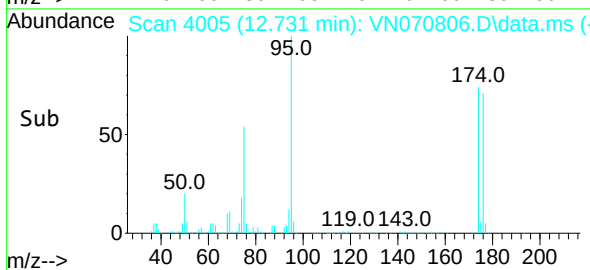
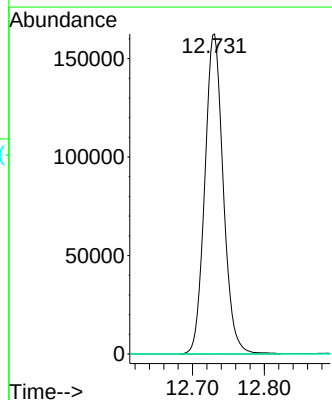
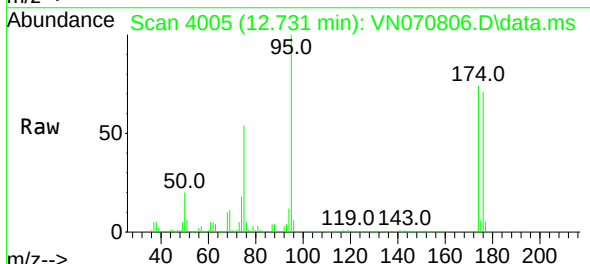
Instrument :
MSVOA_N
ClientSampleId :
MW-1

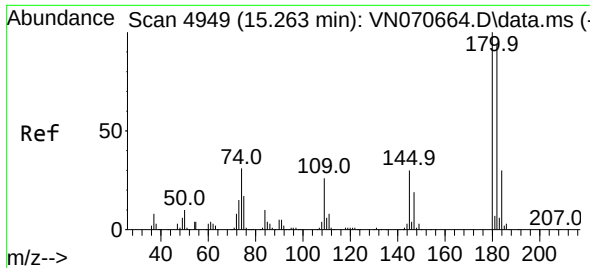
Tgt Ion: 75 Resp: 290646
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.357 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

Tgt Ion: 75 Resp: 290646
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

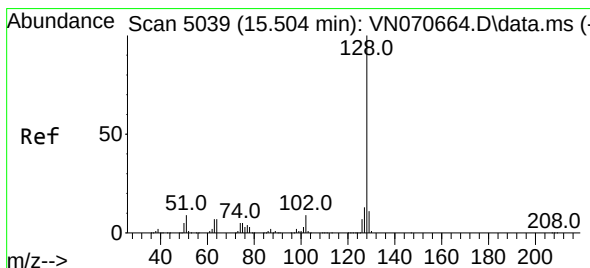
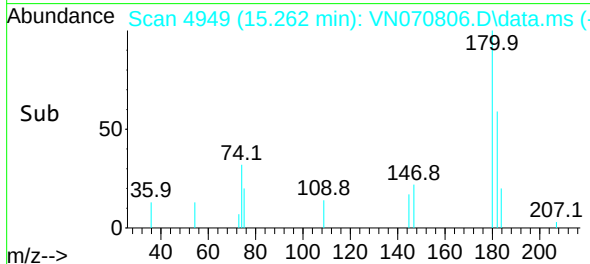
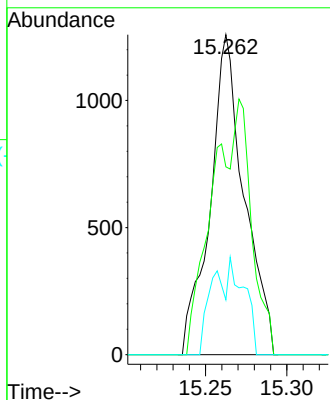
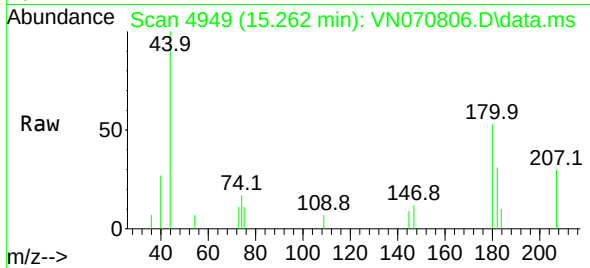




#93
1,2,4-Trichlorobenzene
Concen: 3.641 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.001 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

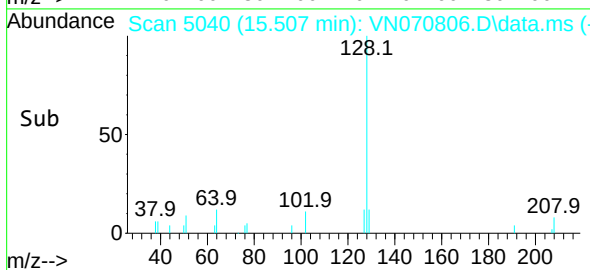
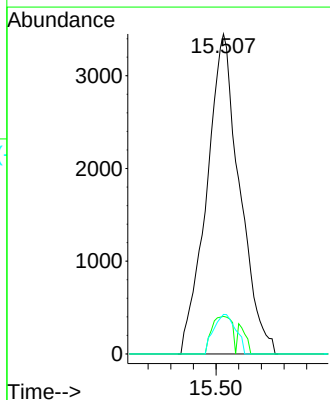
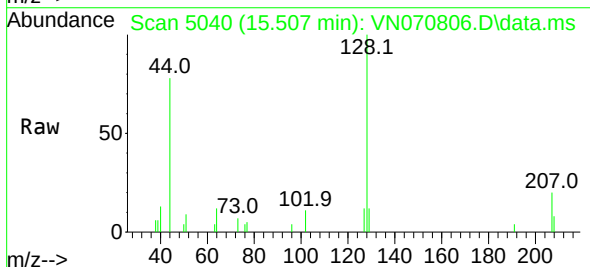
Instrument :
MSVOA_N
ClientSampleId :
MW-1

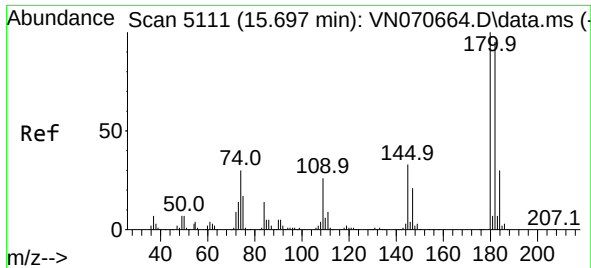
Tgt Ion:180 Resp: 1833
Ion Ratio Lower Upper
180 100
182 43.2 48.3 144.9#
145 14.4 14.5 43.5#



#95
Naphthalene
Concen: 5.232 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070806.D
Acq: 27 Jan 2022 15:14

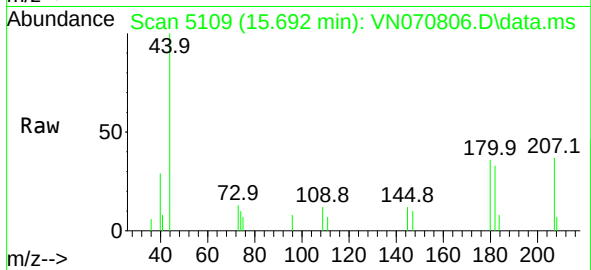
Tgt Ion:128 Resp: 6971
Ion Ratio Lower Upper
128 100
127 7.1 10.5 15.7#
129 8.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.353 ug/l
 RT: 15.692 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: VN070806.D
 Acq: 27 Jan 2022 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1



Tgt Ion:180 Resp: 1107
 Ion Ratio Lower Upper
 180 100
 182 169.5 47.4 142.2#
 145 18.0 15.0 45.1

