

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070810.D
 Acq On : 27 Jan 2022 16:56
 Operator : JC/MD
 Sample : N1278-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D

Quant Time: Jan 28 00:37:44 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)

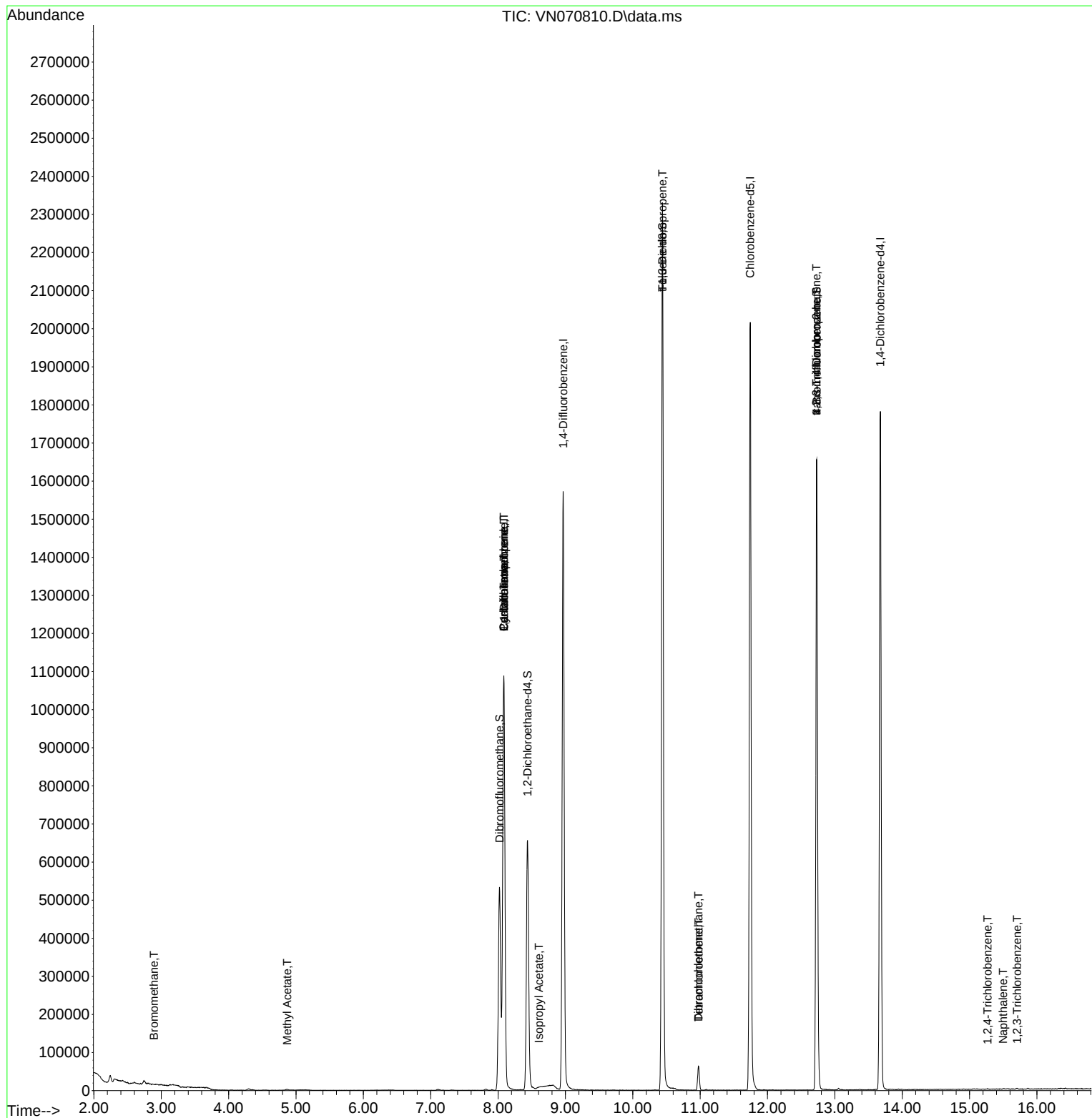
Internal Standards						
1) Pentafluorobenzene	8.086	168	828307	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1330078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1178193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	494194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	581237	48.963	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.920%
35) Dibromofluoromethane	8.021	113	391982	47.510	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.020%
50) Toluene-d8	10.440	98	1640685	47.204	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.400%
62) 4-Bromofluorobenzene	12.731	95	598246	48.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.600%
Target Compounds						
					Qvalue	
5) Bromomethane	2.891	94	1480	0.214	ug/l	# 62
18) Methyl Acetate	4.870	43	4500	0.278	ug/l	# 81
30) Chloroform	7.818	83	3702	Below Cal		90
31) Cyclohexane	8.086	56	19731	0.944	ug/l	# 13
36) 1,1-Dichloropropene	8.086	75	68943	4.964	ug/l	# 49
38) Carbon Tetrachloride	8.086	117	87415	7.075	ug/l	# 16
43) Isopropyl Acetate	8.609	43	6008	0.213	ug/l	# 55
53) t-1,3-Dichloropropene	10.440	75	486	2.431	ug/l	# 1
60) Dibromochloromethane	10.974	129	14547	1.542	ug/l	# 11
64) Tetrachloroethene	10.977	164	14631	1.694	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	319495	24.375	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.728	75	319495	72.618	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.268	180	576	3.484	ug/l	80
95) Naphthalene	15.499	128	966	4.983	ug/l	# 82
96) 1,2,3-Trichlorobenzene	15.705	180	622	3.283	ug/l	# 68

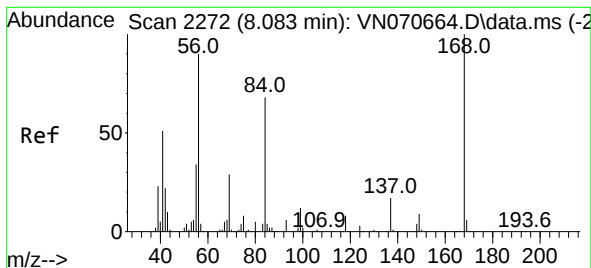
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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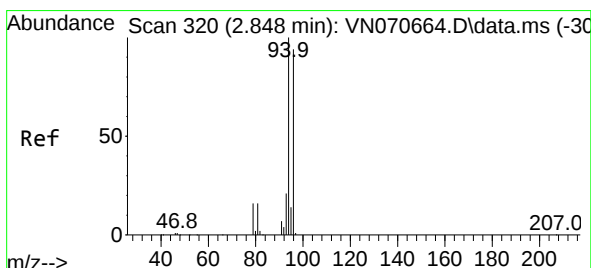
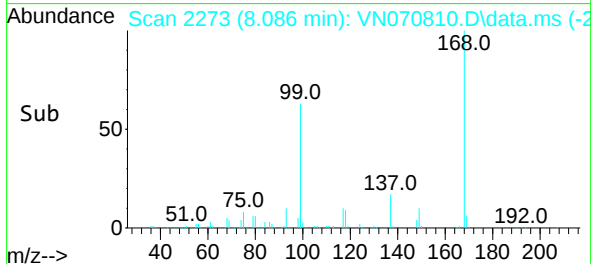
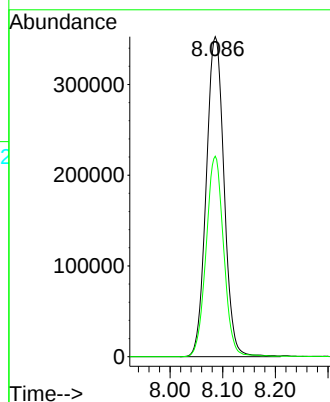
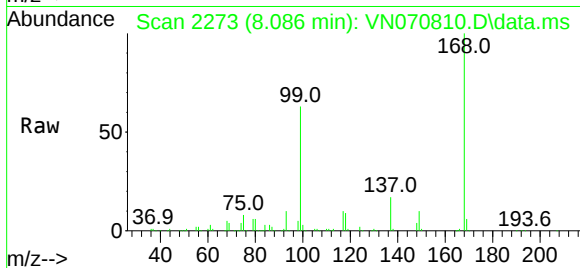




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

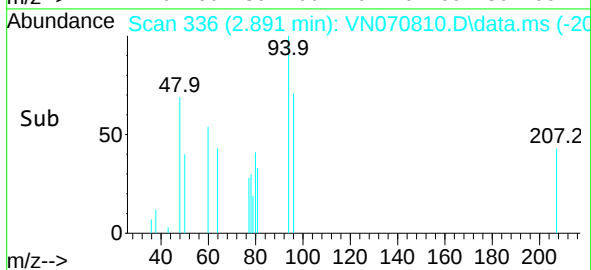
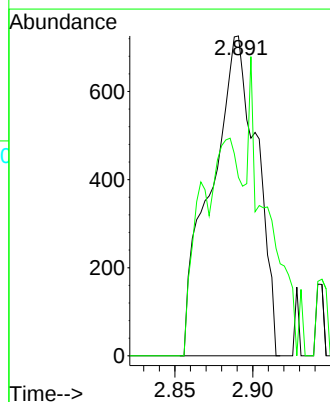
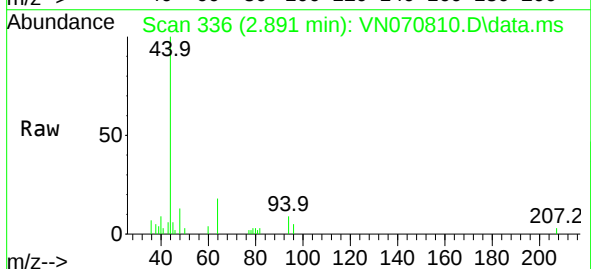
Instrument :
MSVOA_N
ClientSampleId :
MW-1D

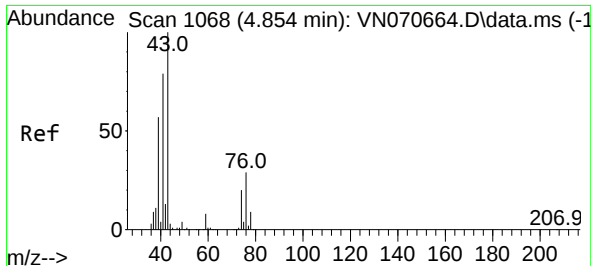
Tgt Ion:168 Resp: 828307
Ion Ratio Lower Upper
168 100
99 62.6 41.3 61.9#



#5
Bromomethane
Concen: 0.214 ug/l
RT: 2.891 min Scan# 336
Delta R.T. 0.043 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

Tgt Ion: 94 Resp: 1480
Ion Ratio Lower Upper
94 100
96 55.8 73.8 110.8#





#18

Methyl Acetate

Concen: 0.278 ug/l

RT: 4.870 min Scan# 1074

Delta R.T. 0.016 min

Lab File: VN070810.D

Acq: 27 Jan 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

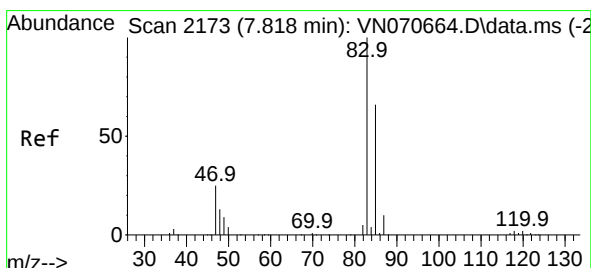
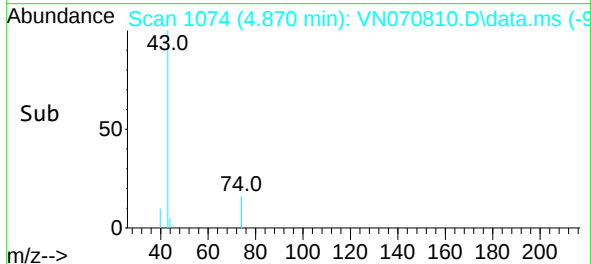
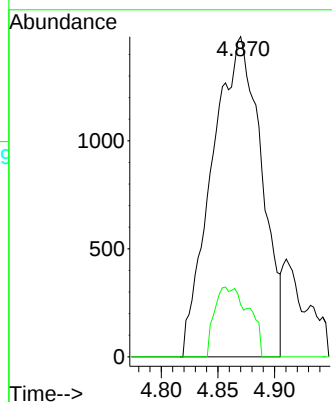
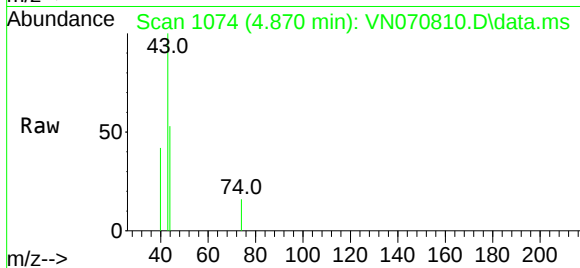
MW-1D

Tgt Ion: 43 Resp: 4500

Ion Ratio Lower Upper

43 100

74 15.0 19.4 29.2#



#30

Chloroform

Concen: Below Cal

RT: 7.818 min Scan# 2173

Delta R.T. -0.000 min

Lab File: VN070810.D

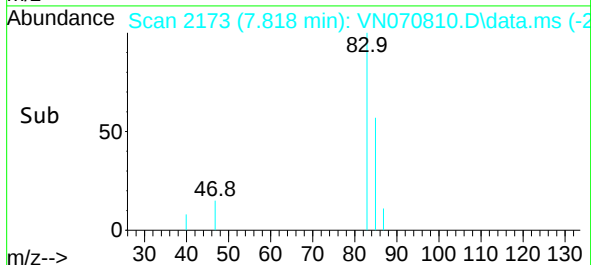
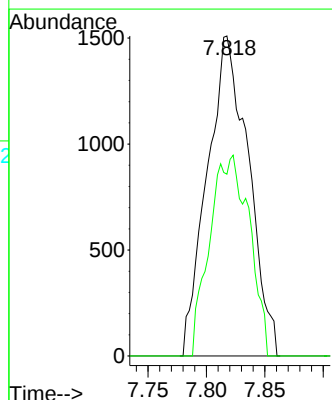
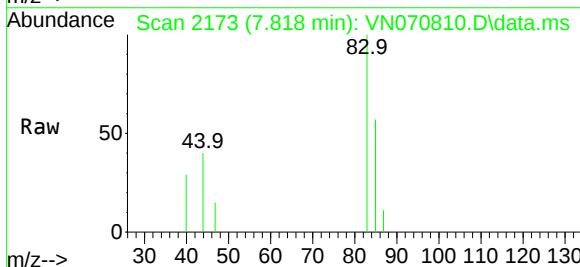
Acq: 27 Jan 2022 16:56

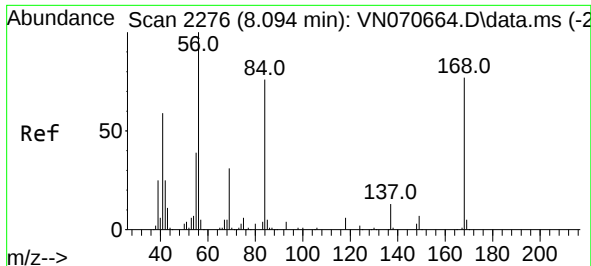
Tgt Ion: 83 Resp: 3702

Ion Ratio Lower Upper

83 100

85 56.8 51.9 77.9

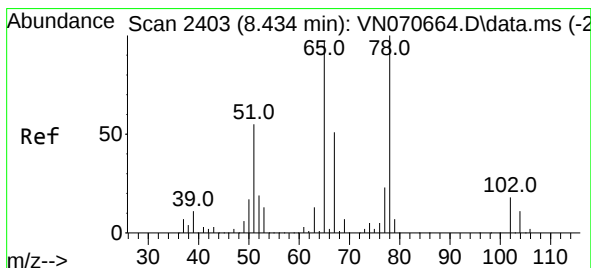
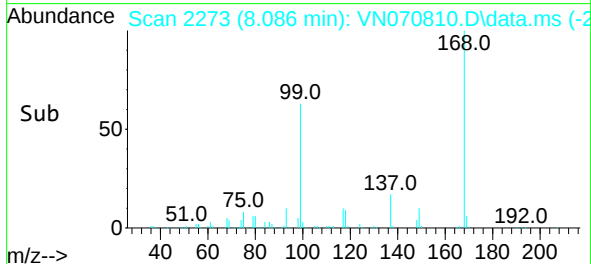
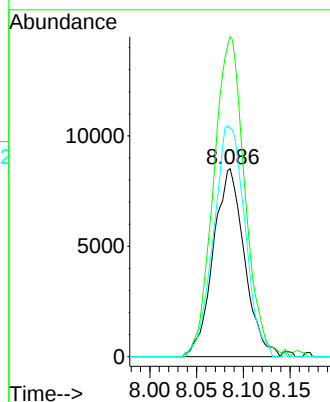
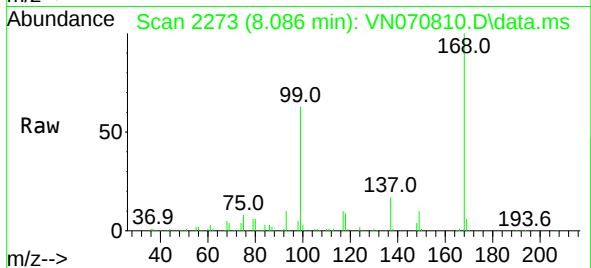




#31
Cyclohexane
Concen: 0.944 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

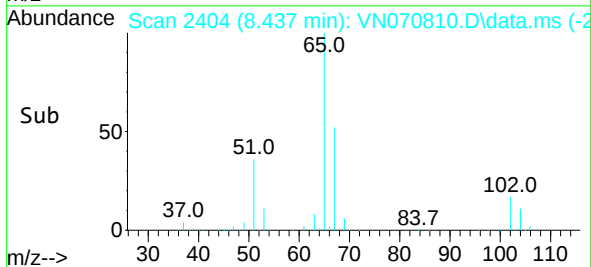
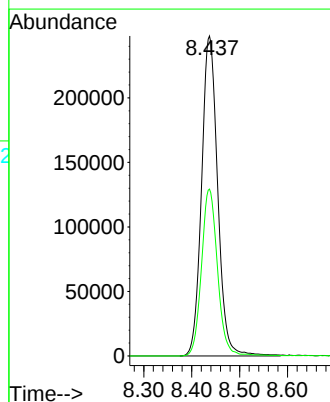
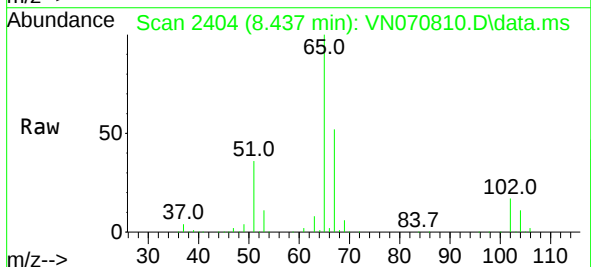
Instrument :
MSVOA_N
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MW-1D

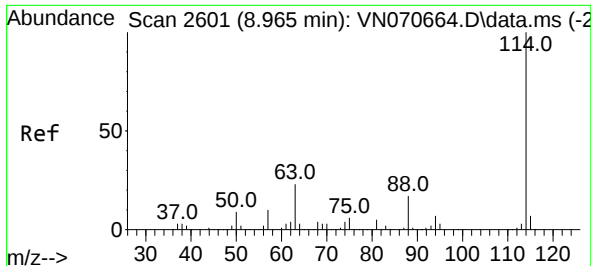
Tgt Ion: 56 Resp: 19731
Ion Ratio Lower Upper
56 100
69 170.2 27.1 40.7#
84 121.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 48.963 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

Tgt Ion: 65 Resp: 581237
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

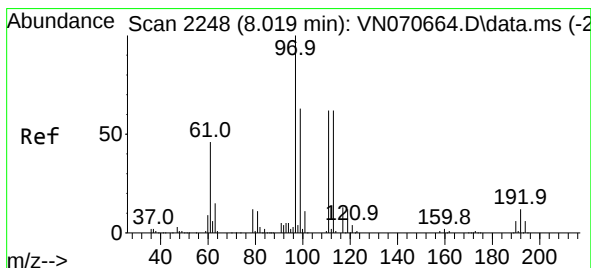
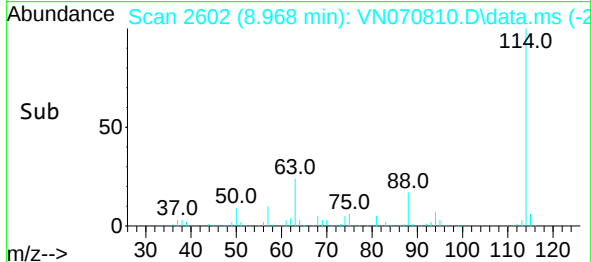
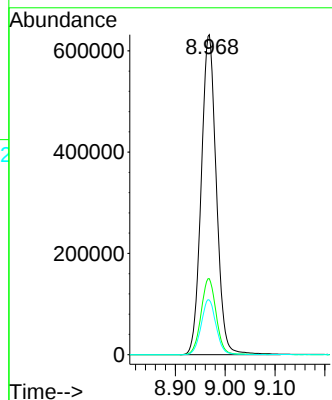
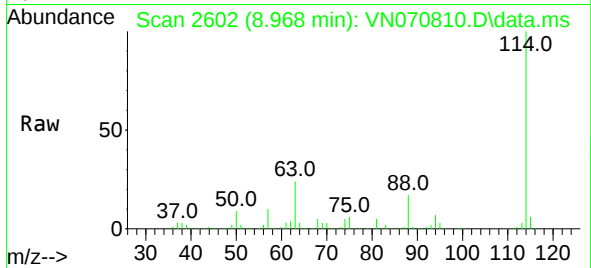




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

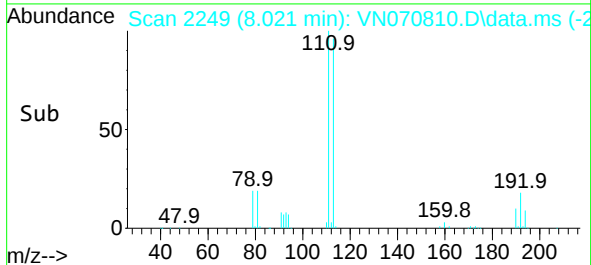
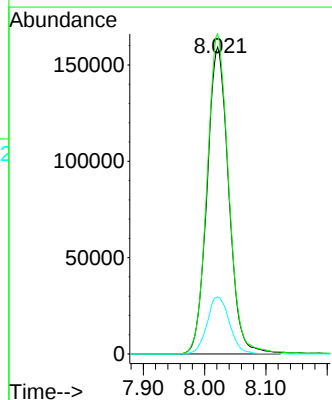
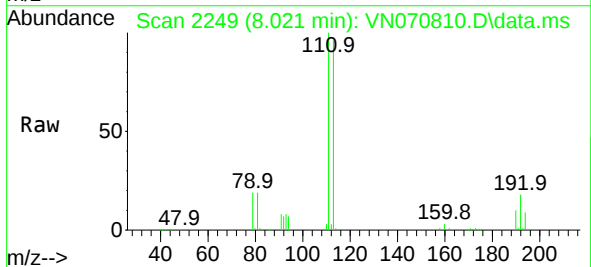
Instrument :
MSVOA_N
ClientSampleId :
MW-1D

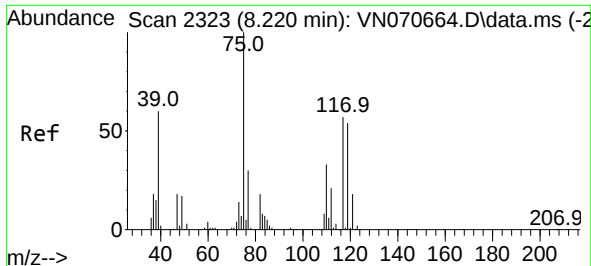
Tgt Ion:114 Resp: 1330078
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 17.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.510 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

Tgt Ion:113 Resp: 391982
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.2 16.9 25.3

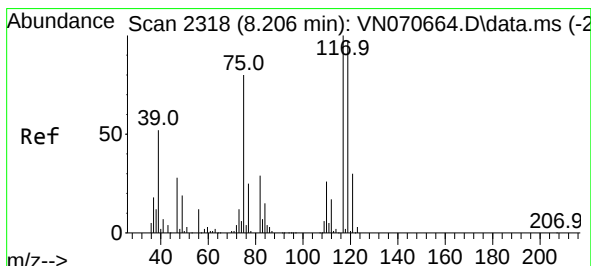
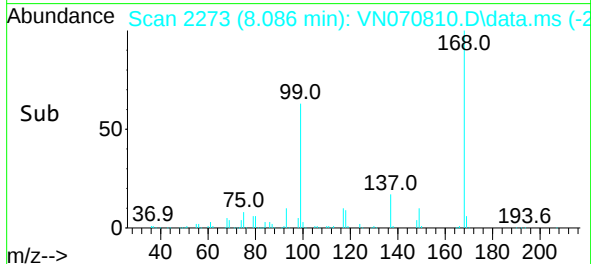
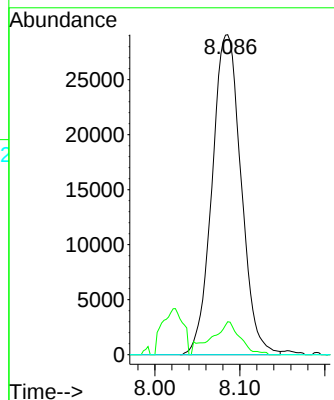
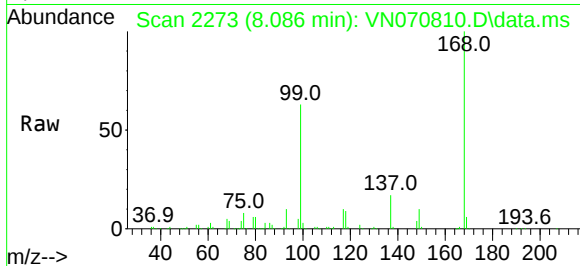




#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.134 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

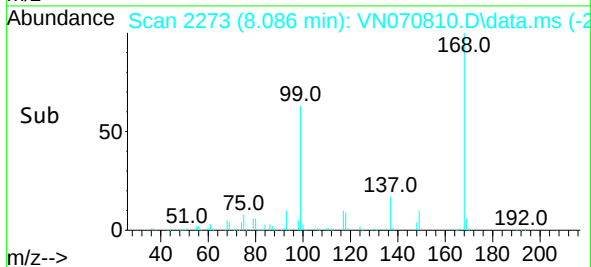
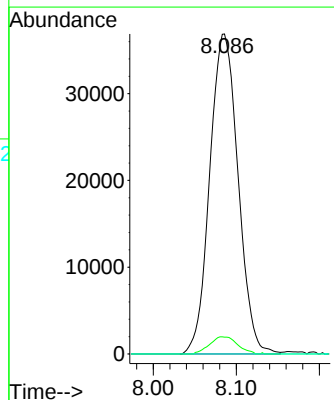
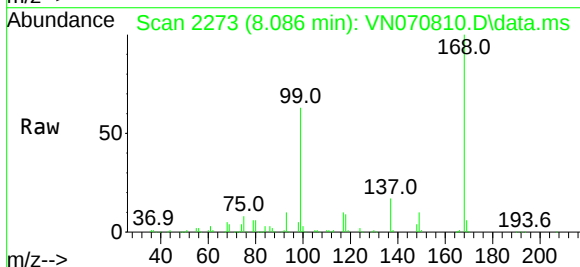
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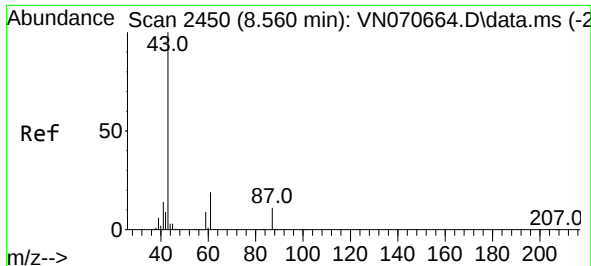
Tgt Ion: 75 Resp: 68943
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.075 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

Tgt Ion: 117 Resp: 87415
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.2 36.2#

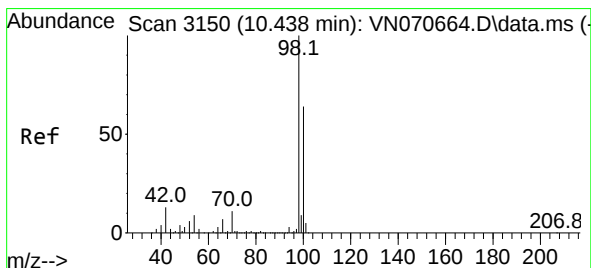
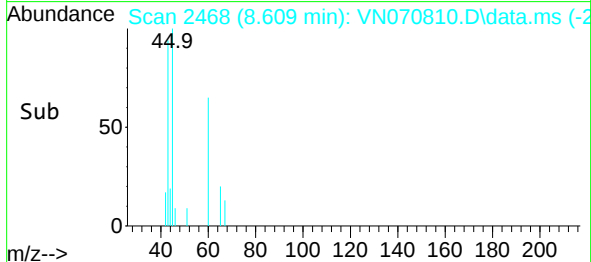
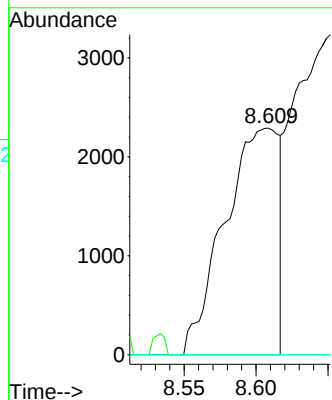
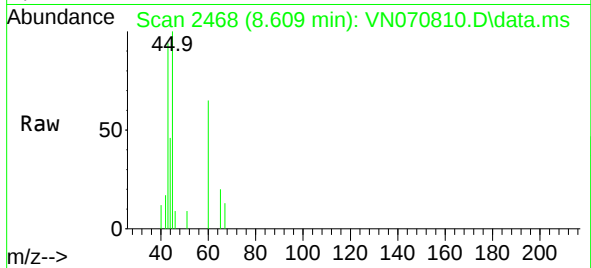




#43
Isopropyl Acetate
Concen: 0.213 ug/l
RT: 8.609 min Scan# 2450
Delta R.T. 0.049 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

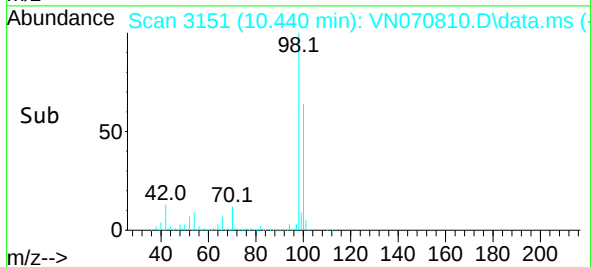
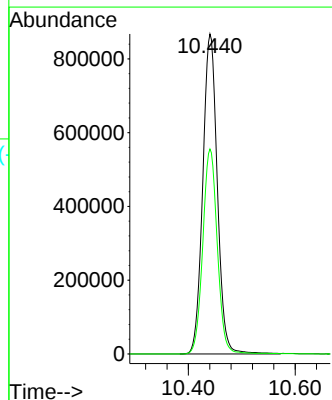
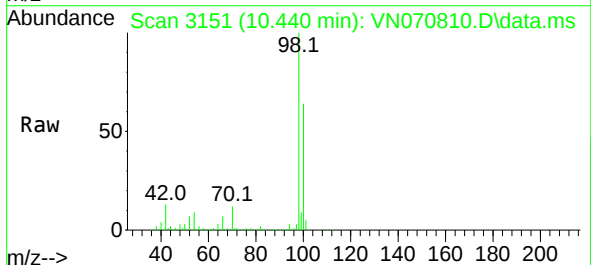
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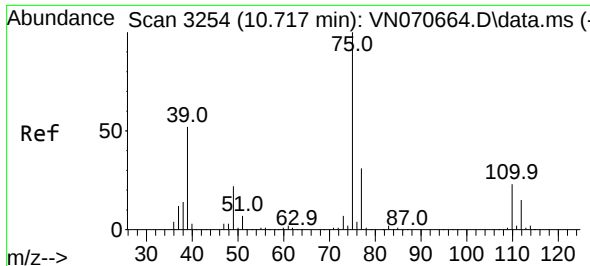
Tgt Ion: 43 Resp: 6008
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 47.204 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

Tgt Ion: 98 Resp: 1640685
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

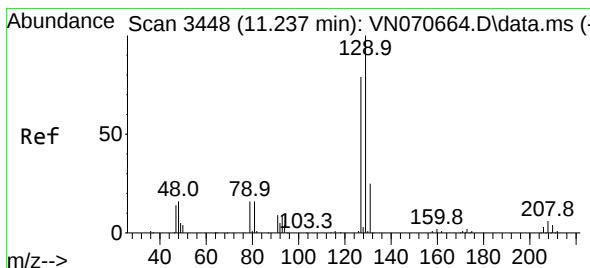
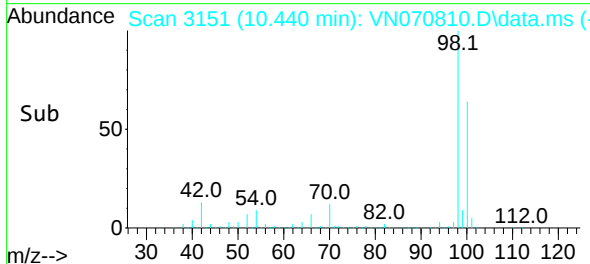
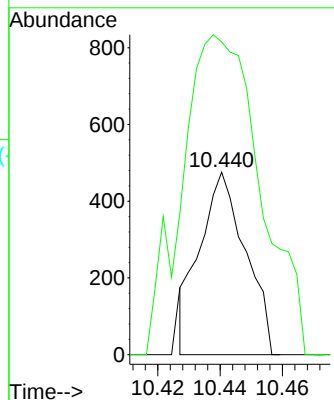
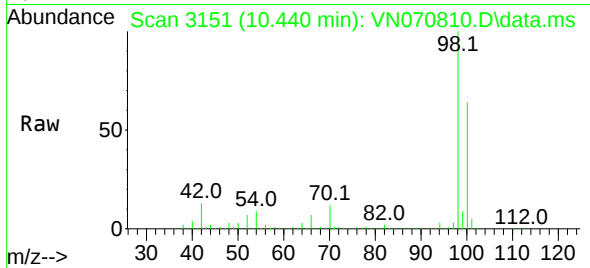




#53
 t-1,3-Dichloropropene
 Concen: 2.431 ug/l
 RT: 10.440 min Scan# 3151
 Delta R.T. -0.277 min
 Lab File: VN070810.D
 Acq: 27 Jan 2022 16:56

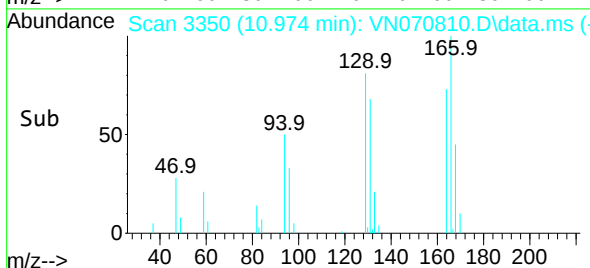
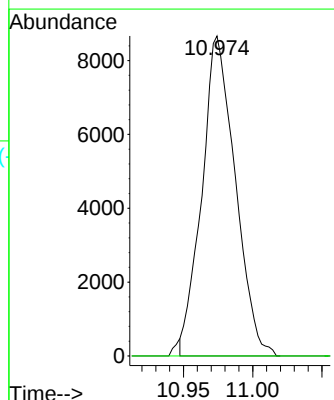
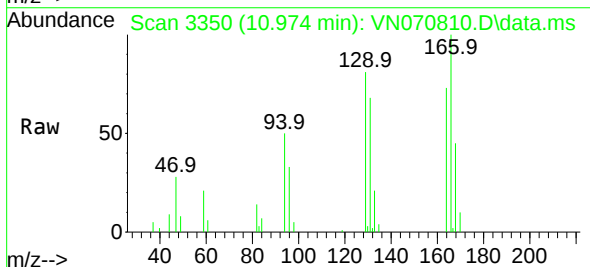
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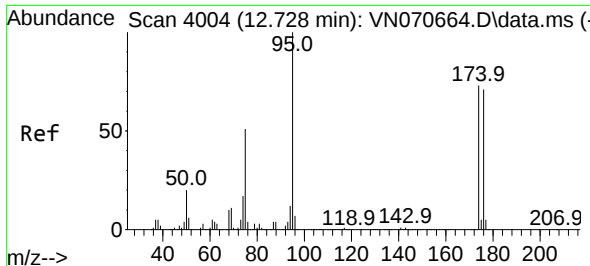
Tgt Ion: 75 Resp: 486
 Ion Ratio Lower Upper
 75 100
 77 113.4 25.6 38.4#



#60
 Dibromochloromethane
 Concen: 1.542 ug/l
 RT: 10.974 min Scan# 3350
 Delta R.T. -0.263 min
 Lab File: VN070810.D
 Acq: 27 Jan 2022 16:56

Tgt Ion: 129 Resp: 14547
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 116.0#

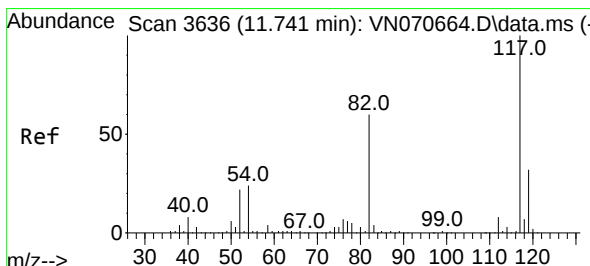
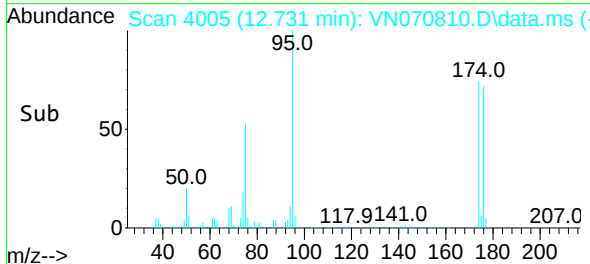
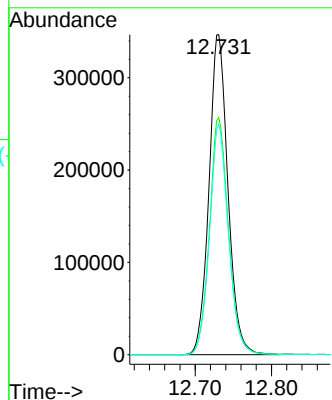
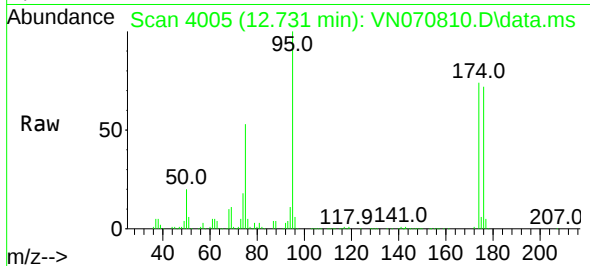




#62
4-Bromofluorobenzene
Concen: 48.302 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

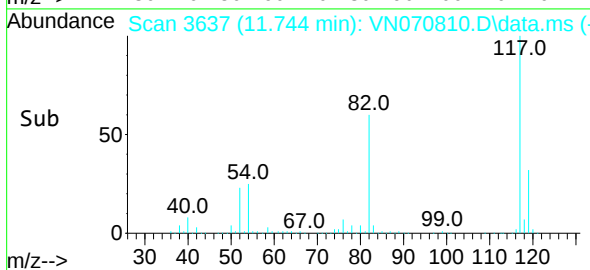
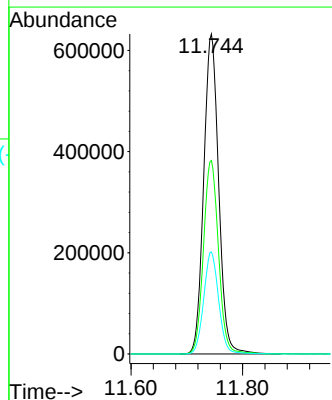
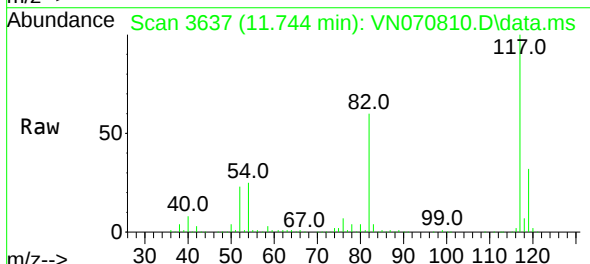
Instrument :
MSVOA_N
ClientSampleId :
MW-1D

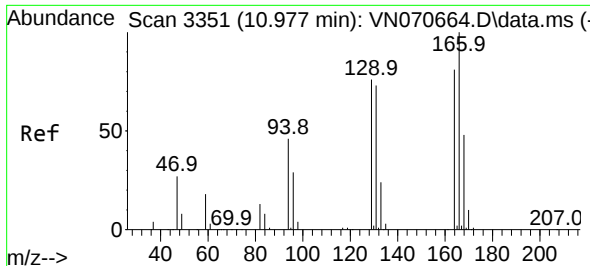
Tgt Ion: 95 Resp: 598246
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 71.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

Tgt Ion: 117 Resp: 1178193
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 31.9 25.4 38.2

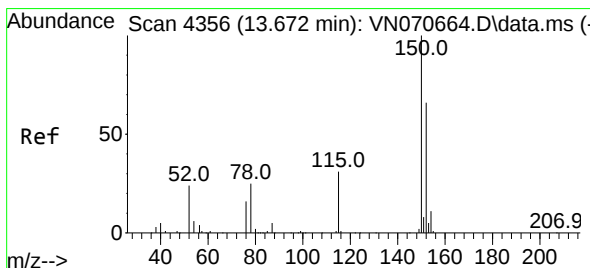
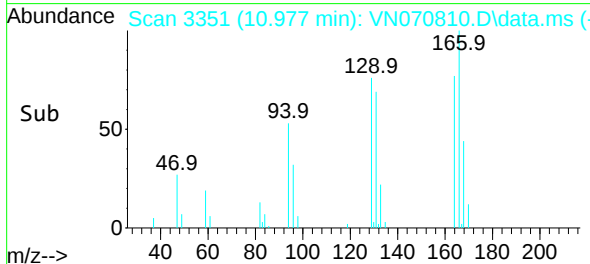
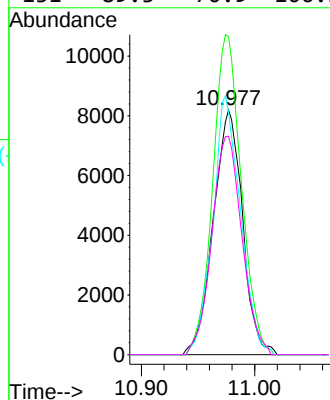
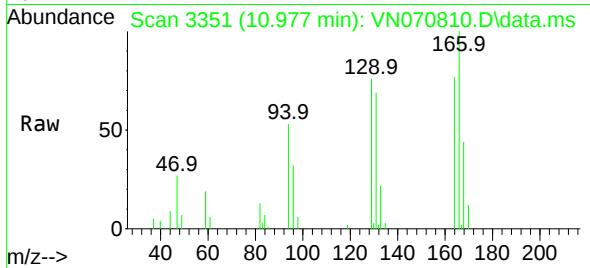




#64
Tetrachloroethene
Concen: 1.694 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

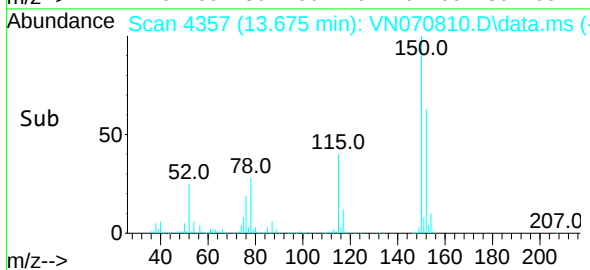
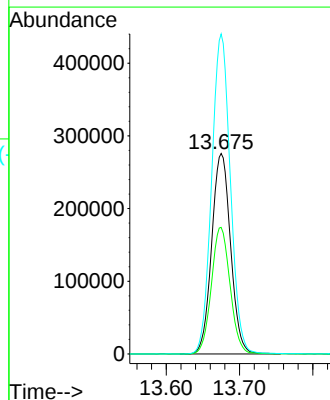
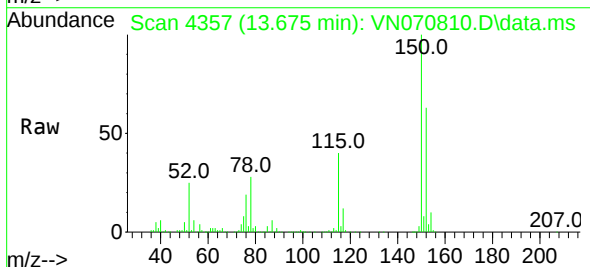
Instrument :
MSVOA_N
ClientSampleId :
MW-1D

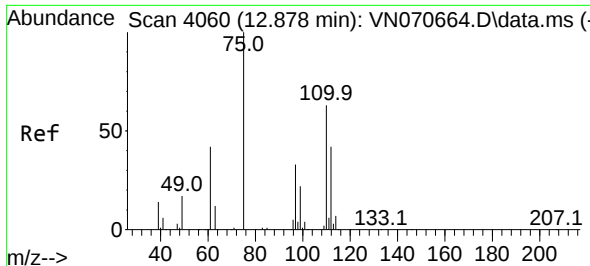
Tgt Ion:164 Resp: 14631
Ion Ratio Lower Upper
164 100
166 129.9 101.9 152.9
129 99.1 72.0 108.0
131 89.3 70.9 106.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

Tgt Ion:152 Resp: 494194
Ion Ratio Lower Upper
152 100
115 62.4 27.5 82.5
150 157.9 0.0 344.4

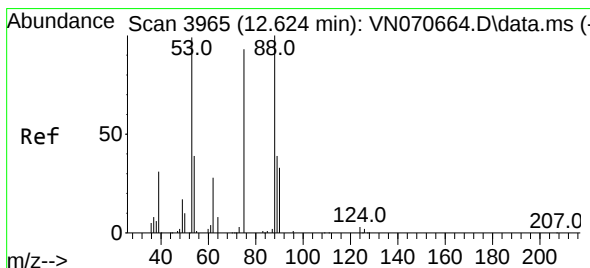
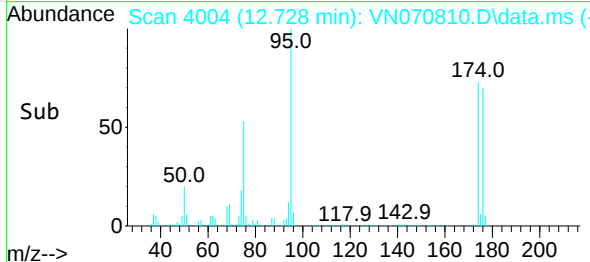
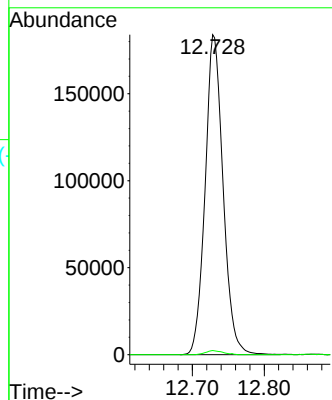
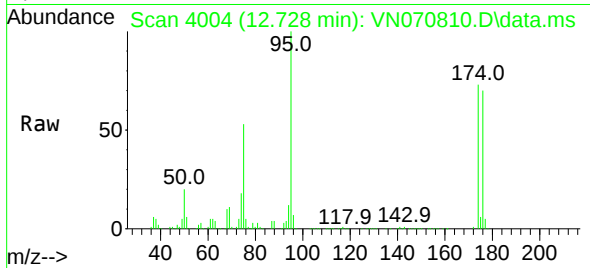




#76
1,2,3-Trichloropropane
Concen: 24.375 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

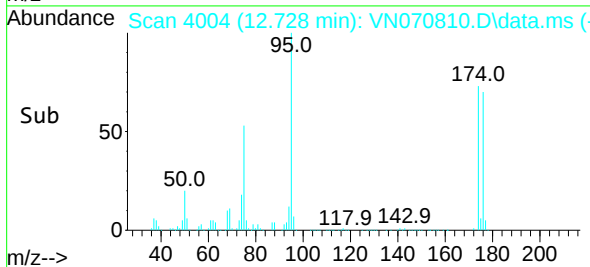
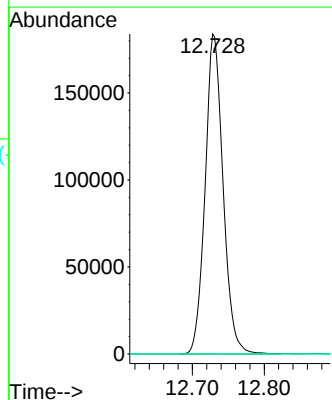
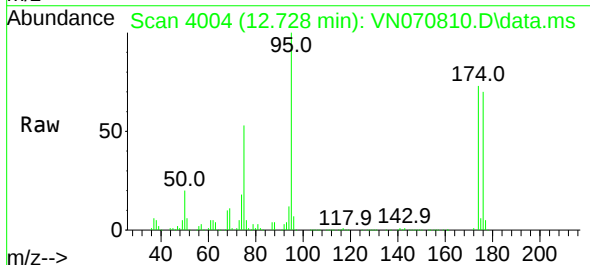
Instrument :
MSVOA_N
ClientSampleId :
MW-1D

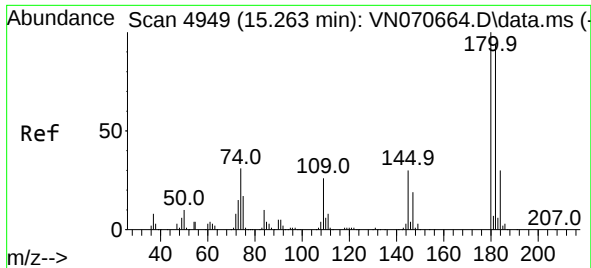
Tgt Ion: 75 Resp: 319495
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.618 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070810.D
Acq: 27 Jan 2022 16:56

Tgt Ion: 75 Resp: 319495
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

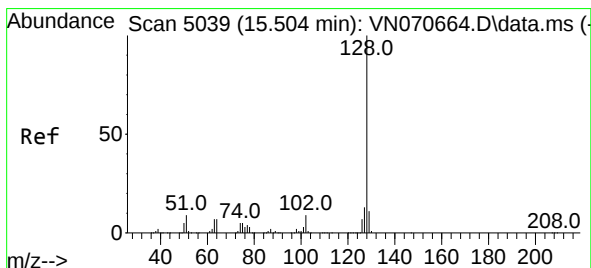
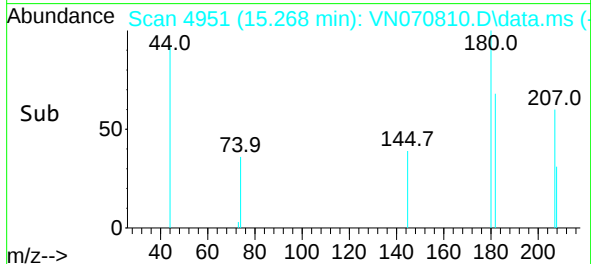
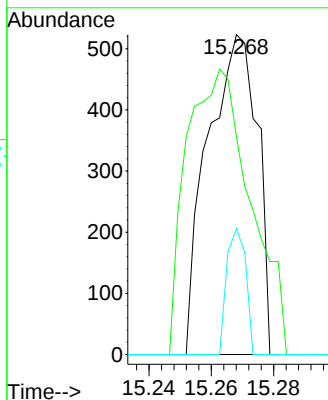
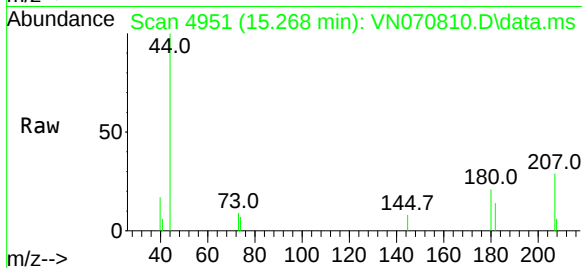




#93
 1,2,4-Trichlorobenzene
 Concen: 3.484 ug/l
 RT: 15.268 min Scan# 4949
 Delta R.T. 0.005 min
 Lab File: VN070810.D
 Acq: 27 Jan 2022 16:56

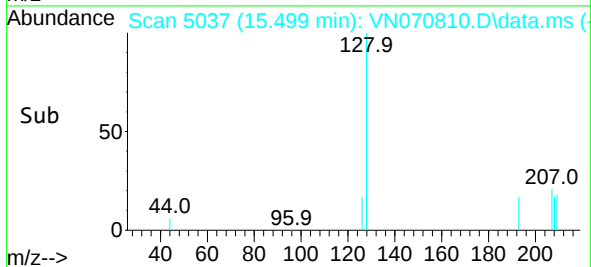
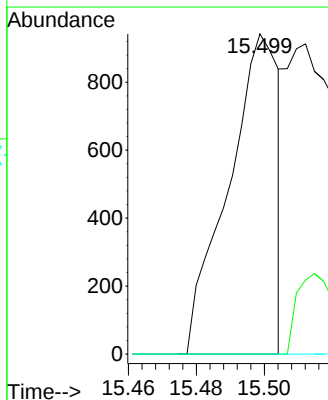
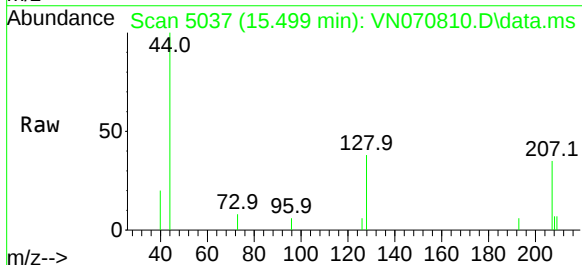
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D

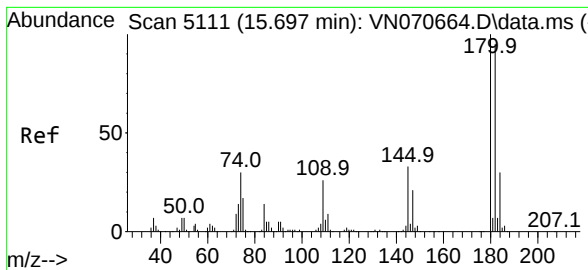
Tgt Ion	Ratio	Lower	Upper
180	100		
182	114.8	48.3	144.9
145	15.1	14.5	43.5



#95
 Naphthalene
 Concen: 4.983 ug/l
 RT: 15.499 min Scan# 5037
 Delta R.T. -0.005 min
 Lab File: VN070810.D
 Acq: 27 Jan 2022 16:56

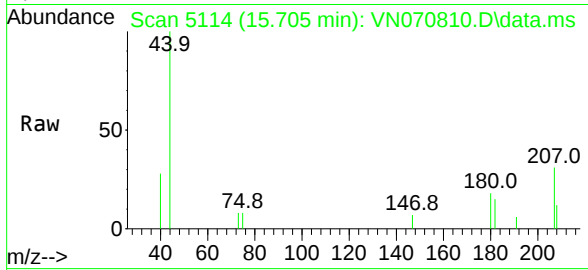
Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.5	15.7#
129	0.0	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.283 ug/l
 RT: 15.705 min Scan# 51
 Delta R.T. 0.008 min
 Lab File: VN070810.D
 Acq: 27 Jan 2022 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D



Tgt Ion:180	Resp:	622
Ion	Ratio	Lower Upper
180	100	
182	68.5	47.4 142.2
145	4.3	15.0 45.1#

