

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074140.D
 Acq On : 26 Aug 2022 16:58
 Operator : JC\MD
 Sample : N4297-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D-20220819

Quant Time: Aug 27 00:21:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

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

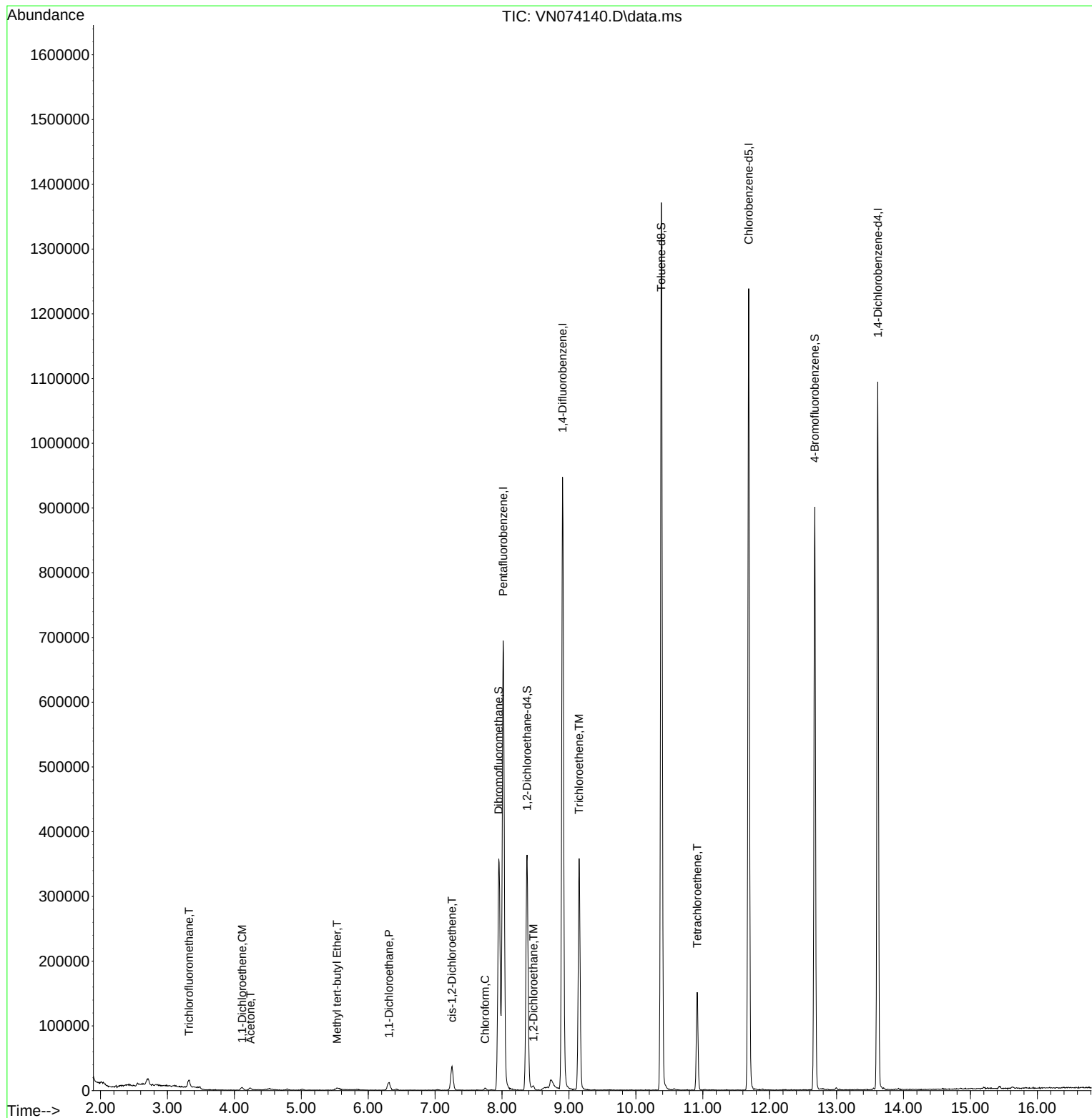
Internal Standards						
1) Pentafluorobenzene	8.016	168	574680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	871203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	736914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	317570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	298743	53.372	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.740%	
35) Dibromofluoromethane	7.951	113	262463	50.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.880%	
50) Toluene-d8	10.381	98	973344	48.779	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.560%	
62) 4-Bromofluorobenzene	12.674	95	299640	45.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.500%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	3.322	101	11619	1.385	ug/l	90
12) 1,1-Dichloroethene	4.116	96	3391	0.748	ug/l #	70
16) Acetone	4.240	43	6513	2.466	ug/l #	86
19) Methyl tert-butyl Ether	5.534	73	4625	0.283	ug/l	95
24) 1,1-Dichloroethane	6.310	63	18673	2.106	ug/l #	90
27) cis-1,2-Dichloroethene	7.251	96	23904	3.877	ug/l	86
30) Chloroform	7.745	83	3451	0.348	ug/l	99
42) 1,2-Dichloroethane	8.469	62	5544	0.714	ug/l	98
44) Trichloroethene	9.151	130	138421	21.219	ug/l	98
64) Tetrachloroethene	10.916	164	37214	6.398	ug/l	98

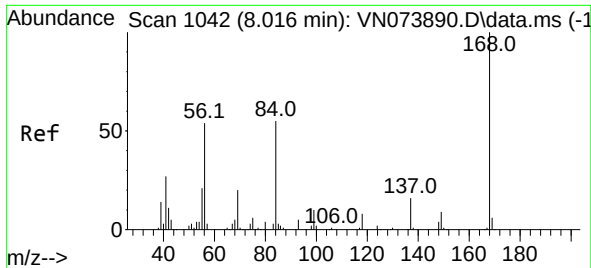
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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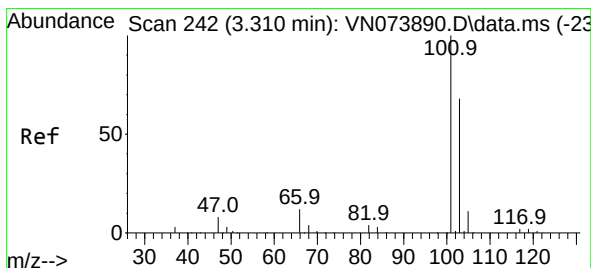
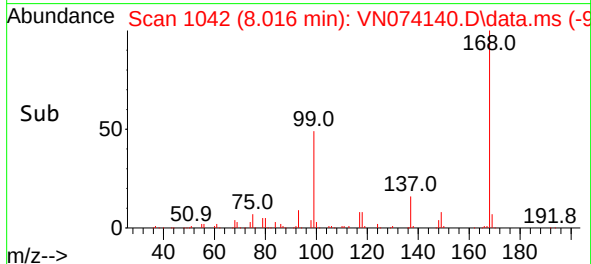
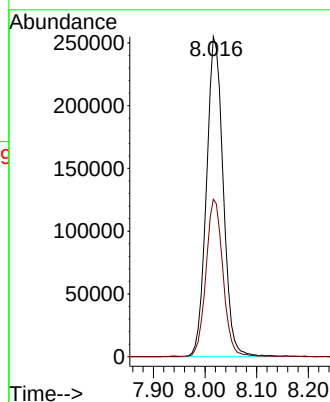
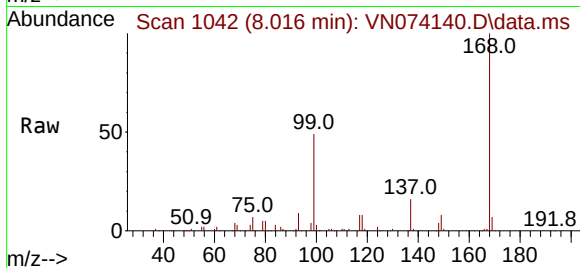




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

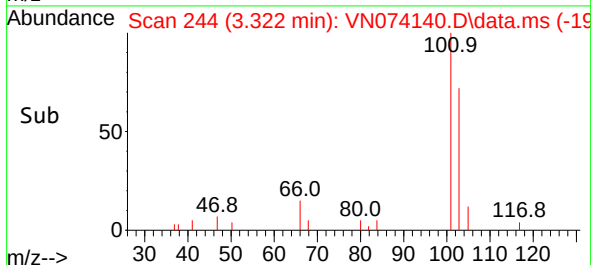
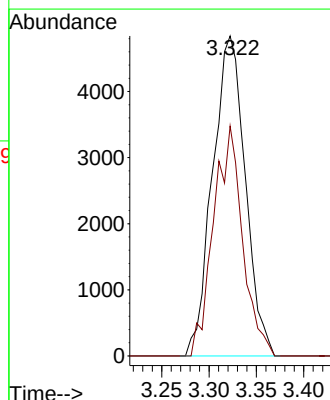
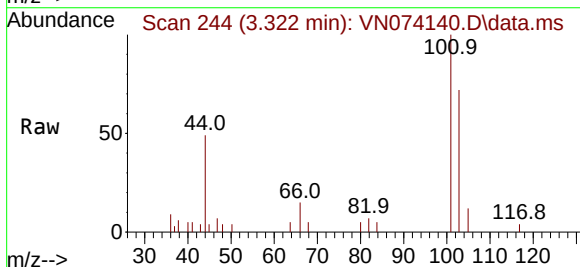
Instrument :
MSVOA_N
ClientSampleId :
MW202D-20220819

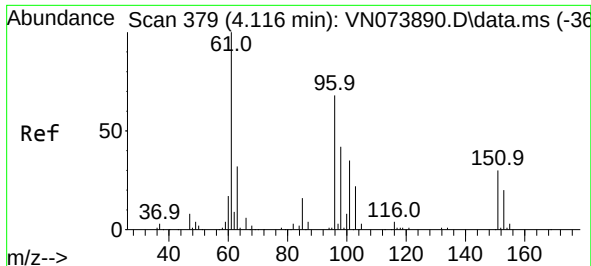
Tgt Ion:168 Resp: 574680
Ion Ratio Lower Upper
168 100
99 49.1 42.3 63.5



#7
Trichlorofluoromethane
Concen: 1.385 ug/l
RT: 3.322 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

Tgt Ion:101 Resp: 11619
Ion Ratio Lower Upper
101 100
103 71.9 51.5 77.3

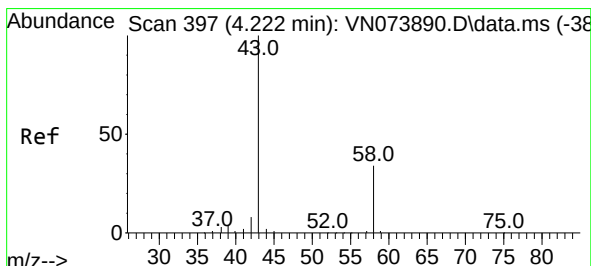
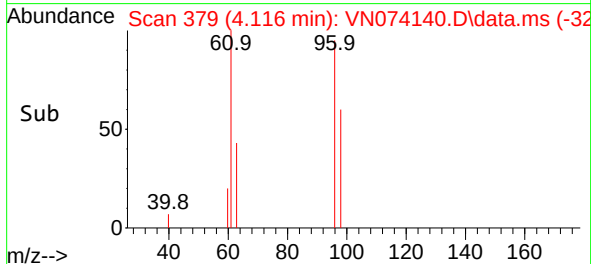
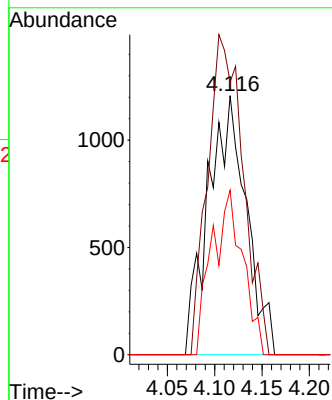
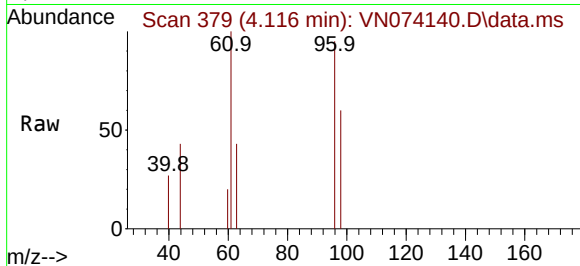




#12
1,1-Dichloroethene
Concen: 0.748 ug/l
RT: 4.116 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

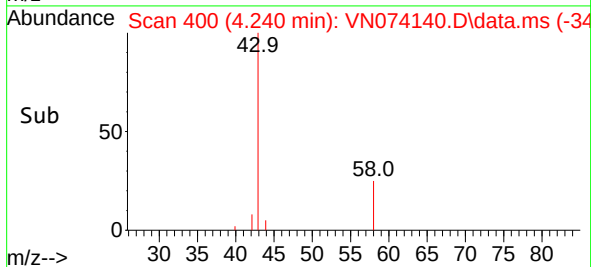
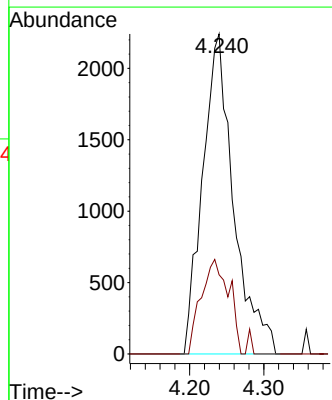
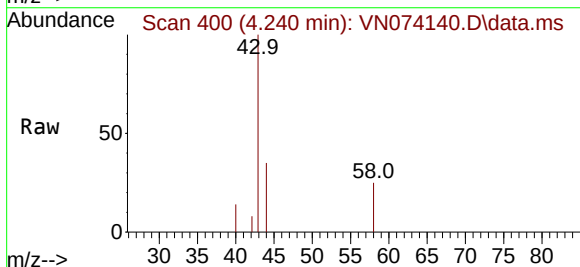
Instrument :
MSVOA_N
ClientSampleId :
MW202D-20220819

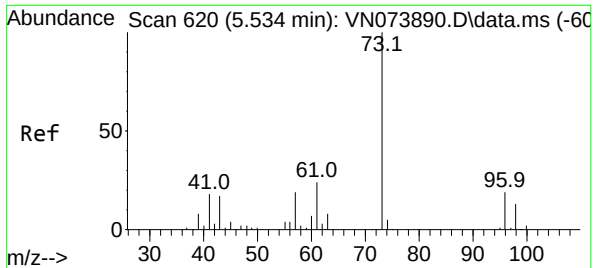
Tgt Ion: 96 Resp: 3391
Ion Ratio Lower Upper
96 100
61 105.2 127.6 191.4#
98 63.5 51.2 76.8



#16
Acetone
Concen: 2.466 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

Tgt Ion: 43 Resp: 6513
Ion Ratio Lower Upper
43 100
58 24.8 26.0 39.0#

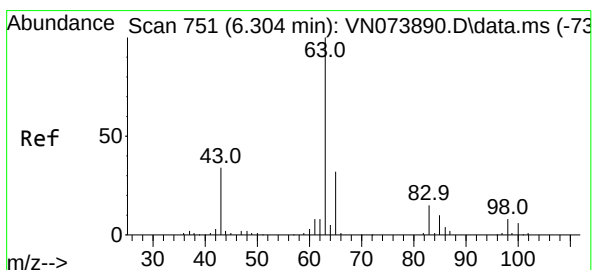
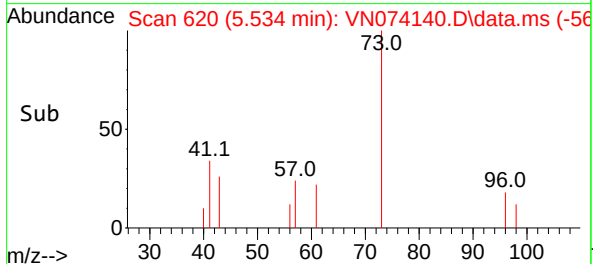
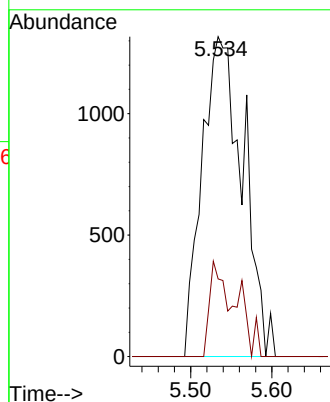
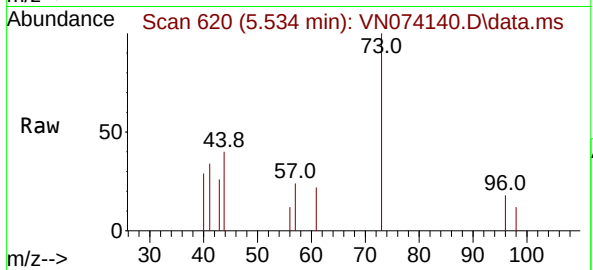




#19
Methyl tert-butyl Ether
Concen: 0.283 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

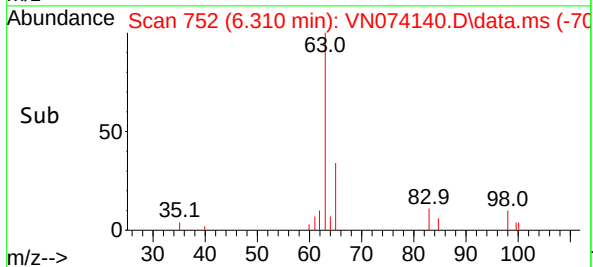
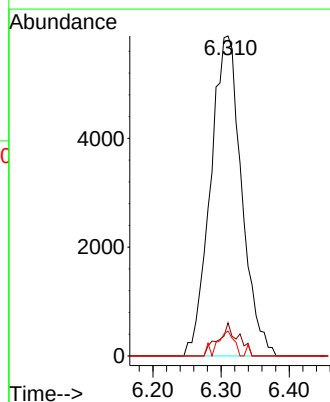
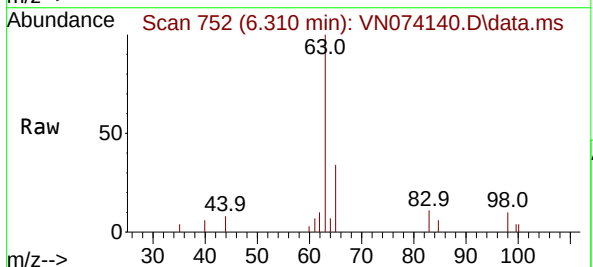
Instrument :
MSVOA_N
ClientSampleId :
MW202D-20220819

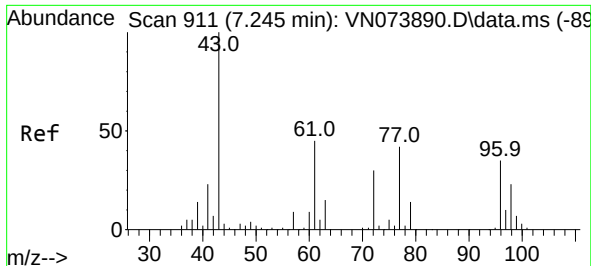
Tgt Ion: 73 Resp: 4625
Ion Ratio Lower Upper
73 100
57 24.3 17.6 26.4



#24
1,1-Dichloroethane
Concen: 2.106 ug/l
RT: 6.310 min Scan# 752
Delta R.T. 0.006 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

Tgt Ion: 63 Resp: 18673
Ion Ratio Lower Upper
63 100
98 10.4 3.5 10.4#
100 7.8 2.3 6.8#

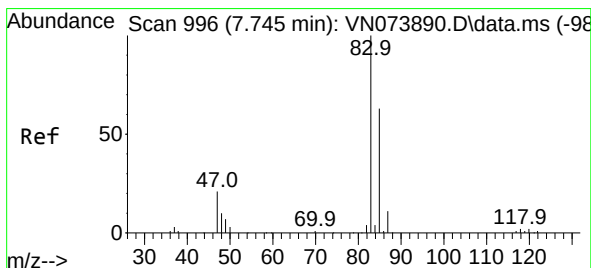
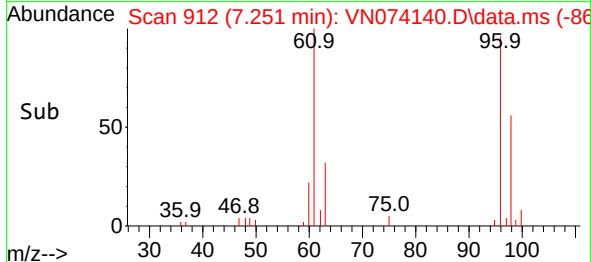
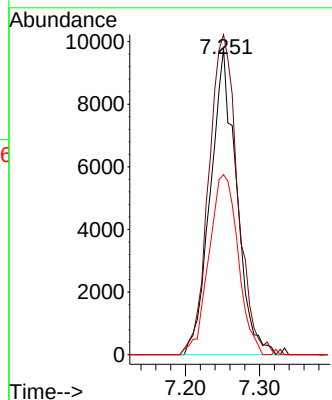
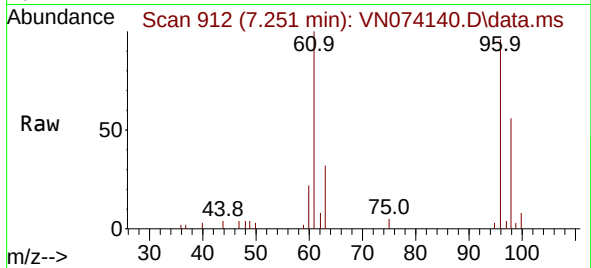




#27
 cis-1,2-Dichloroethene
 Concen: 3.877 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074140.D
 Acq: 26 Aug 2022 16:58

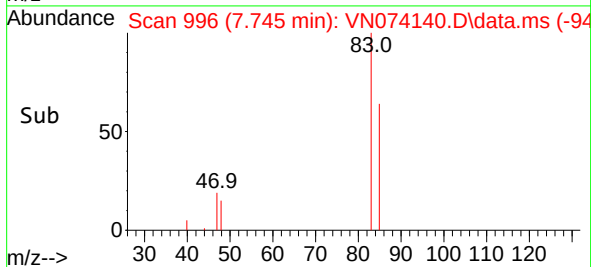
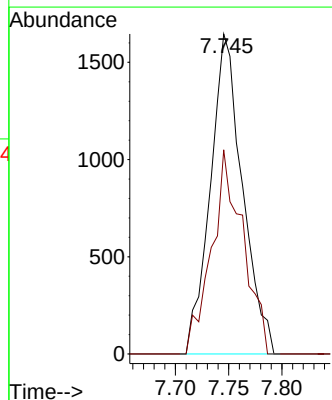
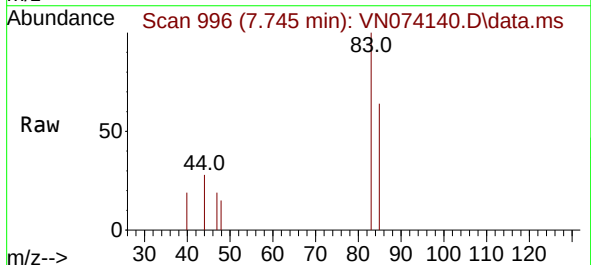
Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D-20220819

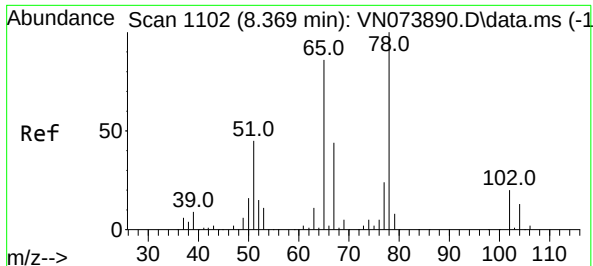
Tgt Ion: 96 Resp: 23904
 Ion Ratio Lower Upper
 96 100
 61 115.7 0.0 280.6
 98 65.7 0.0 128.4



#30
 Chloroform
 Concen: 0.348 ug/l
 RT: 7.745 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN074140.D
 Acq: 26 Aug 2022 16:58

Tgt Ion: 83 Resp: 3451
 Ion Ratio Lower Upper
 83 100
 85 63.8 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 53.372 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074140.D

Acq: 26 Aug 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

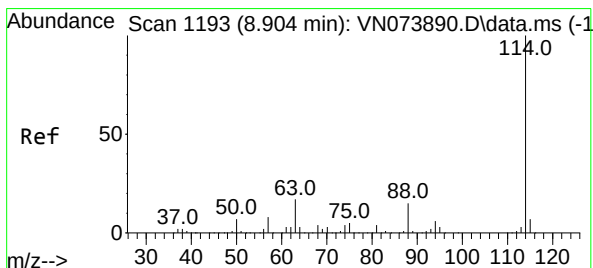
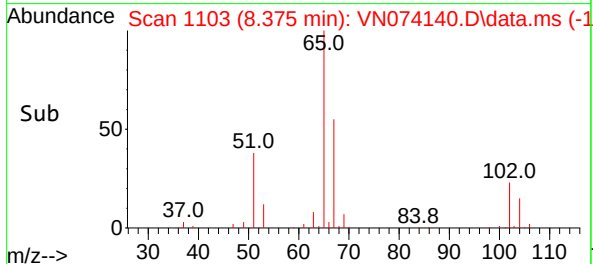
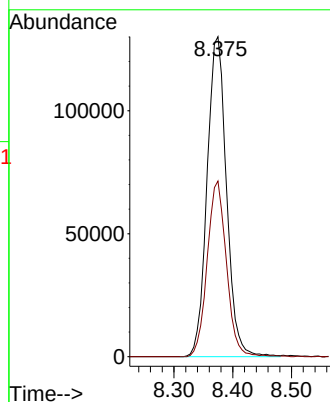
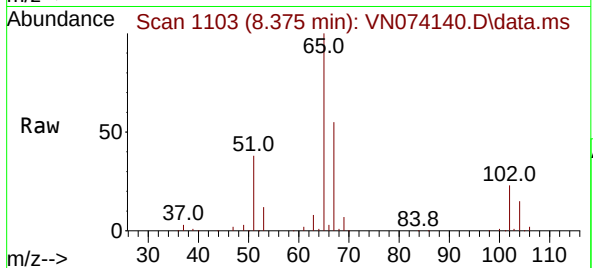
MW202D-20220819

Tgt Ion: 65 Resp: 298743

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074140.D

Acq: 26 Aug 2022 16:58

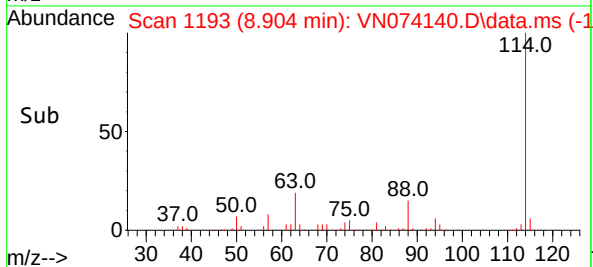
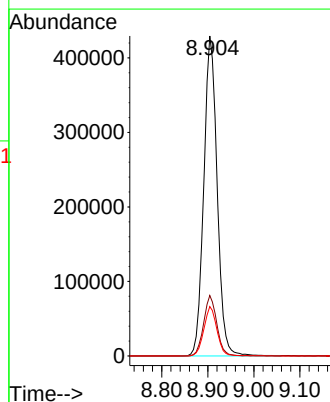
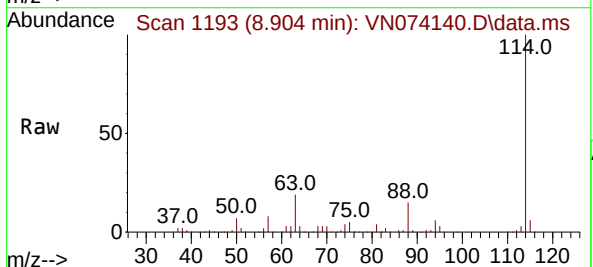
Tgt Ion: 114 Resp: 871203

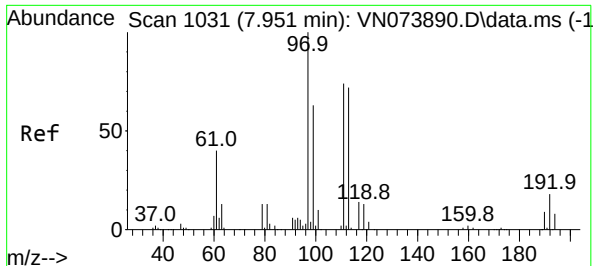
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.942 ug/l

RT: 7.951 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VN074140.D

Acq: 26 Aug 2022 16:58

Instrument :

MSVOA_N

ClientSampleId :

MW202D-20220819

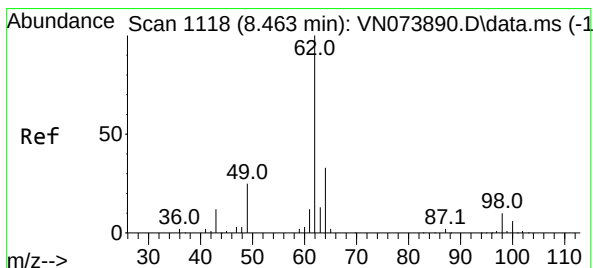
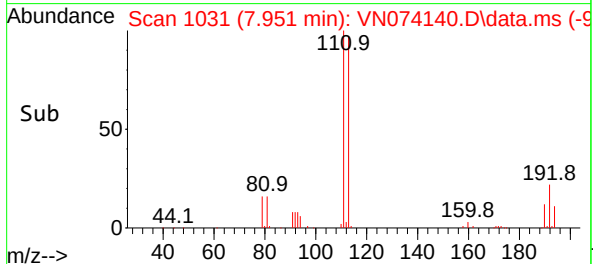
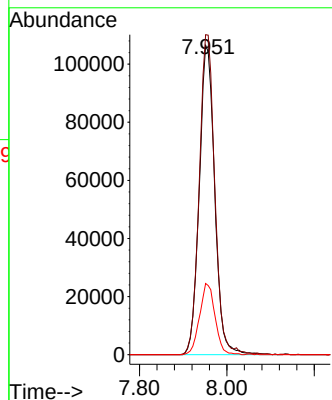
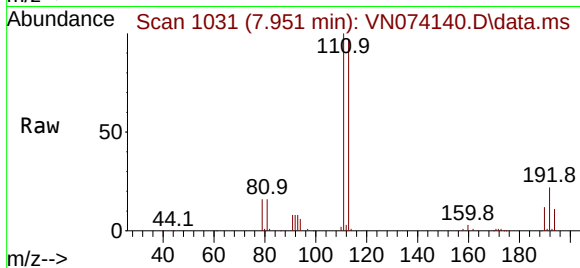
Tgt Ion:113 Resp: 262463

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 23.0 17.0 25.6



#42

1,2-Dichloroethane

Concen: 0.714 ug/l

RT: 8.469 min Scan# 1119

Delta R.T. 0.006 min

Lab File: VN074140.D

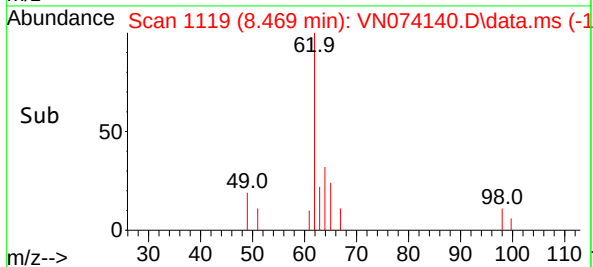
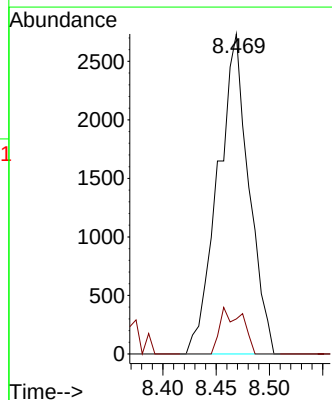
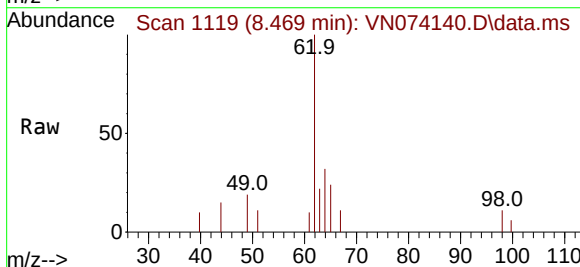
Acq: 26 Aug 2022 16:58

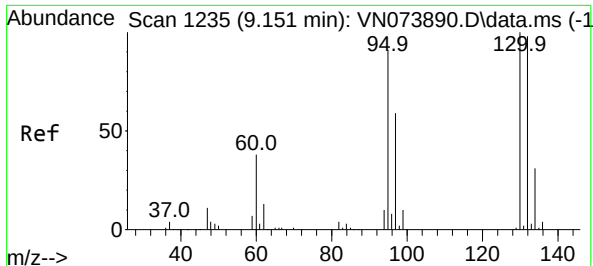
Tgt Ion: 62 Resp: 5544

Ion Ratio Lower Upper

62 100

98 10.4 0.0 19.4

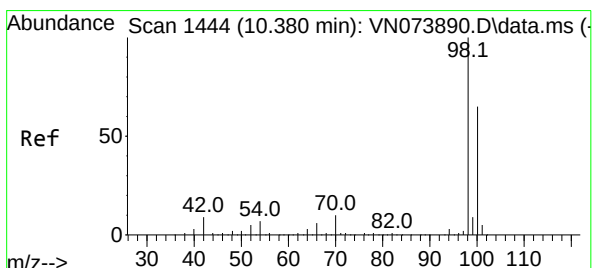
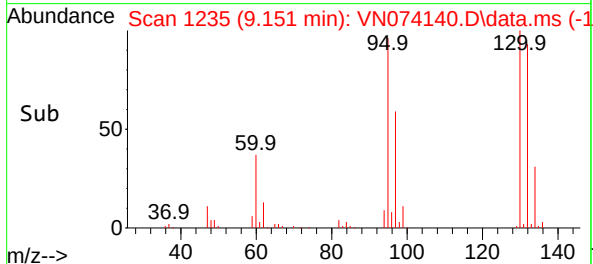
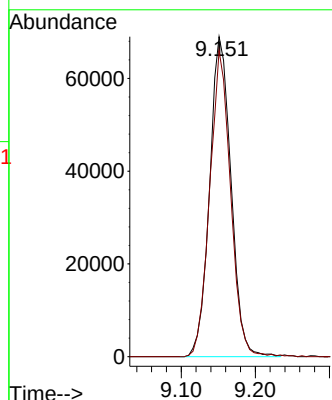
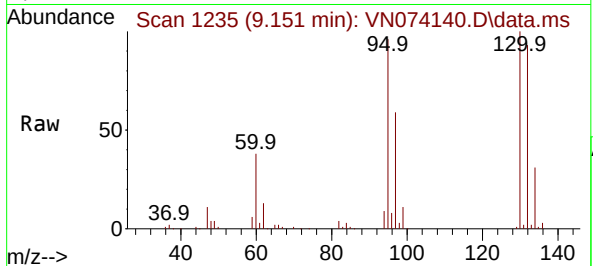




#44
Trichloroethene
Concen: 21.219 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

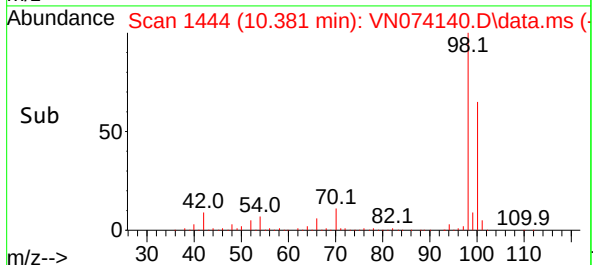
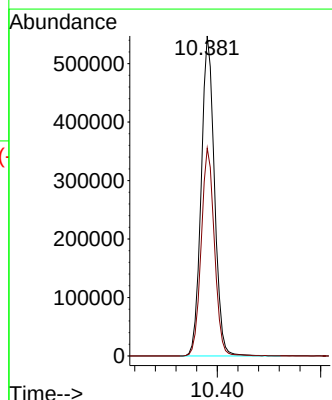
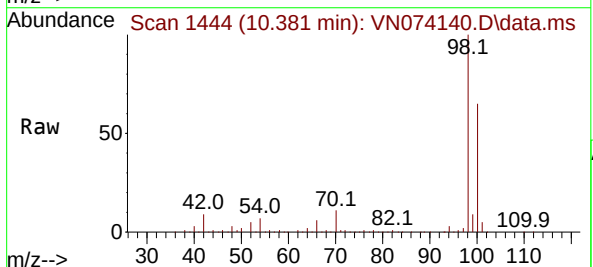
Instrument :
MSVOA_N
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MW202D-20220819

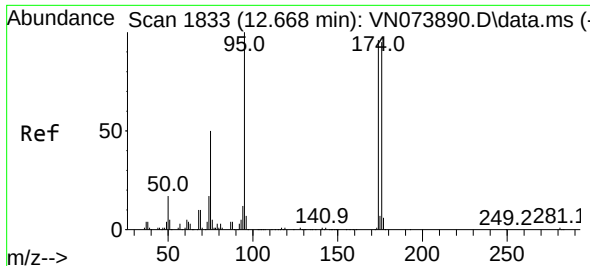
Tgt Ion:130 Resp: 138421
Ion Ratio Lower Upper
130 100
95 95.6 0.0 186.8



#50
Toluene-d8
Concen: 48.779 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

Tgt Ion: 98 Resp: 973344
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

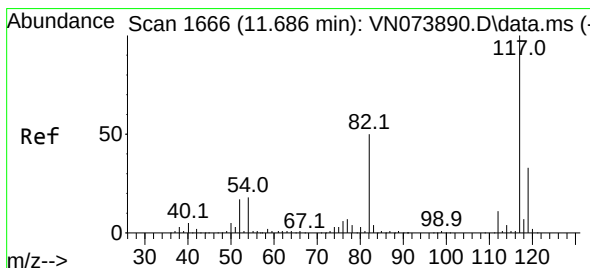
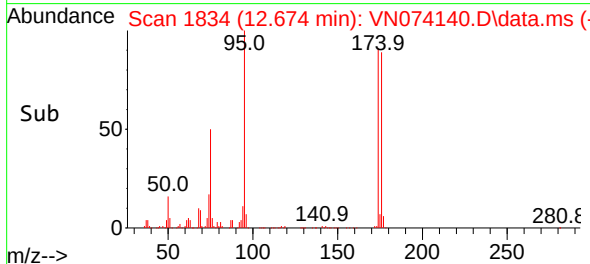
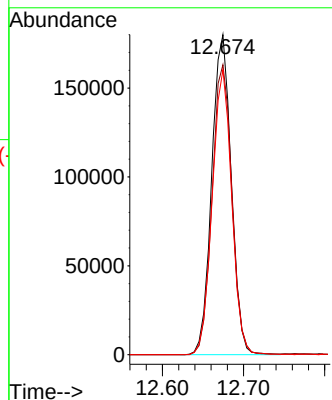
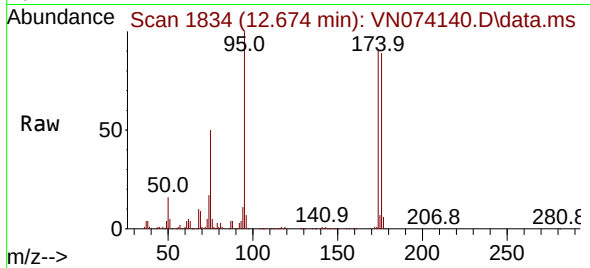




#62
4-Bromofluorobenzene
Concen: 45.247 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

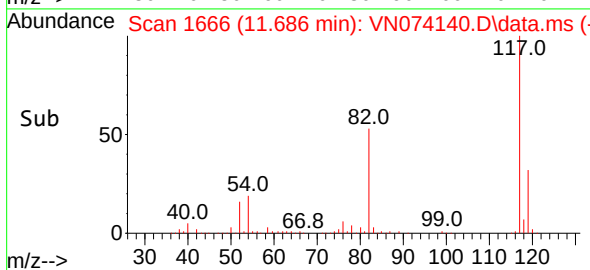
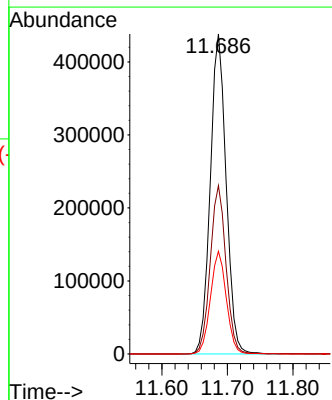
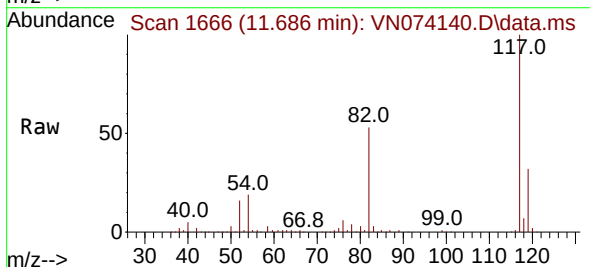
Instrument :
MSVOA_N
ClientSampleId :
MW202D-20220819

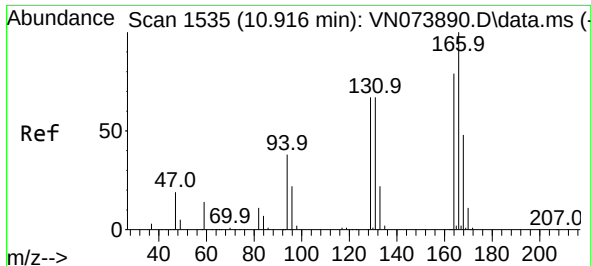
Tgt Ion: 95 Resp: 299640
Ion Ratio Lower Upper
95 100
174 92.7 0.0 167.6
176 88.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

Tgt Ion: 117 Resp: 736914
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 32.1 25.4 38.0



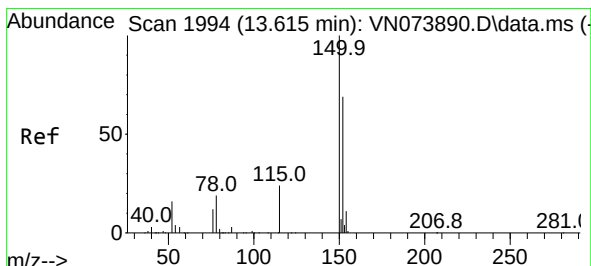
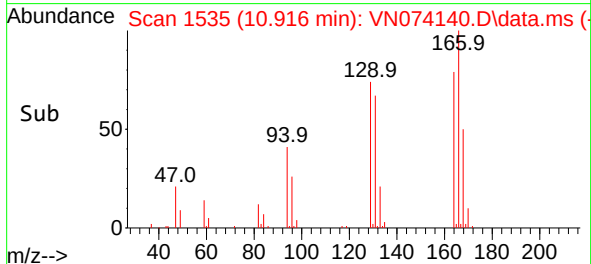
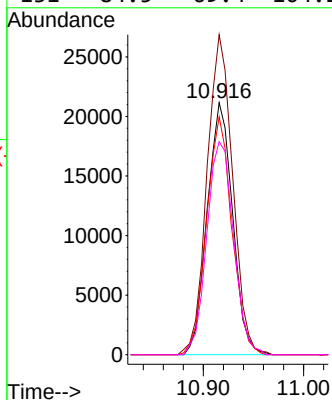
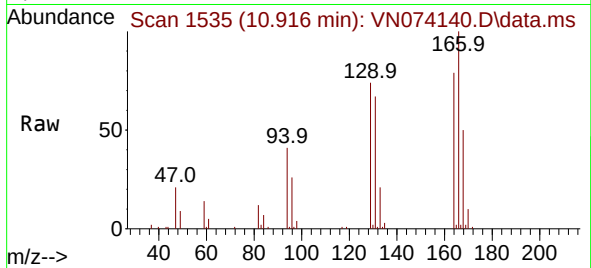


#64
Tetrachloroethene
Concen: 6.398 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

Instrument :
MSVOA_N
ClientSampleId :
MW202D-20220819

Tgt Ion:164 Resp: 37214

Ion	Ratio	Lower	Upper
164	100		
166	127.0	104.2	156.2
129	94.4	73.9	110.9
131	84.5	69.4	104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074140.D
Acq: 26 Aug 2022 16:58

Tgt Ion:152 Resp: 317570

Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.9	86.7
150	156.2	0.0	356.2

