

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074101.D
 Acq On : 24 Aug 2022 19:08
 Operator : JC\MD
 Sample : N4280-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT14911-20220817

Quant Time: Aug 25 07:56:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

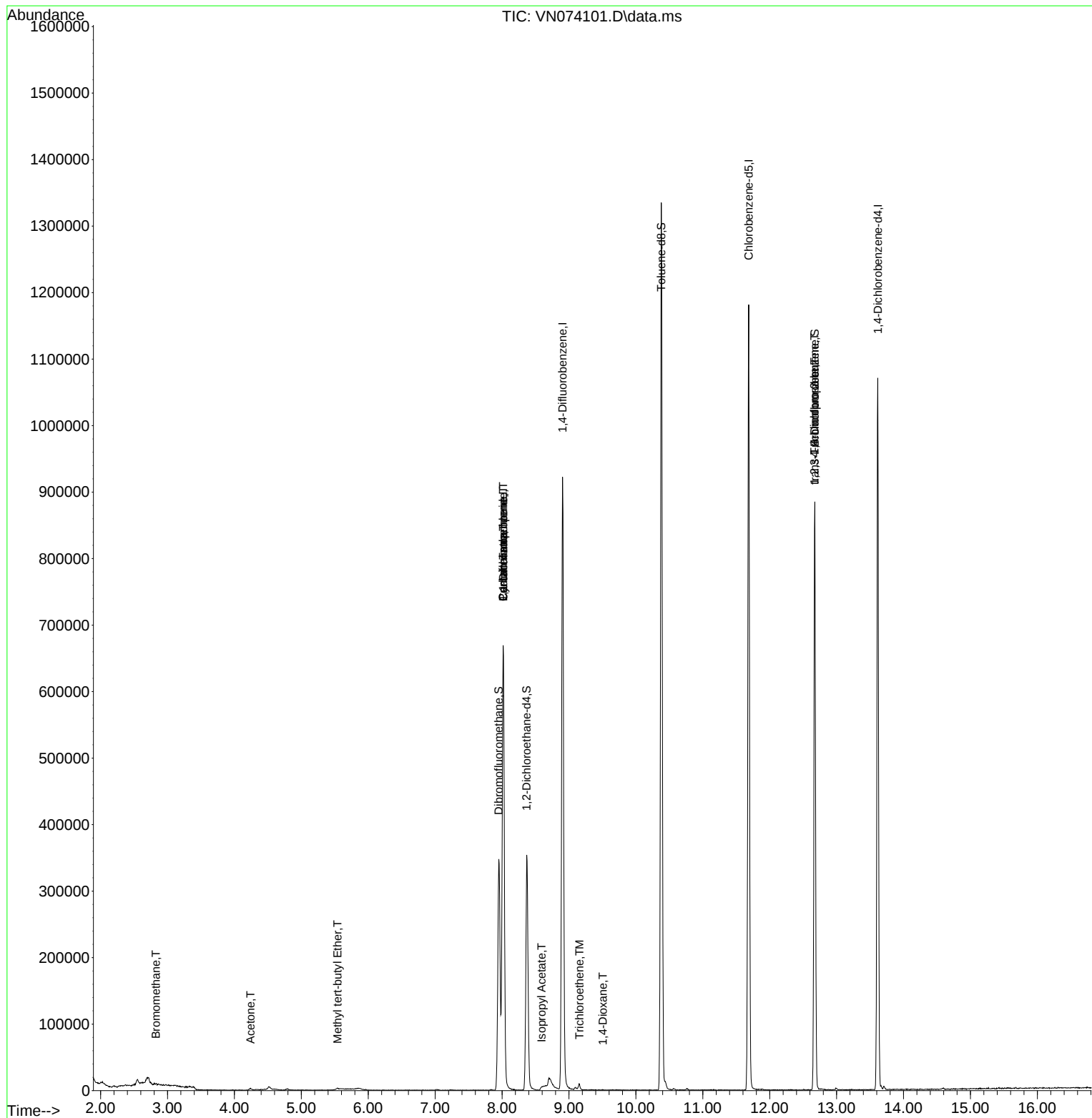
Internal Standards						
1) Pentafluorobenzene	8.016	168	562965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	855619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	719087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	307806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	292824	53.403	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.800%			
35) Dibromofluoromethane	7.951	113	259209	51.227	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.460%			
50) Toluene-d8	10.380	98	951189	48.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.080%			
62) 4-Bromofluorobenzene	12.674	95	294503	45.281	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.560%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	1159	0.291	ug/l #	75
16) Acetone	4.240	43	3813	1.474	ug/l	97
18) Methyl Acetate	4.775	43	3709	Below Cal	#	82
19) Methyl tert-butyl Ether	5.540	73	3620	0.226	ug/l	92
31) Cyclohexane	8.016	56	9319	1.219	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	37964	5.402	ug/l #	50
38) Carbon Tetrachloride	8.016	117	50194	6.248	ug/l #	17
43) Isopropyl Acetate	8.592	43	3180	0.262	ug/l #	53
44) Trichloroethene	9.157	130	3357	0.524	ug/l	89
49) 1,4-Dioxane	9.504	88	59	0.382	ug/l #	60
76) 1,2,3-Trichloropropane	12.669	75	141926	22.184	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	141926	63.095	ug/l #	11

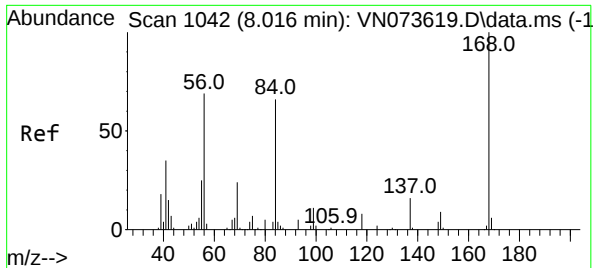
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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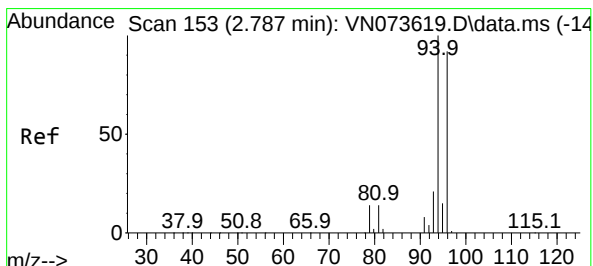
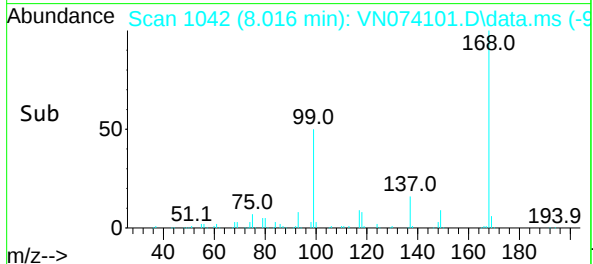
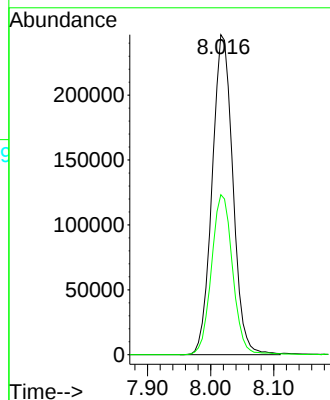
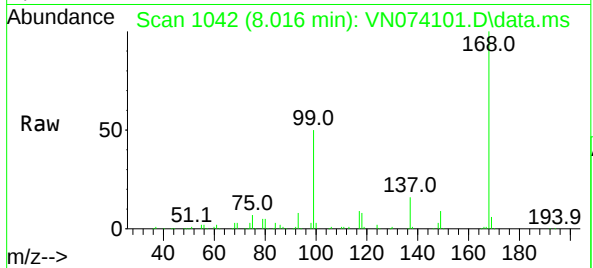




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

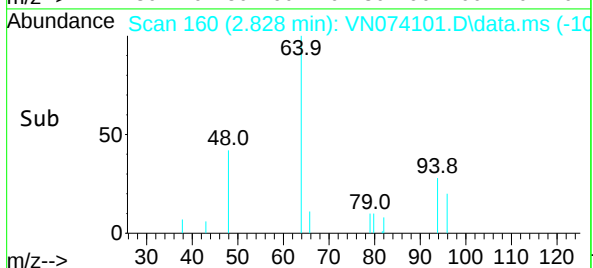
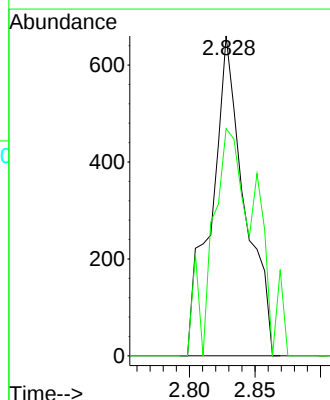
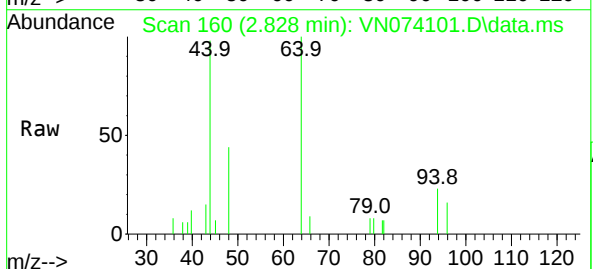
Instrument :
MSVOA_N
ClientSampleId :
TT14911-20220817

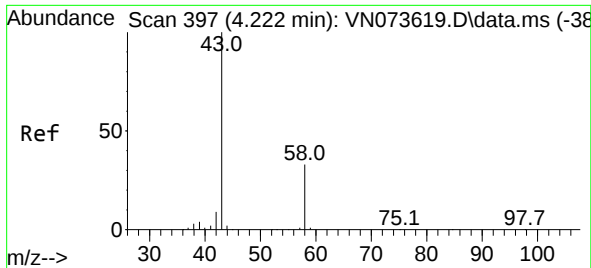
Tgt Ion:168 Resp: 562965
Ion Ratio Lower Upper
168 100
99 50.0 42.3 63.5



#5
Bromomethane
Concen: 0.291 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.041 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

Tgt Ion: 94 Resp: 1159
Ion Ratio Lower Upper
94 100
96 71.1 76.0 114.0#





#16

Acetone

Concen: 1.474 ug/l

RT: 4.240 min Scan# 400

Delta R.T. 0.018 min

Lab File: VN074101.D

Acq: 24 Aug 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

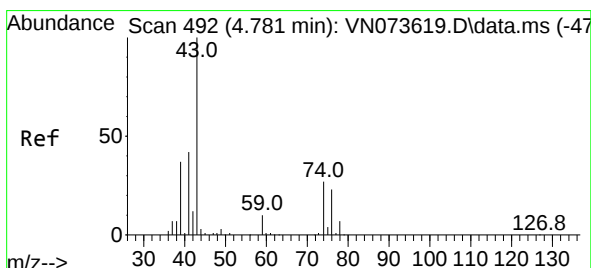
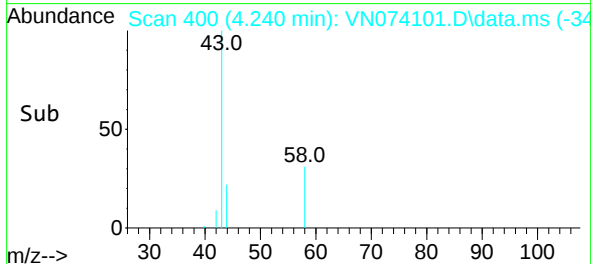
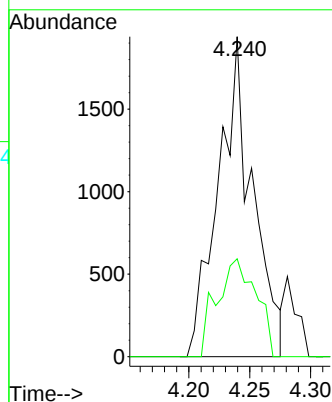
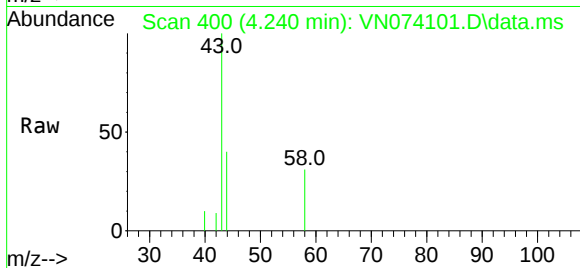
TT14911-20220817

Tgt Ion: 43 Resp: 3813

Ion Ratio Lower Upper

43 100

58 30.6 26.0 39.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.775 min Scan# 491

Delta R.T. -0.006 min

Lab File: VN074101.D

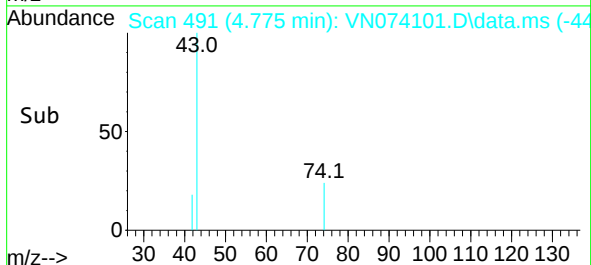
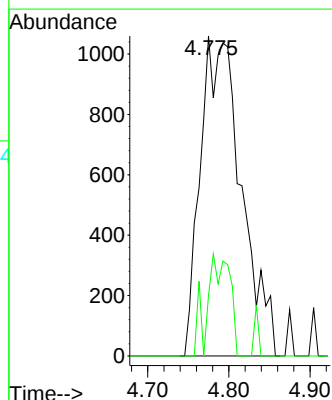
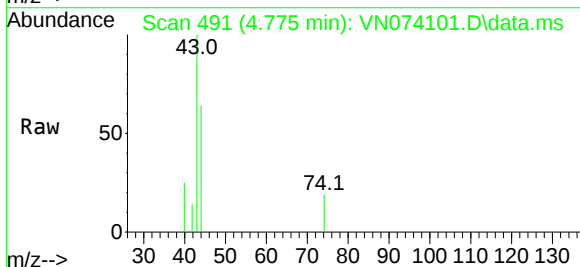
Acq: 24 Aug 2022 19:08

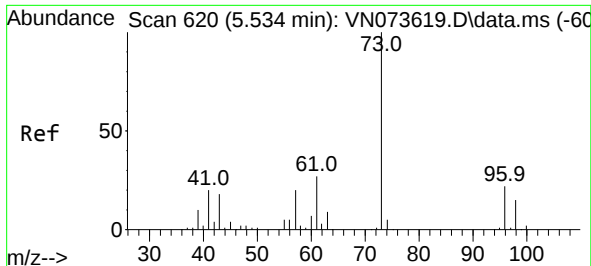
Tgt Ion: 43 Resp: 3709

Ion Ratio Lower Upper

43 100

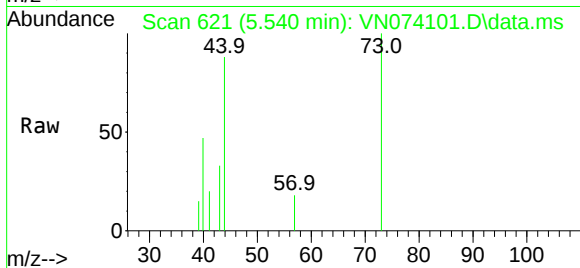
74 17.8 21.6 32.4#



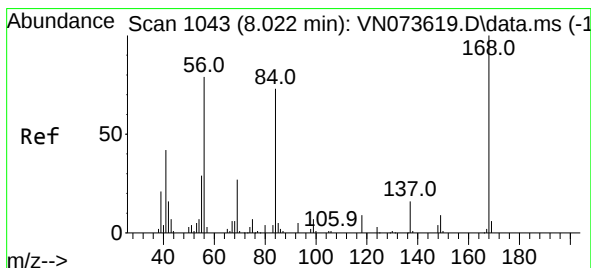
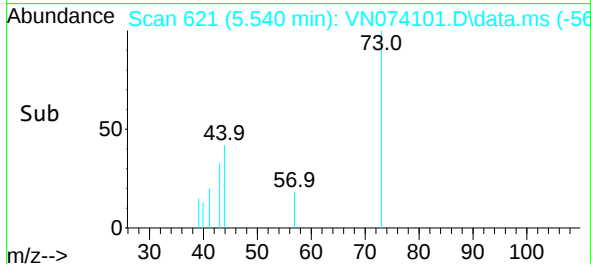
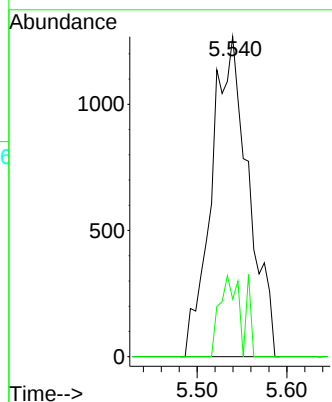


#19
Methyl tert-butyl Ether
Concen: 0.226 ug/l
RT: 5.540 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
TT14911-20220817

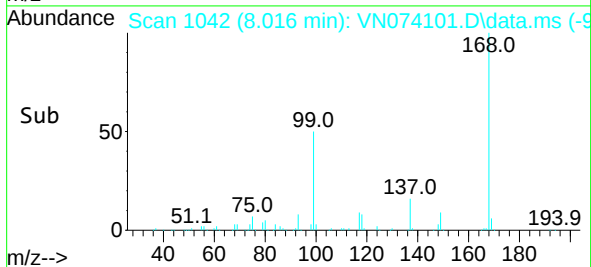
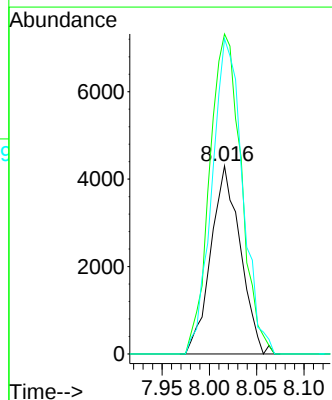
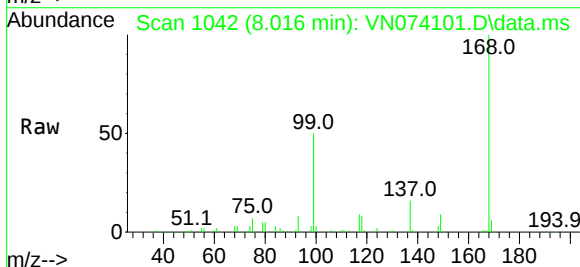


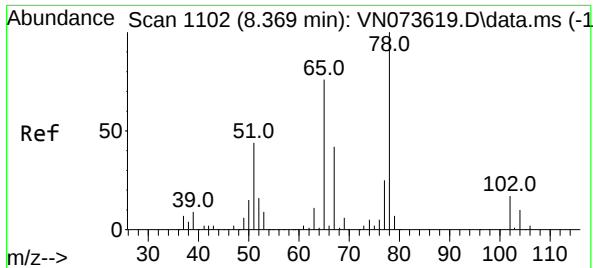
Tgt Ion: 73 Resp: 3620
Ion Ratio Lower Upper
73 100
57 18.0 17.6 26.4



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

Tgt Ion: 56 Resp: 9319
Ion Ratio Lower Upper
56 100
69 170.2 27.8 41.8#
84 167.7 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 53.403 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074101.D

Acq: 24 Aug 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

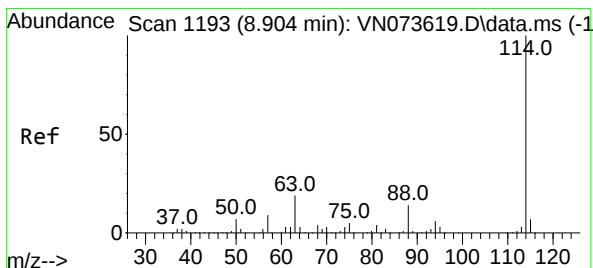
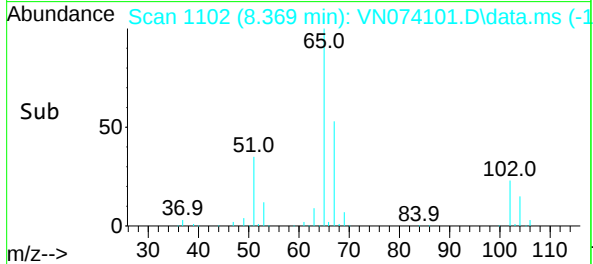
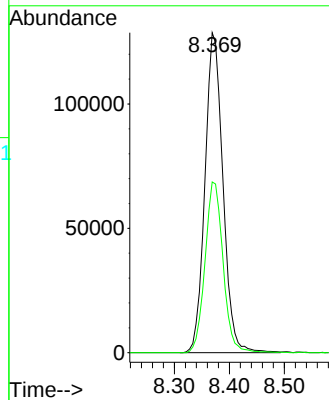
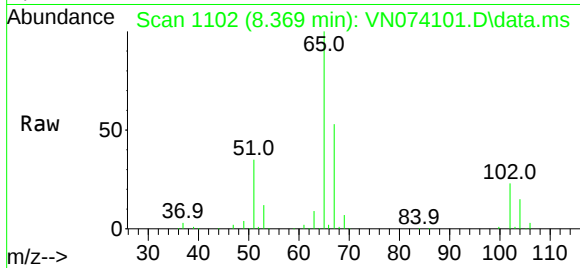
TT14911-20220817

Tgt Ion: 65 Resp: 292824

Ion Ratio Lower Upper

65 100

67 53.5 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: VN074101.D

Acq: 24 Aug 2022 19:08

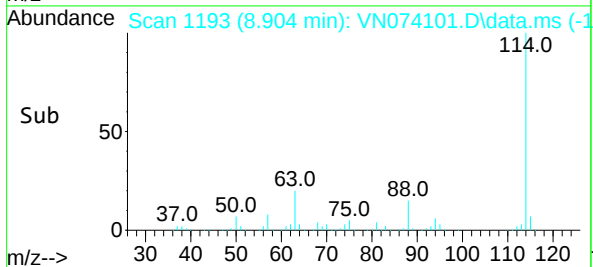
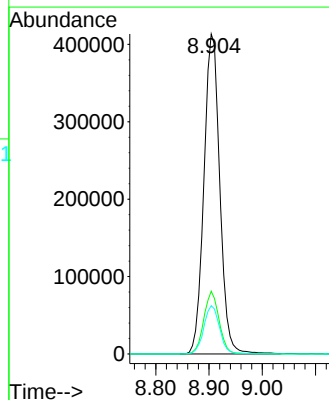
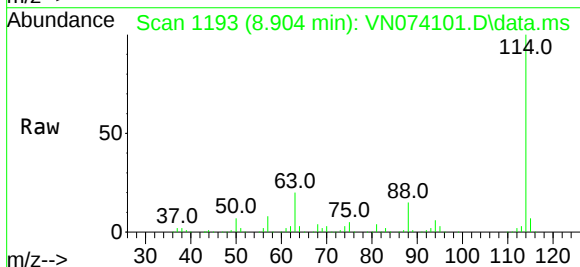
Tgt Ion: 114 Resp: 855619

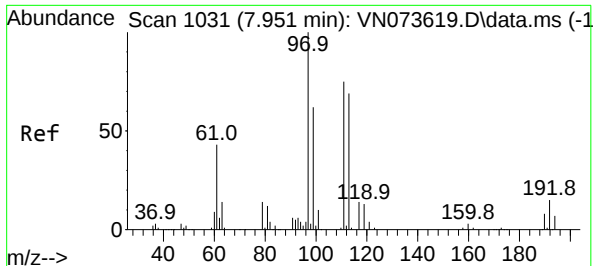
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

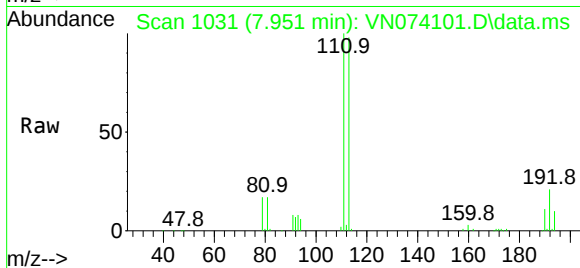
88 15.1 0.0 32.6



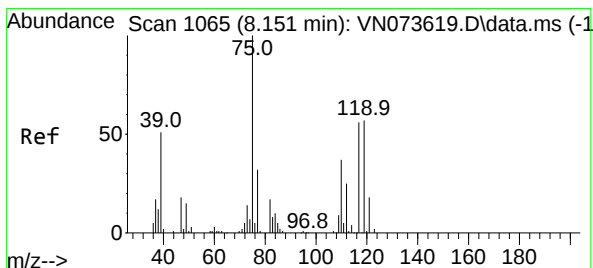
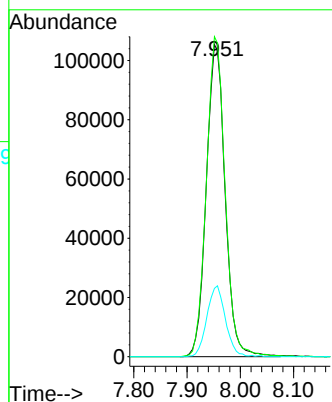
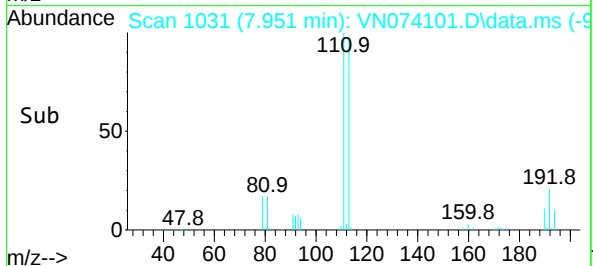


#35
Dibromofluoromethane
Concen: 51.227 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
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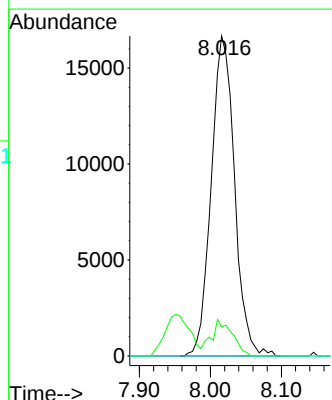
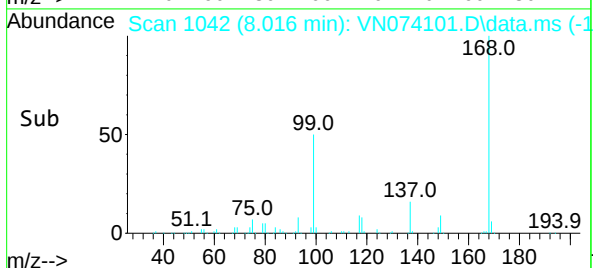
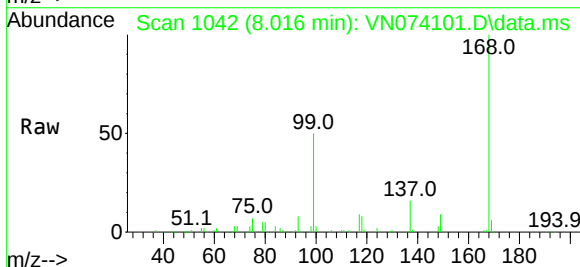


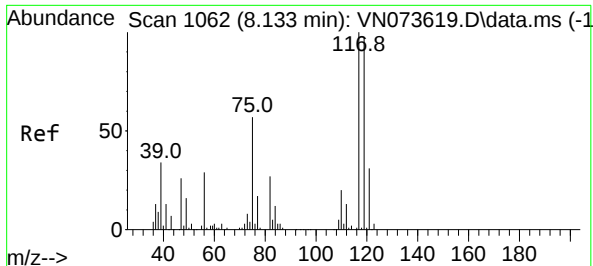
Tgt Ion:113 Resp: 259209
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 22.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.402 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

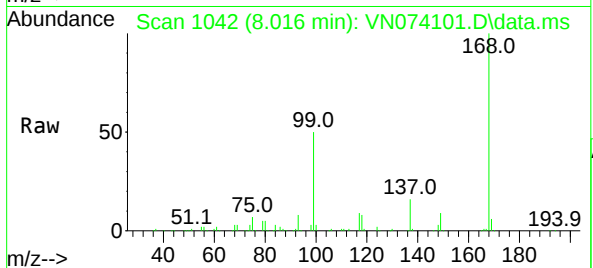
Tgt Ion: 75 Resp: 37964
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 25.1 37.7#



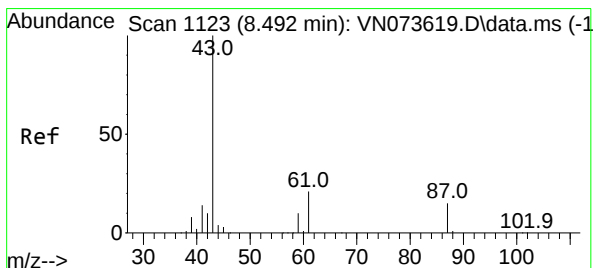
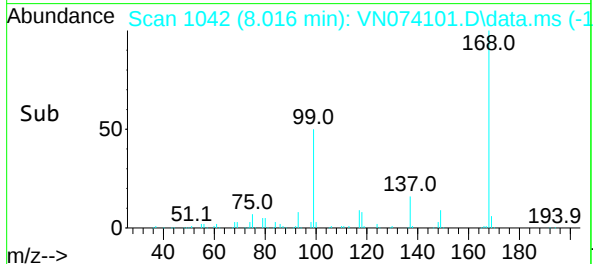
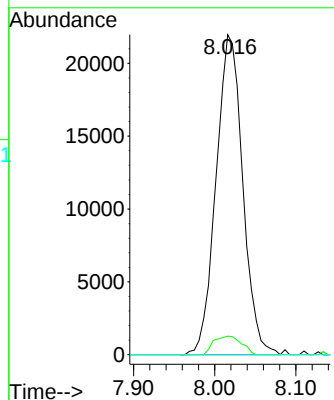


#38
Carbon Tetrachloride
Concen: 6.248 ug/l
RT: 8.016 min Scan# 1140
Delta R.T. -0.117 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

Instrument :
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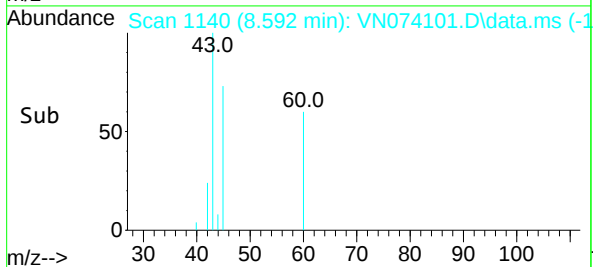
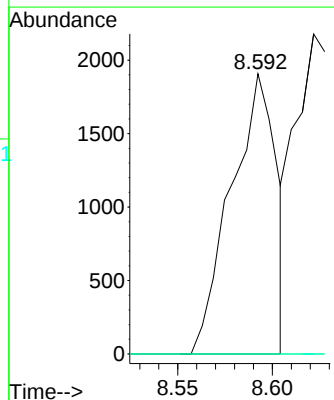
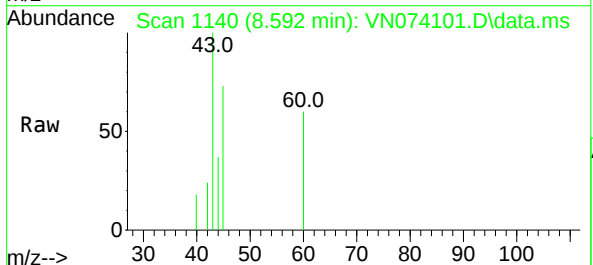


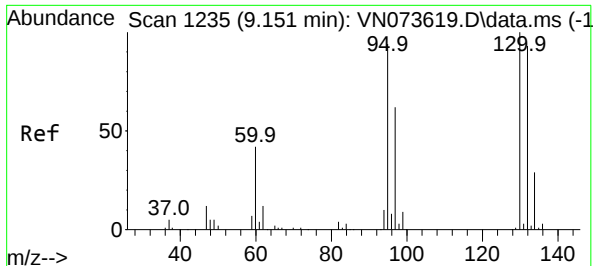
Tgt Ion:117 Resp: 50194
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.262 ug/l
RT: 8.592 min Scan# 1140
Delta R.T. 0.100 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

Tgt Ion: 43 Resp: 3180
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

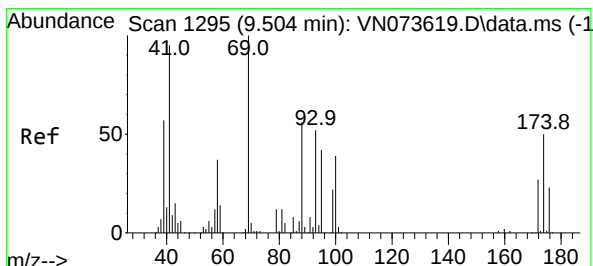
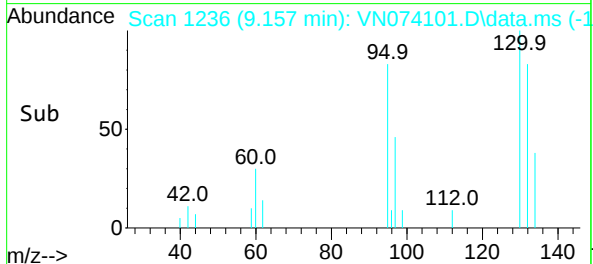
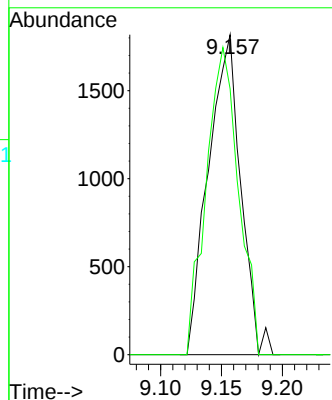
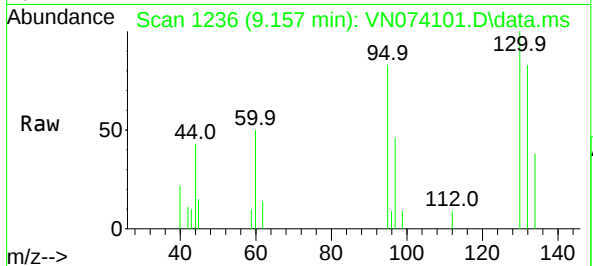




#44
Trichloroethene
Concen: 0.524 ug/l
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

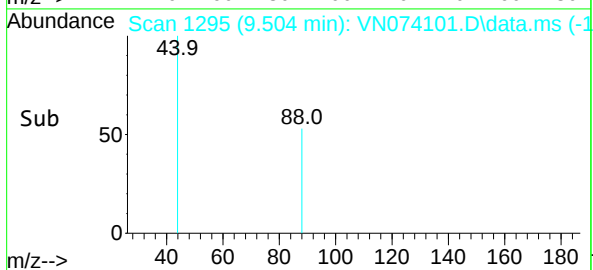
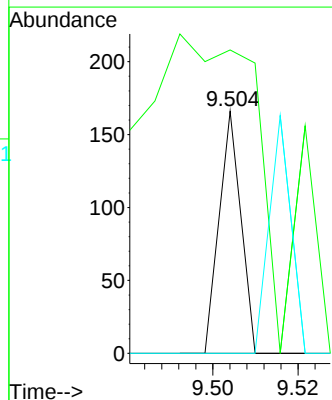
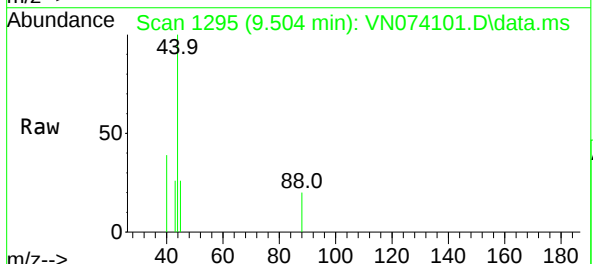
Instrument :
MSVOA_N
ClientSampleId :
TT14911-20220817

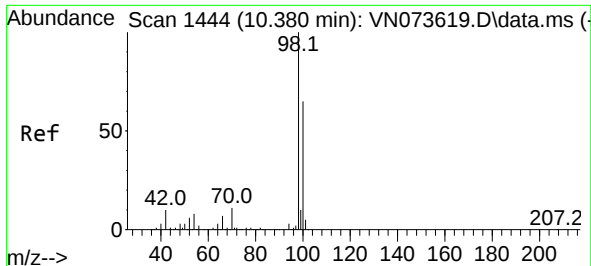
Tgt Ion:130 Resp: 3357
Ion Ratio Lower Upper
130 100
95 83.1 0.0 186.8



#49
1,4-Dioxane
Concen: 0.382 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 96.6 54.2 81.4#

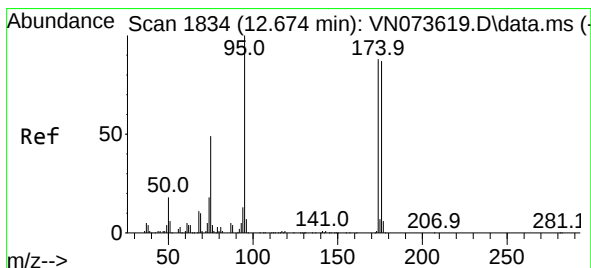
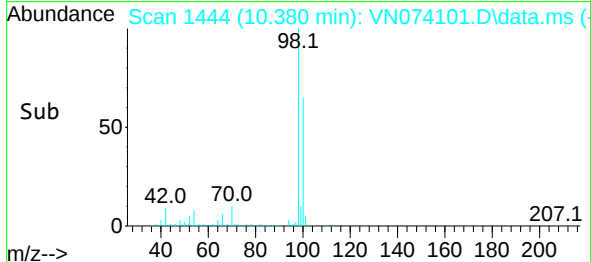
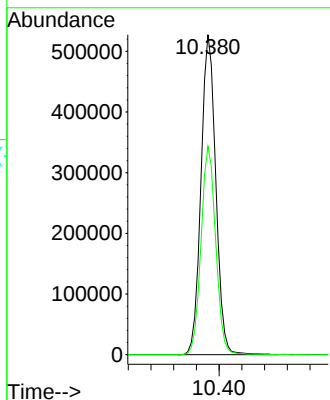
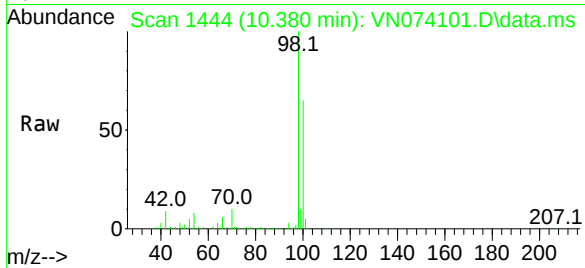




#50
Toluene-d8
Concen: 48.537 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

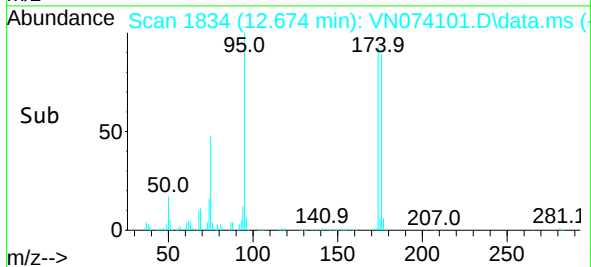
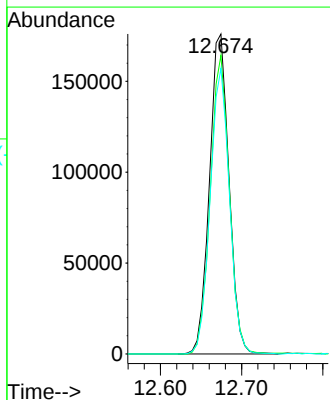
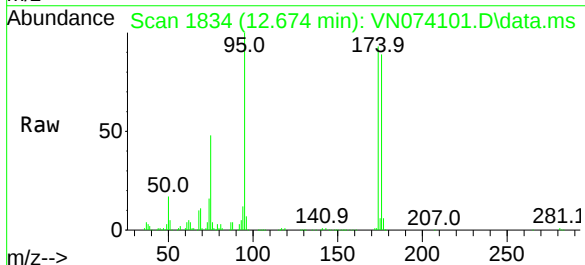
Instrument :
MSVOA_N
ClientSampleId :
TT14911-20220817

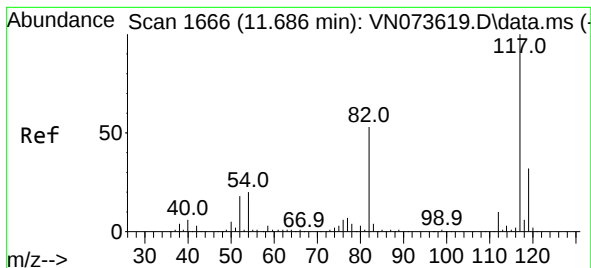
Tgt Ion: 98 Resp: 951189
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.281 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

Tgt Ion: 95 Resp: 294503
Ion Ratio Lower Upper
95 100
174 90.8 0.0 167.6
176 87.7 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074101.D

Acq: 24 Aug 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

TT14911-20220817

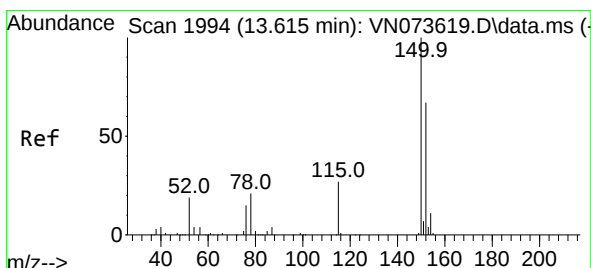
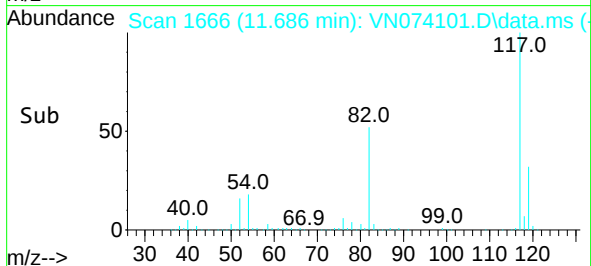
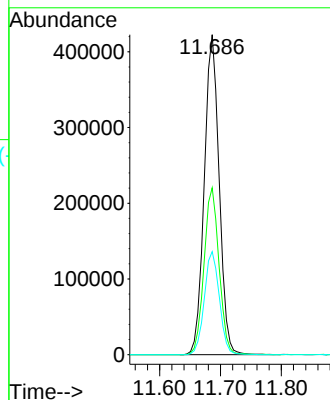
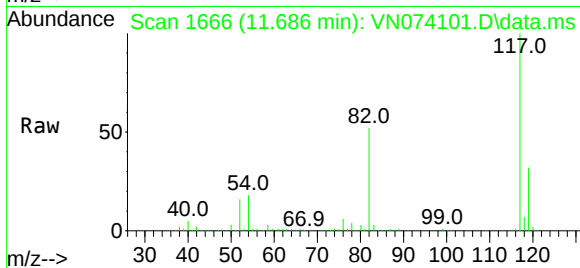
Tgt Ion:117 Resp: 719087

Ion Ratio Lower Upper

117 100

82 52.1 44.2 66.2

119 32.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074101.D

Acq: 24 Aug 2022 19:08

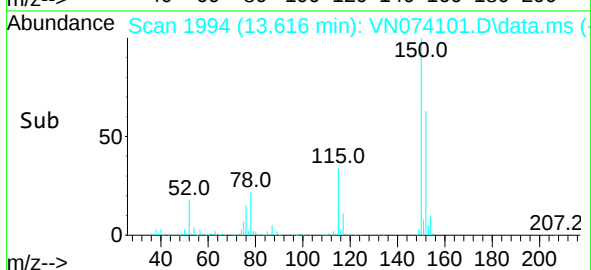
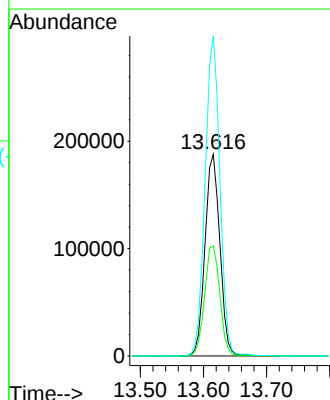
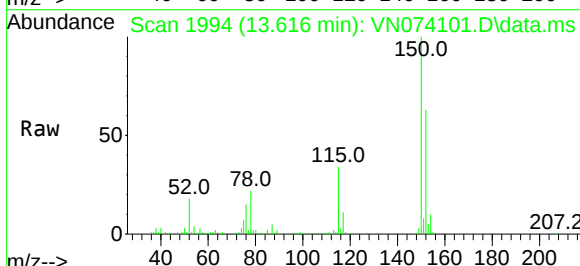
Tgt Ion:152 Resp: 307806

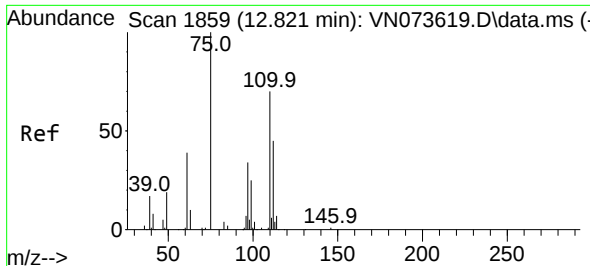
Ion Ratio Lower Upper

152 100

115 56.0 28.9 86.7

150 158.0 0.0 356.2

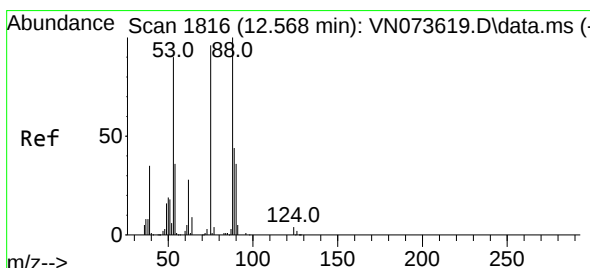
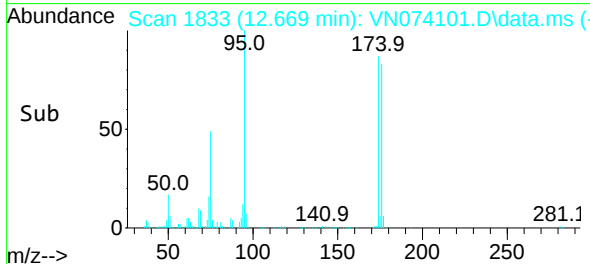
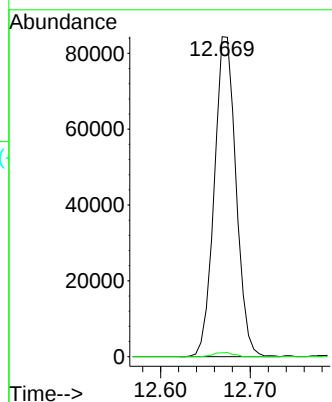
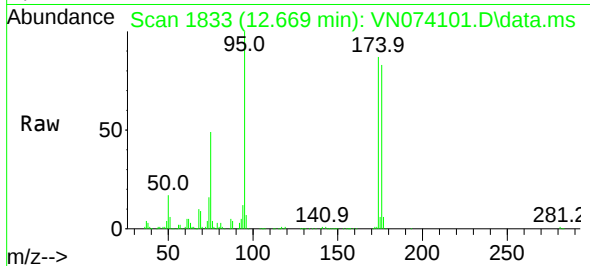




#76
1,2,3-Trichloropropane
Concen: 22.184 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
TT14911-20220817

Tgt Ion: 75 Resp: 141926
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.095 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.101 min
Lab File: VN074101.D
Acq: 24 Aug 2022 19:08

Tgt Ion: 75 Resp: 141926
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

