

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073659.D
 Acq On : 01 Aug 2022 14:54
 Operator : JC\MD
 Sample : N3974-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 02 05:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

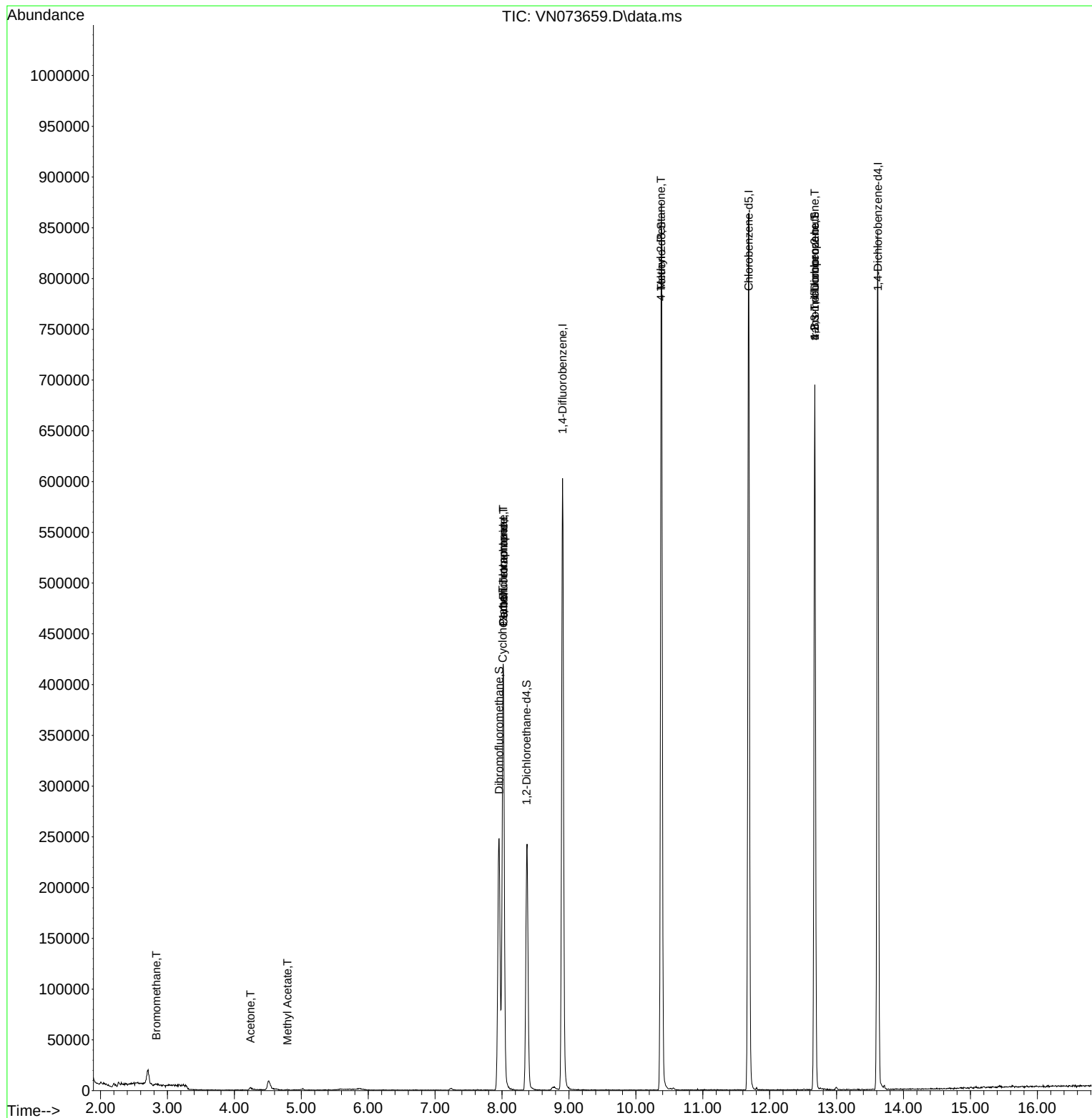
Internal Standards						
1) Pentafluorobenzene	8.022	168	336438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	550836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	514728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	239669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	202554	49.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.800%
35) Dibromofluoromethane	7.957	113	186712	53.980	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.960%
50) Toluene-d8	10.381	98	615080	45.189	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.380%
62) 4-Bromofluorobenzene	12.675	95	222556	49.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.220%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1841	Below Cal		98
5) Bromomethane	2.834	94	1120	0.338	ug/l	90
6) Chloroethane	2.946	64	76	Below Cal	#	42
16) Acetone	4.240	43	4670	2.121	ug/l	90
18) Methyl Acetate	4.793	43	1278	0.233	ug/l	# 48
20) Methylene Chloride	5.028	84	872	Below Cal	#	74
31) Cyclohexane	8.010	56	6820	1.117	ug/l	# 25
36) 1,1-Dichloropropene	8.016	75	24629	4.996	ug/l	# 51
38) Carbon Tetrachloride	8.022	117	31965	6.384	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.375	43	2474	0.393	ug/l	# 1
76) 1,2,3-Trichloropropane	12.675	75	116327	24.875	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.675	75	116327	62.900	ug/l	# 10

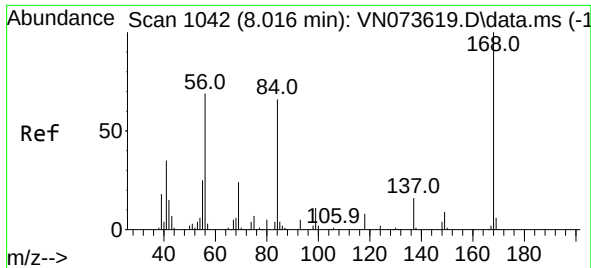
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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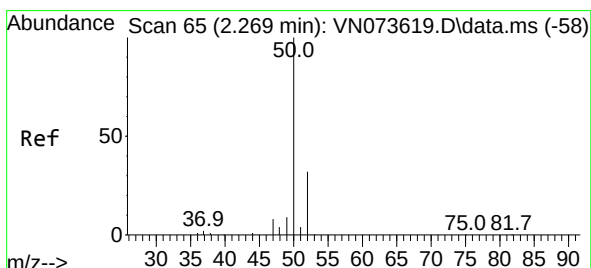
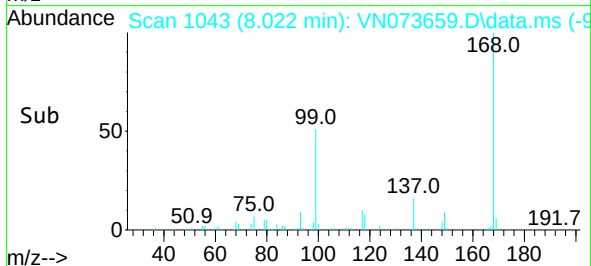
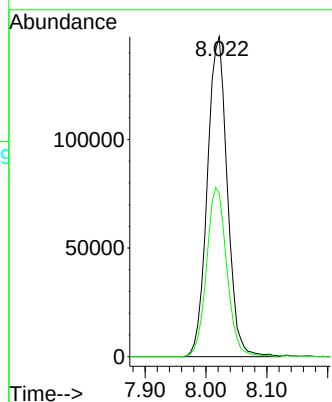
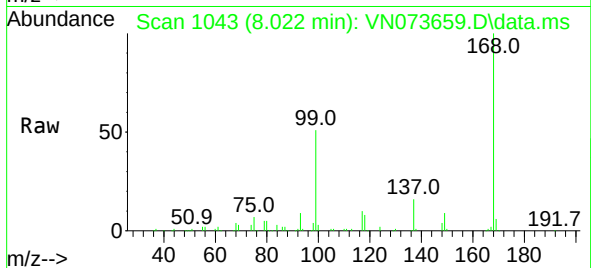




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

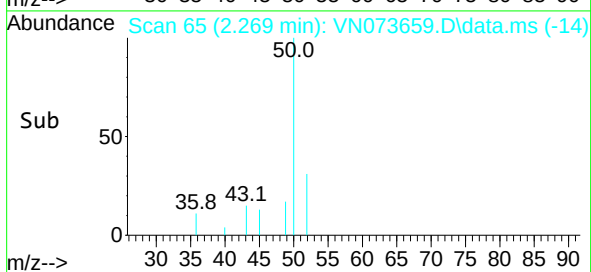
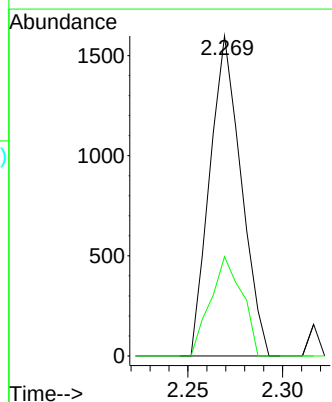
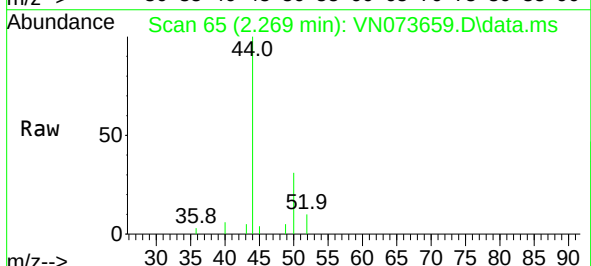
Instrument :
MSVOA_N
ClientSampleId :

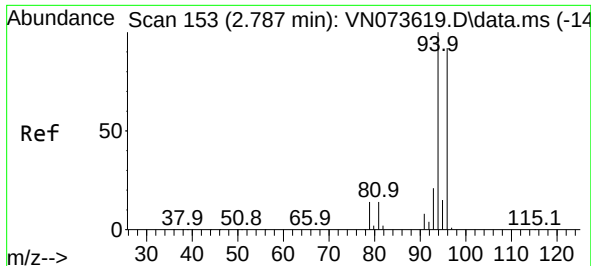
Tgt Ion:168 Resp: 336438
Ion Ratio Lower Upper
168 100
99 51.1 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

Tgt Ion: 50 Resp: 1841
Ion Ratio Lower Upper
50 100
52 31.0 25.7 38.5

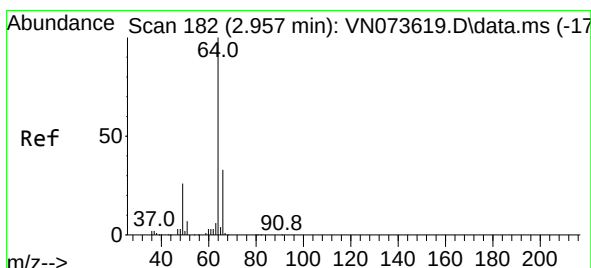
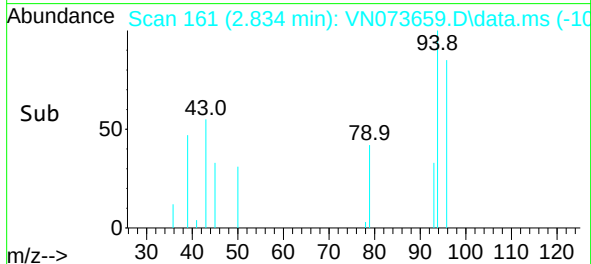
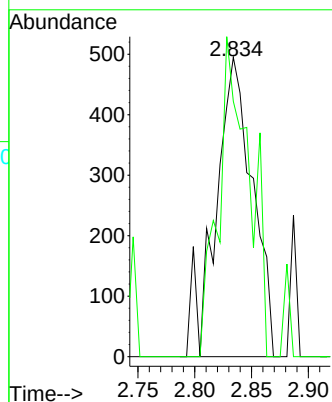
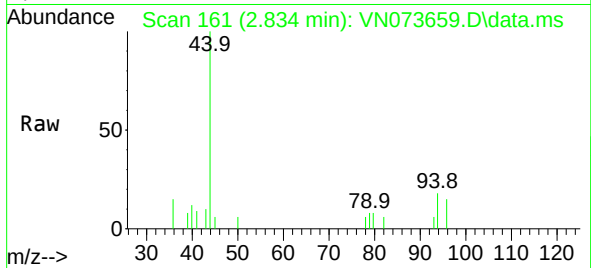




#5
Bromomethane
Concen: 0.338 ug/l
RT: 2.834 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

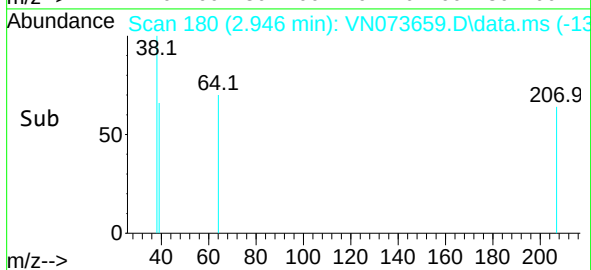
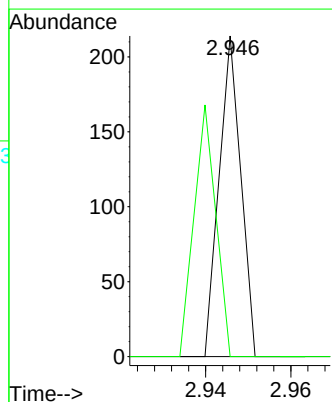
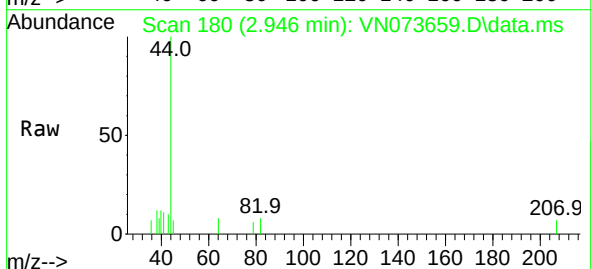
Instrument :
MSVOA_N
ClientSampleId :

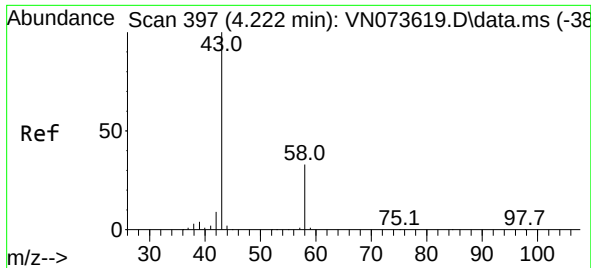
Tgt Ion: 94 Resp: 1120
Ion Ratio Lower Upper
94 100
96 85.3 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.946 min Scan# 180
Delta R.T. -0.011 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#16

Acetone

Concen: 2.121 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN073659.D

Acq: 01 Aug 2022 14:54

Instrument :

MSVOA_N

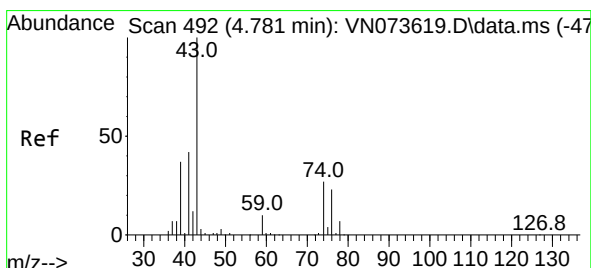
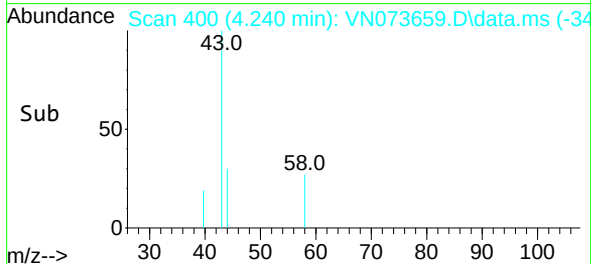
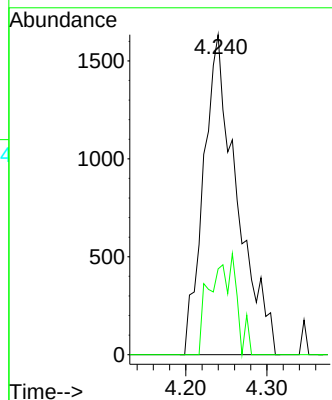
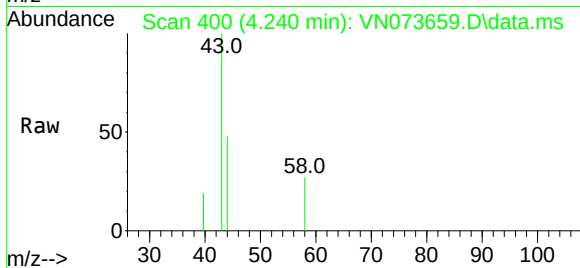
ClientSampleId :

Tgt Ion: 43 Resp: 4670

Ion Ratio Lower Upper

43 100

58 26.8 26.0 39.0



#18

Methyl Acetate

Concen: 0.233 ug/l

RT: 4.793 min Scan# 494

Delta R.T. 0.012 min

Lab File: VN073659.D

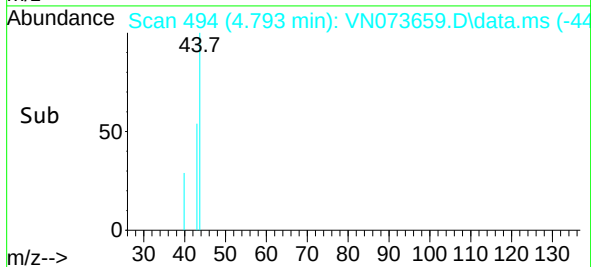
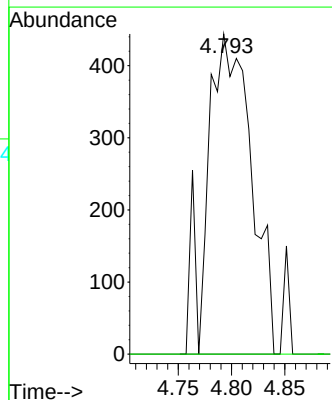
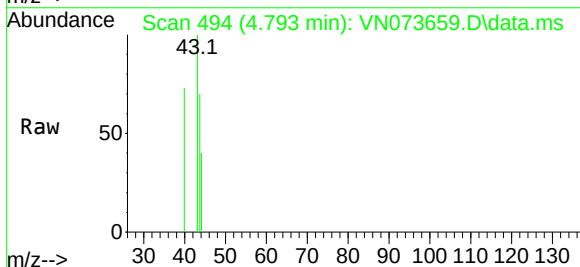
Acq: 01 Aug 2022 14:54

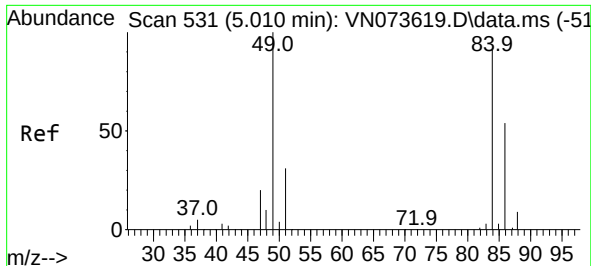
Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.028 min Scan# 51

Delta R.T. 0.018 min

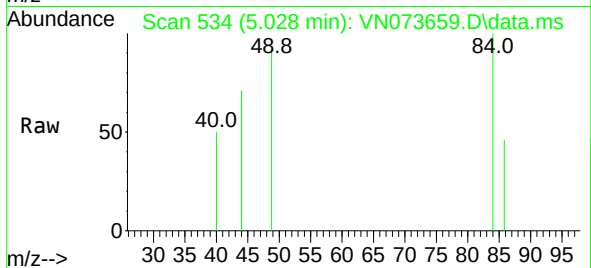
Lab File: VN073659.D

Acq: 01 Aug 2022 14:54

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 872

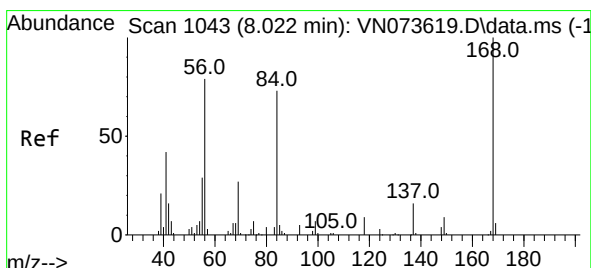
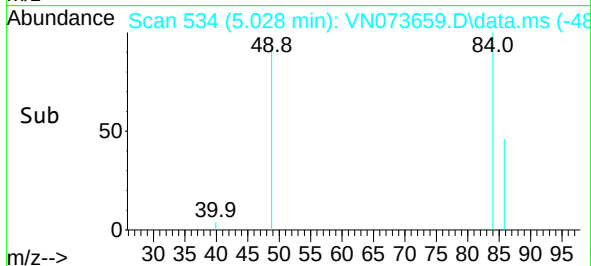
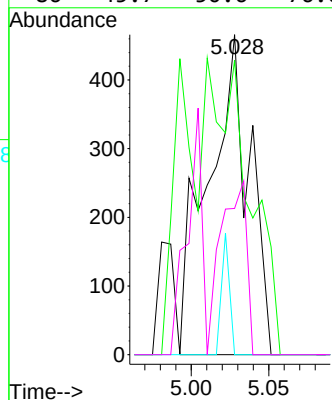
Ion Ratio Lower Upper

84 100

49 92.1 88.3 132.5

51 0.0 28.2 42.2#

86 45.7 50.6 76.0#



#31

Cyclohexane

Concen: 1.117 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN073659.D

Acq: 01 Aug 2022 14:54

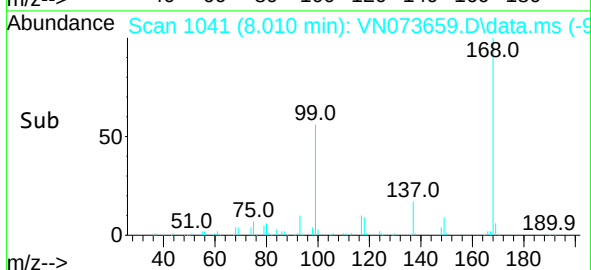
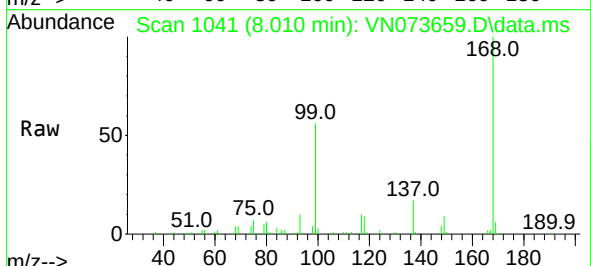
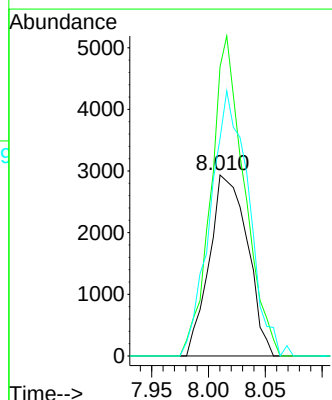
Tgt Ion: 56 Resp: 6820

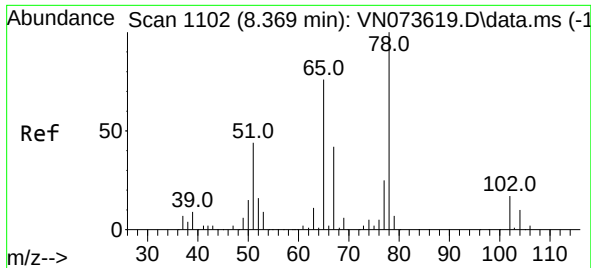
Ion Ratio Lower Upper

56 100

69 159.8 27.8 41.8#

84 120.2 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.403 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073659.D

Acq: 01 Aug 2022 14:54

Instrument :

MSVOA_N

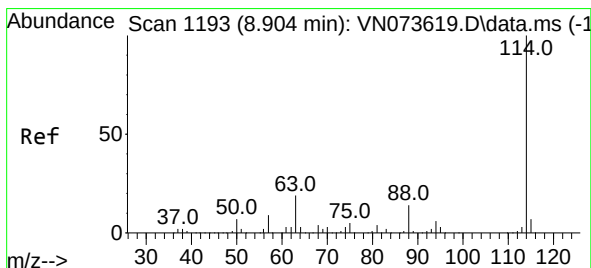
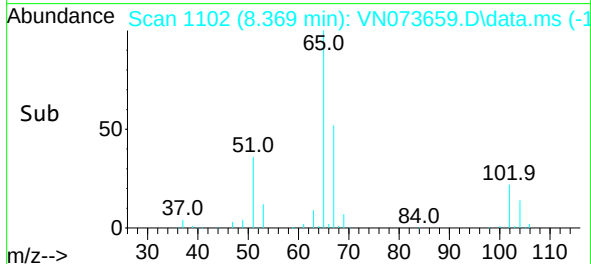
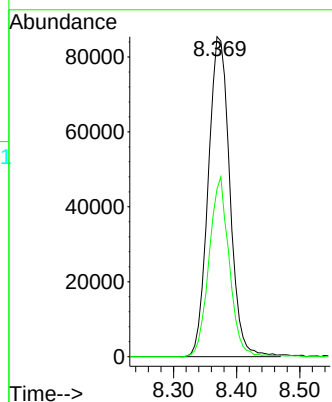
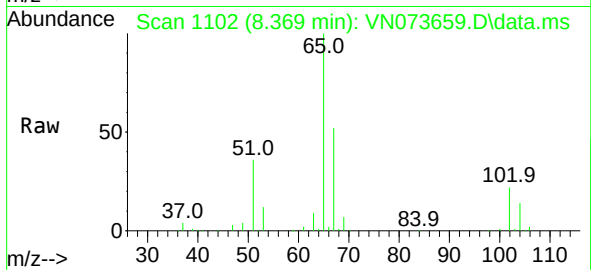
ClientSampleId :

Tgt Ion: 65 Resp: 202554

Ion Ratio Lower Upper

65 100

67 52.6 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: VN073659.D

Acq: 01 Aug 2022 14:54

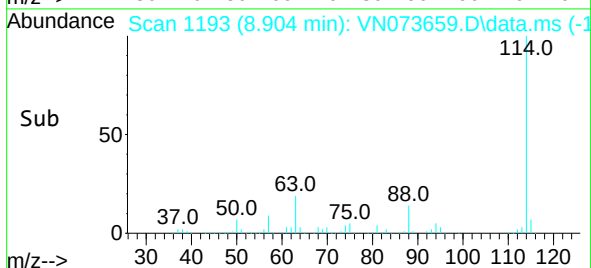
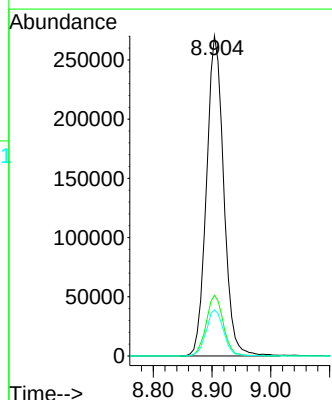
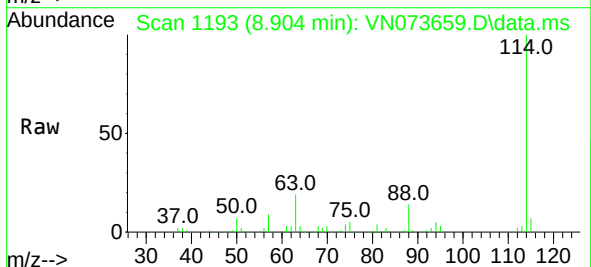
Tgt Ion: 114 Resp: 550836

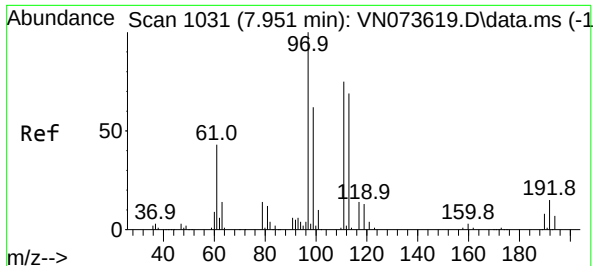
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

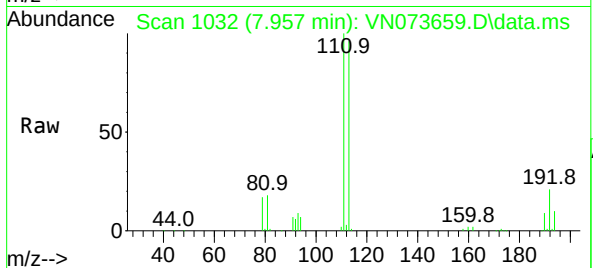
88 14.4 0.0 32.6



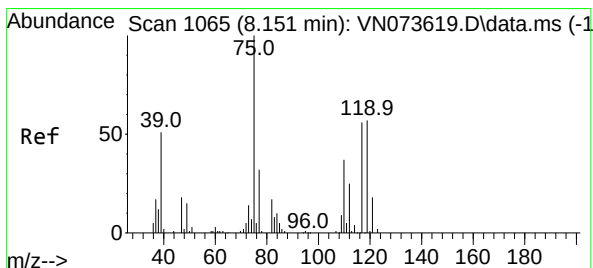
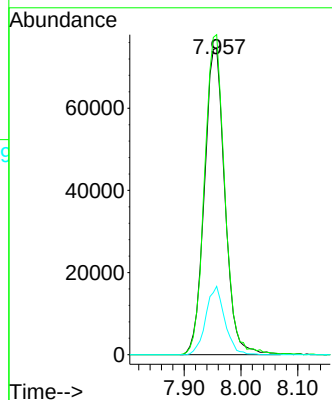
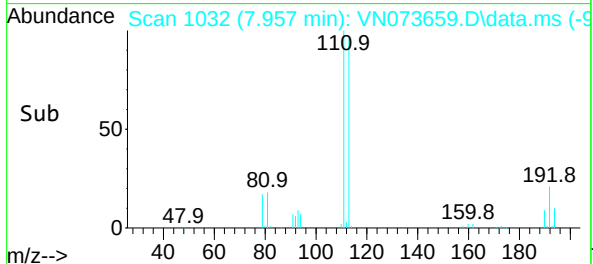


#35
Dibromofluoromethane
Concen: 53.980 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

Instrument :
MSVOA_N
ClientSampleId :

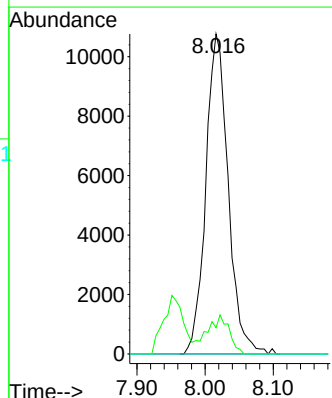
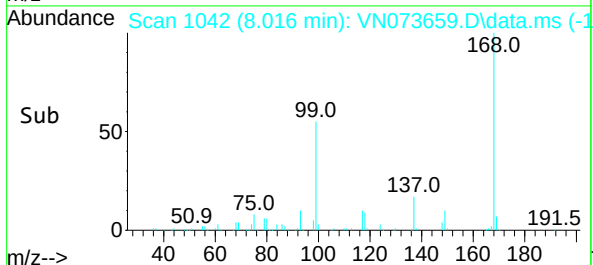
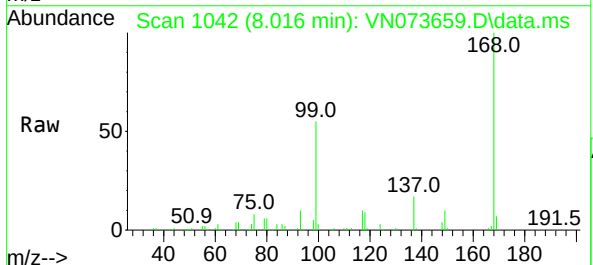


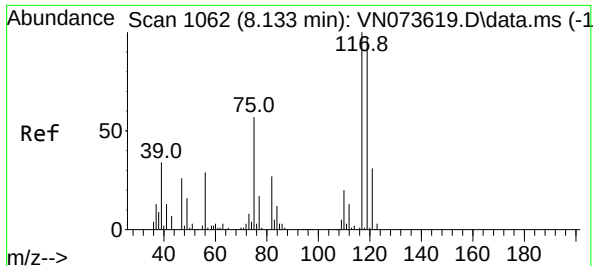
Tgt Ion:113 Resp: 186712
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 20.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

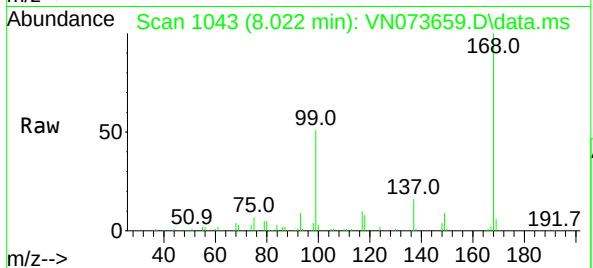
Tgt Ion: 75 Resp: 24629
Ion Ratio Lower Upper
75 100
110 11.0 18.3 54.8#
77 0.0 25.1 37.7#



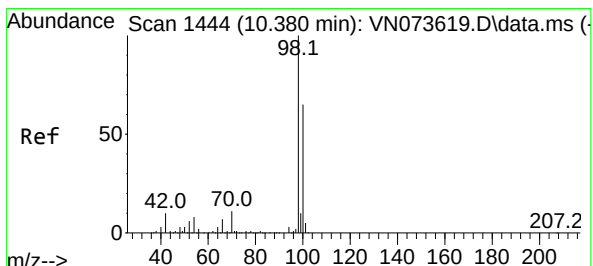
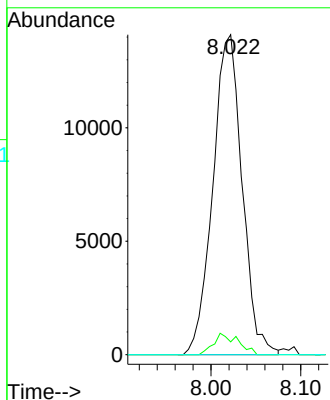
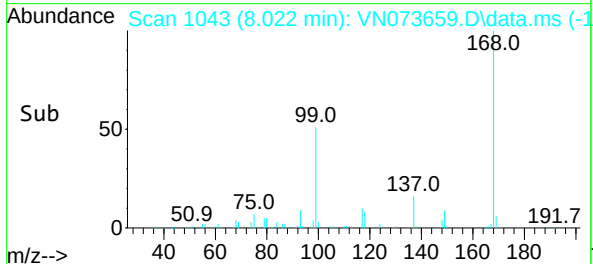


#38
Carbon Tetrachloride
Concen: 6.384 ug/l
RT: 8.022 min Scan# 1062
Delta R.T. -0.112 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

Instrument :
MSVOA_N
ClientSampleId :

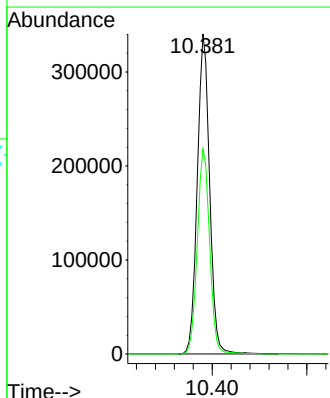
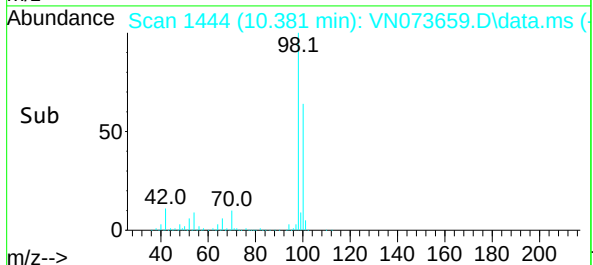
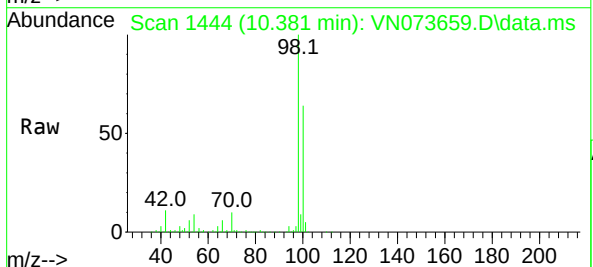


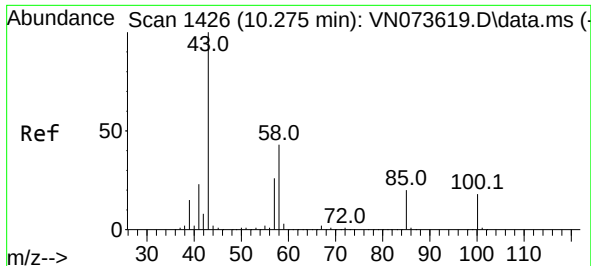
Tgt Ion:117 Resp: 31965
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.189 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

Tgt Ion: 98 Resp: 615080
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

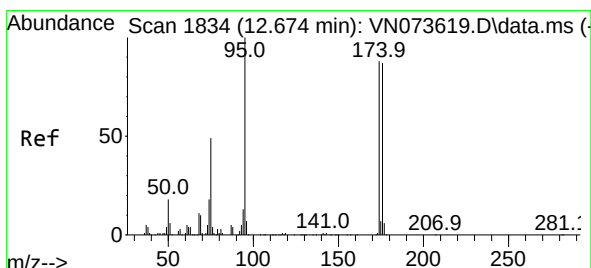
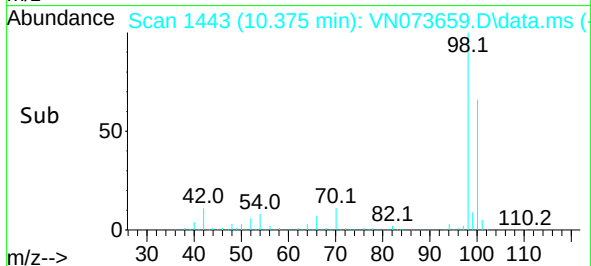
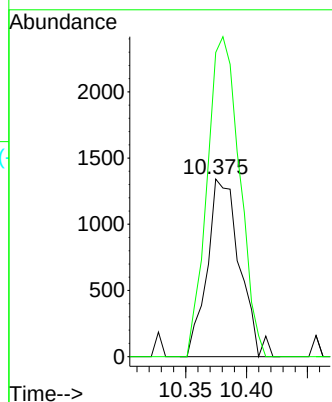
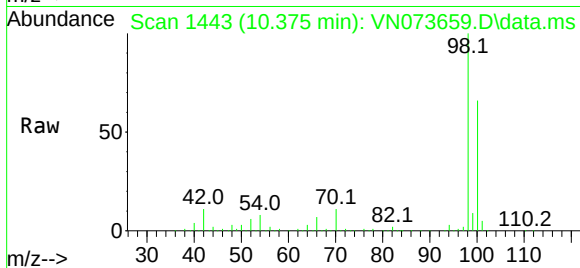




#51
4-Methyl-2-Pentanone
Concen: 0.393 ug/l
RT: 10.375 min Scan# 1426
Delta R.T. 0.100 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

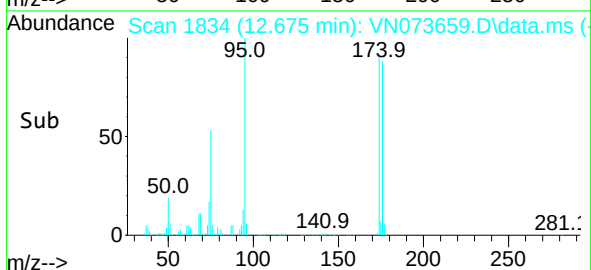
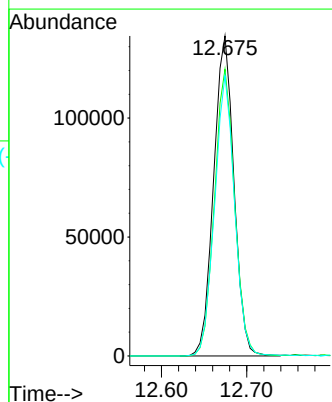
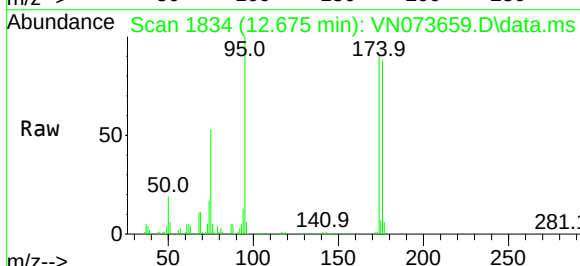
Instrument :
MSVOA_N
ClientSampleId :

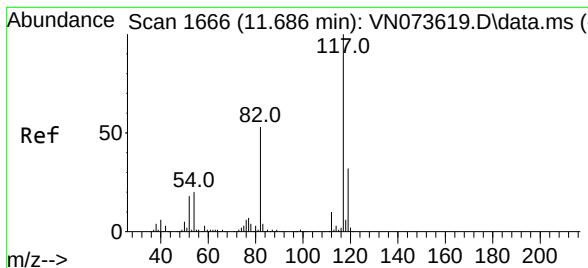
Tgt Ion: 43 Resp: 2474
Ion Ratio Lower Upper
43 100
58 181.4 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 49.110 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

Tgt Ion: 95 Resp: 222556
Ion Ratio Lower Upper
95 100
174 88.9 0.0 167.6
176 86.2 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: VN073659.D

Acq: 01 Aug 2022 14:54

Instrument :

MSVOA_N

ClientSampleId :

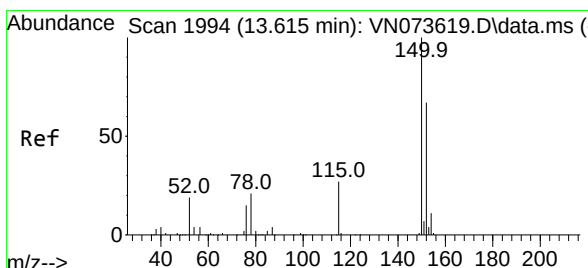
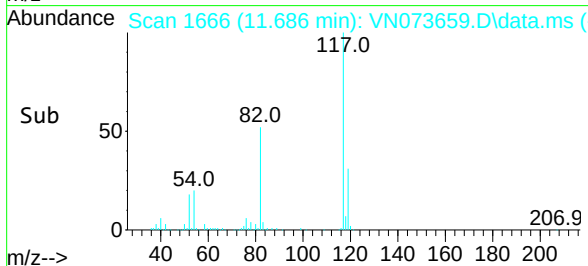
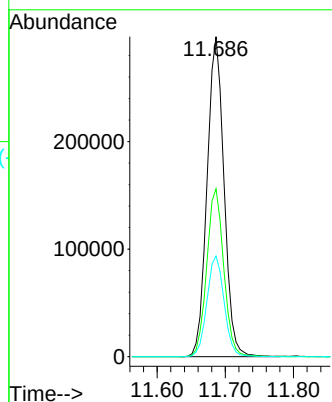
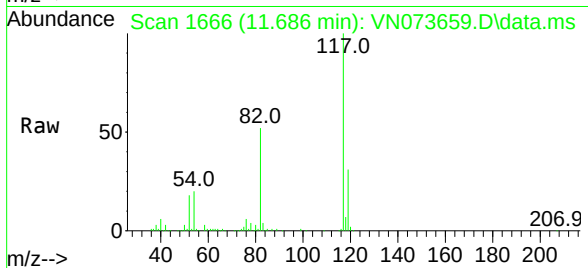
Tgt Ion:117 Resp: 514728

Ion Ratio Lower Upper

117 100

82 52.4 44.2 66.2

119 31.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073659.D

Acq: 01 Aug 2022 14:54

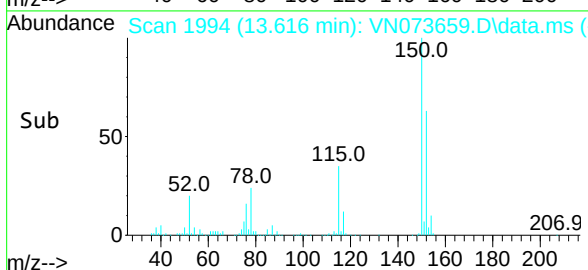
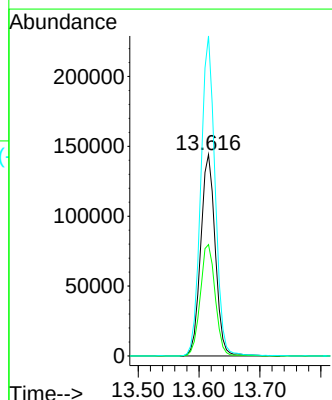
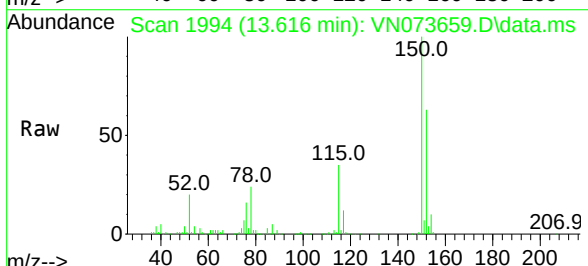
Tgt Ion:152 Resp: 239669

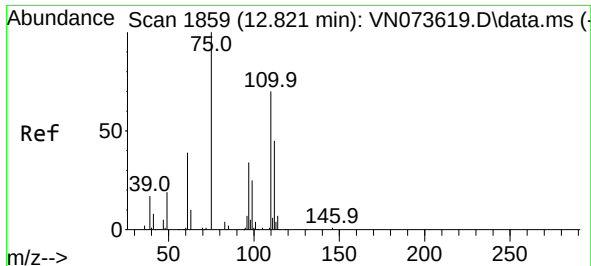
Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.7

150 156.1 0.0 356.2

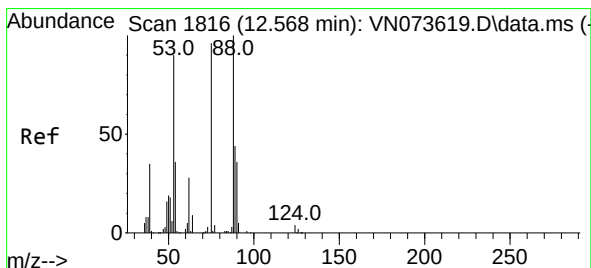
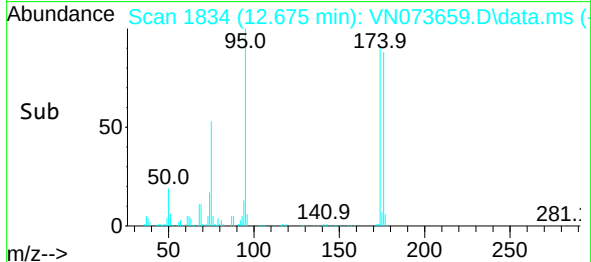
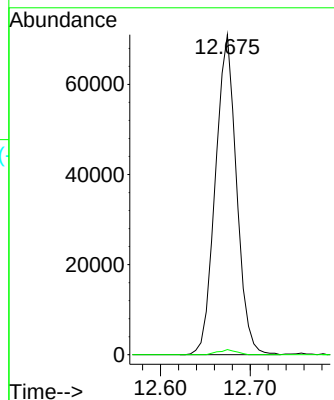
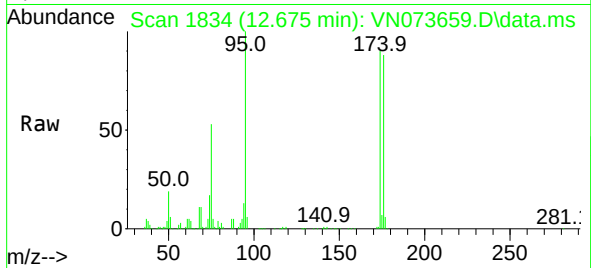




#76
1,2,3-Trichloropropane
Concen: 24.875 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. -0.146 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 116327
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.900 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073659.D
Acq: 01 Aug 2022 14:54

Tgt Ion: 75 Resp: 116327
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

