

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN073008.D
 Acq On : 22 Jun 2022 06:54
 Operator : JC\MD
 Sample : N3381-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2022-06-16

Quant Time: Jun 22 07:22:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

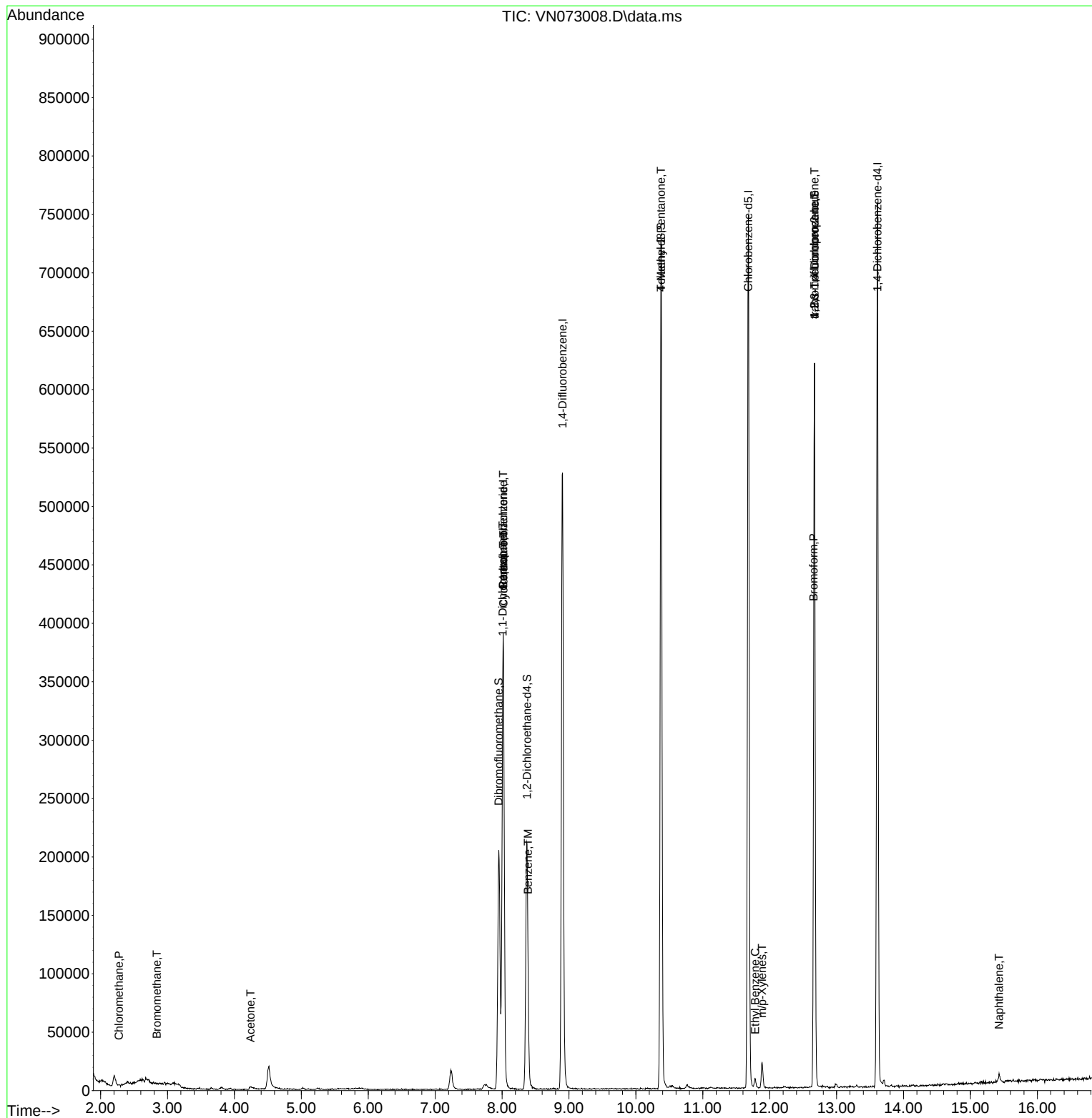
Internal Standards						
1) Pentafluorobenzene	8.016	168	294534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	476926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	430193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	198606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	176842	44.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.820%
35) Dibromofluoromethane	7.951	113	153815	52.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.375	98	494532	45.085	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.160%
62) 4-Bromofluorobenzene	12.668	95	208386	52.832	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	683	0.793	ug/l #	86
5) Bromomethane	2.840	94	259	0.262	ug/l #	2
16) Acetone	4.240	43	5044	2.304	ug/l #	77
20) Methylene Chloride	5.010	84	449	Below Cal	#	37
26) 2,2-Dichloropropane	7.234	77	1042	Below Cal	#	53
31) Cyclohexane	8.022	56	6476	1.202	ug/l #	14
36) 1,1-Dichloropropene	8.010	75	24000	6.017	ug/l #	48
38) Carbon Tetrachloride	8.016	117	29421	7.012	ug/l #	18
40) Benzene	8.386	78	10372	0.827	ug/l #	87
51) 4-Methyl-2-Pentanone	10.375	43	2581	0.434	ug/l #	1
67) Ethyl Benzene	11.780	91	5888	0.398	ug/l	94
68) m/p-Xylenes	11.886	106	6788	1.170	ug/l	92
71) Bromoform	12.657	173	947	0.393	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	108868	22.609	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	108868	61.059	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.539	75	55	Below Cal	#	1
95) Naphthalene	15.427	128	6528	0.425	ug/l #	93

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

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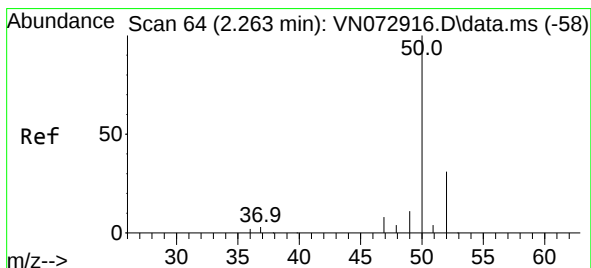
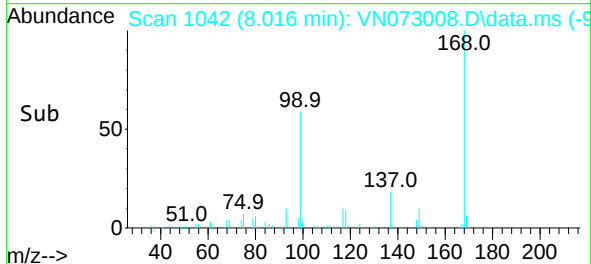
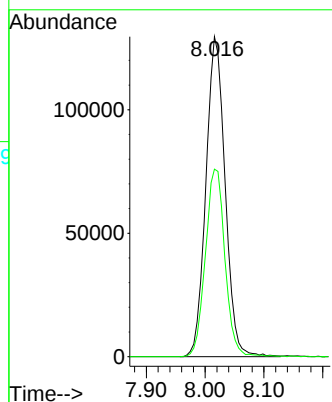
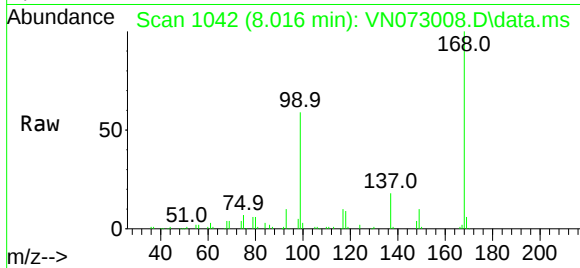




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

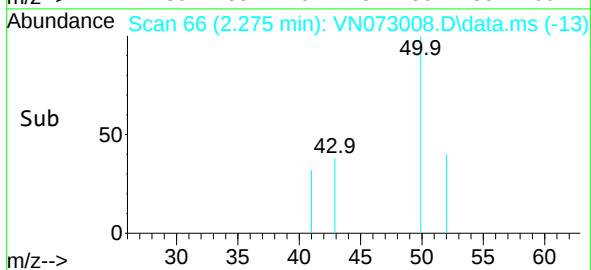
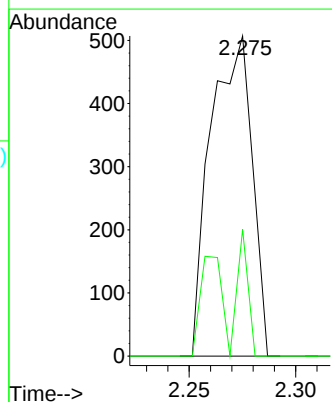
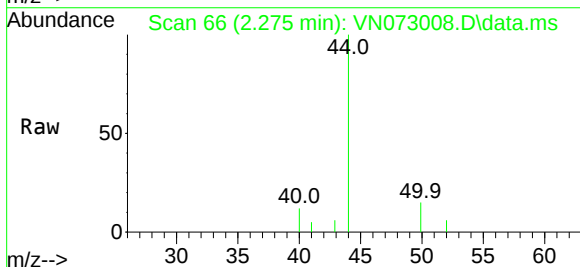
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

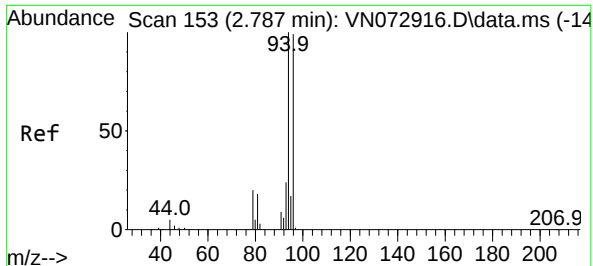
Tgt Ion:168 Resp: 294534
Ion Ratio Lower Upper
168 100
99 58.6 42.3 63.5



#3
Chloromethane
Concen: 0.793 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

Tgt Ion: 50 Resp: 683
Ion Ratio Lower Upper
50 100
52 39.6 25.7 38.5#

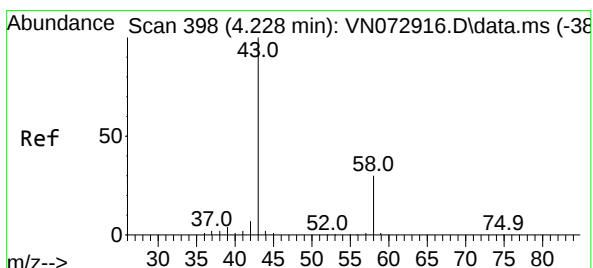
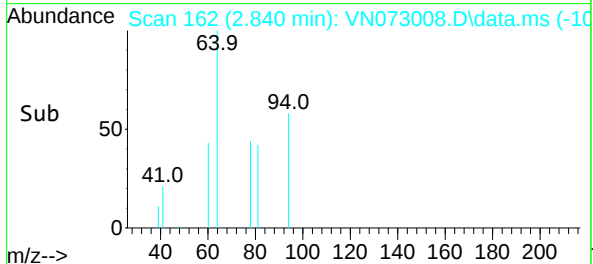
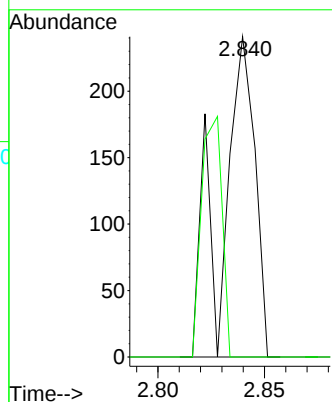
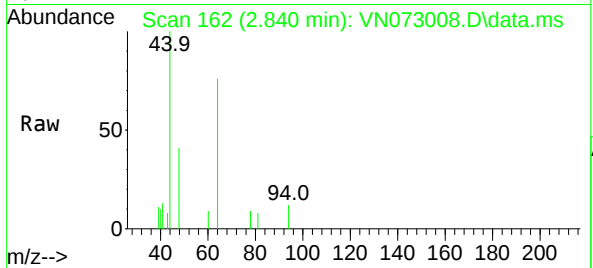




#5
Bromomethane
Concen: 0.262 ug/l
RT: 2.840 min Scan# 1
Delta R.T. 0.053 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

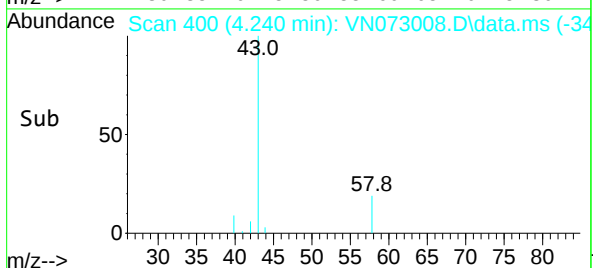
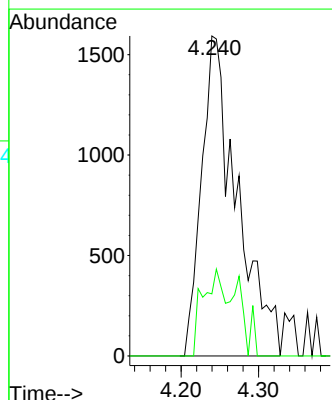
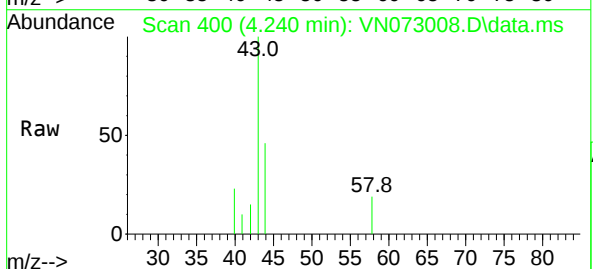
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

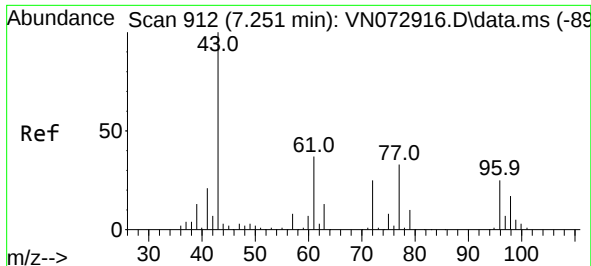
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#16
Acetone
Concen: 2.304 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.012 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

Tgt Ion: 43 Resp: 5044
Ion Ratio Lower Upper
43 100
58 19.4 26.0 39.0#

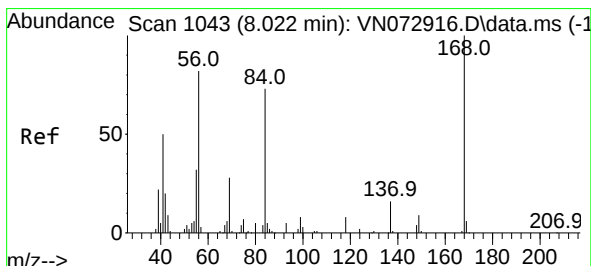
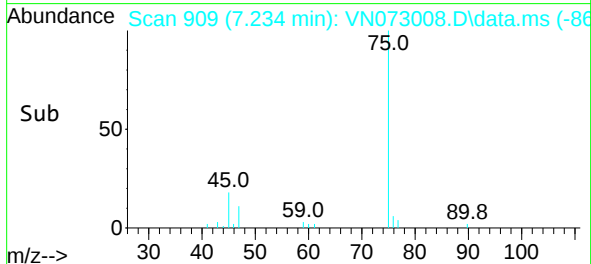
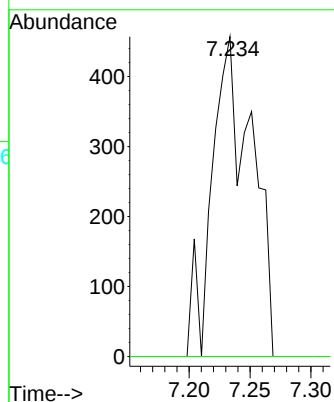
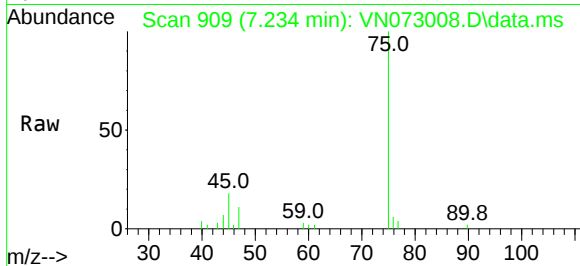




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.234 min Scan# 909
Delta R.T. -0.017 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

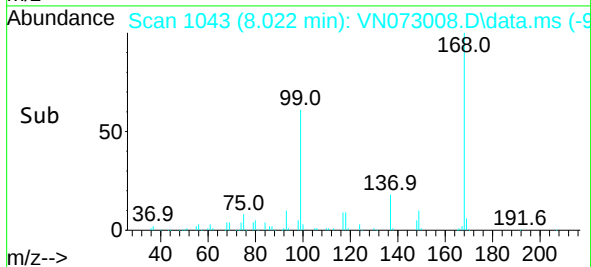
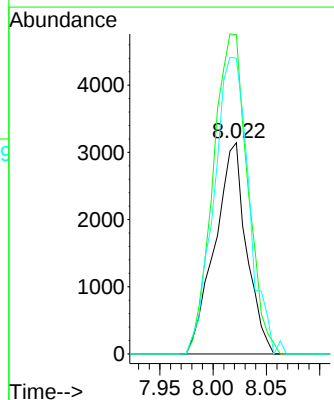
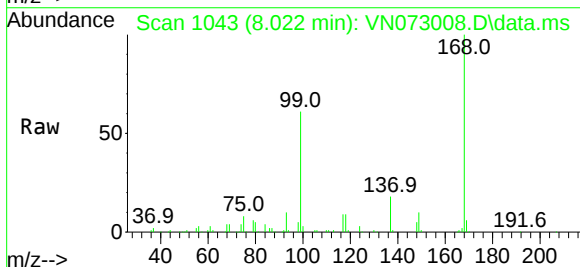
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

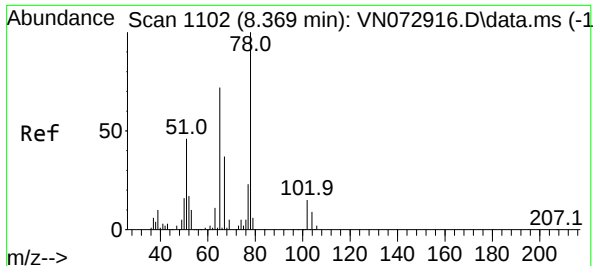
Tgt Ion: 77 Resp: 1042
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

Tgt Ion: 56 Resp: 6476
Ion Ratio Lower Upper
56 100
69 151.2 27.8 41.8#
84 140.0 76.9 115.3#

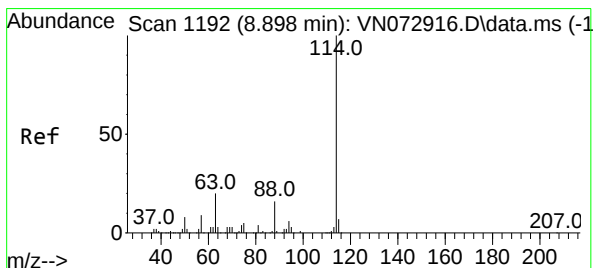
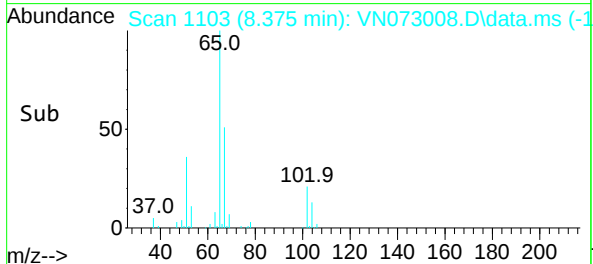
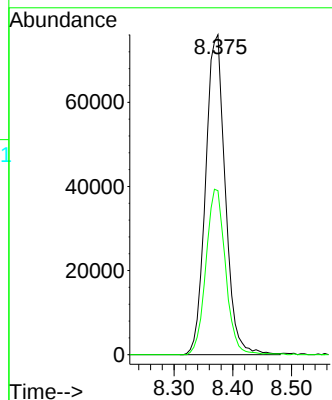
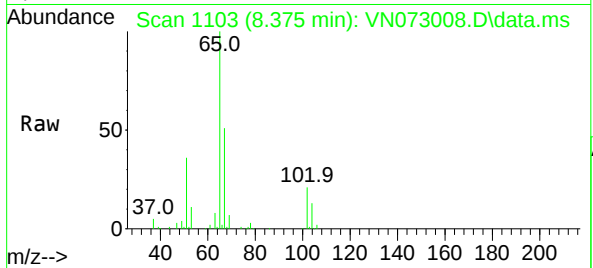




#33
 1,2-Dichloroethane-d4
 Concen: 44.410 ug/l
 RT: 8.375 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: VN073008.D
 Acq: 22 Jun 2022 06:54

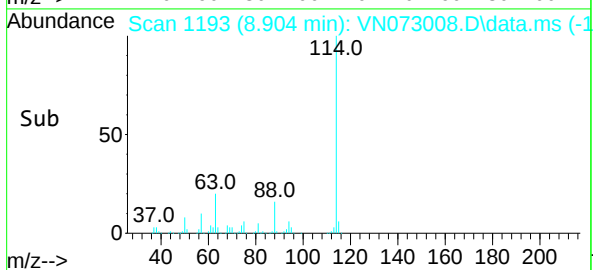
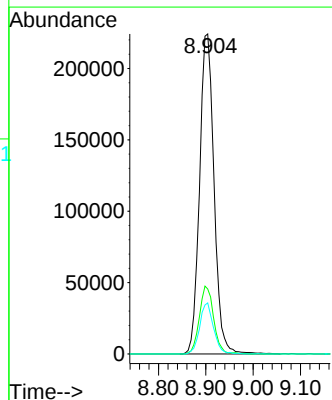
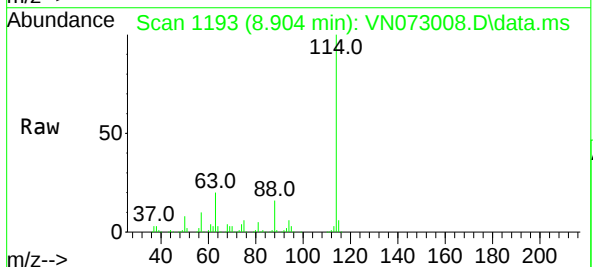
Instrument :
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 ClientSampleId :
 TB-2022-06-16

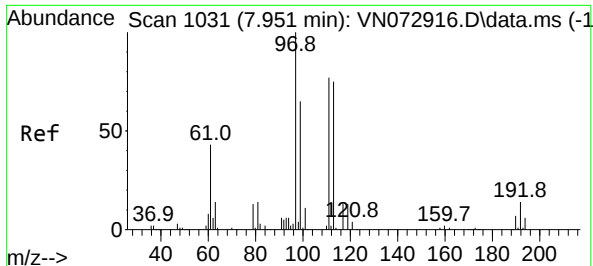
Tgt Ion: 65 Resp: 176842
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073008.D
 Acq: 22 Jun 2022 06:54

Tgt Ion: 114 Resp: 476926
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.179 ug/l

RT: 7.951 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN073008.D

Acq: 22 Jun 2022 06:54

Instrument :

MSVOA_N

ClientSampleId :

TB-2022-06-16

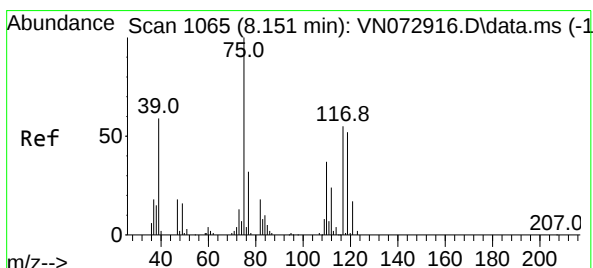
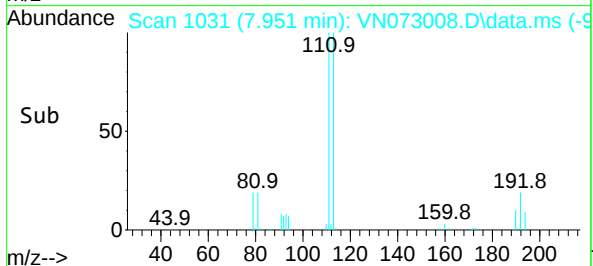
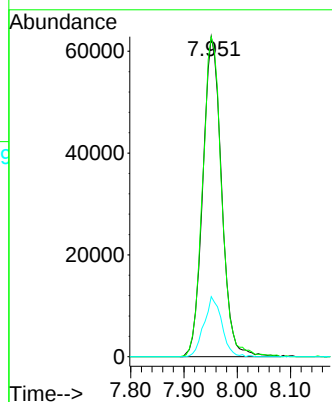
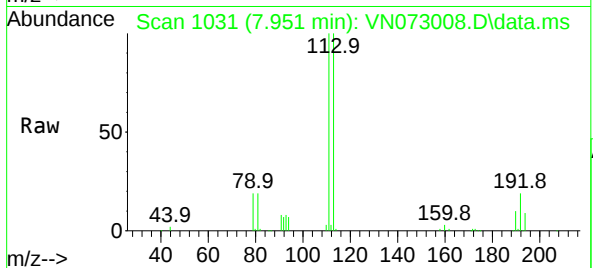
Tgt Ion:113 Resp: 153815

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 17.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 6.017 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN073008.D

Acq: 22 Jun 2022 06:54

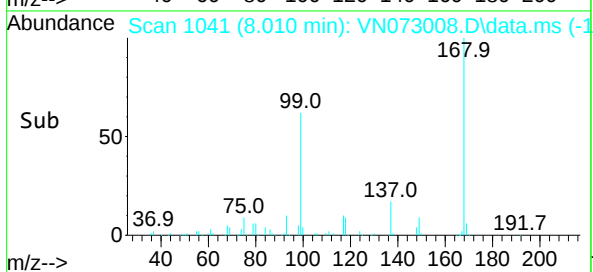
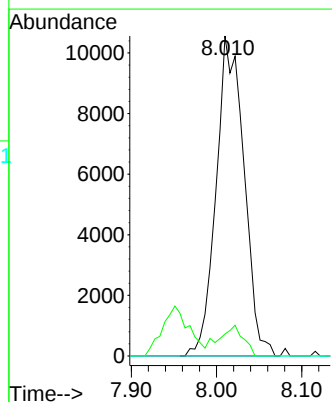
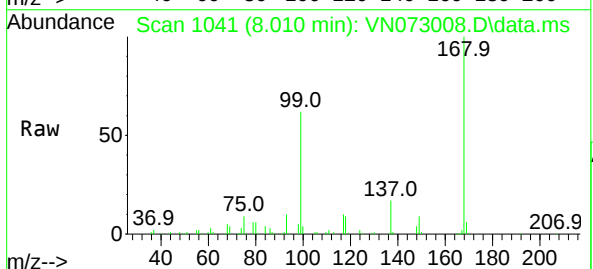
Tgt Ion: 75 Resp: 24000

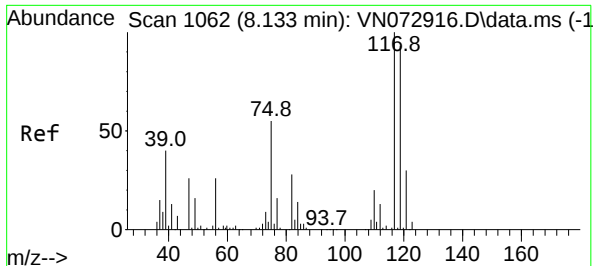
Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

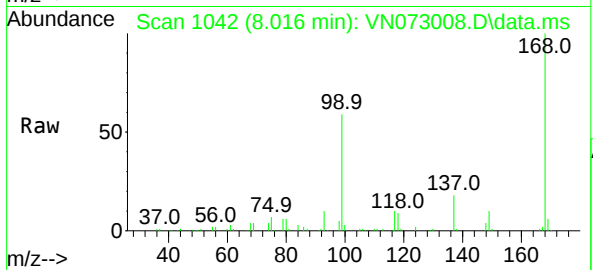
77 0.0 25.1 37.7#



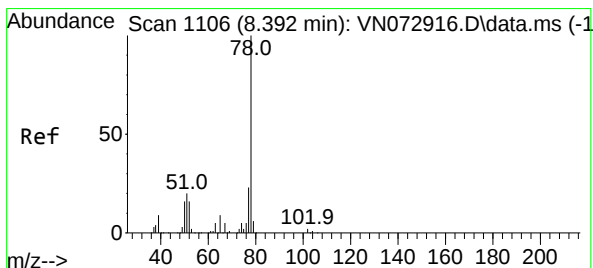
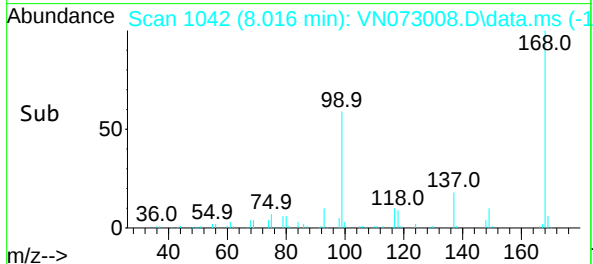
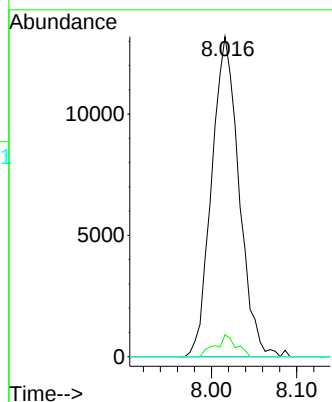


#38
Carbon Tetrachloride
Concen: 7.012 ug/l
RT: 8.016 min Scan# 1105
Delta R.T. -0.118 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

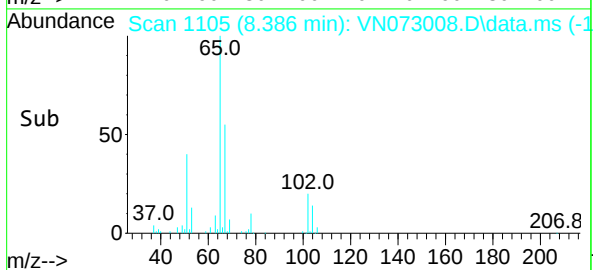
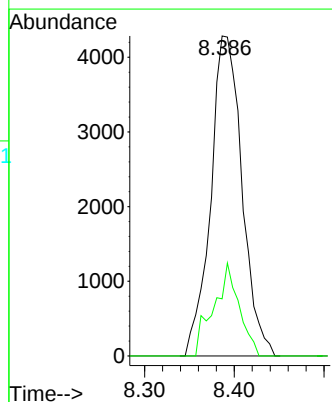
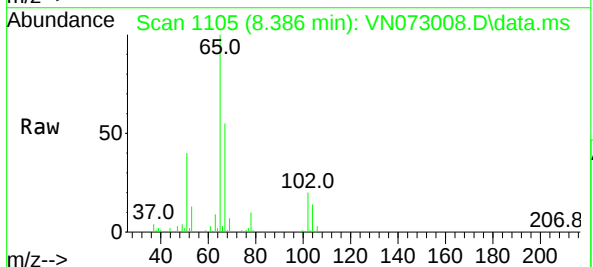


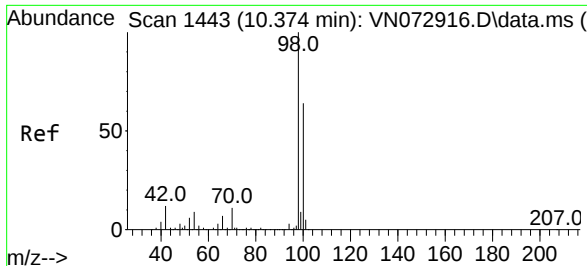
Tgt Ion:117 Resp: 29421
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 0.827 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

Tgt Ion: 78 Resp: 10372
Ion Ratio Lower Upper
78 100
77 17.8 19.4 29.0#

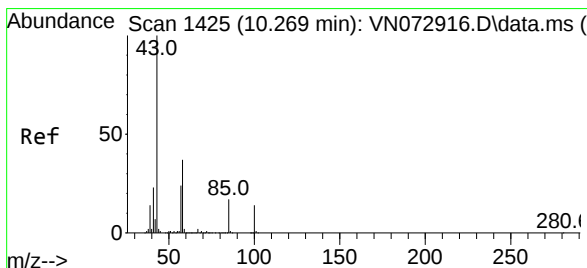
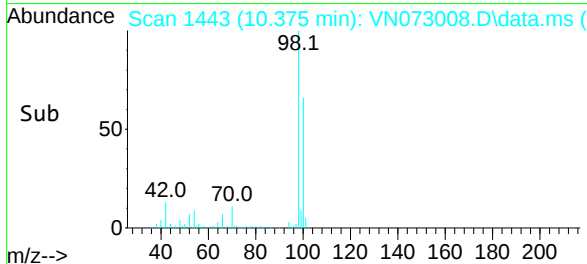
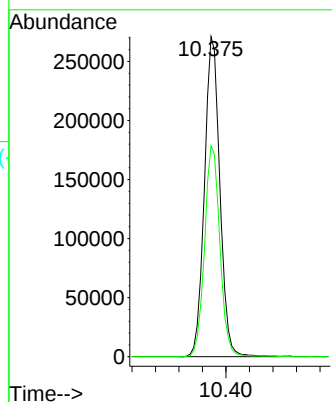
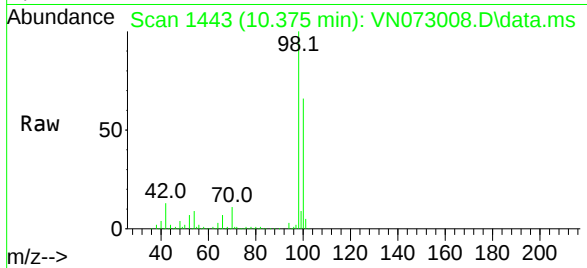




#50
Toluene-d8
Concen: 45.085 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

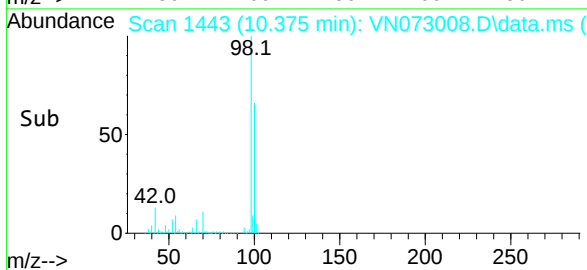
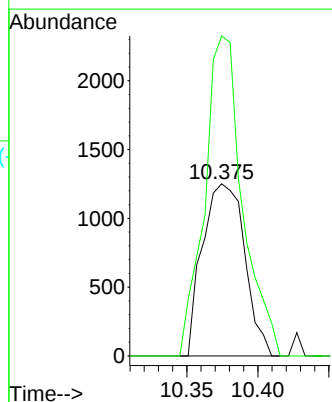
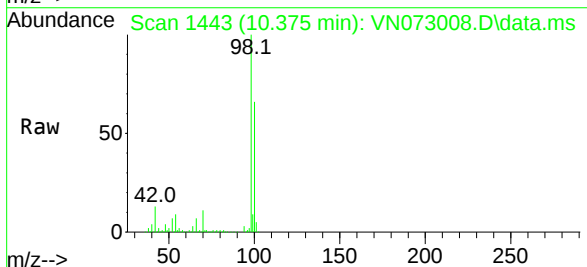
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

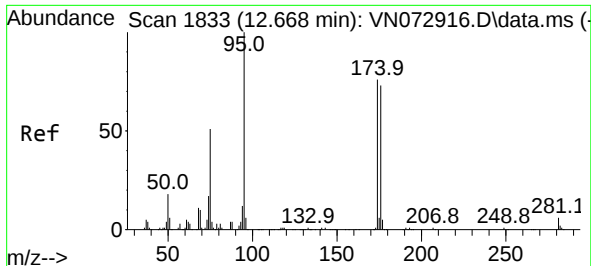
Tgt Ion: 98 Resp: 494532
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.434 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.106 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

Tgt Ion: 43 Resp: 2581
Ion Ratio Lower Upper
43 100
58 167.4 34.1 51.1#

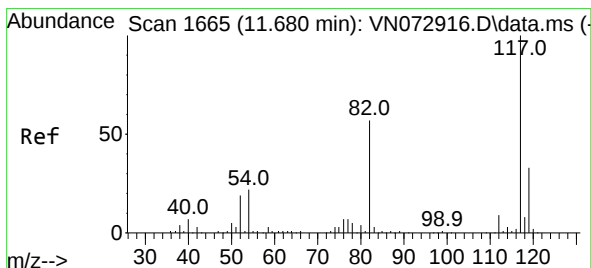
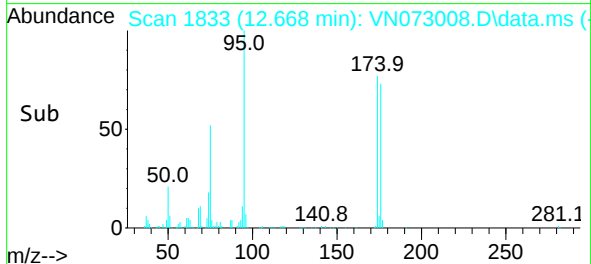
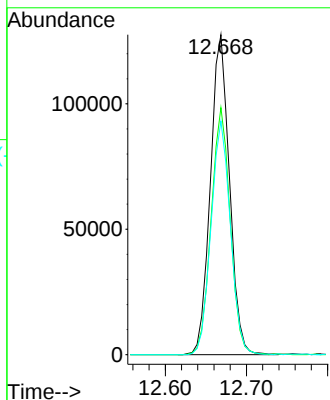
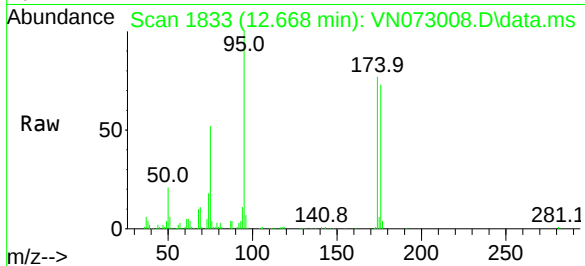




#62
4-Bromofluorobenzene
Concen: 52.832 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

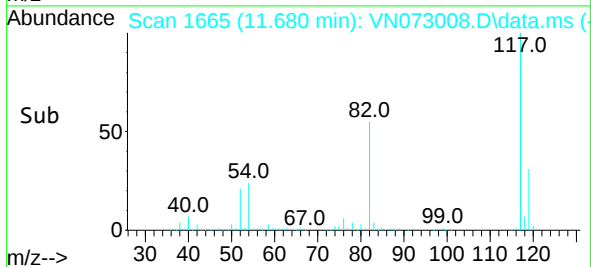
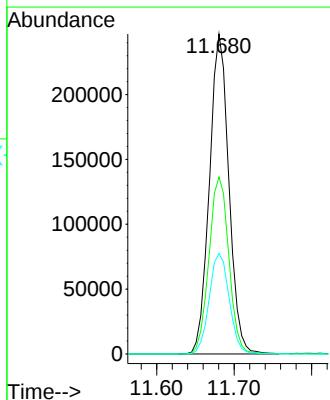
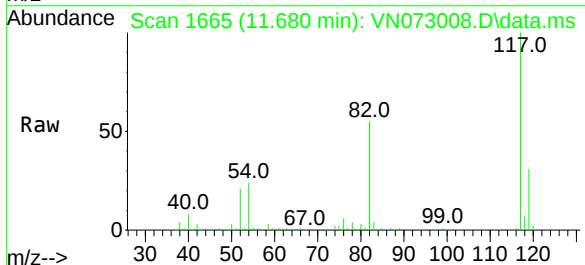
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

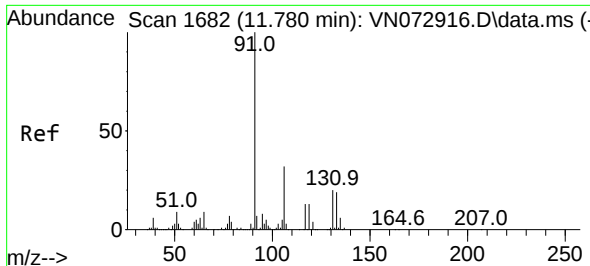
Tgt Ion: 95 Resp: 208386
Ion Ratio Lower Upper
95 100
174 77.1 0.0 167.6
176 73.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

Tgt Ion: 117 Resp: 430193
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.4 25.4 38.0





#67

Ethyl Benzene

Concen: 0.398 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073008.D

Acq: 22 Jun 2022 06:54

Instrument :

MSVOA_N

ClientSampleId :

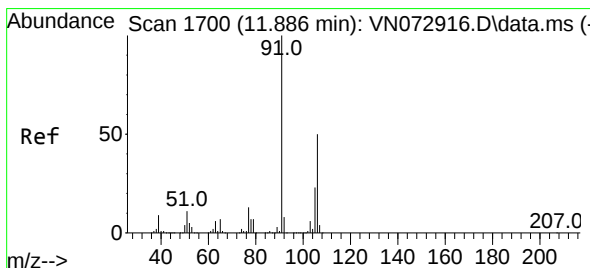
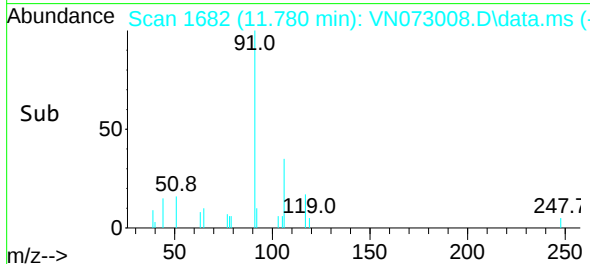
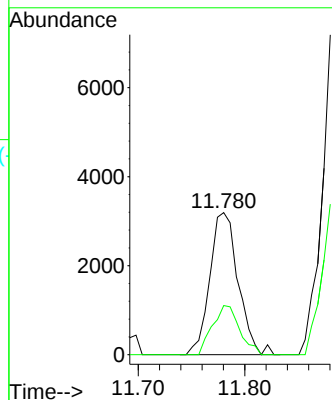
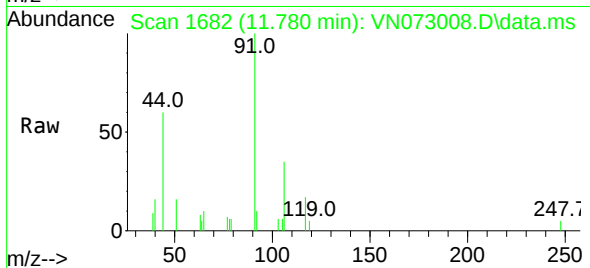
TB-2022-06-16

Tgt Ion: 91 Resp: 5888

Ion Ratio Lower Upper

91 100

106 34.6 24.9 37.3



#68

m/p-Xylenes

Concen: 1.170 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VN073008.D

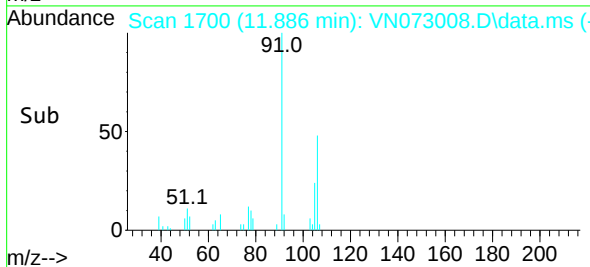
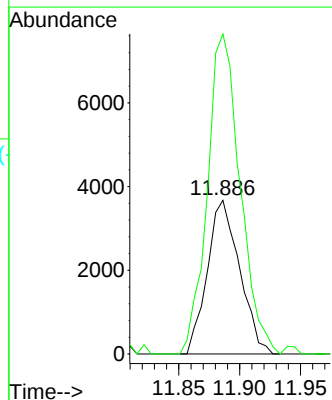
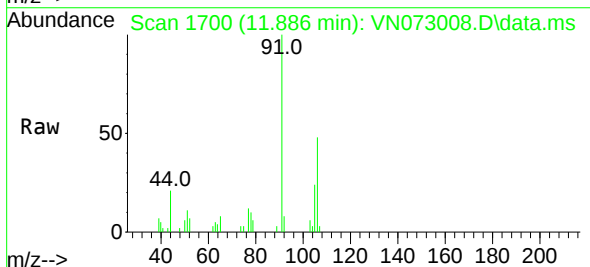
Acq: 22 Jun 2022 06:54

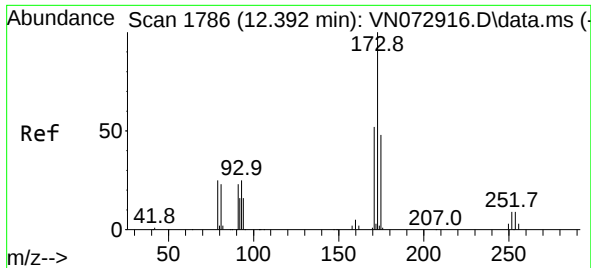
Tgt Ion: 106 Resp: 6788

Ion Ratio Lower Upper

106 100

91 210.9 158.9 238.3

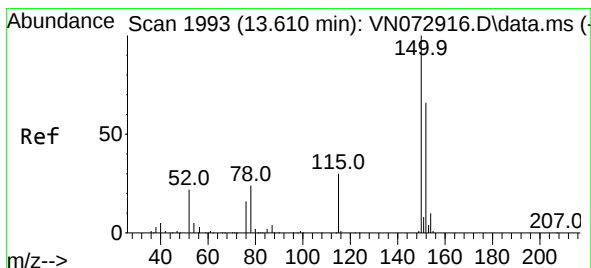
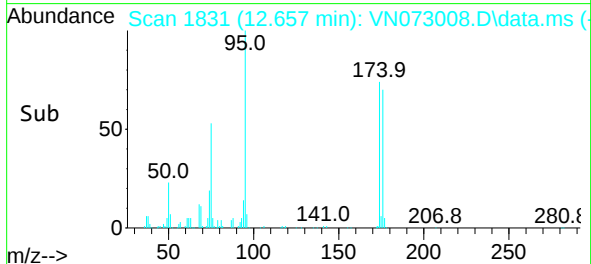
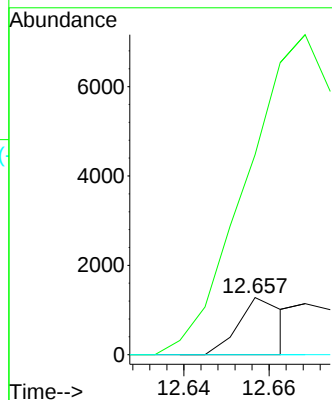
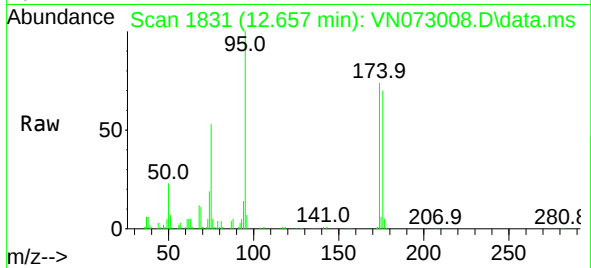




#71
Bromoform
Concen: 0.393 ug/l
RT: 12.657 min Scan# 1831
Delta R.T. 0.265 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

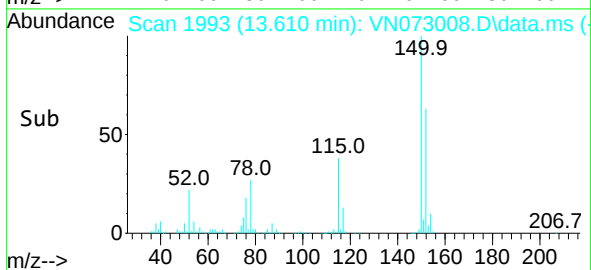
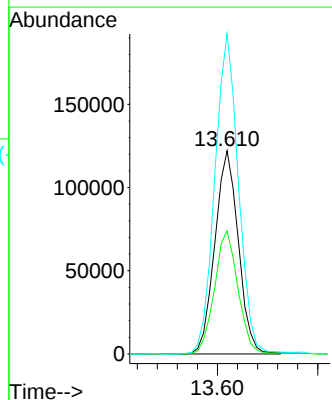
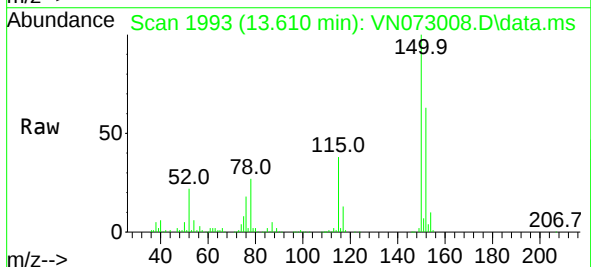
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

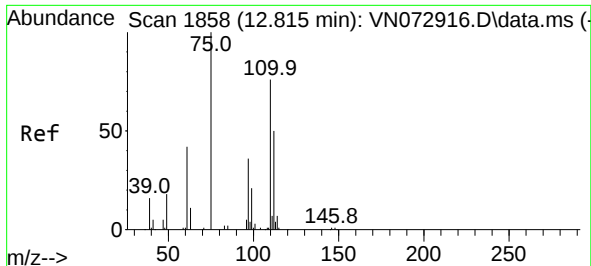
Tgt Ion:173 Resp: 947
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

Tgt Ion:152 Resp: 198606
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 158.7 0.0 356.2

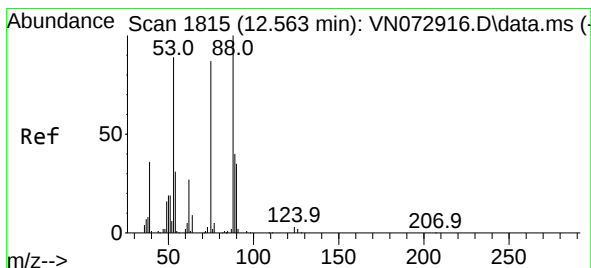
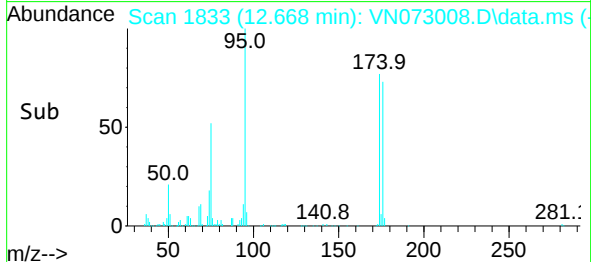
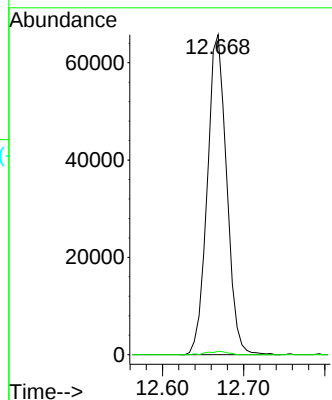
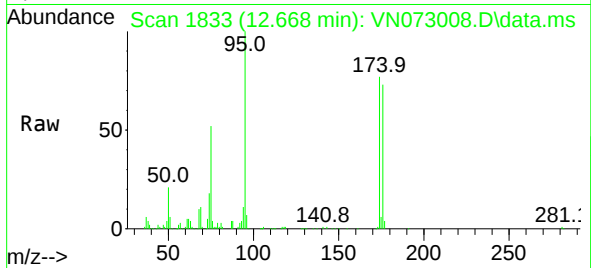




#76
1,2,3-Trichloropropane
Concen: 22.609 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

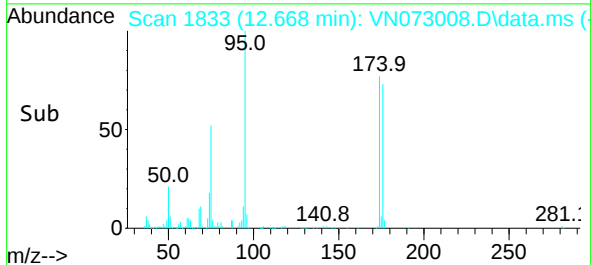
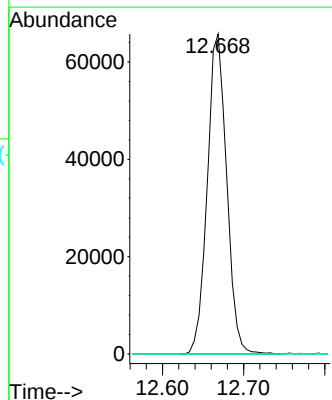
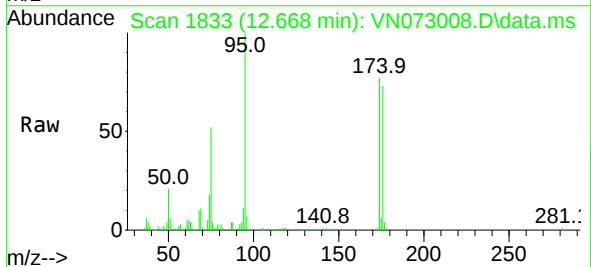
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

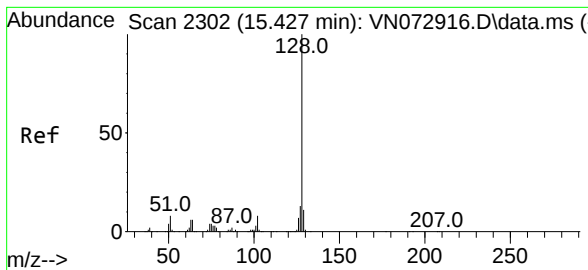
Tgt Ion: 75 Resp: 108868
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.059 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

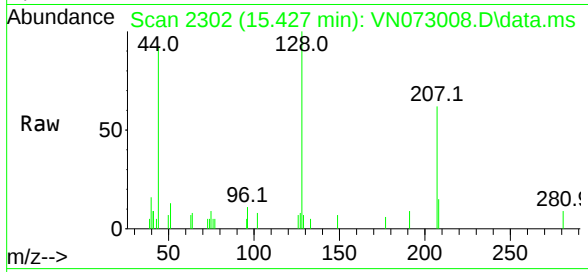
Tgt Ion: 75 Resp: 108868
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.425 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073008.D
Acq: 22 Jun 2022 06:54

Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16



Tgt Ion:	128	Resp:	6528
Ion	Ratio	Lower	Upper
128	100		
127	8.1	10.3	15.5#
129	10.3	8.6	13.0

