

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072758.D
 Acq On : 10 Jun 2022 12:12
 Operator : JC\MD
 Sample : VN0610WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBL01

Quant Time: Jun 11 01:52:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

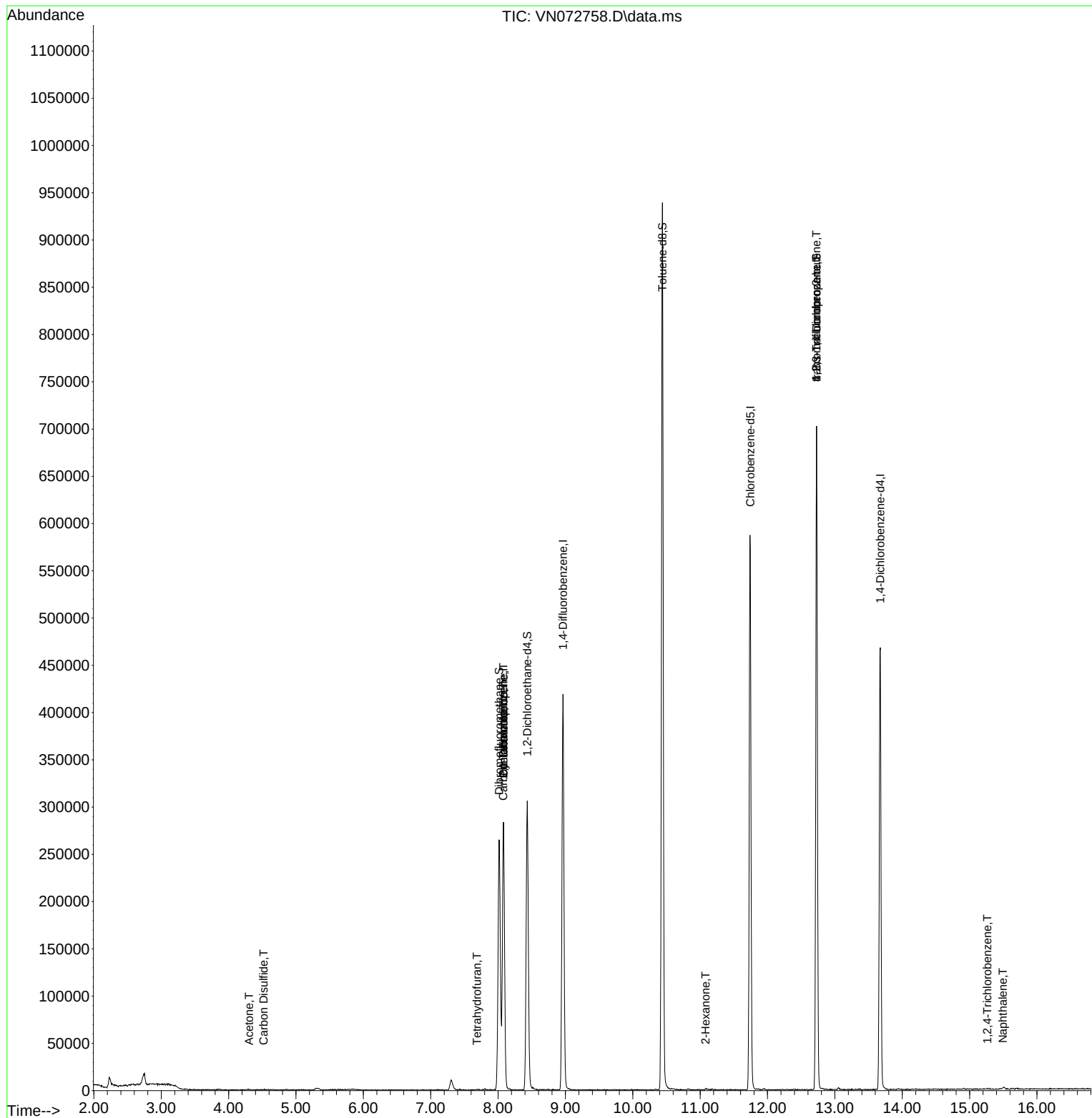
Internal Standards						
1) Pentafluorobenzene	8.081	168	177776	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	333609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	306414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	113908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	257073	53.878	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 107.760%		
35) Dibromofluoromethane	8.016	113	188487	57.100	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 114.200%		
50) Toluene-d8	10.439	98	608536	46.205	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 92.420%		
62) 4-Bromofluorobenzene	12.727	95	236500	52.330	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 104.660%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	580	Below Cal	#	43
5) Bromomethane	2.846	94	139	Below Cal	#	2
6) Chloroethane	2.993	64	696	Below Cal	#	42
16) Acetone	4.304	43	1417	0.620	ug/l #	42
17) Carbon Disulfide	4.522	76	295	0.332	ug/l #	75
20) Methylene Chloride	5.075	84	279	Below Cal	#	51
29) Tetrahydrofuran	7.686	42	630	0.277	ug/l #	44
31) Cyclohexane	8.081	56	5954	0.475	ug/l #	45
36) 1,1-Dichloropropene	8.081	75	19161	4.182	ug/l #	49
38) Carbon Tetrachloride	8.075	117	22258	4.546	ug/l #	16
59) 2-Hexanone	11.080	43	1351	0.254	ug/l	69
76) 1,2,3-Trichloropropane	12.727	75	138936	37.798	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	138936	98.852	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	389	0.202	ug/l #	41
95) Naphthalene	15.492	128	3225	0.431	ug/l #	74

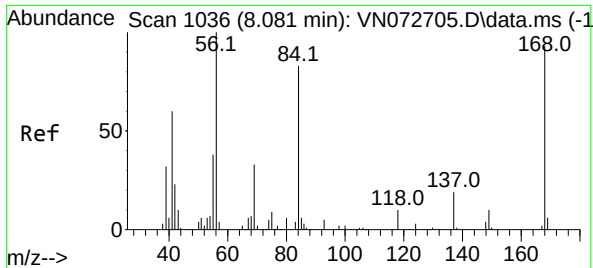
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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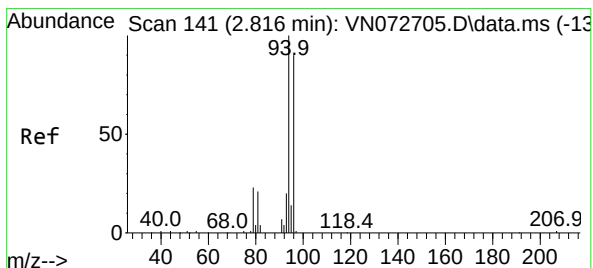
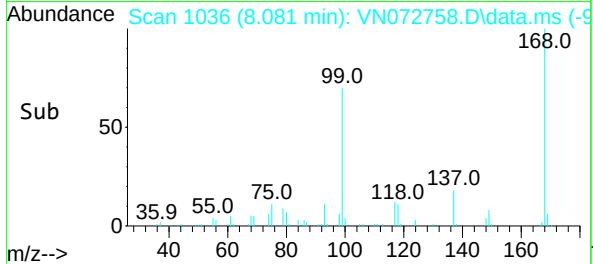
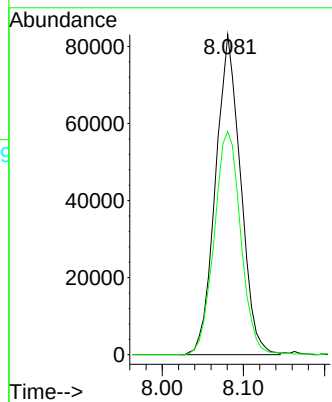
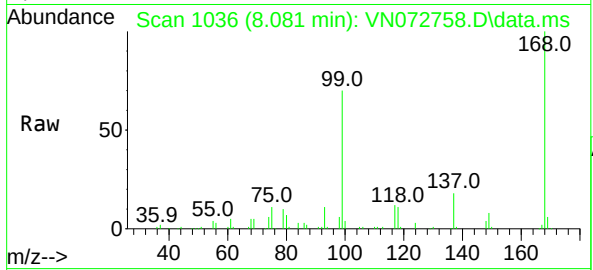




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

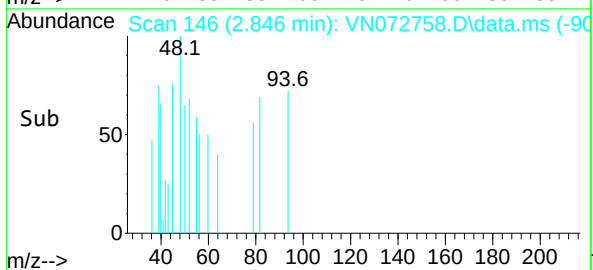
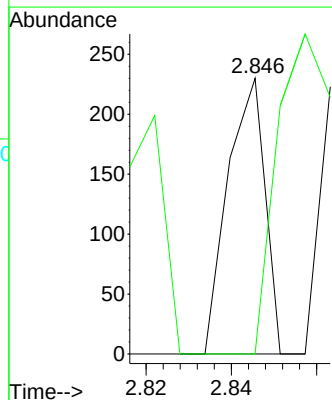
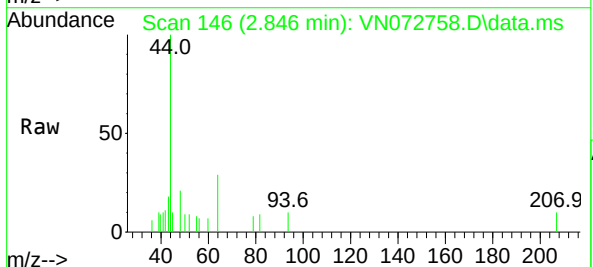
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

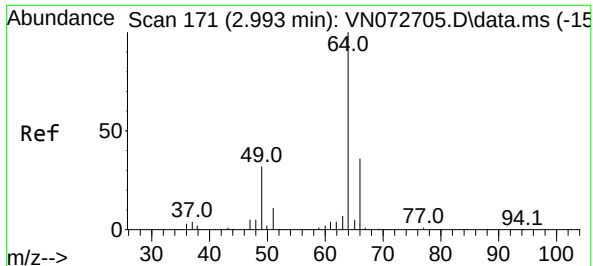
Tgt Ion:168 Resp: 177776
Ion Ratio Lower Upper
168 100
99 69.8 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.846 min Scan# 146
Delta R.T. 0.030 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

Tgt Ion: 94 Resp: 139
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

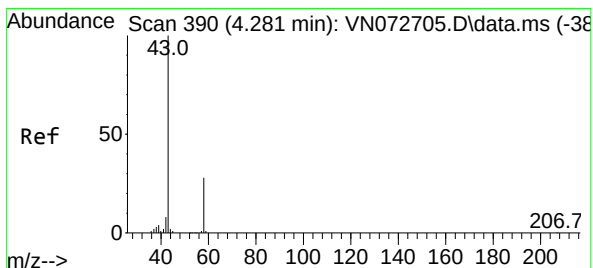
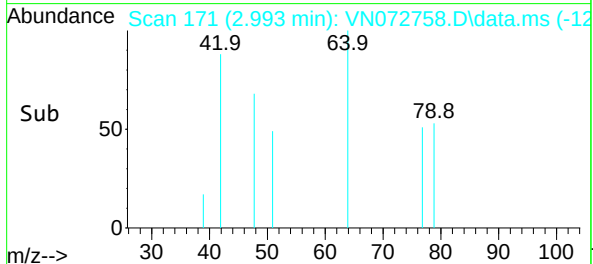
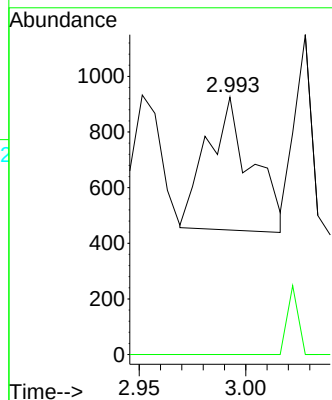
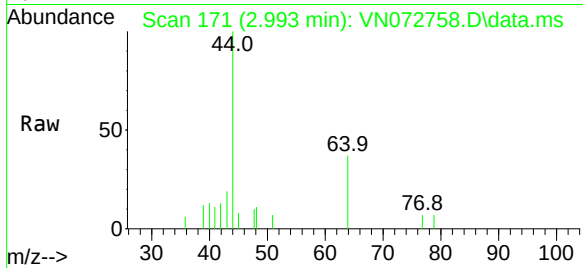




#6
Chloroethane
Concen: Below Cal
RT: 2.993 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

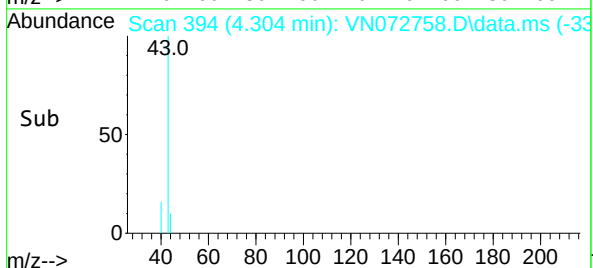
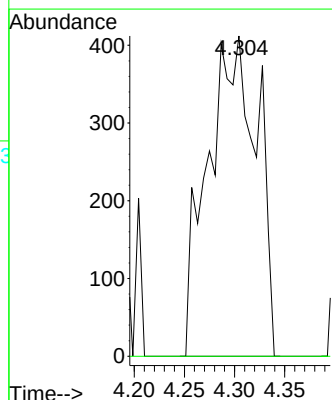
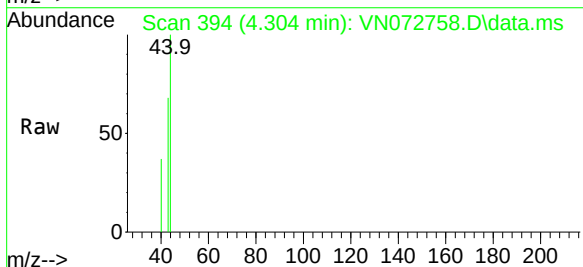
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

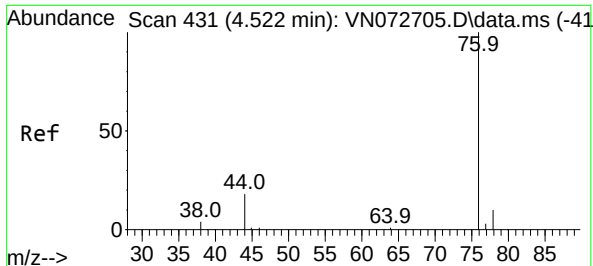
Tgt Ion: 64 Resp: 696
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.620 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

Tgt Ion: 43 Resp: 1417
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#17

Carbon Disulfide

Concen: 0.332 ug/l

RT: 4.522 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN072758.D

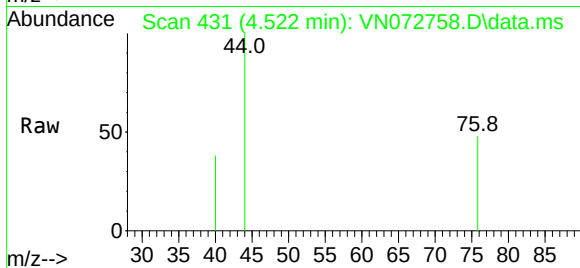
Acq: 10 Jun 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBL01

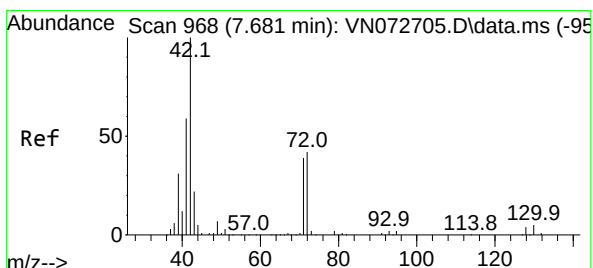
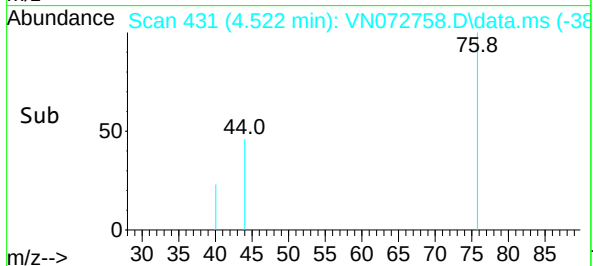
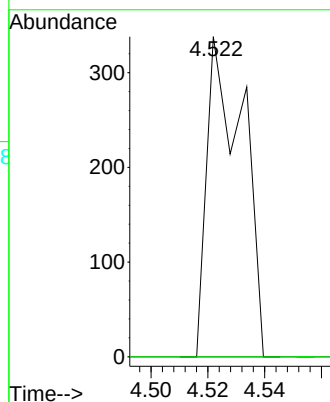


Tgt Ion: 76 Resp: 295

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#29

Tetrahydrofuran

Concen: 0.277 ug/l

RT: 7.686 min Scan# 969

Delta R.T. 0.005 min

Lab File: VN072758.D

Acq: 10 Jun 2022 12:12

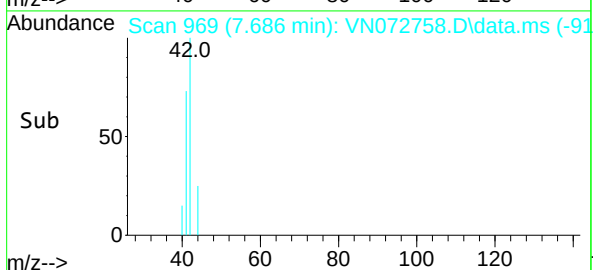
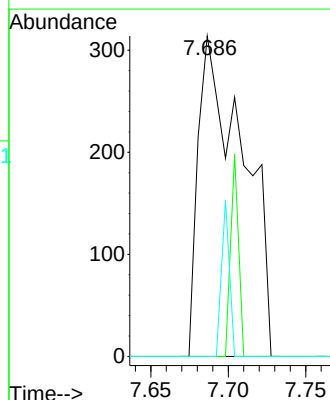
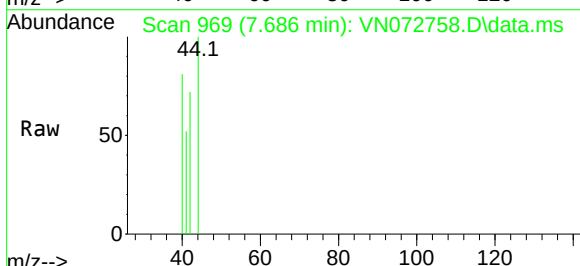
Tgt Ion: 42 Resp: 630

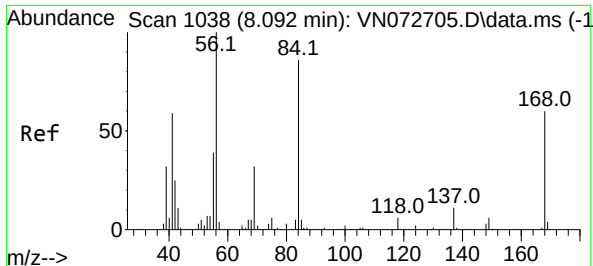
Ion Ratio Lower Upper

42 100

72 11.1 39.7 59.5#

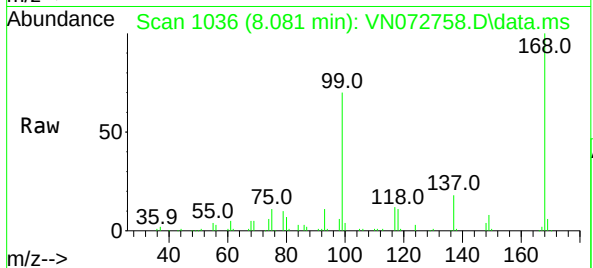
71 8.6 36.6 55.0#



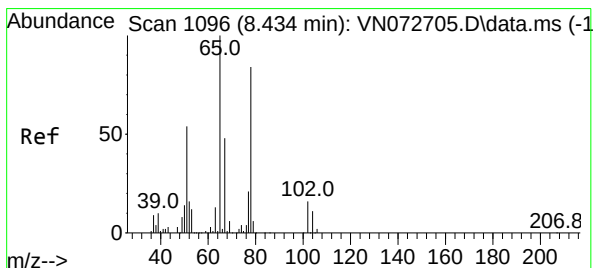
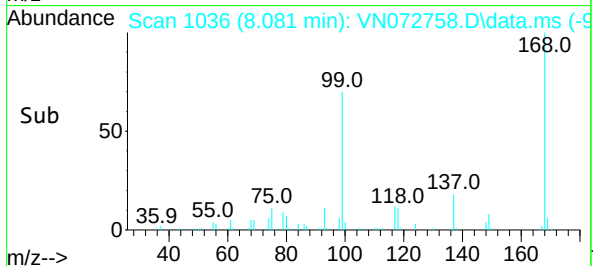
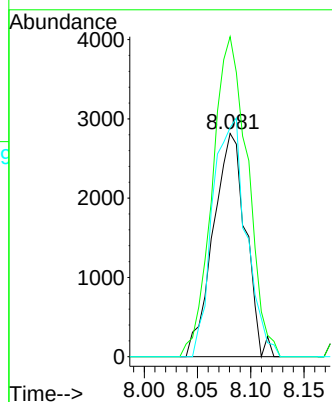


#31
Cyclohexane
Concen: 0.475 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

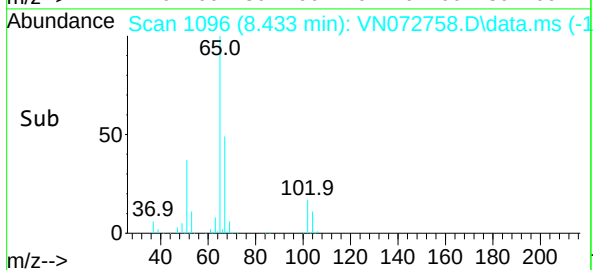
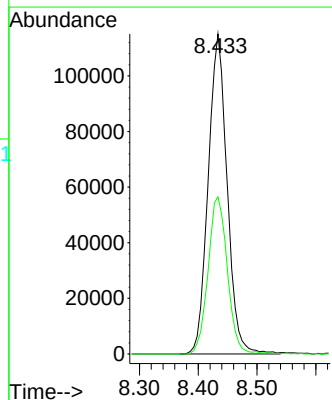
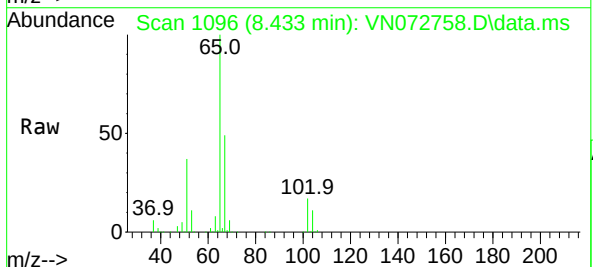


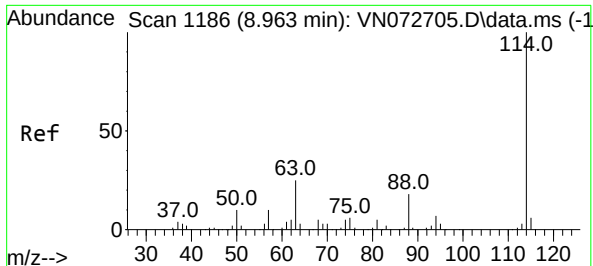
Tgt Ion: 56 Resp: 5954
Ion Ratio Lower Upper
56 100
69 143.4 27.8 41.8#
84 102.6 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 53.878 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

Tgt Ion: 65 Resp: 257073
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072758.D

Acq: 10 Jun 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBL01

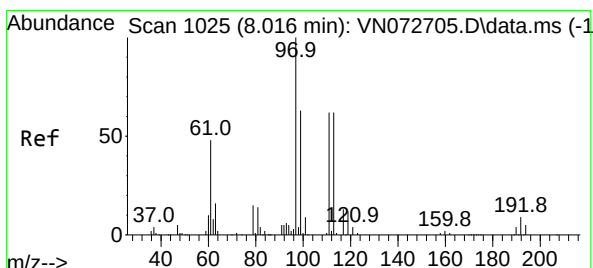
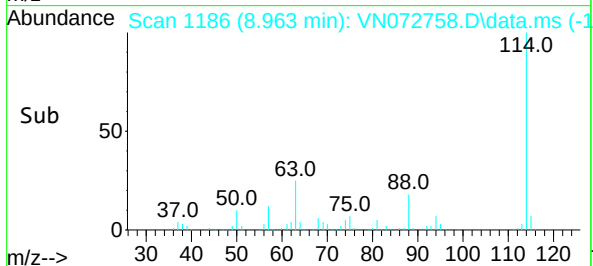
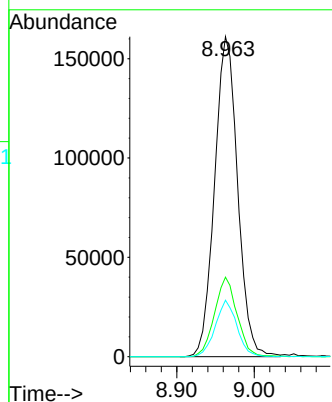
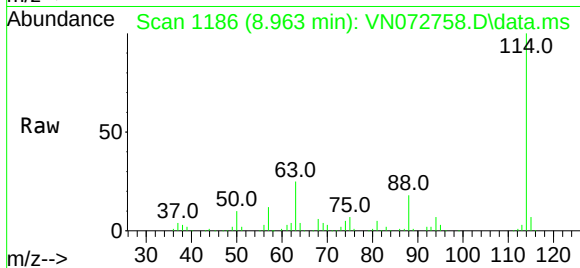
Tgt Ion:114 Resp: 333609

Ion Ratio Lower Upper

114 100

63 24.9 0.0 40.0

88 17.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 57.100 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072758.D

Acq: 10 Jun 2022 12:12

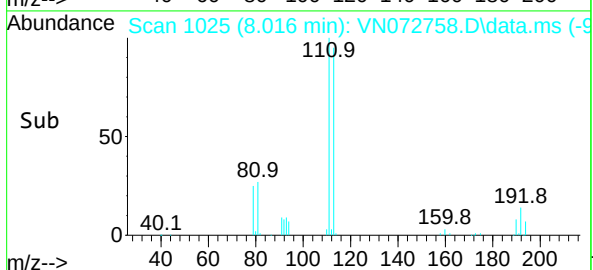
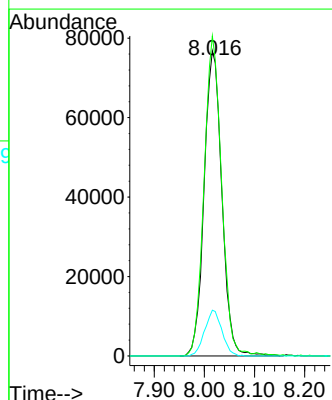
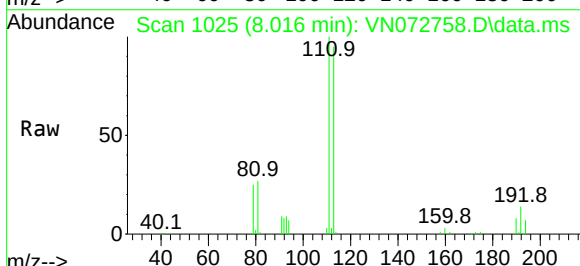
Tgt Ion:113 Resp: 188487

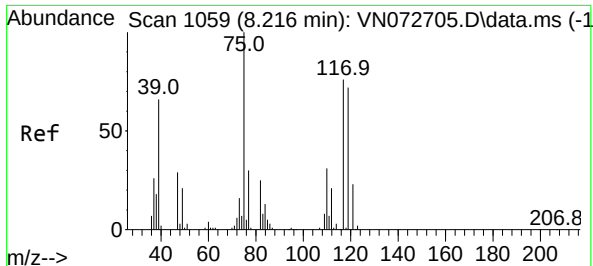
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 14.6 17.0 25.6#





#36

1,1-Dichloropropene

Concen: 4.182 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072758.D

Acq: 10 Jun 2022 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBL01

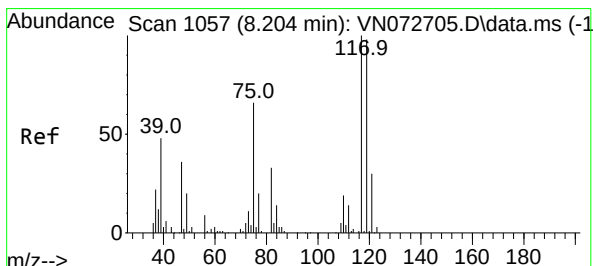
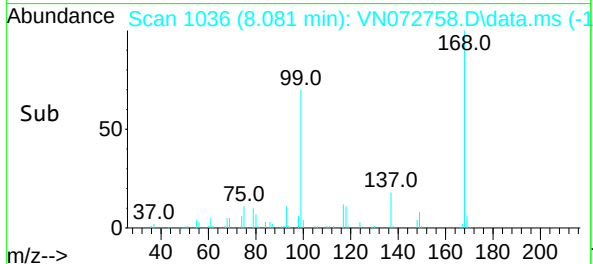
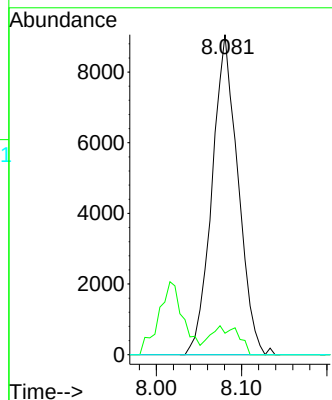
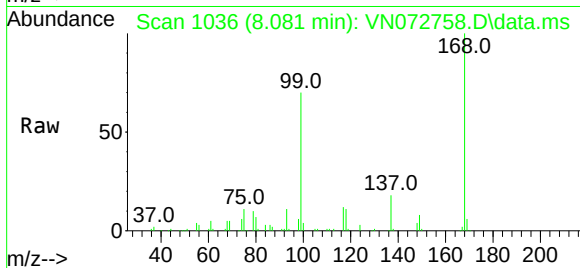
Tgt Ion: 75 Resp: 19161

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.546 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.129 min

Lab File: VN072758.D

Acq: 10 Jun 2022 12:12

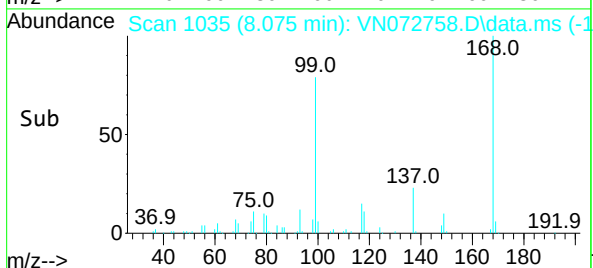
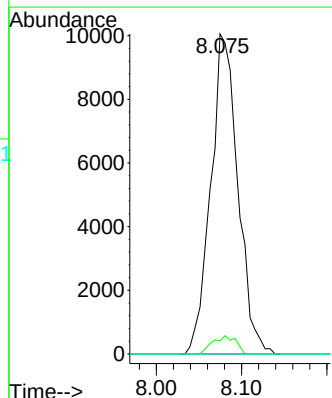
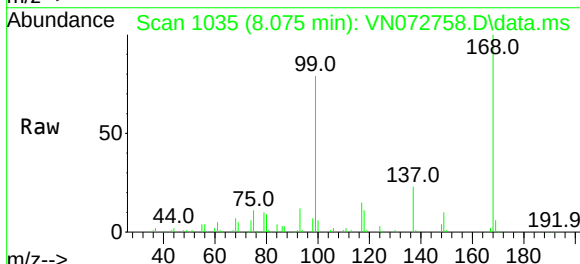
Tgt Ion: 117 Resp: 22258

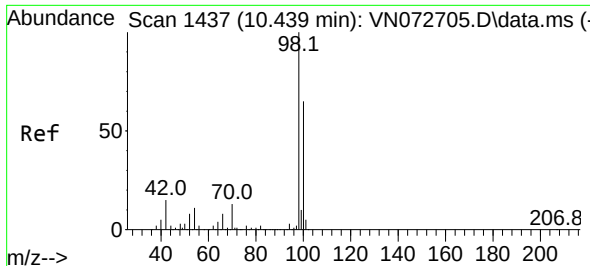
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.8#

121 0.0 24.6 37.0#

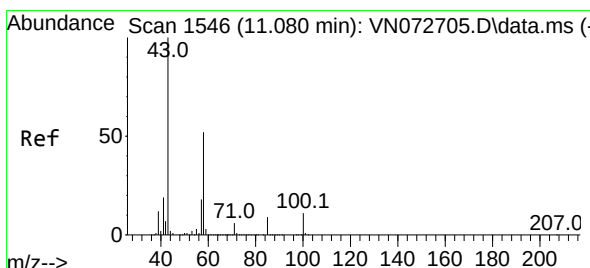
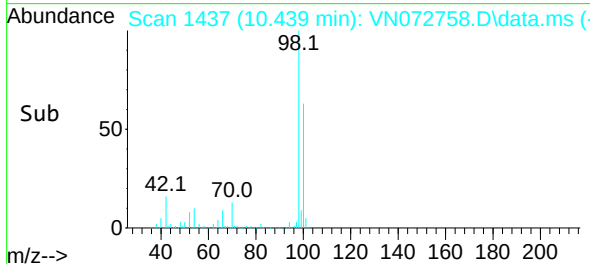
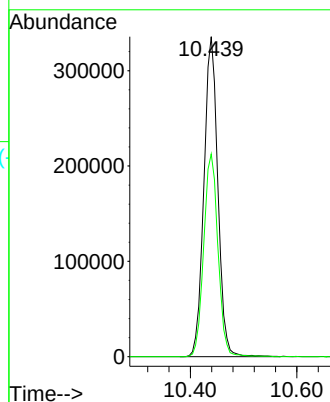
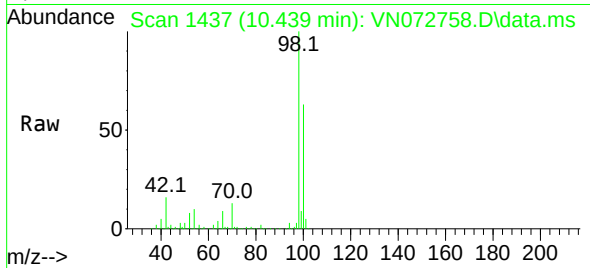




#50
Toluene-d8
Concen: 46.205 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

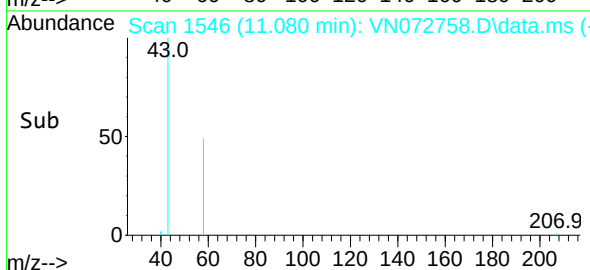
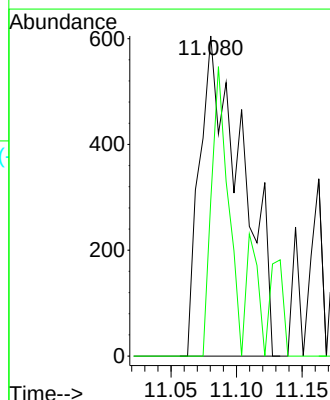
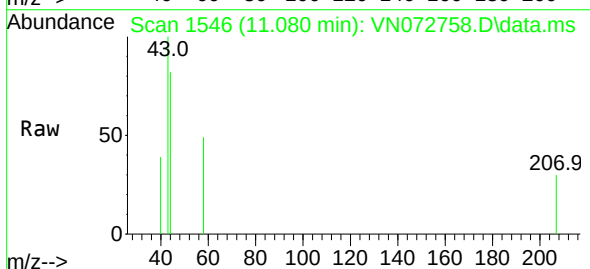
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

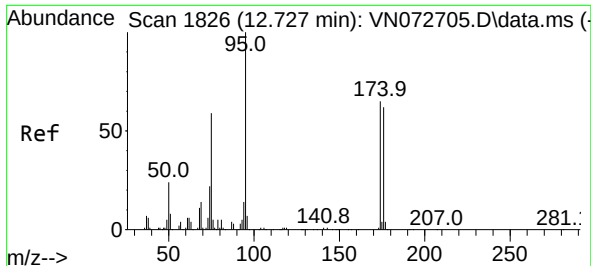
Tgt Ion: 98 Resp: 608536
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#59
2-Hexanone
Concen: 0.254 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 35.8 29.7 89.1

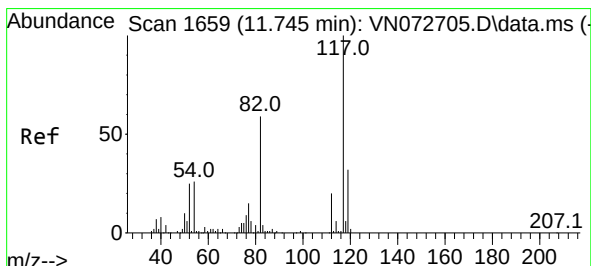
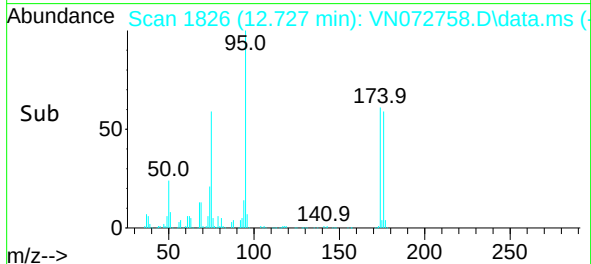
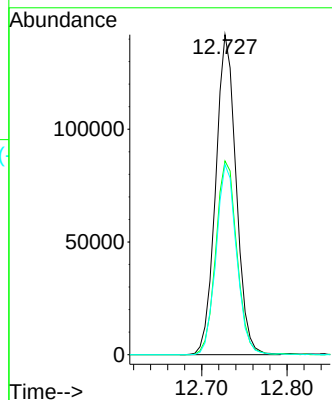
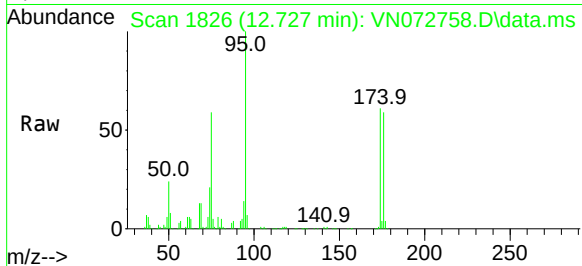




#62
4-Bromofluorobenzene
Concen: 52.330 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

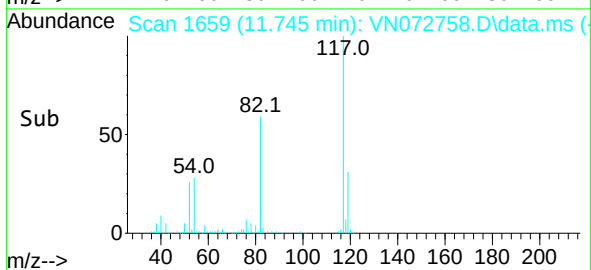
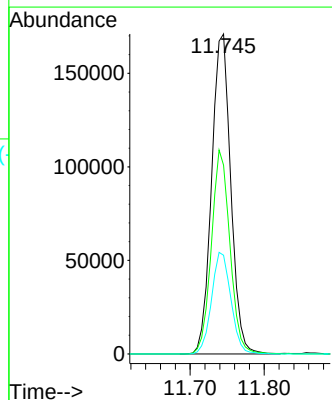
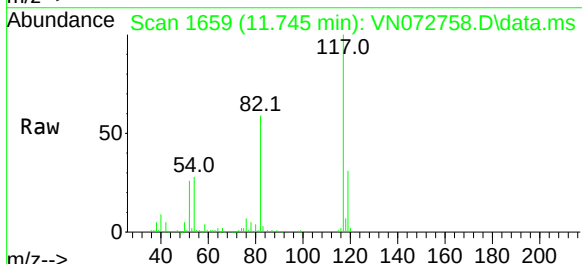
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

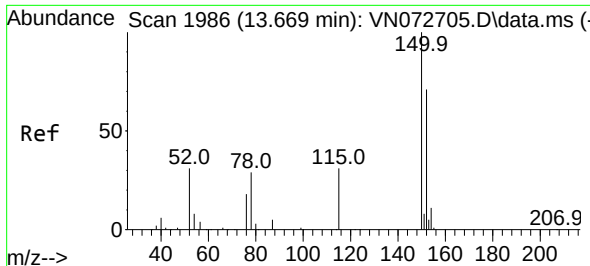
Tgt Ion: 95 Resp: 236500
Ion Ratio Lower Upper
95 100
174 62.3 0.0 167.6
176 59.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

Tgt Ion: 117 Resp: 306414
Ion Ratio Lower Upper
117 100
82 59.0 44.2 66.2
119 30.9 25.4 38.0

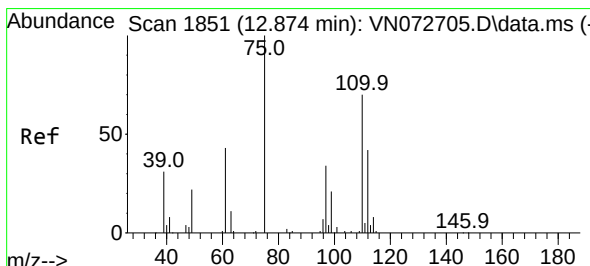
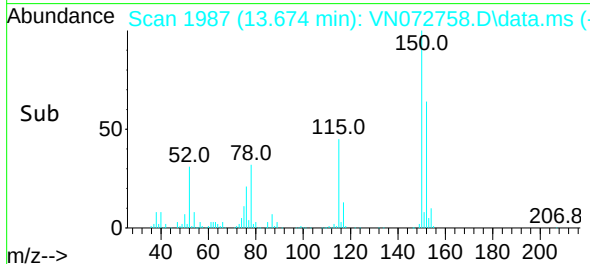
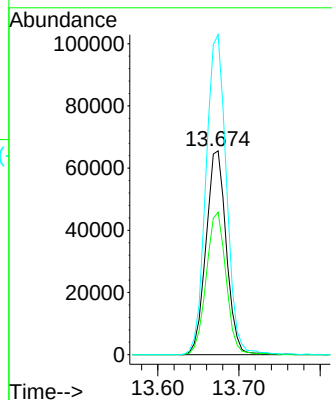
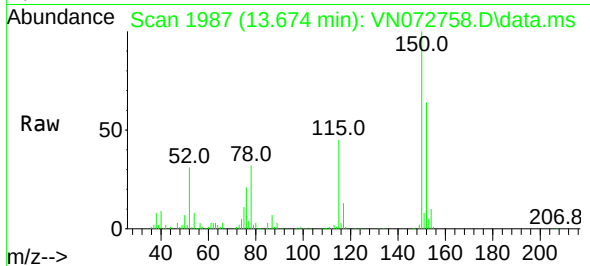




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN072758.D
 Acq: 10 Jun 2022 12:12

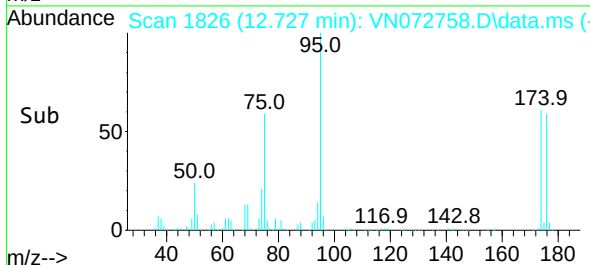
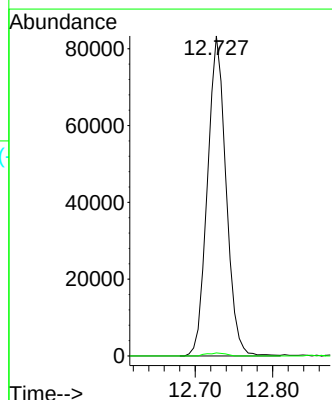
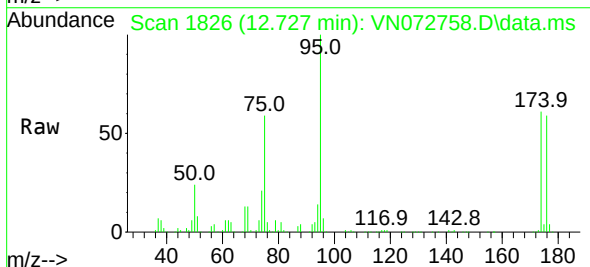
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBL01

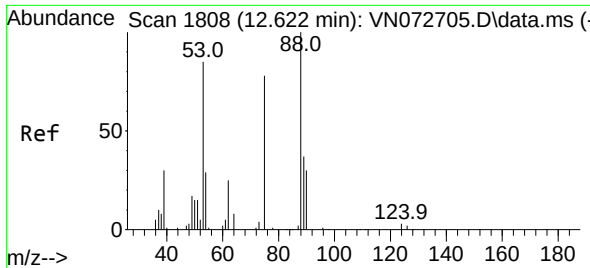
Tgt Ion:152 Resp: 113908
 Ion Ratio Lower Upper
 152 100
 115 68.3 28.9 86.7
 150 158.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 37.798 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072758.D
 Acq: 10 Jun 2022 12:12

Tgt Ion: 75 Resp: 138936
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

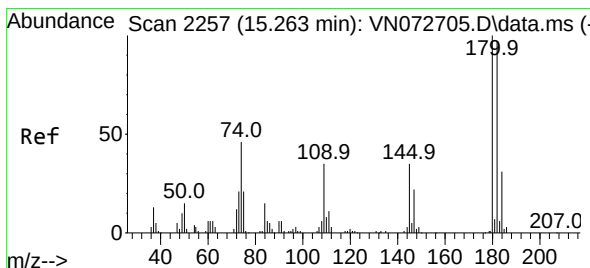
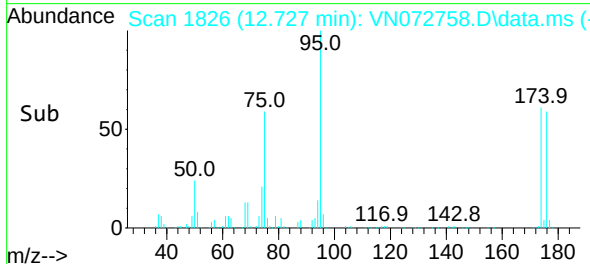
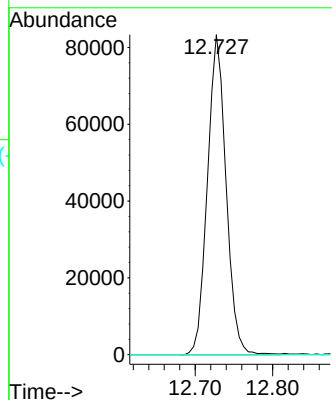
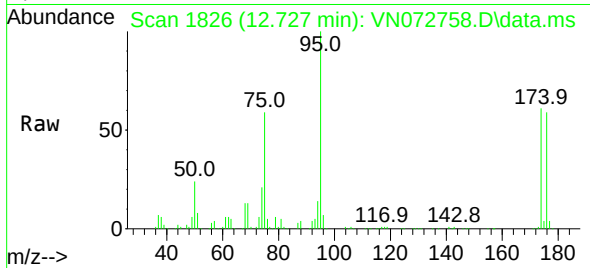




#81
trans-1,4-Dichloro-2-butene
Concen: 98.852 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

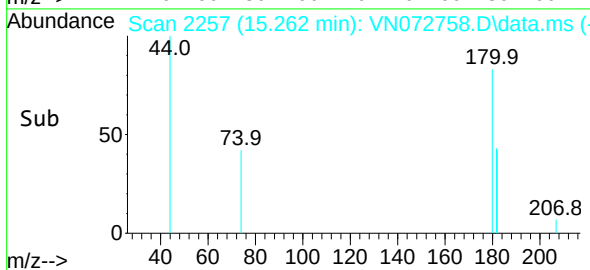
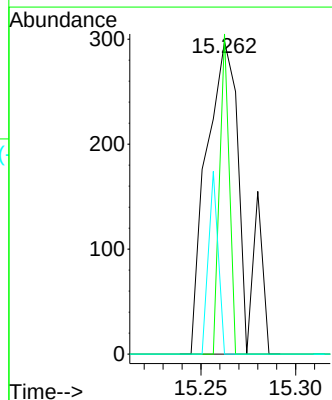
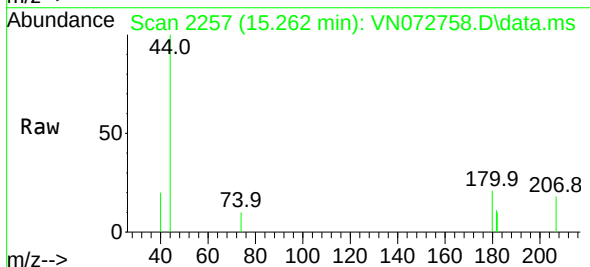
Instrument :
MSVOA_N
ClientSampleId :
VN0610WBL01

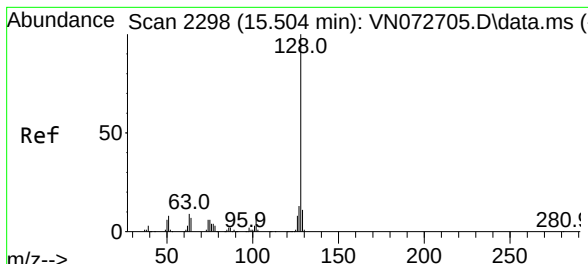
Tgt Ion: 75 Resp: 138936
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.202 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. -0.001 min
Lab File: VN072758.D
Acq: 10 Jun 2022 12:12

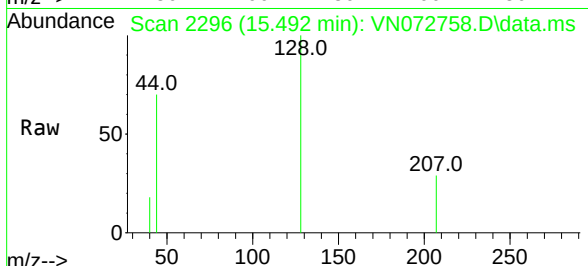
Tgt Ion:180 Resp: 389
Ion Ratio Lower Upper
180 100
182 27.8 47.5 142.5#
145 15.7 14.5 43.5





#95
 Naphthalene
 Concen: 0.431 ug/l
 RT: 15.492 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN072758.D
 Acq: 10 Jun 2022 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBL01



Tgt Ion:128 Resp: 3225

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	4.3	8.6	13.0#

