

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073842.D
 Acq On : 12 Aug 2022 11:07
 Operator : JC\MD
 Sample : VN0812WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBL01

Quant Time: Aug 13 05:01:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

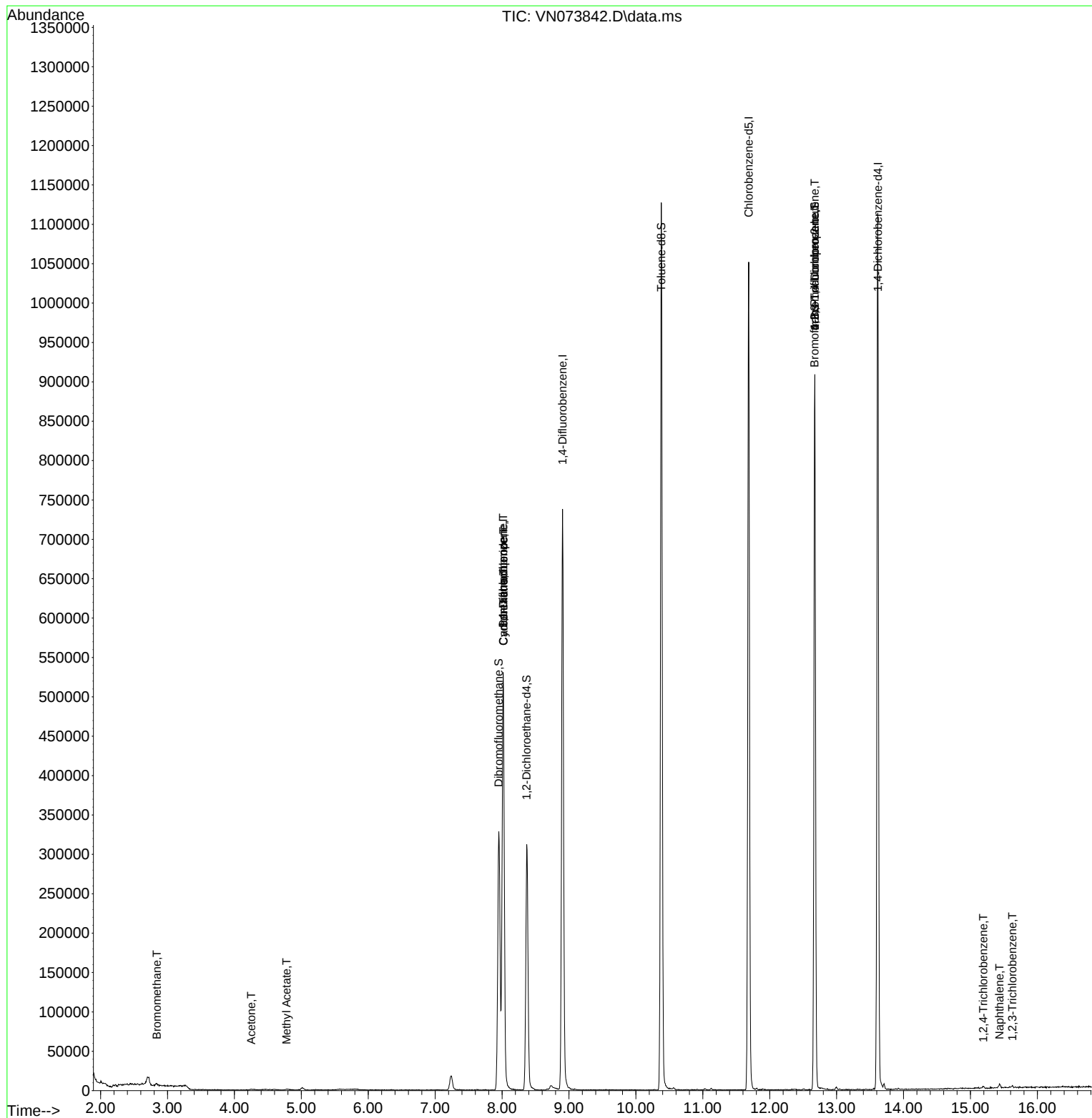
Internal Standards						
1) Pentafluorobenzene	8.016	168	433128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	676102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	650296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	325084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	260192	49.294	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.580%
35) Dibromofluoromethane	7.951	113	246106	57.969	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.940%
50) Toluene-d8	10.380	98	796481	47.675	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.674	95	295077	50.296	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	887	Below Cal	#	79
5) Bromomethane	2.840	94	2653	0.623	ug/l	100
6) Chloroethane	2.957	64	54	Below Cal	#	42
16) Acetone	4.251	43	1763	0.622	ug/l	97
18) Methyl Acetate	4.781	43	2381	0.338	ug/l	# 76
20) Methylene Chloride	5.016	84	2451	Below Cal		93
31) Cyclohexane	8.022	56	7496	0.954	ug/l	# 1
36) 1,1-Dichloropropene	8.016	75	30973	5.119	ug/l	# 49
38) Carbon Tetrachloride	8.022	117	41216	6.707	ug/l	# 17
71) Bromoform	12.668	173	1907	0.466	ug/l	# 1
76) 1,2,3-Trichloropropane	12.674	75	151978	23.833	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.674	75	151978	60.585	ug/l	# 10
93) 1,2,4-Trichlorobenzene	15.192	180	1226	0.215	ug/l	# 88
95) Naphthalene	15.433	128	5537	0.300	ug/l	97
96) 1,2,3-Trichlorobenzene	15.627	180	1436	0.240	ug/l	90

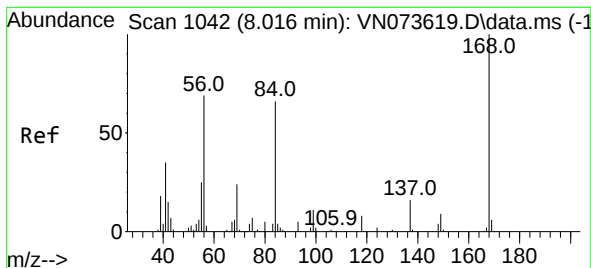
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073842.D

Acq: 12 Aug 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

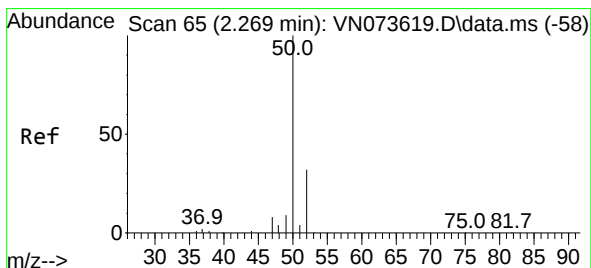
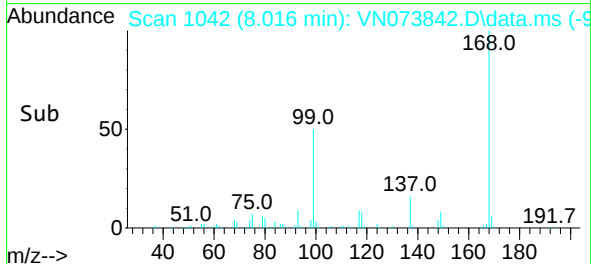
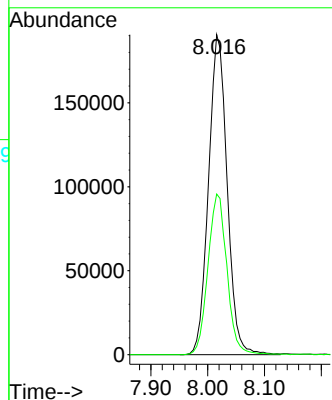
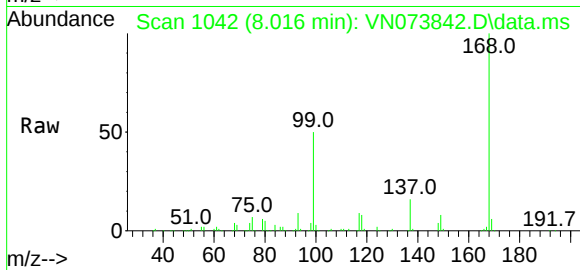
VN0812WBL01

Tgt Ion:168 Resp: 433128

Ion Ratio Lower Upper

168 100

99 50.2 42.3 63.5



#3

Chloromethane

Concen: Below Cal

RT: 2.269 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN073842.D

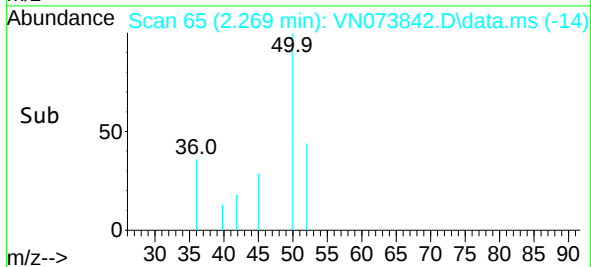
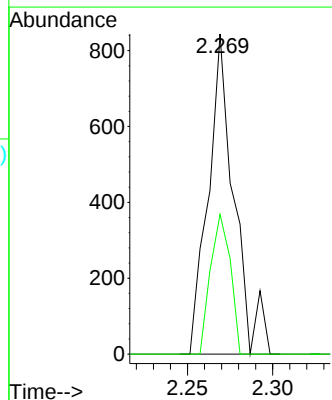
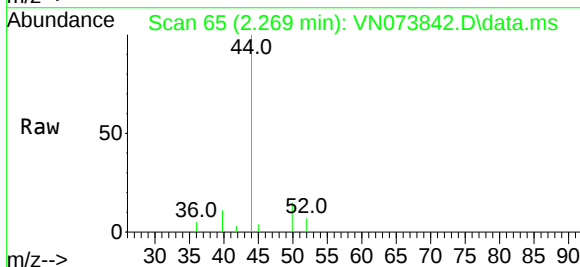
Acq: 12 Aug 2022 11:07

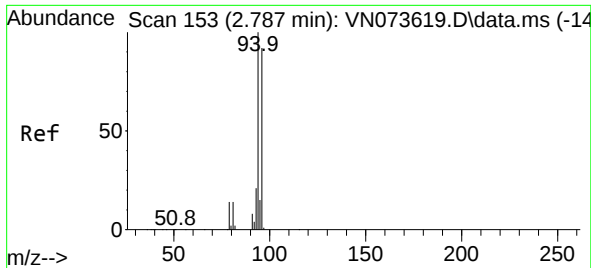
Tgt Ion: 50 Resp: 887

Ion Ratio Lower Upper

50 100

52 43.6 25.7 38.5#

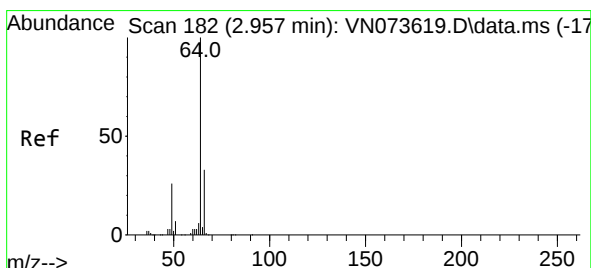
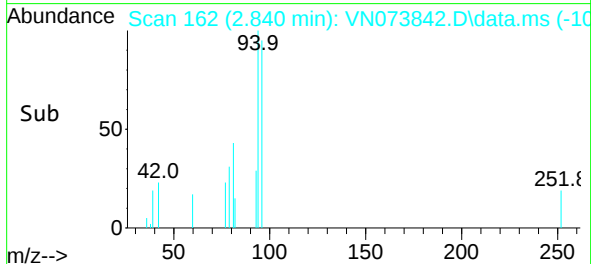
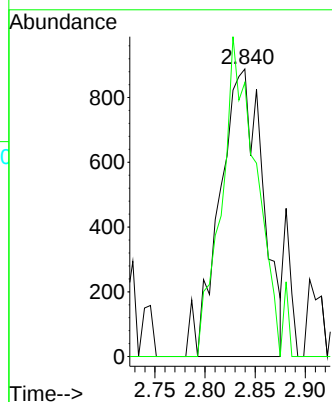
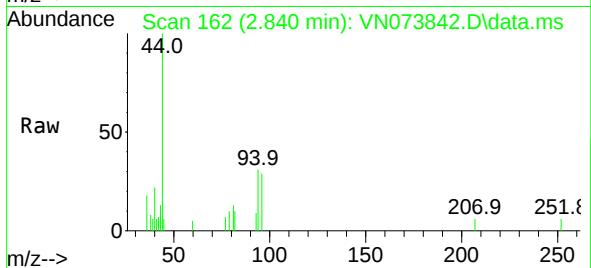




#5
Bromomethane
Concen: 0.623 ug/l
RT: 2.840 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

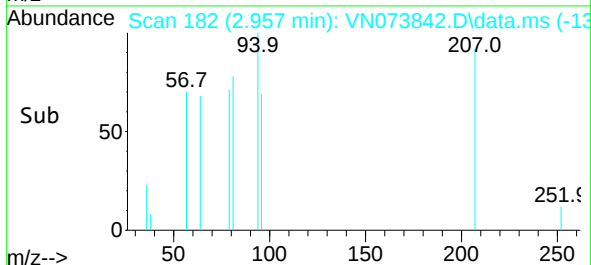
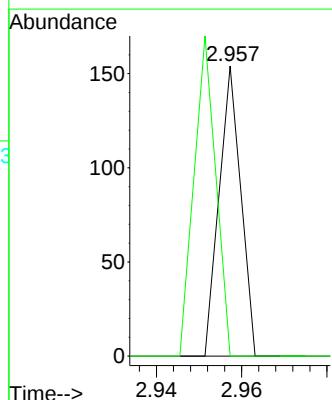
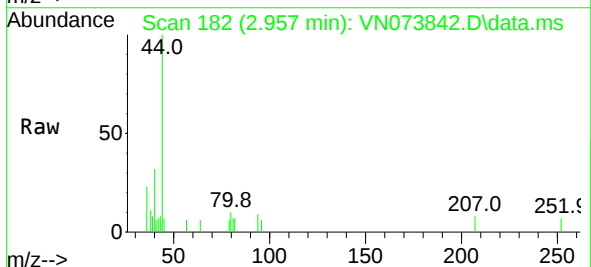
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

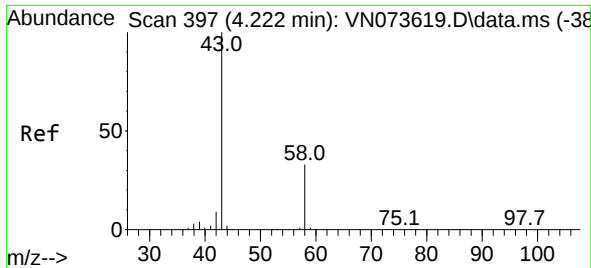
Tgt Ion: 94 Resp: 2653
Ion Ratio Lower Upper
94 100
96 95.3 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#16

Acetone

Concen: 0.622 ug/l

RT: 4.251 min Scan# 402

Delta R.T. 0.029 min

Lab File: VN073842.D

Acq: 12 Aug 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

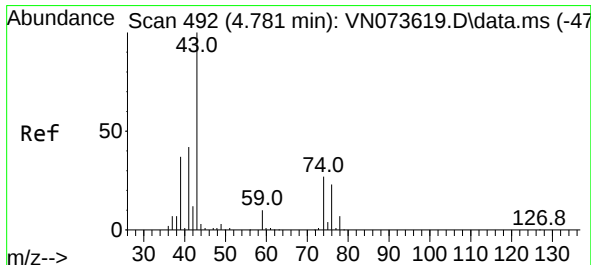
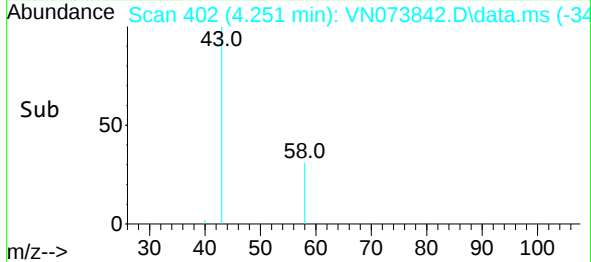
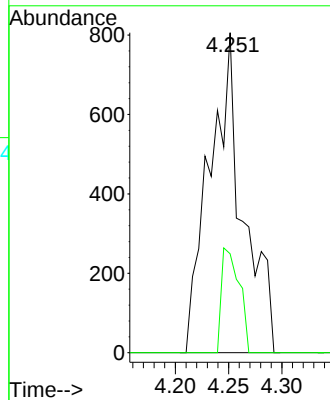
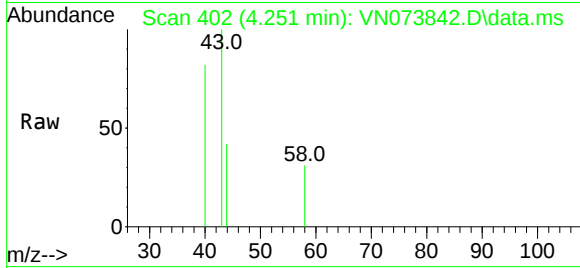
VN0812WBL01

Tgt Ion: 43 Resp: 1763

Ion Ratio Lower Upper

43 100

58 30.9 26.0 39.0



#18

Methyl Acetate

Concen: 0.338 ug/l

RT: 4.781 min Scan# 492

Delta R.T. -0.000 min

Lab File: VN073842.D

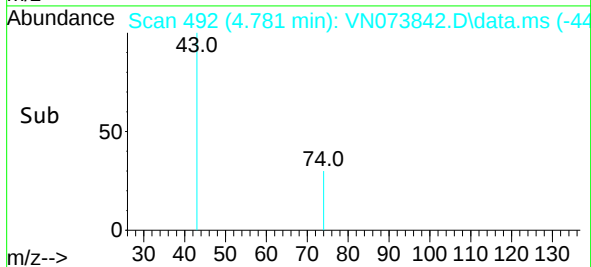
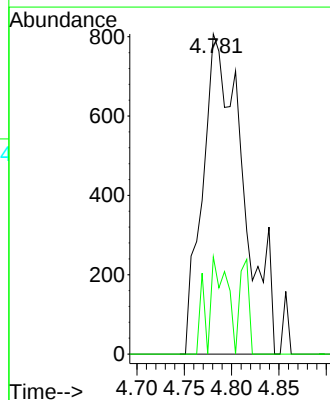
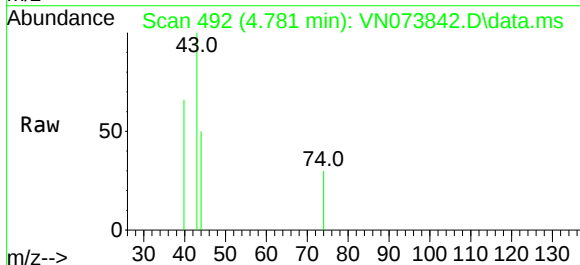
Acq: 12 Aug 2022 11:07

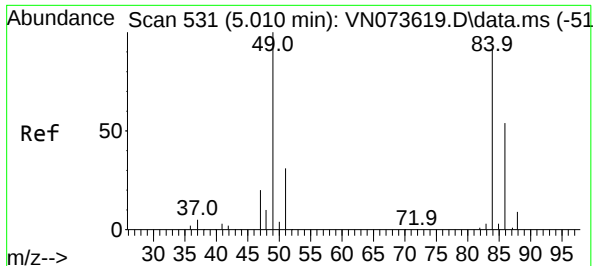
Tgt Ion: 43 Resp: 2381

Ion Ratio Lower Upper

43 100

74 14.6 21.6 32.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.016 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN073842.D

Acq: 12 Aug 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBL01

Tgt Ion: 84 Resp: 2451

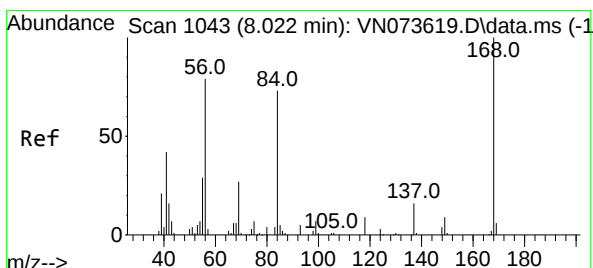
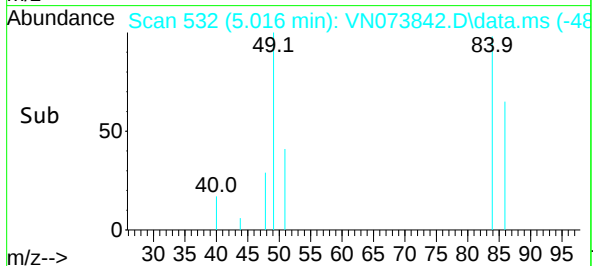
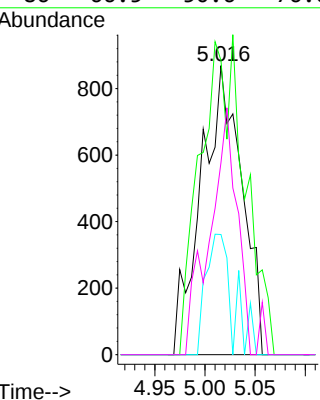
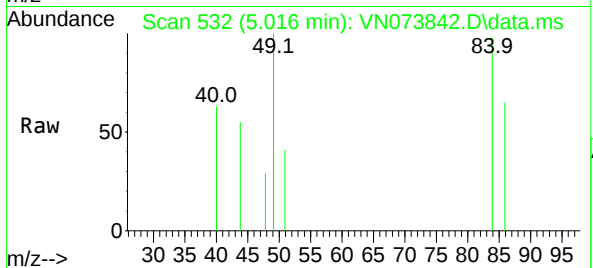
Ion Ratio Lower Upper

84 100

49 101.7 88.3 132.5

51 41.5 28.2 42.2

86 66.5 50.6 76.0



#31

Cyclohexane

Concen: 0.954 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073842.D

Acq: 12 Aug 2022 11:07

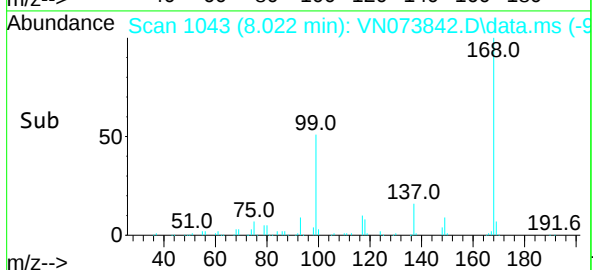
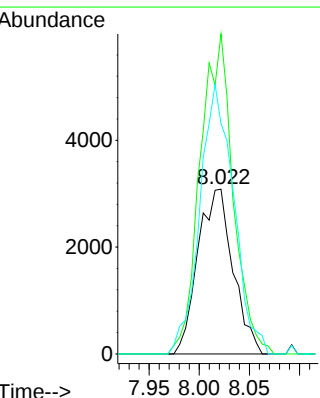
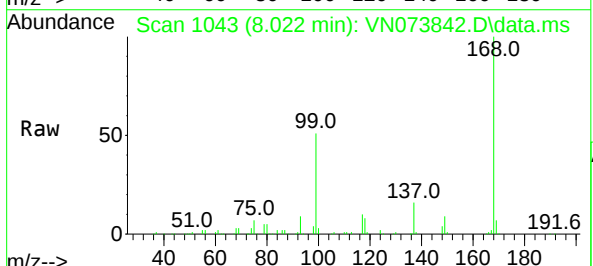
Tgt Ion: 56 Resp: 7496

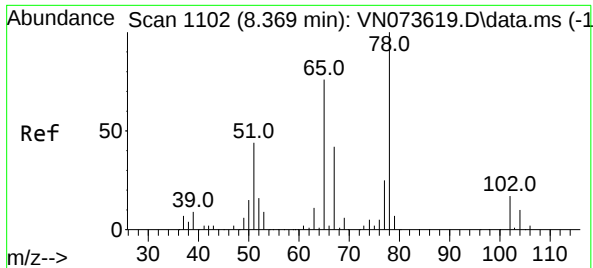
Ion Ratio Lower Upper

56 100

69 194.1 27.8 41.8#

84 139.8 76.9 115.3#

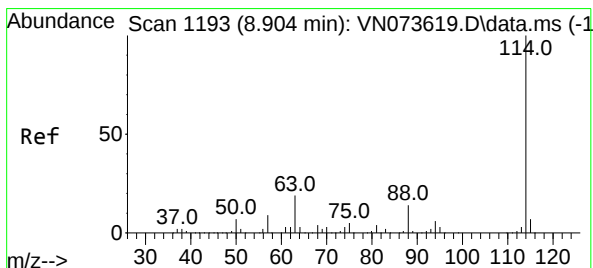
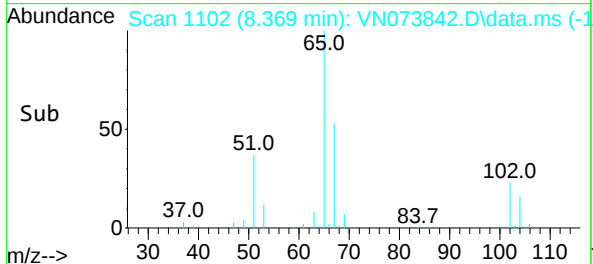
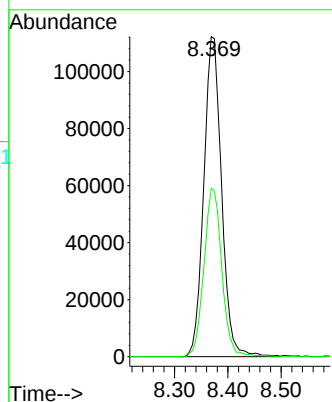
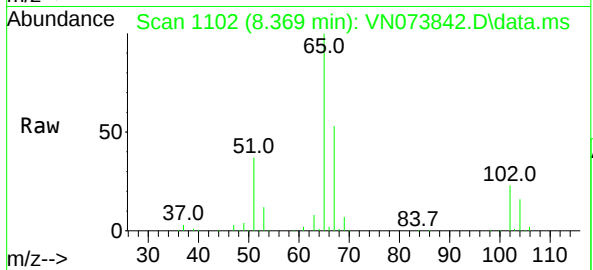




#33
 1,2-Dichloroethane-d4
 Concen: 49.294 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073842.D
 Acq: 12 Aug 2022 11:07

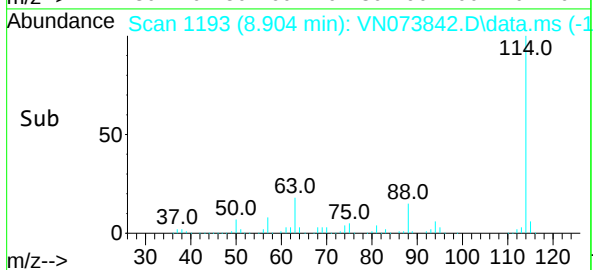
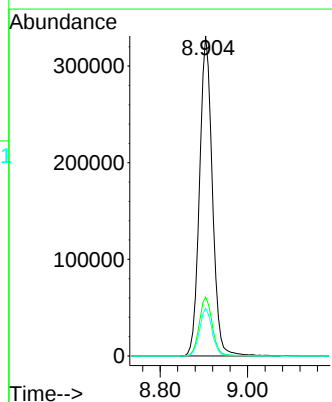
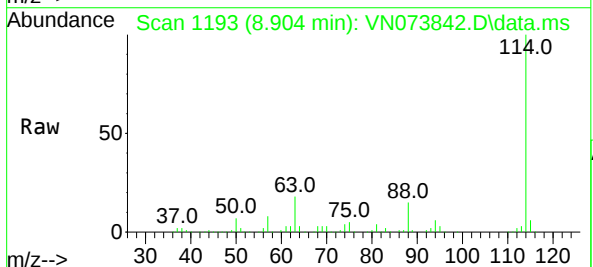
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBL01

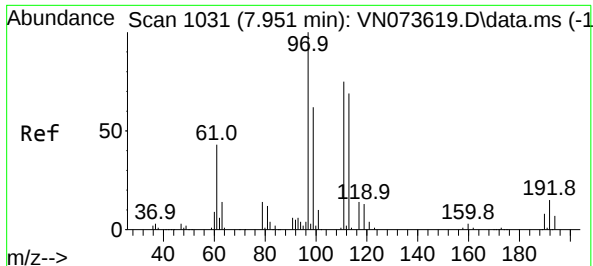
Tgt Ion: 65 Resp: 260192
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VN073842.D
 Acq: 12 Aug 2022 11:07

Tgt Ion: 114 Resp: 676102
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.0
 88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 57.969 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VN073842.D

Acq: 12 Aug 2022 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBL01

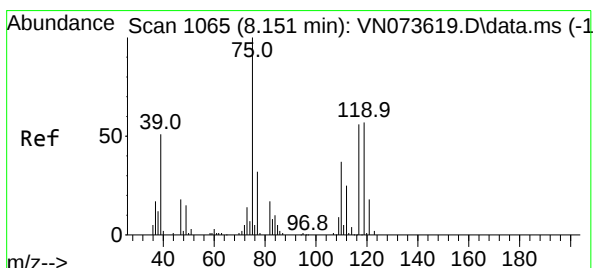
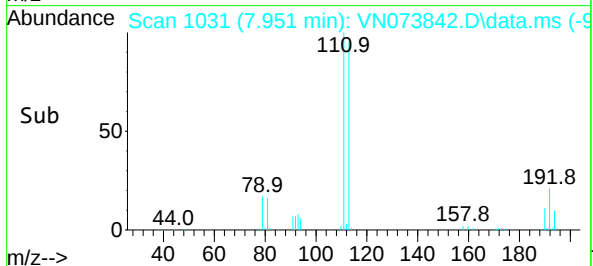
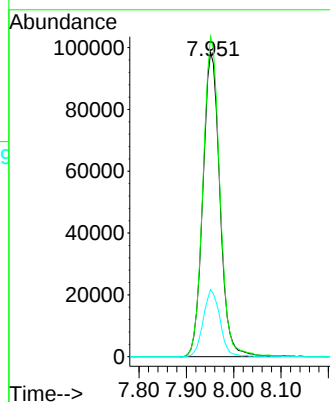
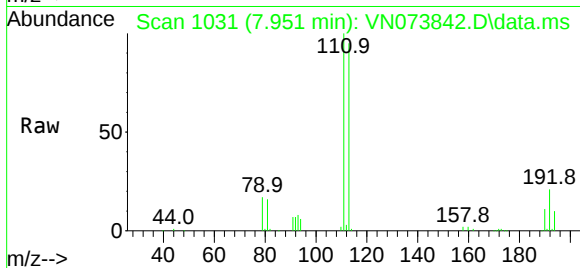
Tgt Ion:113 Resp: 246106

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 21.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.119 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073842.D

Acq: 12 Aug 2022 11:07

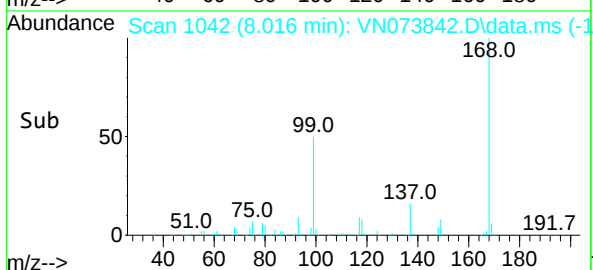
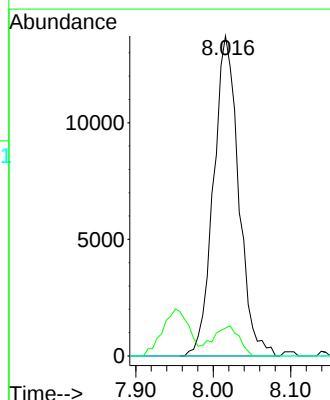
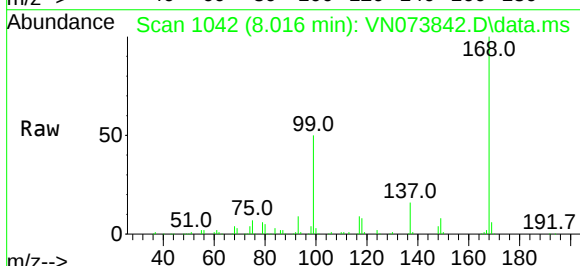
Tgt Ion: 75 Resp: 30973

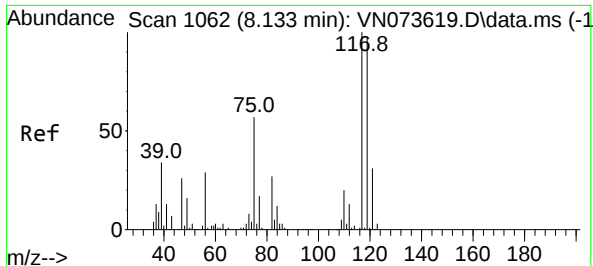
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 25.1 37.7#

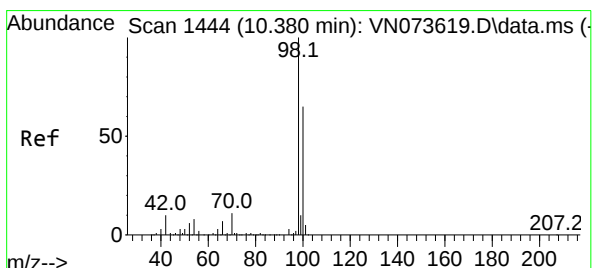
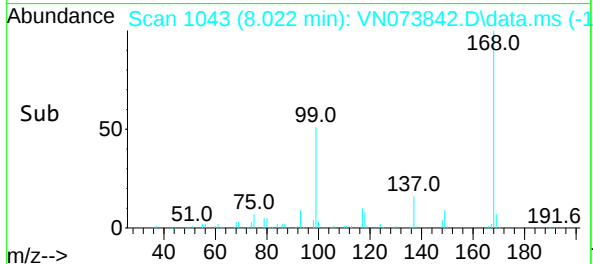
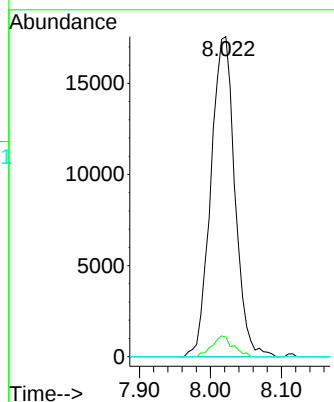
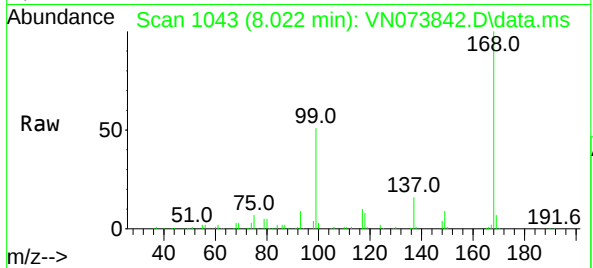




#38
Carbon Tetrachloride
Concen: 6.707 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

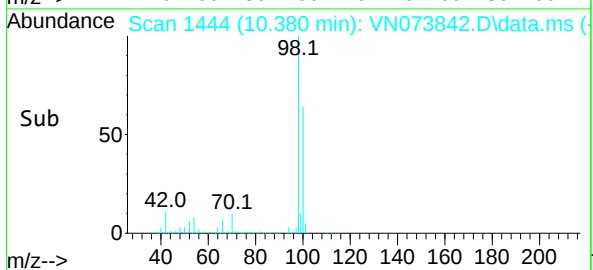
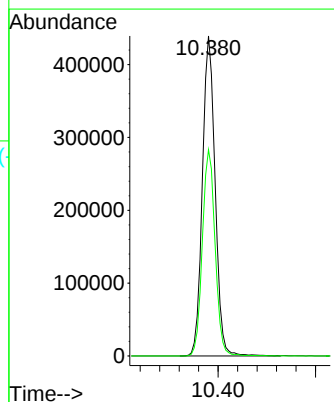
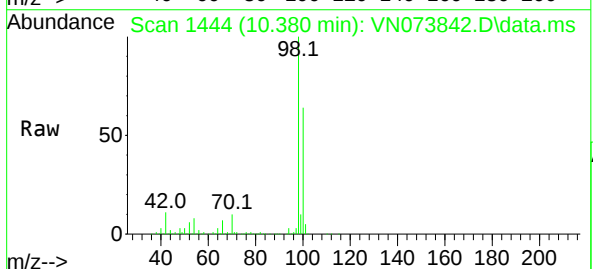
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

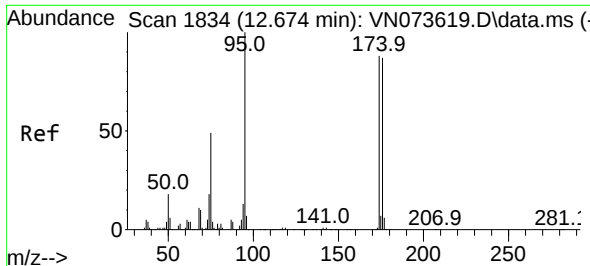
Tgt Ion:117 Resp: 41216
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.675 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

Tgt Ion: 98 Resp: 796481
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

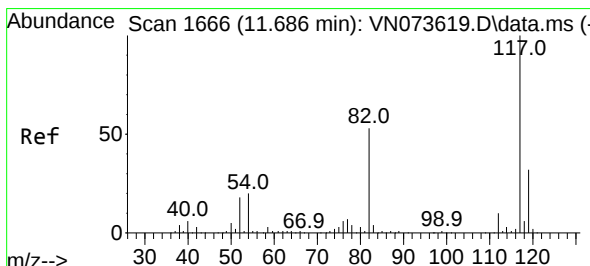
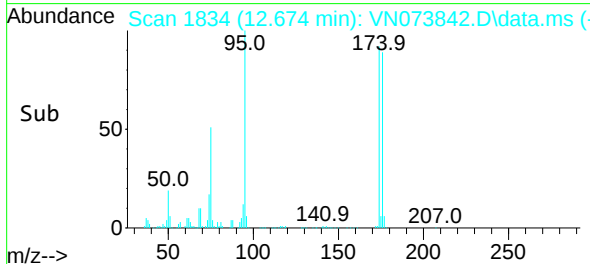
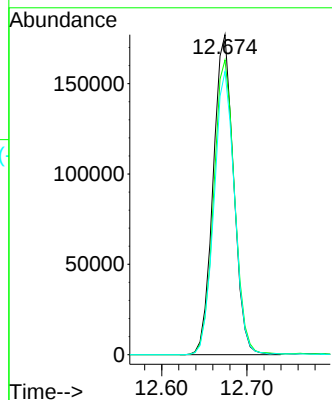
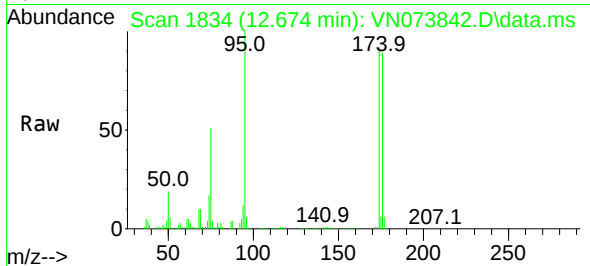




#62
4-Bromofluorobenzene
Concen: 50.296 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

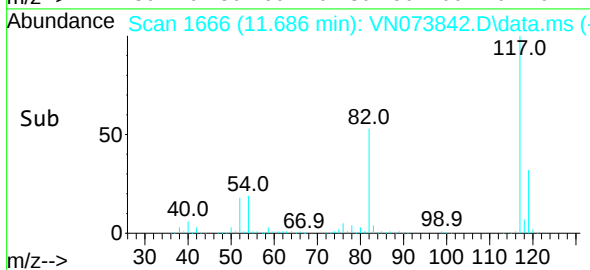
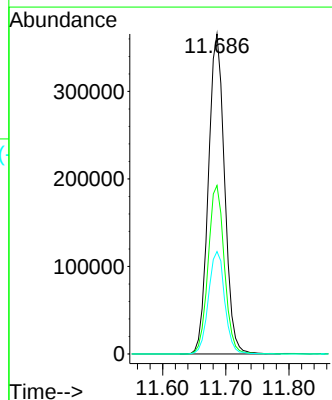
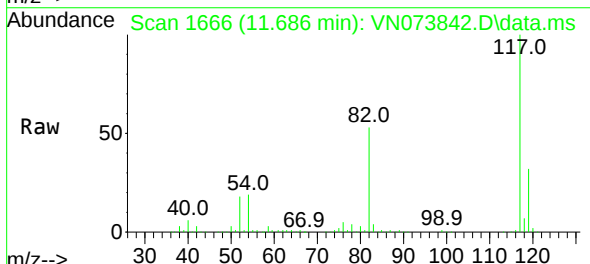
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

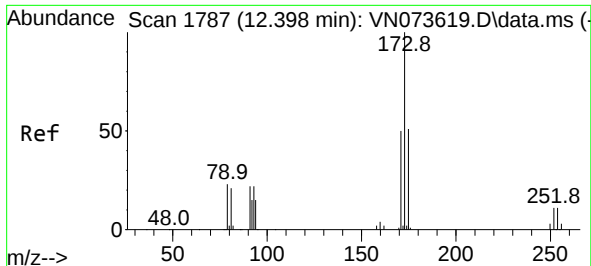
Tgt Ion: 95 Resp: 295077
Ion Ratio Lower Upper
95 100
174 94.2 0.0 167.6
176 89.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

Tgt Ion: 117 Resp: 650296
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 32.0 25.4 38.0

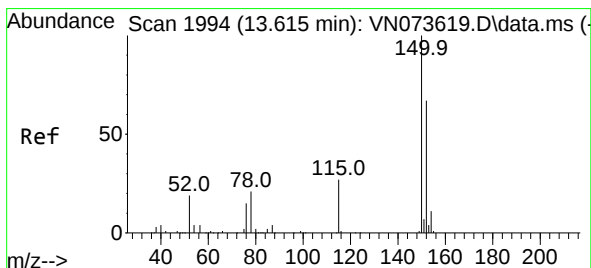
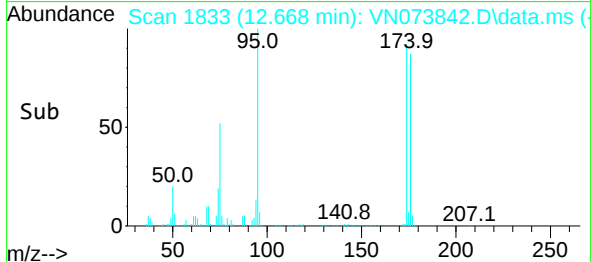
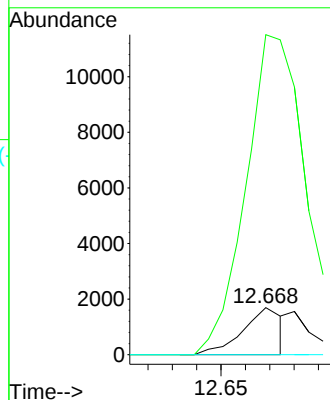
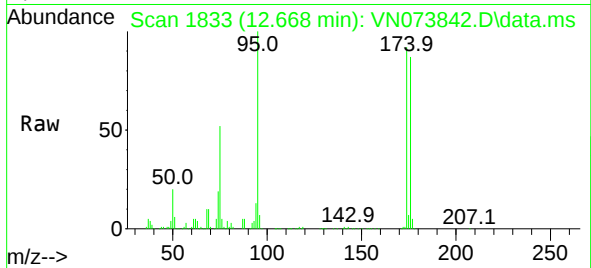




#71
Bromoform
Concen: 0.466 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

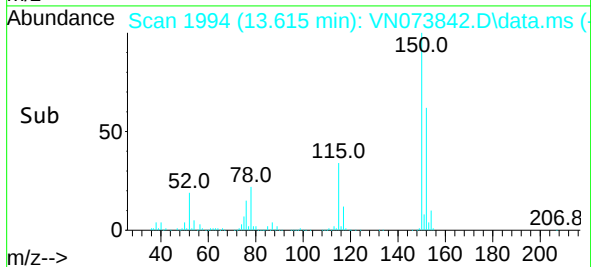
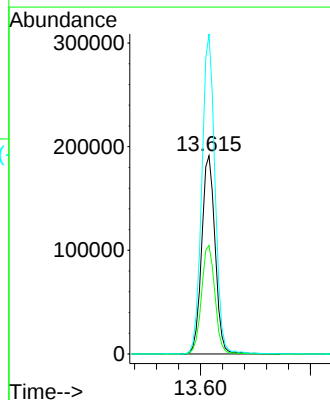
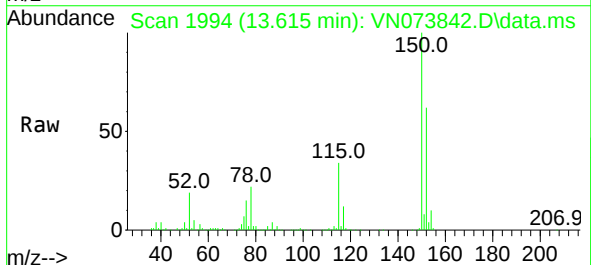
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

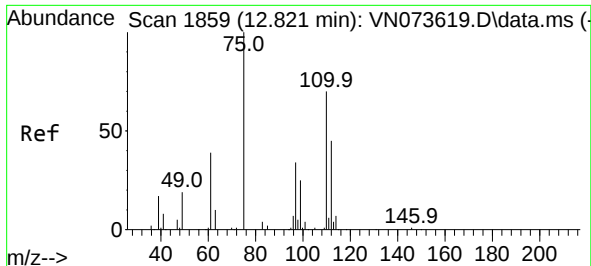
Tgt Ion:173 Resp: 1907
Ion Ratio Lower Upper
173 100
175 674.5 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

Tgt Ion:152 Resp: 325084
Ion Ratio Lower Upper
152 100
115 54.8 28.9 86.7
150 157.9 0.0 356.2

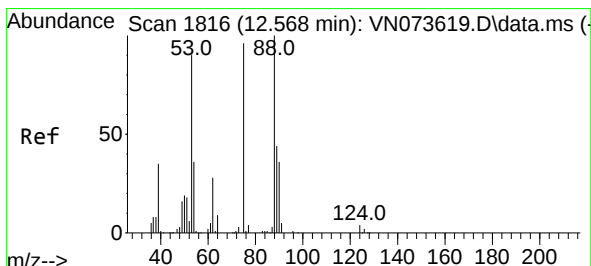
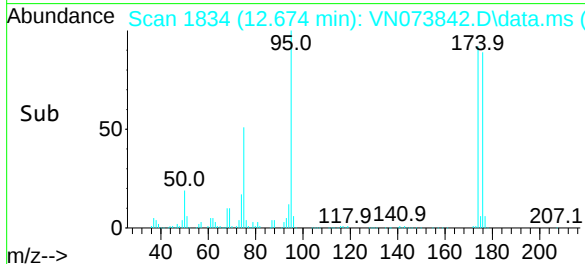
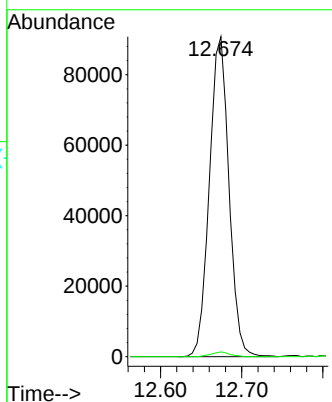
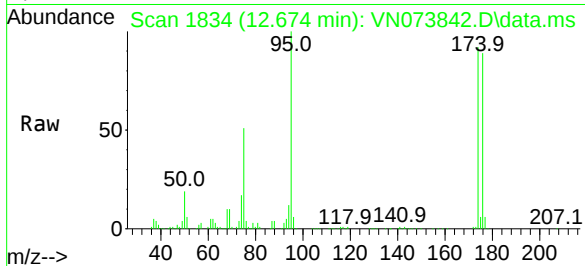




#76
1,2,3-Trichloropropane
Concen: 23.833 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

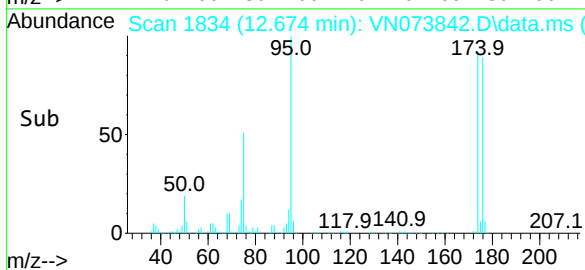
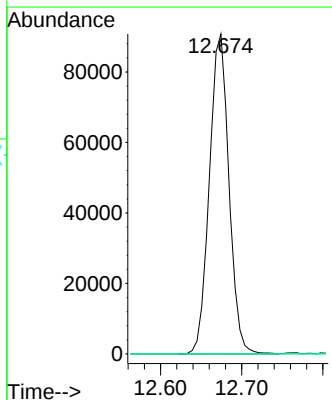
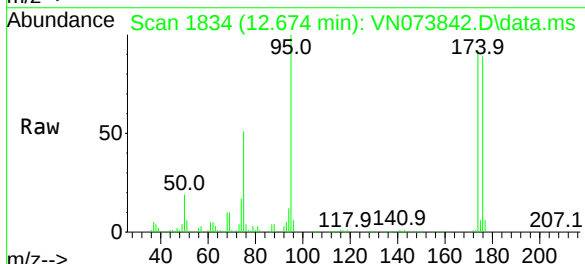
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

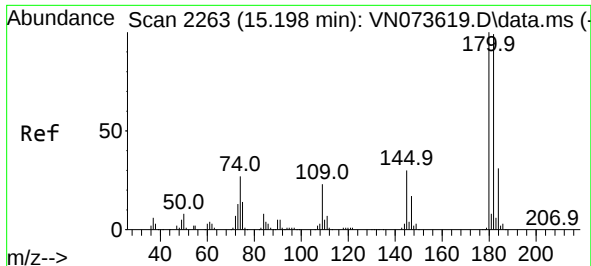
Tgt Ion: 75 Resp: 151978
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.585 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

Tgt Ion: 75 Resp: 151978
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

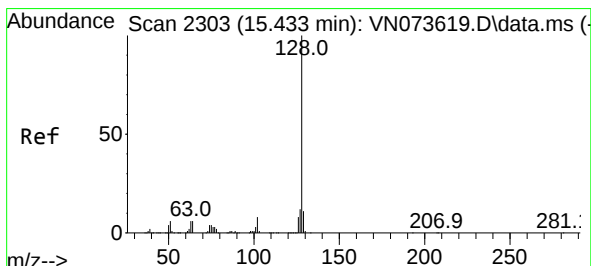
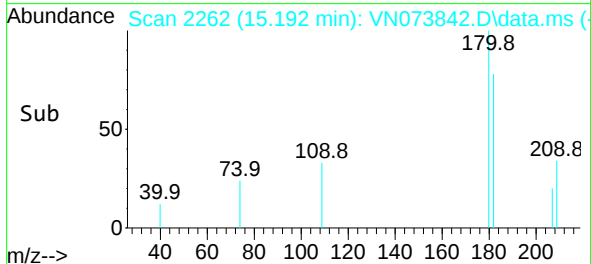
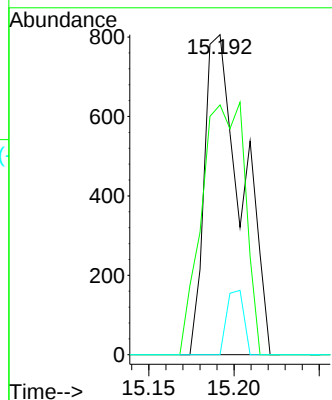
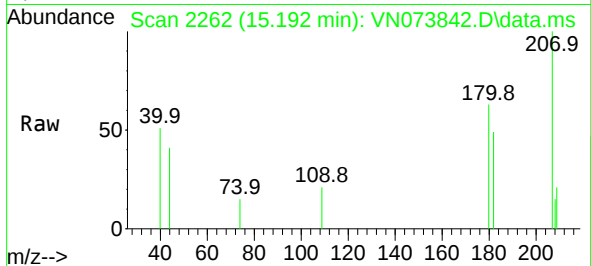




#93
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 15.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

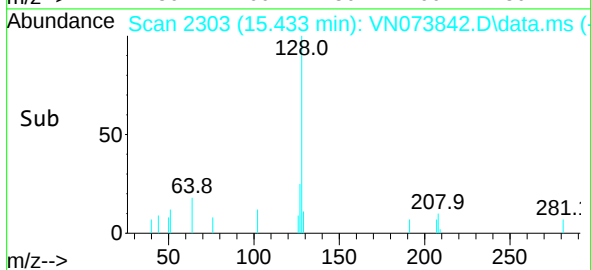
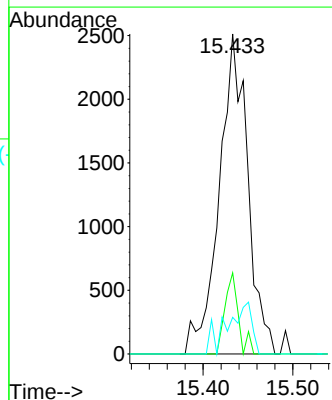
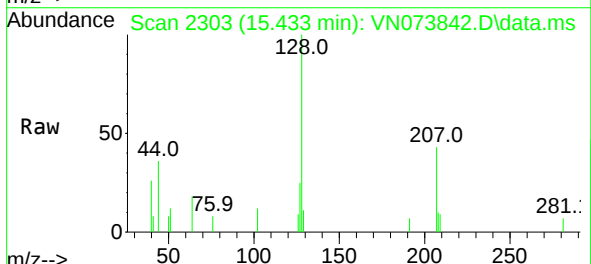
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBL01

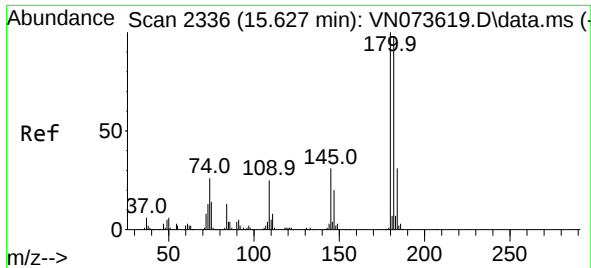
Tgt Ion:180 Resp: 1226
Ion Ratio Lower Upper
180 100
182 91.1 47.5 142.5
145 9.1 14.5 43.5#



#95
Naphthalene
Concen: 0.300 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073842.D
Acq: 12 Aug 2022 11:07

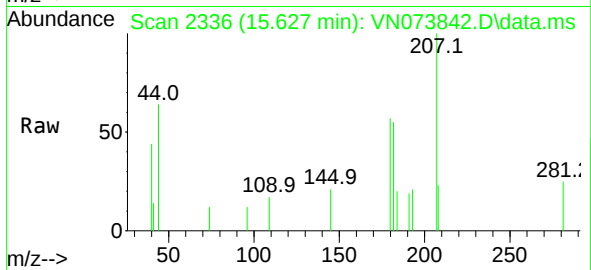
Tgt Ion:128 Resp: 5537
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 12.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.240 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN073842.D
 Acq: 12 Aug 2022 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBL01



Tgt Ion:	180	Resp:	1436
Ion	Ratio	Lower	Upper
180	100		
182	84.9	47.8	143.3
145	27.2	15.5	46.5

