

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN073994.D
 Acq On : 18 Aug 2022 10:43
 Operator : JC\MD
 Sample : VN0818WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBL01

Quant Time: Aug 18 21:46:39 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)

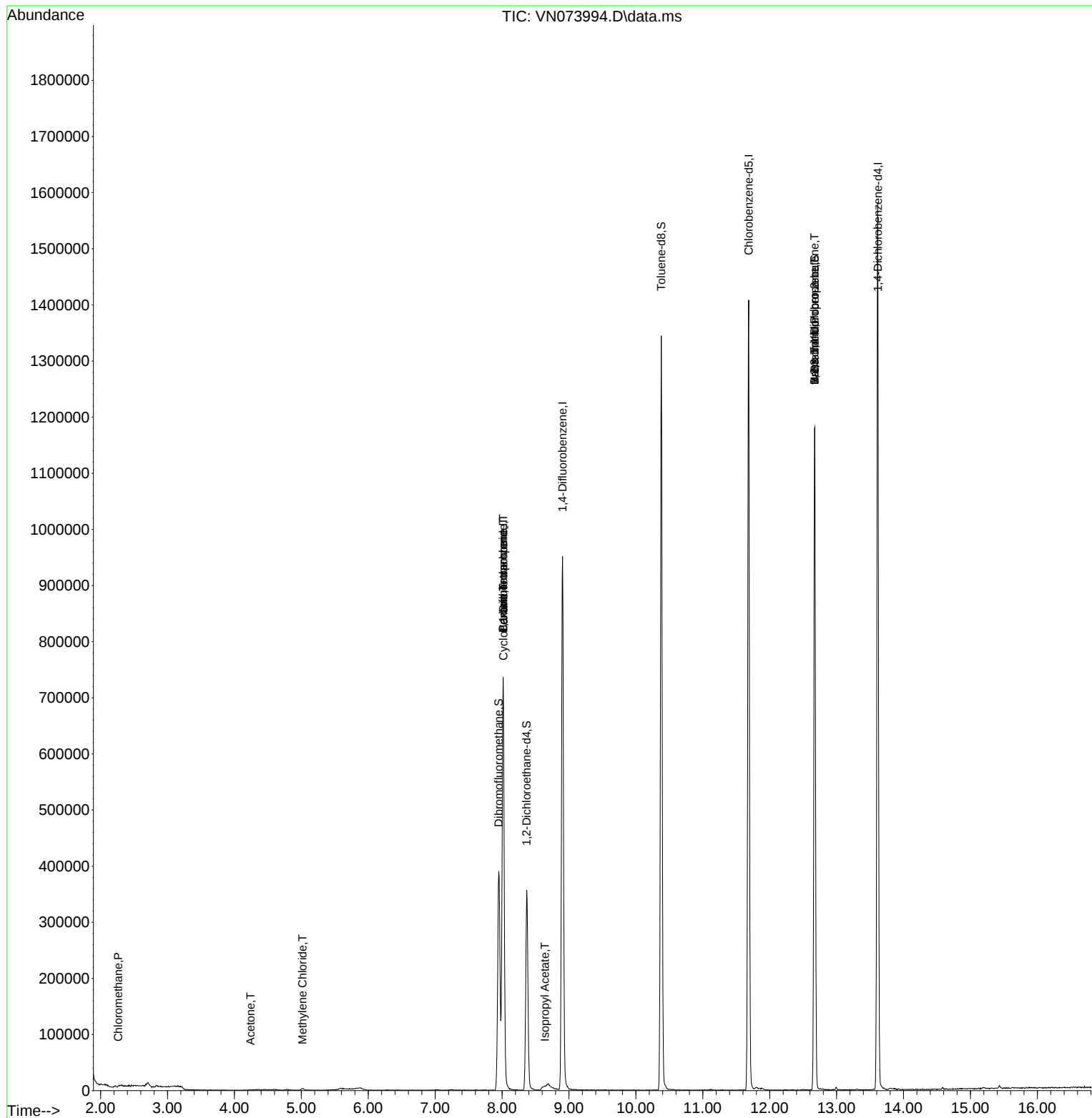
Internal Standards						
1) Pentafluorobenzene	8.016	168	616610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	904678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	867366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	467983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	300346	50.010	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.020%	
35) Dibromofluoromethane	7.951	113	293990	54.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.900%	
50) Toluene-d8	10.380	98	946038	45.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.320%	
62) 4-Bromofluorobenzene	12.674	95	397603	57.818	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.640%	
Target Compounds						
3) Chloromethane	2.263	50	1172	0.216	ug/l #	Qvalue 43
16) Acetone	4.240	43	1093	0.386	ug/l #	42
18) Methyl Acetate	4.787	43	3205	Below Cal	#	89
20) Methylene Chloride	5.016	84	2533	0.424	ug/l #	68
31) Cyclohexane	8.022	56	9728	1.162	ug/l #	4
36) 1,1-Dichloropropene	8.016	75	38487	5.179	ug/l #	49
38) Carbon Tetrachloride	8.016	117	54259	6.388	ug/l #	16
43) Isopropyl Acetate	8.639	43	8027	0.626	ug/l #	53
71) Bromoform	12.669	173	1982	0.318	ug/l #	28
76) 1,2,3-Trichloropropane	12.669	75	193773	19.921	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	193773	56.660	ug/l #	10

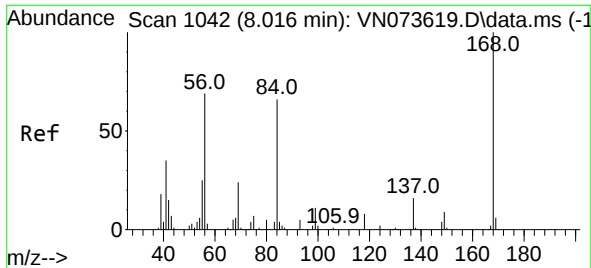
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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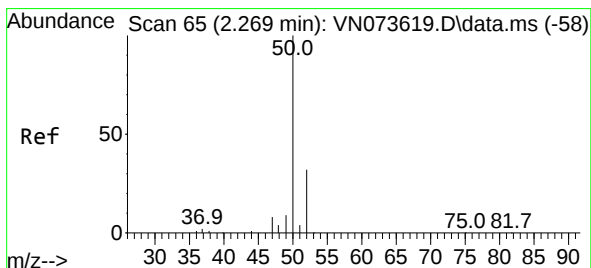
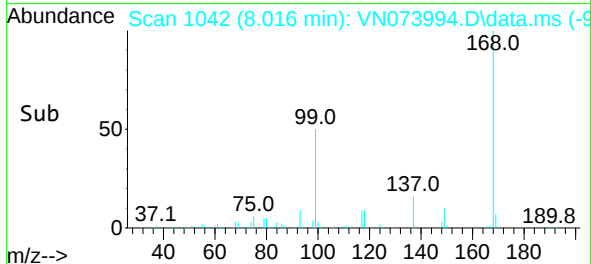
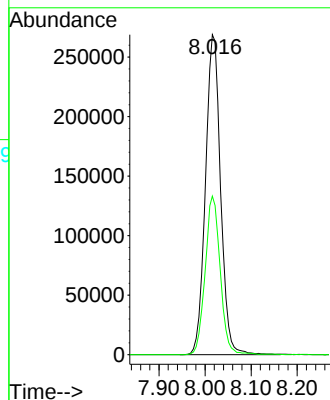
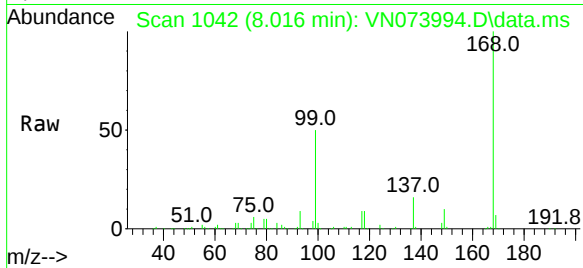




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073994.D
Acq: 18 Aug 2022 10:43

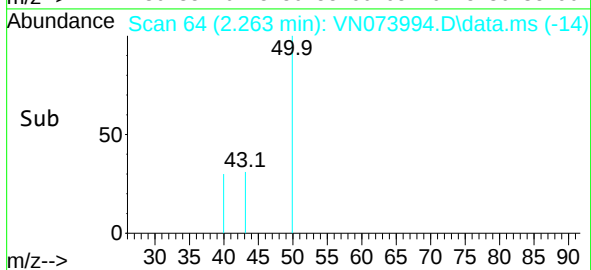
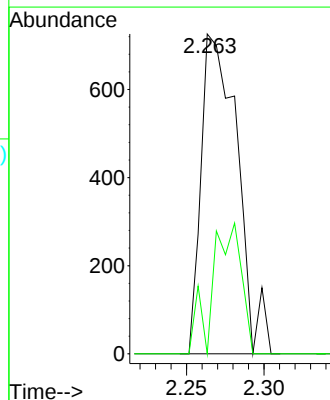
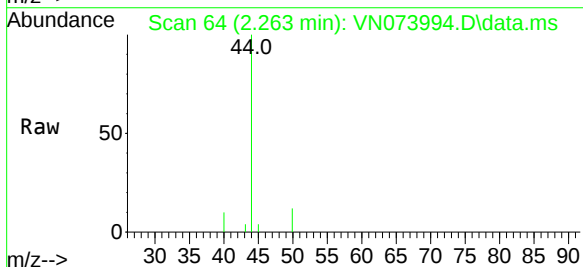
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBL01

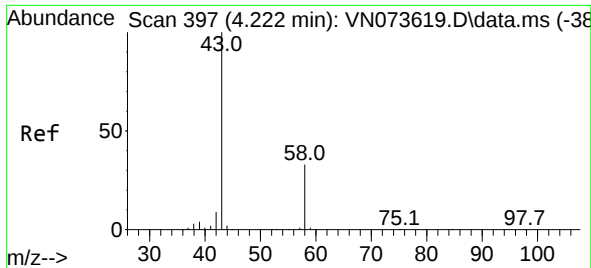
Tgt Ion:168 Resp: 616610
Ion Ratio Lower Upper
168 100
99 49.5 42.3 63.5



#3
Chloromethane
Concen: 0.216 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073994.D
Acq: 18 Aug 2022 10:43

Tgt Ion: 50 Resp: 1172
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

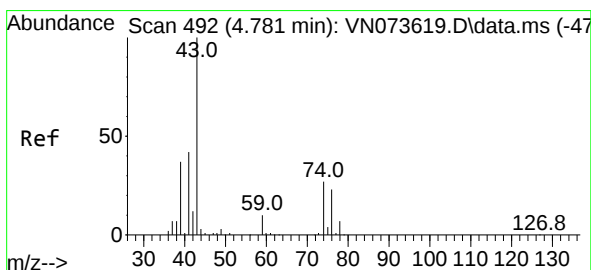
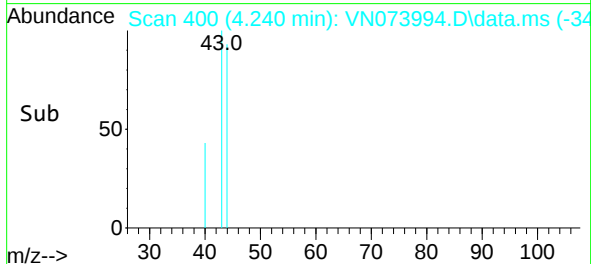
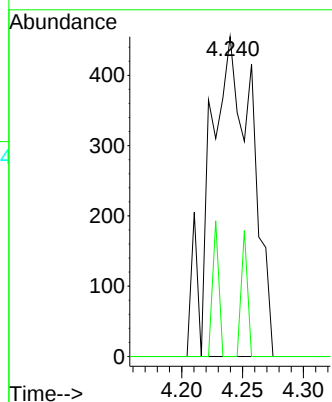
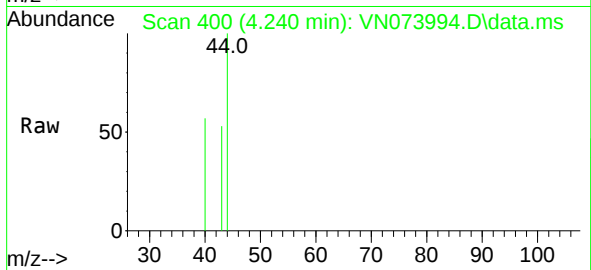




#16
Acetone
Concen: 0.386 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073994.D
Acq: 18 Aug 2022 10:43

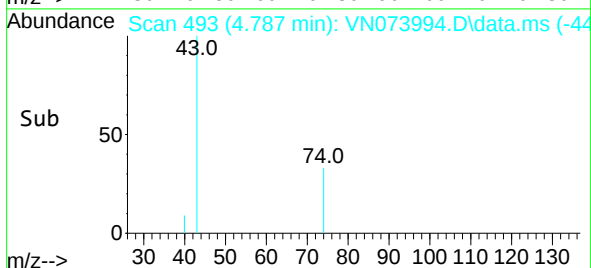
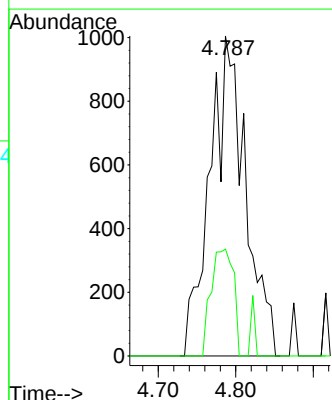
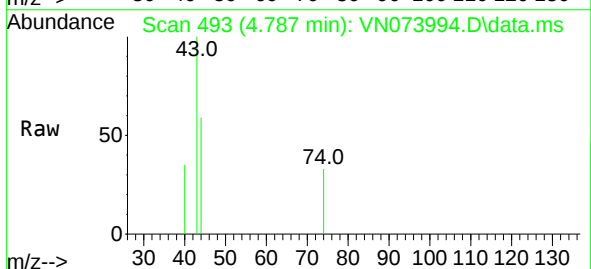
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBL01

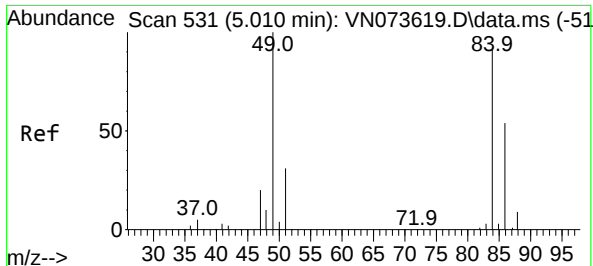
Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073994.D
Acq: 18 Aug 2022 10:43

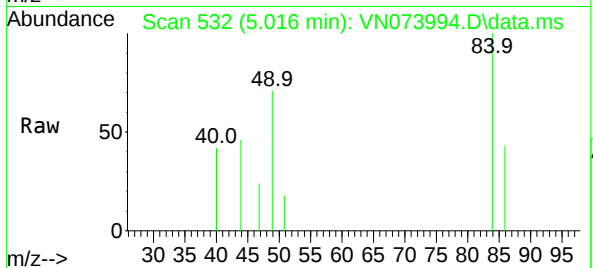
Tgt Ion: 43 Resp: 3205
Ion Ratio Lower Upper
43 100
74 21.1 21.6 32.4#



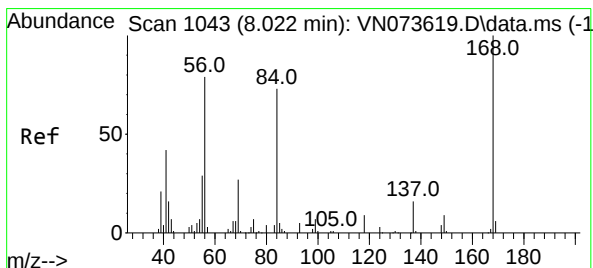
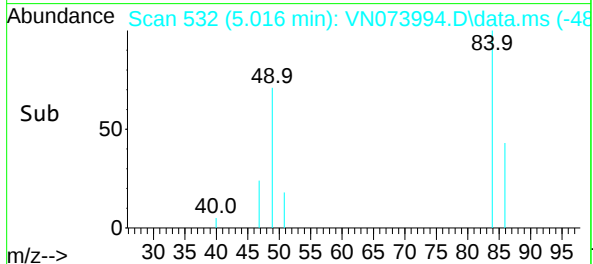
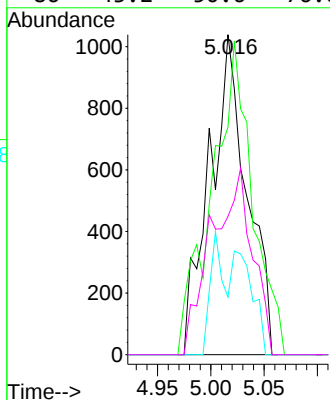


#20
Methylene Chloride
Concen: 0.424 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073994.D
Acq: 18 Aug 2022 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBL01

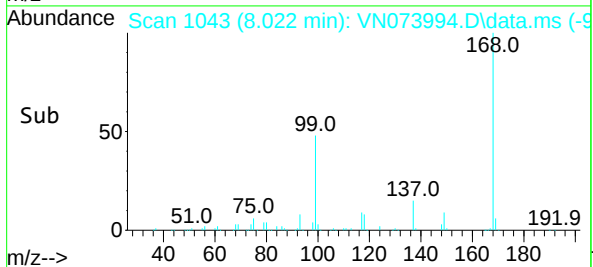
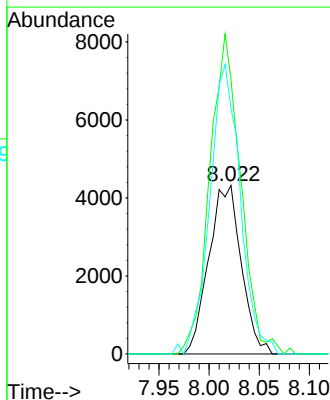
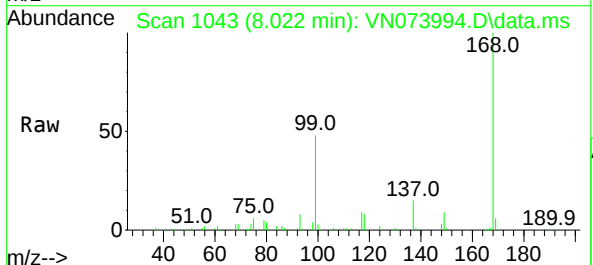


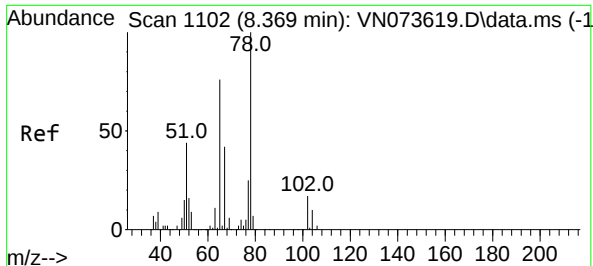
Tgt Ion:	84	Resp:	2533
Ion	Ratio	Lower	Upper
84	100		
49	71.1	88.3	132.5#
51	18.0	28.2	42.2#
86	43.2	50.6	76.0#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073994.D
Acq: 18 Aug 2022 10:43

Tgt Ion:	56	Resp:	9728
Ion	Ratio	Lower	Upper
56	100		
69	162.9	27.8	41.8#
84	145.6	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 50.010 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073994.D

Acq: 18 Aug 2022 10:43

Instrument :

MSVOA_N

ClientSampleId :

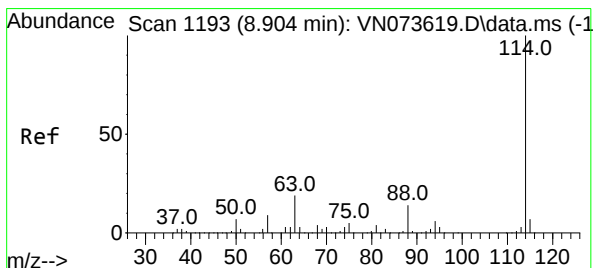
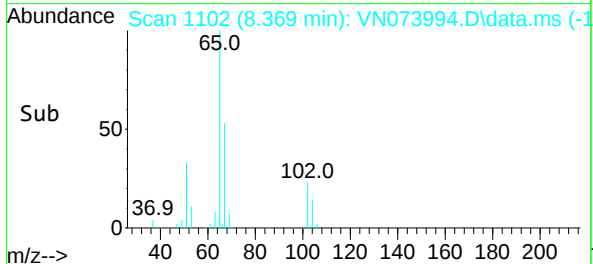
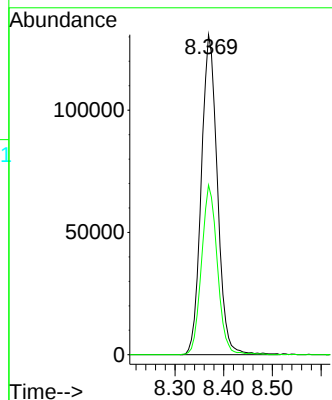
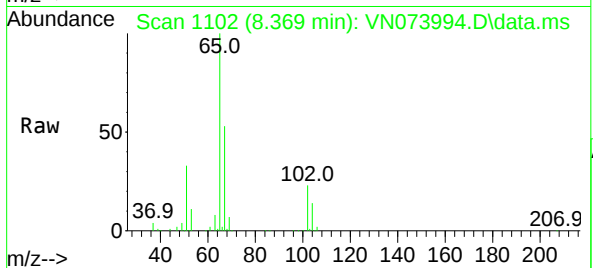
VN0818WBL01

Tgt Ion: 65 Resp: 300346

Ion Ratio Lower Upper

65 100

67 52.0 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: VN073994.D

Acq: 18 Aug 2022 10:43

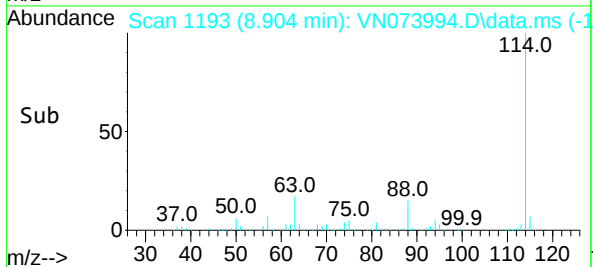
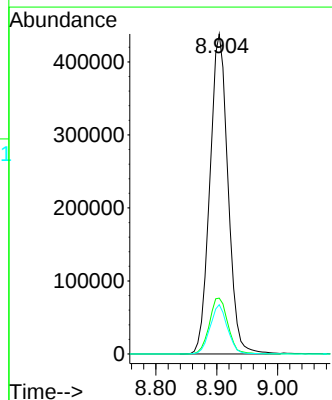
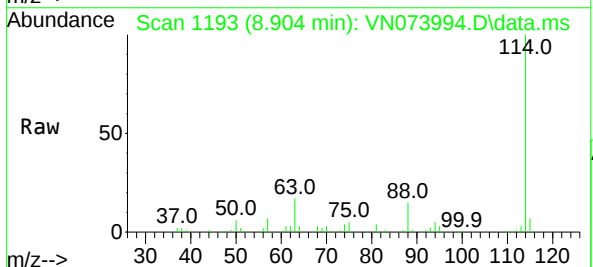
Tgt Ion: 114 Resp: 904678

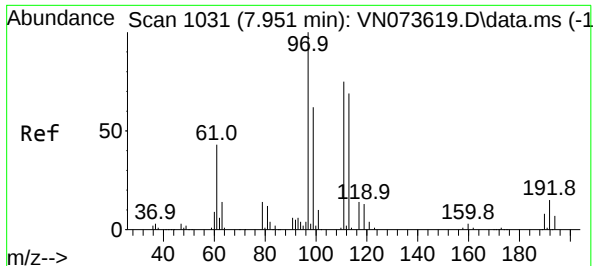
Ion Ratio Lower Upper

114 100

63 17.4 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.950 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073994.D

Acq: 18 Aug 2022 10:43

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ClientSampleId :

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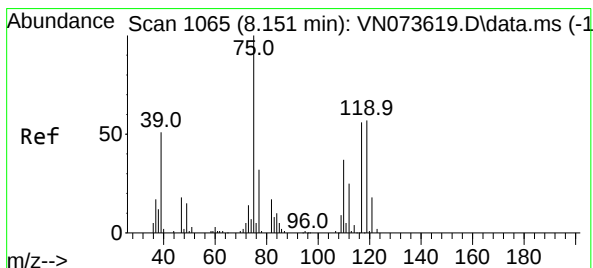
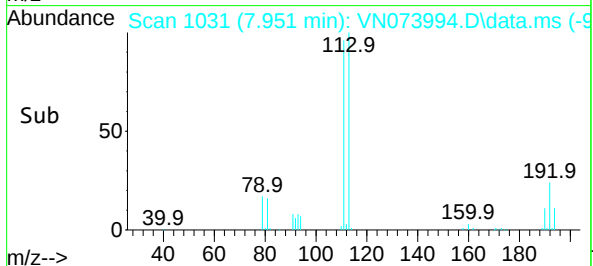
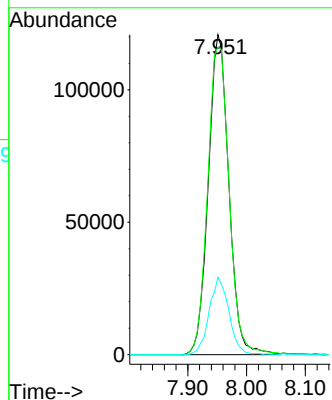
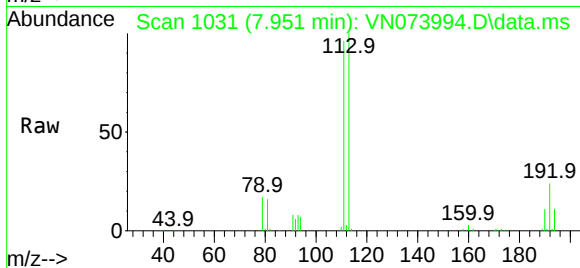
Tgt Ion:113 Resp: 293990

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 23.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.179 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073994.D

Acq: 18 Aug 2022 10:43

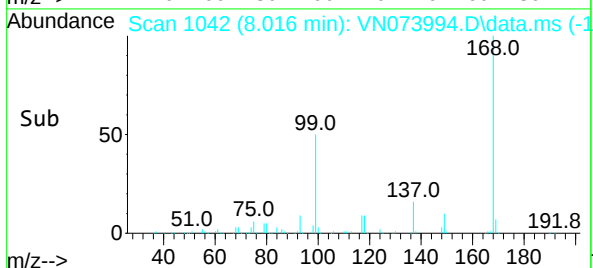
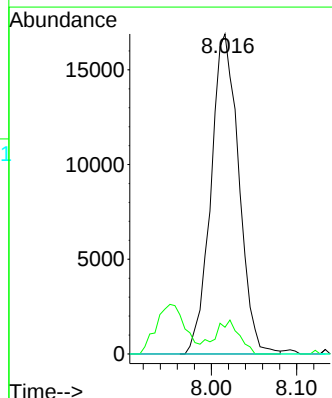
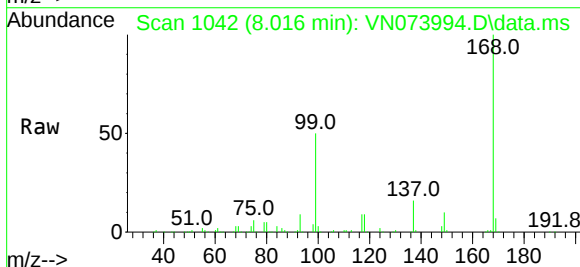
Tgt Ion: 75 Resp: 38487

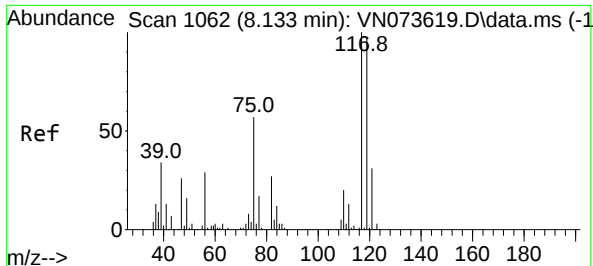
Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.388 ug/l

RT: 8.016 min Scan# 1148

Delta R.T. -0.117 min

Lab File: VN073994.D

Acq: 18 Aug 2022 10:43

Instrument :

MSVOA_N

ClientSampleId :

VN0818WBL01

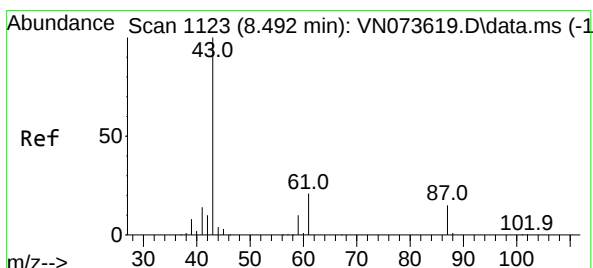
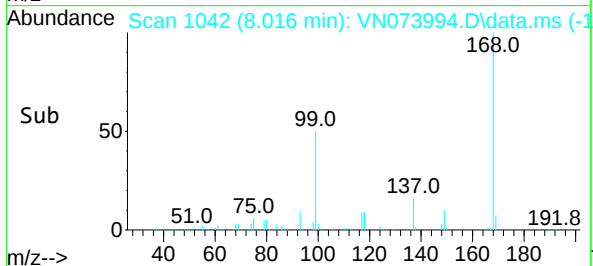
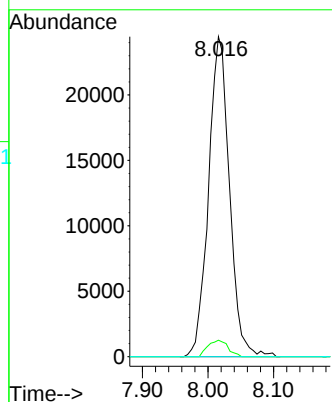
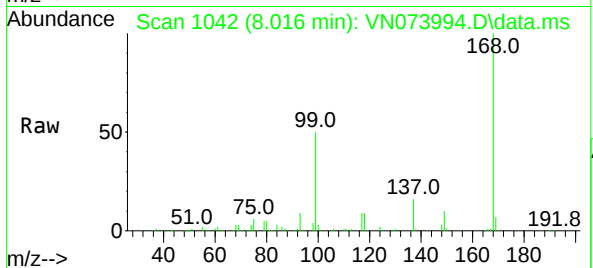
Tgt Ion:117 Resp: 54259

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

121 0.0 24.6 37.0#



#43

Isopropyl Acetate

Concen: 0.626 ug/l

RT: 8.639 min Scan# 1148

Delta R.T. 0.147 min

Lab File: VN073994.D

Acq: 18 Aug 2022 10:43

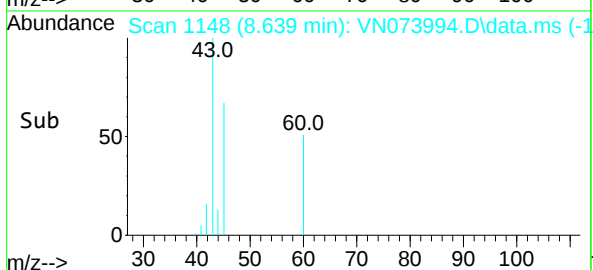
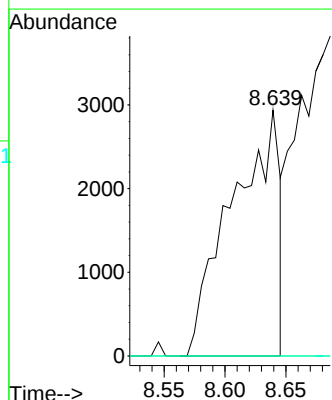
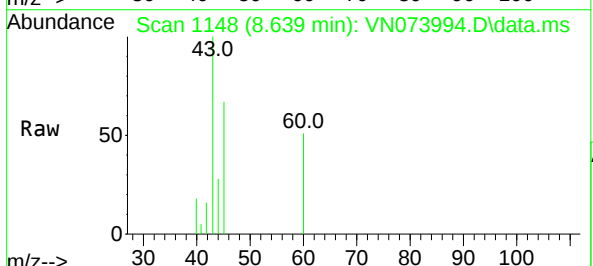
Tgt Ion: 43 Resp: 8027

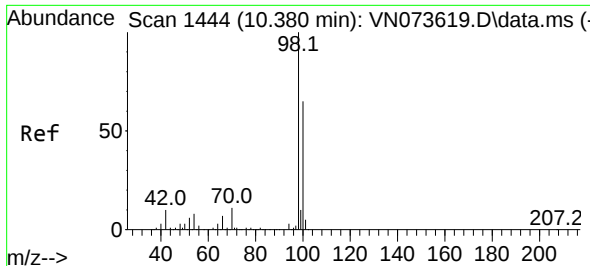
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

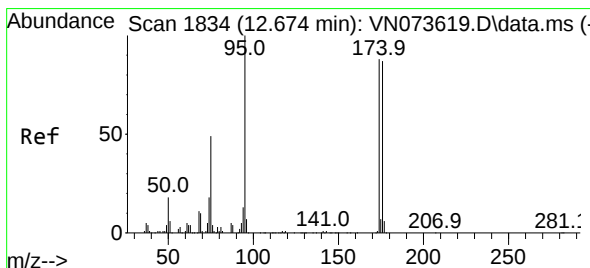
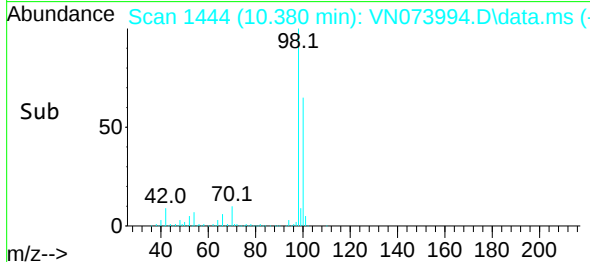
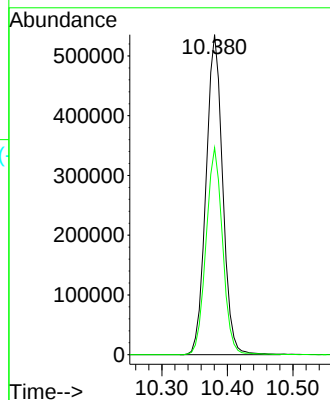
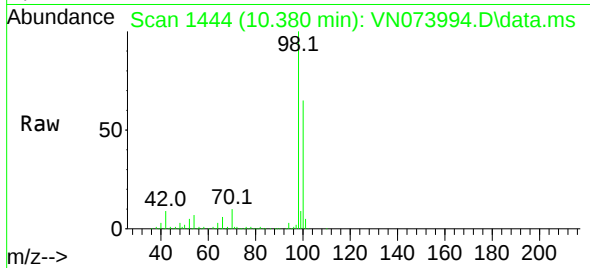




#50
Toluene-d8
Concen: 45.656 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073994.D
Acq: 18 Aug 2022 10:43

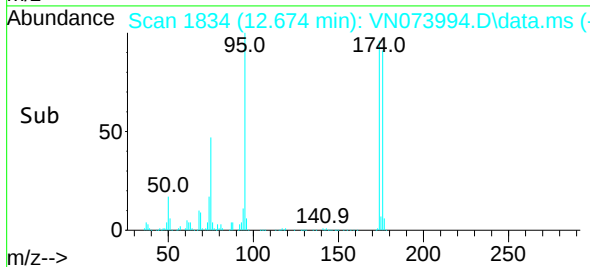
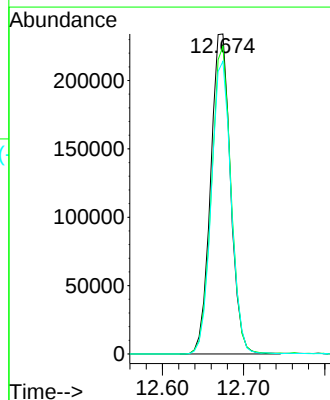
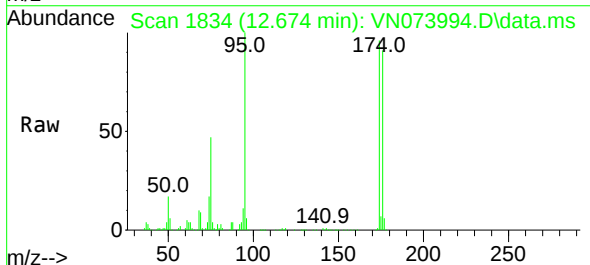
Instrument :
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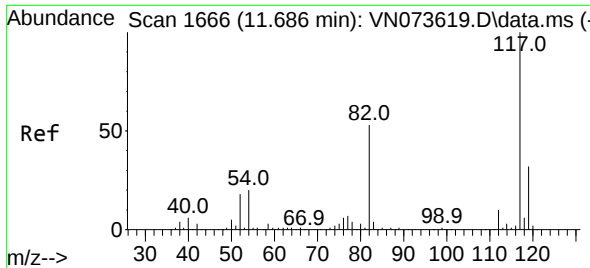
Tgt Ion: 98 Resp: 946038
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.818 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073994.D
Acq: 18 Aug 2022 10:43

Tgt Ion: 95 Resp: 397603
Ion Ratio Lower Upper
95 100
174 94.2 0.0 167.6
176 90.9 0.0 163.4

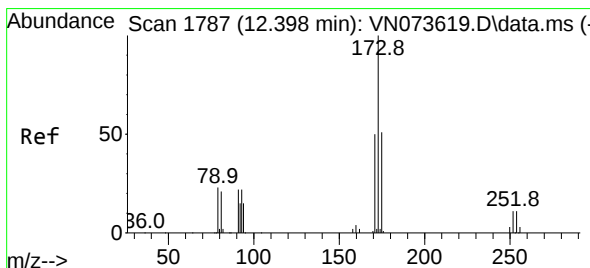
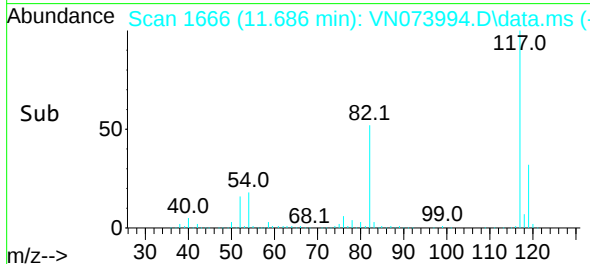
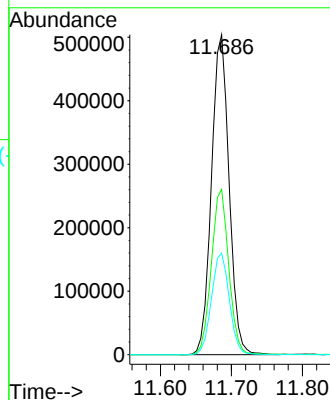
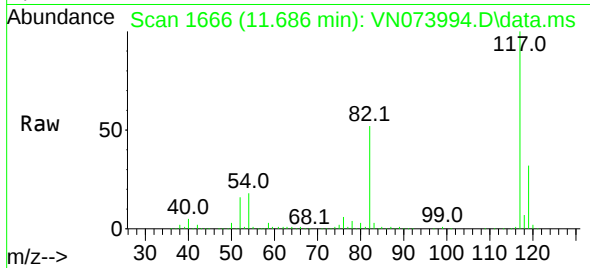




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073994.D
Acq: 18 Aug 2022 10:43

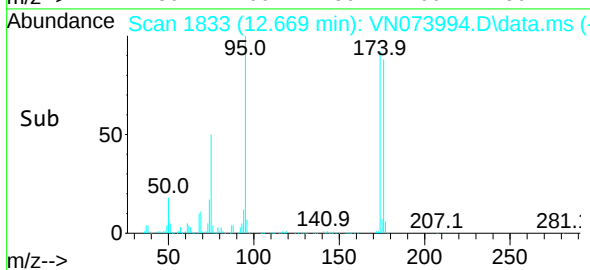
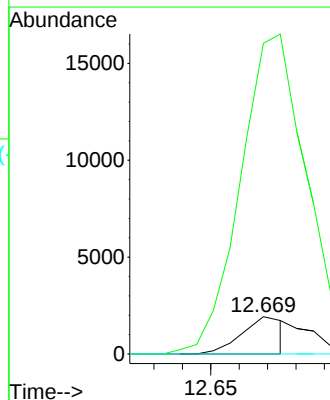
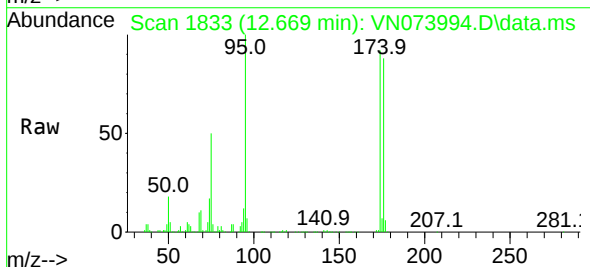
Instrument :
MSVOA_N
ClientSampleId :
VN0818WBL01

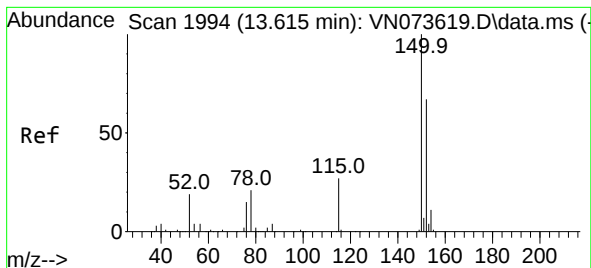
Tgt Ion:117 Resp: 867366
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.2
119 31.7 25.4 38.0



#71
Bromoform
Concen: 0.318 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073994.D
Acq: 18 Aug 2022 10:43

Tgt Ion:173 Resp: 1982
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

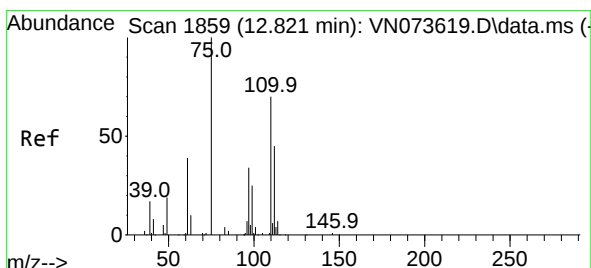
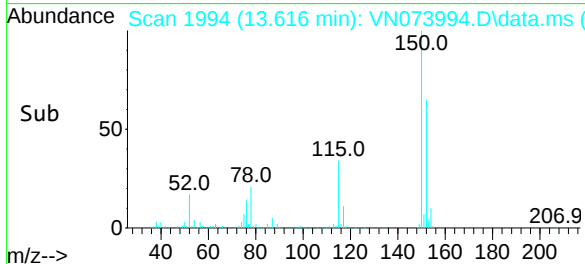
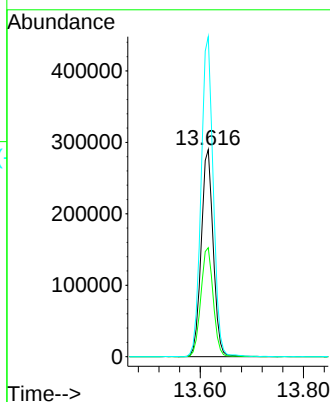
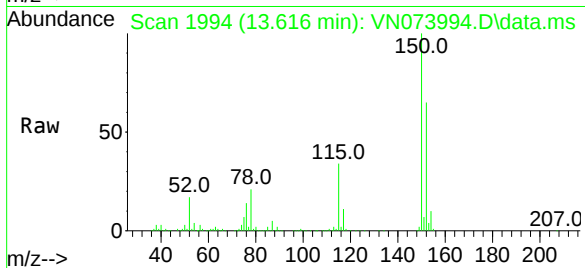




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN073994.D
 Acq: 18 Aug 2022 10:43

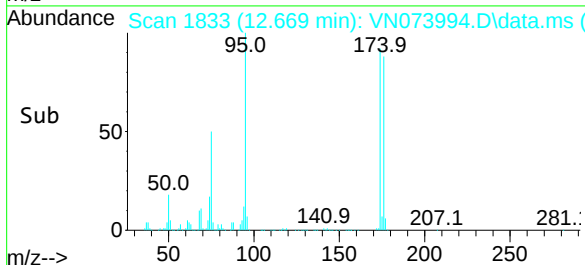
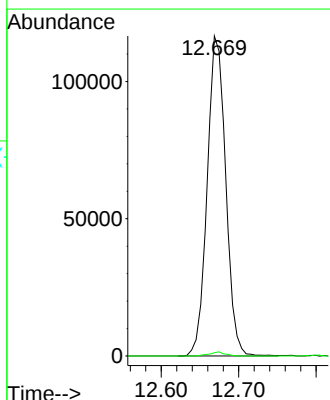
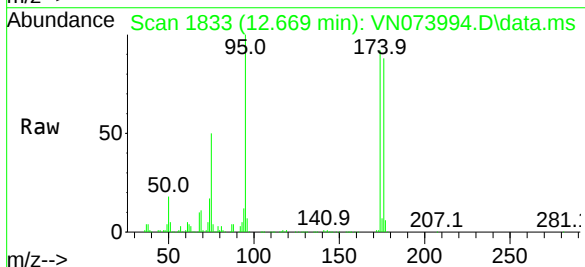
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBL01

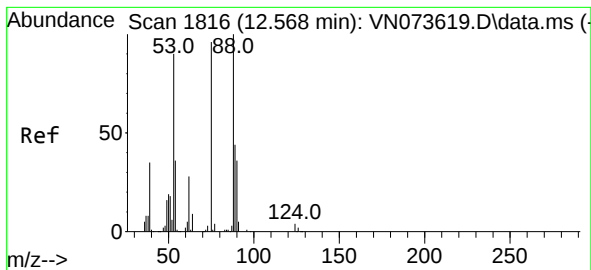
Tgt Ion:152 Resp: 467983
 Ion Ratio Lower Upper
 152 100
 115 54.3 28.9 86.7
 150 155.7 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 19.921 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.152 min
 Lab File: VN073994.D
 Acq: 18 Aug 2022 10:43

Tgt Ion: 75 Resp: 193773
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.660 ug/l
 RT: 12.669 min Scan# 1816
 Delta R.T. 0.101 min
 Lab File: VN073994.D
 Acq: 18 Aug 2022 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBL01

Tgt Ion: 75 Resp: 193773
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

