

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080222\
 Data File : VN073682.D
 Acq On : 02 Aug 2022 13:09
 Operator : JC\MD
 Sample : N3974-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Aug 03 02:04:56 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)

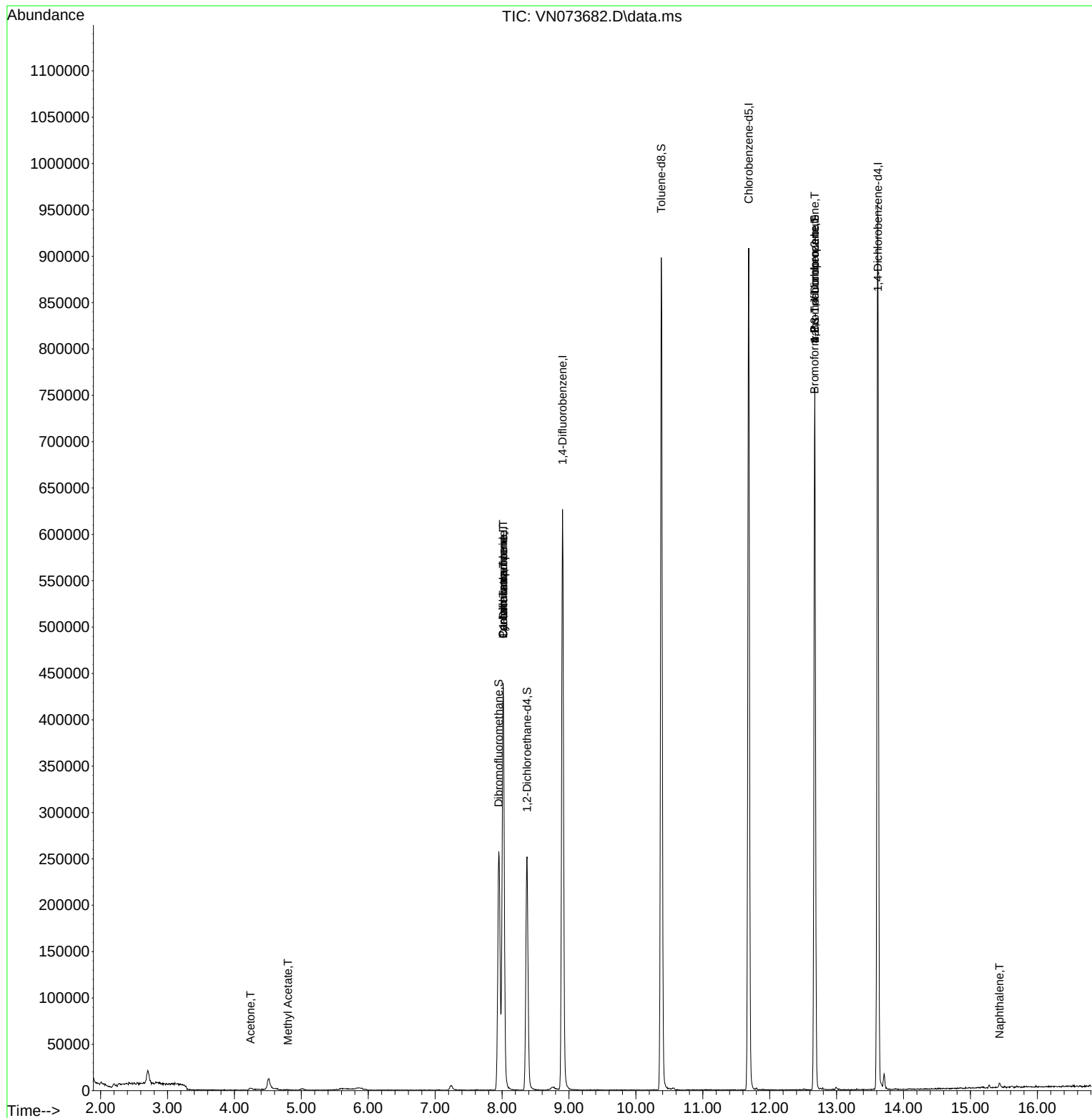
Internal Standards						
1) Pentafluorobenzene	8.016	168	356154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	573283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	543530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	265708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	209475	48.263	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.520%		
35) Dibromofluoromethane	7.951	113	195332	54.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.520%		
50) Toluene-d8	10.380	98	643284	45.411	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.820%		
62) 4-Bromofluorobenzene	12.674	95	244368	51.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.720%		
Target Compounds						
3) Chloromethane	2.263	50	1497	Below Cal	#	88
6) Chloroethane	3.057	64	285	Below Cal	#	42
16) Acetone	4.240	43	5024	2.155	ug/l	98
18) Methyl Acetate	4.798	43	1180	0.203	ug/l #	58
20) Methylene Chloride	5.016	84	1082	Below Cal	#	76
31) Cyclohexane	8.016	56	7041	1.090	ug/l #	27
36) 1,1-Dichloropropene	8.016	75	27081	5.278	ug/l #	49
38) Carbon Tetrachloride	8.016	117	33074	6.347	ug/l #	17
71) Bromoform	12.668	173	1564	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	125475	24.108	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	125475	61.198	ug/l #	10
95) Naphthalene	15.433	128	5643	0.374	ug/l	98

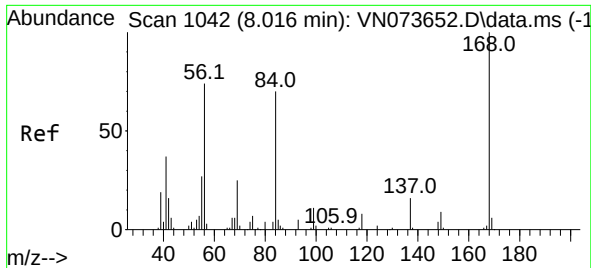
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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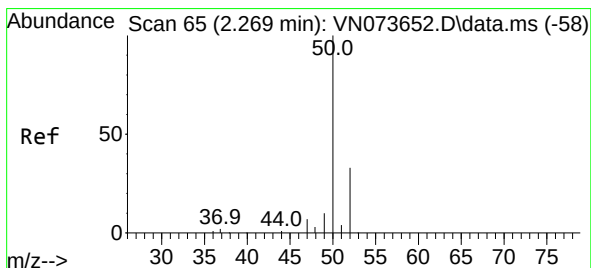
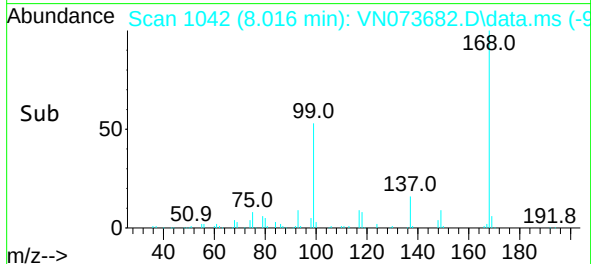
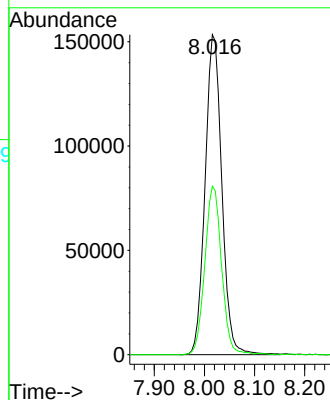
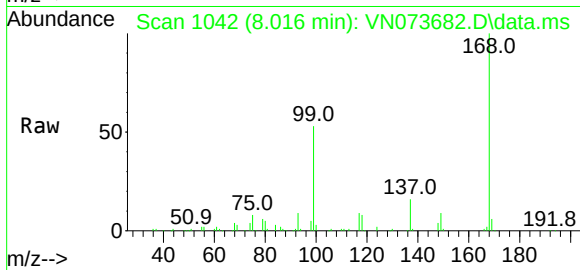




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

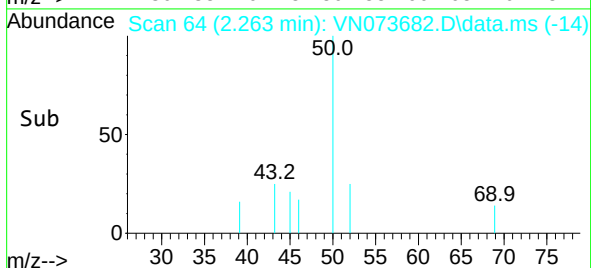
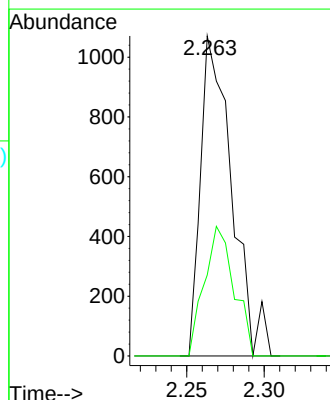
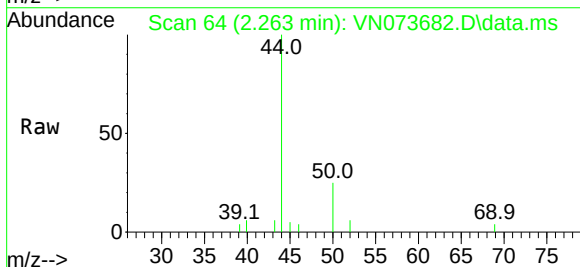
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

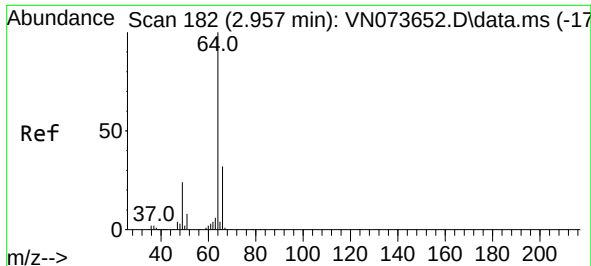
Tgt Ion:168 Resp: 356154
Ion Ratio Lower Upper
168 100
99 52.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

Tgt Ion: 50 Resp: 1497
Ion Ratio Lower Upper
50 100
52 25.3 25.7 38.5#

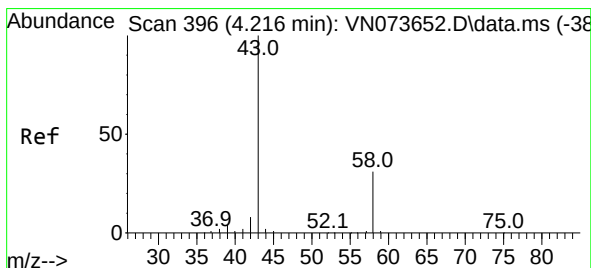
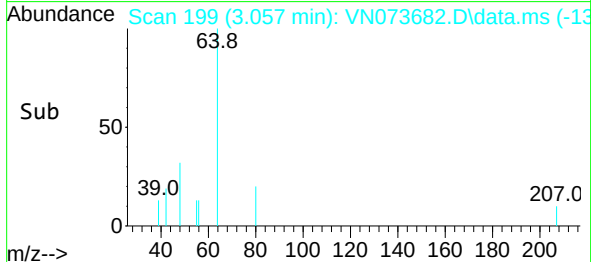
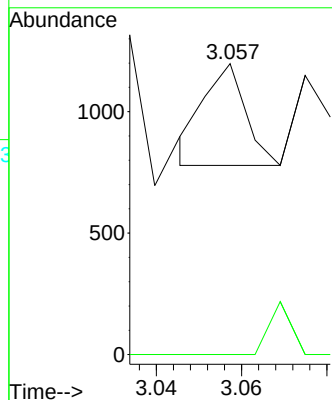
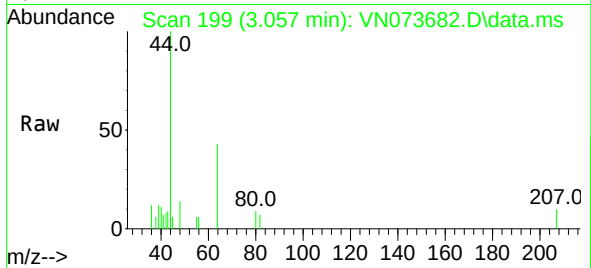




#6
Chloroethane
Concen: Below Cal
RT: 3.057 min Scan# 11
Delta R.T. 0.100 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

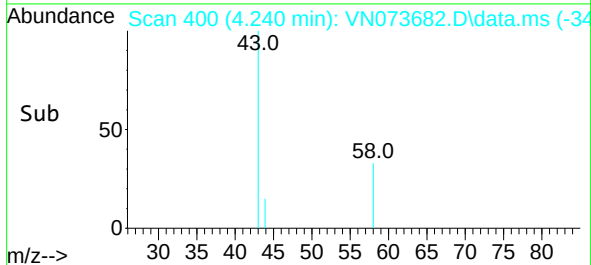
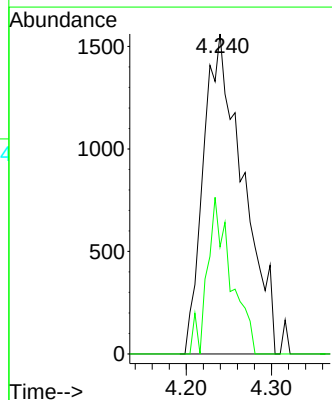
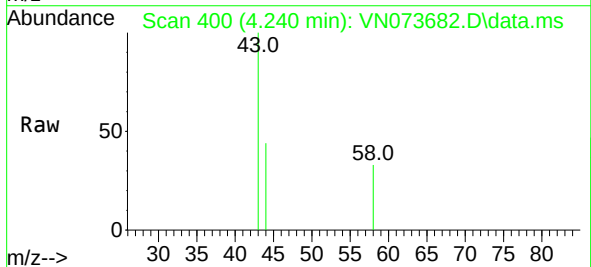
Instrument :
MSVOA_N
ClientSampleId :
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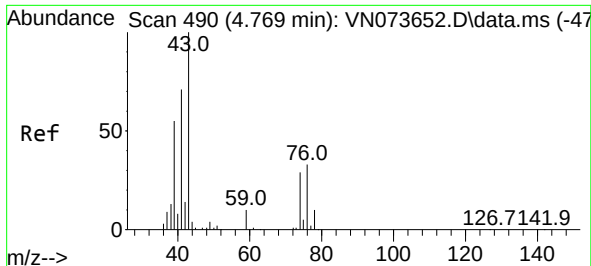
Tgt Ion: 64 Resp: 285
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 2.155 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

Tgt Ion: 43 Resp: 5024
Ion Ratio Lower Upper
43 100
58 33.4 26.0 39.0

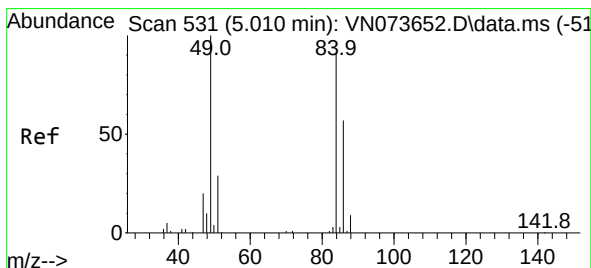
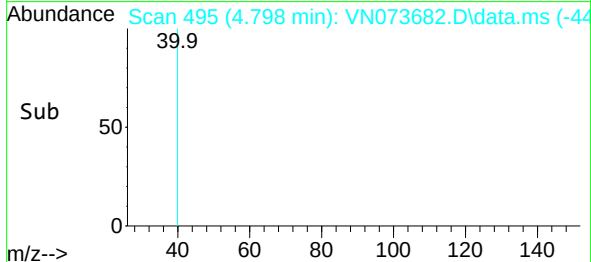
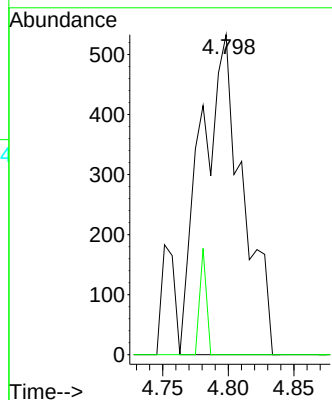
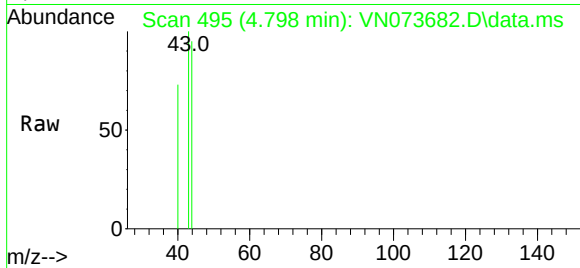




#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 4.798 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

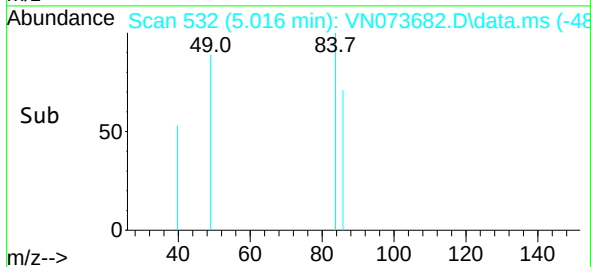
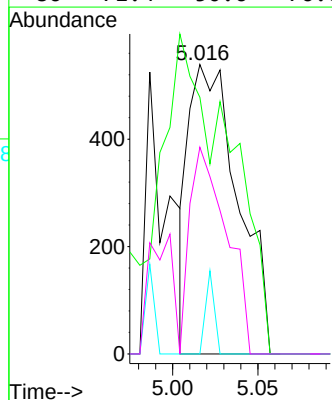
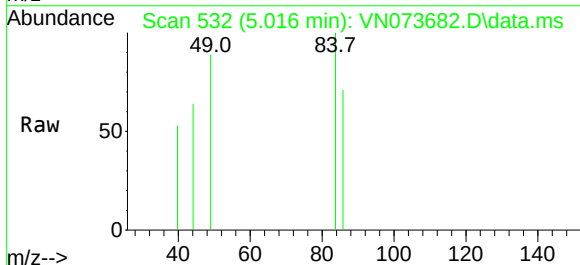
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

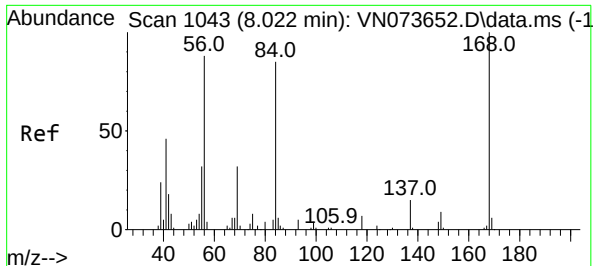
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
74 5.3 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

Tgt Ion: 84 Resp: 1082
Ion Ratio Lower Upper
84 100
49 88.7 88.3 132.5
51 0.0 28.2 42.2#
86 71.4 50.6 76.0





#31

Cyclohexane

Concen: 1.090 ug/l

RT: 8.016 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN073682.D

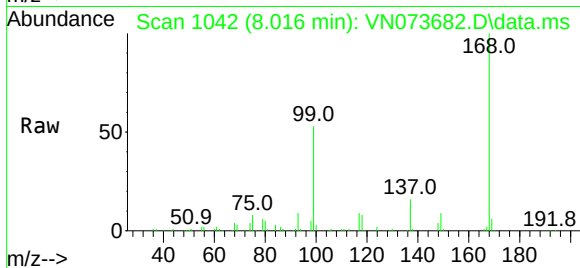
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Instrument :

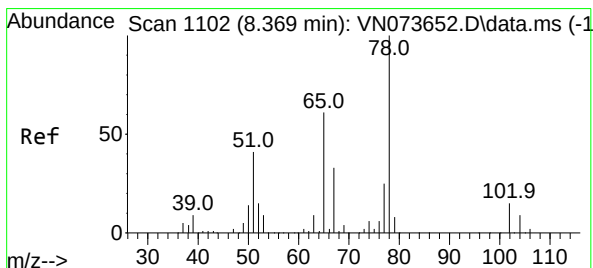
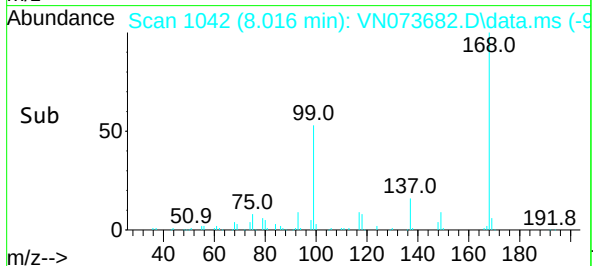
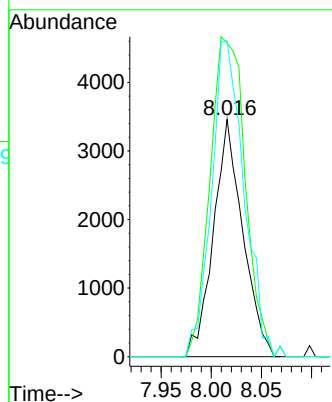
MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:	56	Resp:	7041
Ion Ratio	100	Lower	Upper
56	100		
69	132.2	27.8	41.8#
84	133.2	76.9	115.3#



#33

1,2-Dichloroethane-d4

Concen: 48.263 ug/l

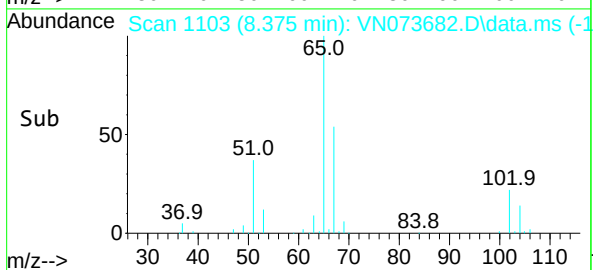
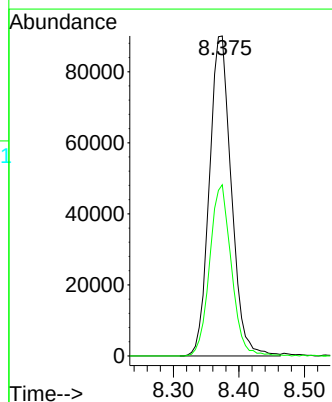
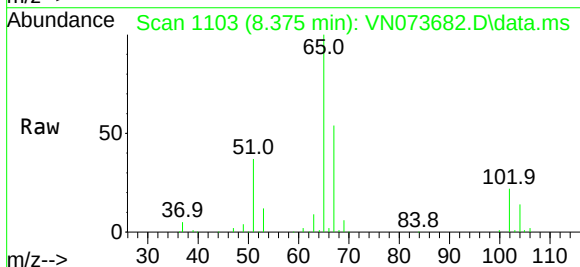
RT: 8.375 min Scan# 1103

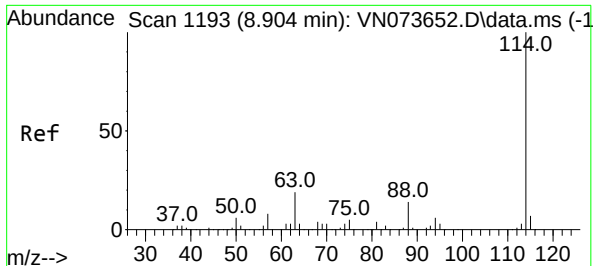
Delta R.T. 0.006 min

Lab File: VN073682.D

Acq: 02 Aug 2022 13:09

Tgt Ion:	65	Resp:	209475
Ion Ratio	100	Lower	Upper
65	100		
67	52.8	0.0	104.8

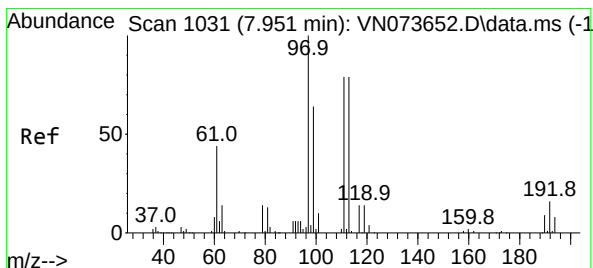
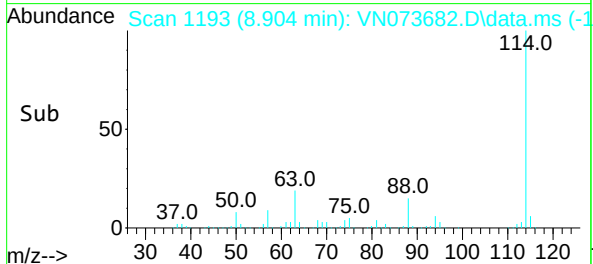
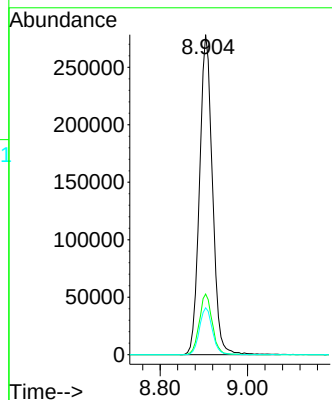
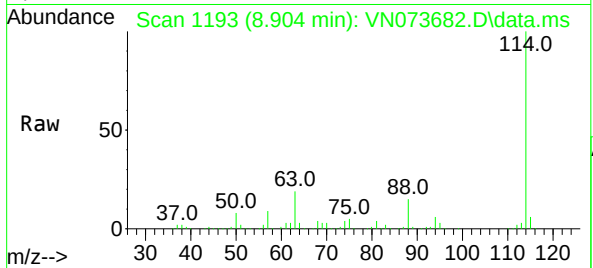




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

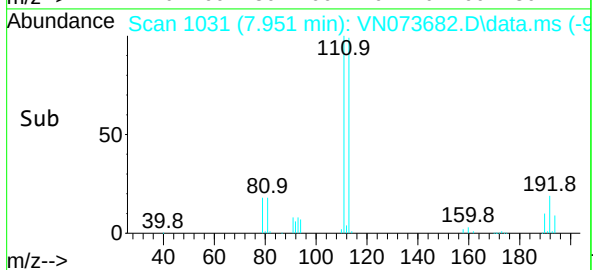
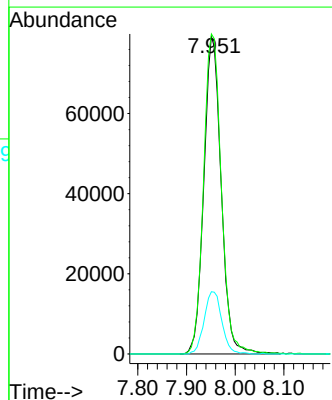
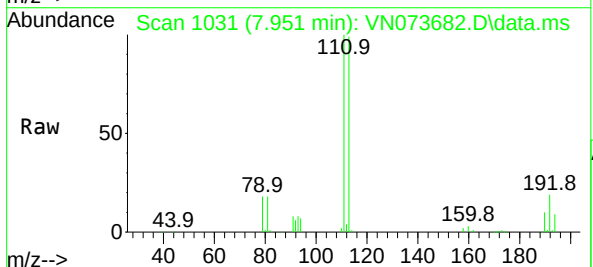
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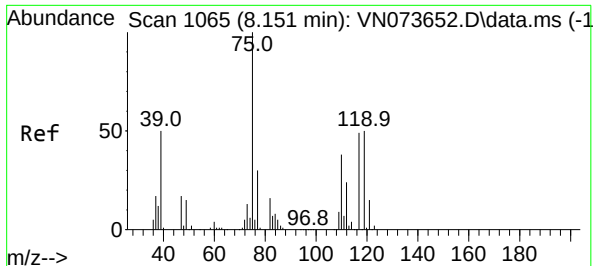
Tgt Ion:114 Resp: 573283
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 14.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 54.261 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

Tgt Ion:113 Resp: 195332
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 20.0 17.0 25.6

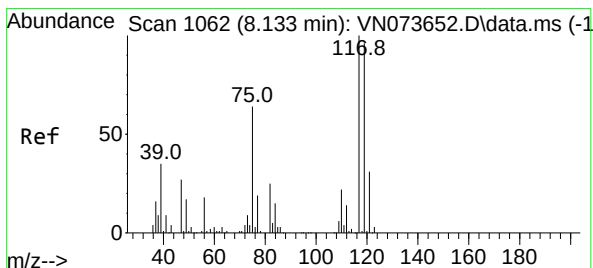
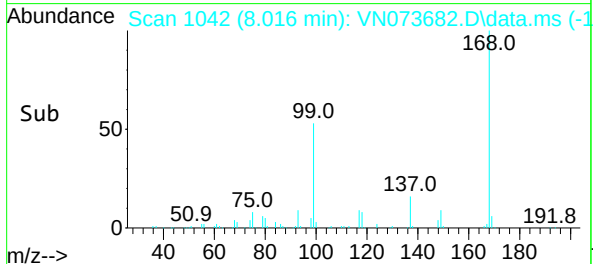
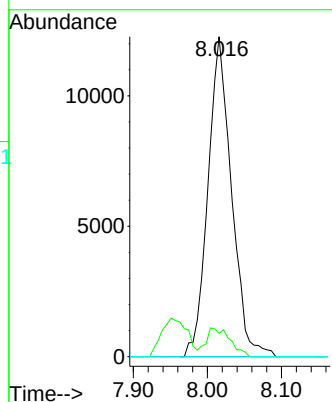
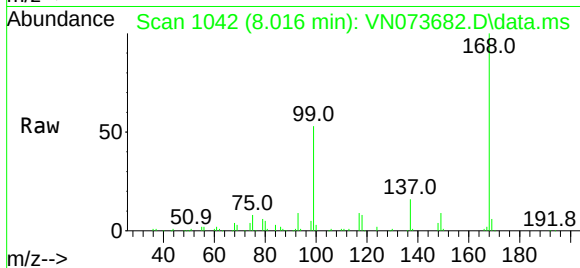




#36
1,1-Dichloropropene
Concen: 5.278 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

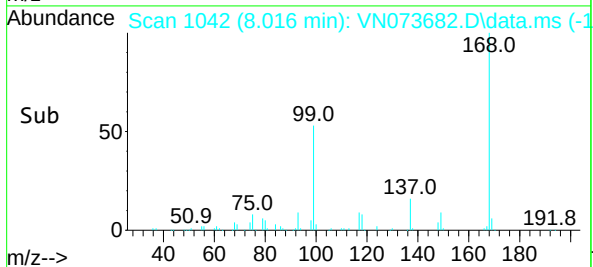
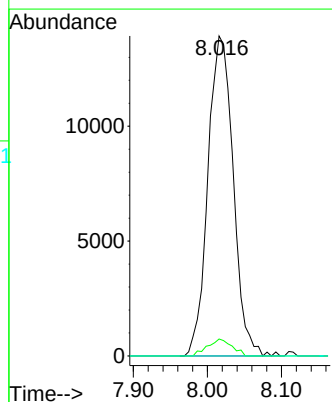
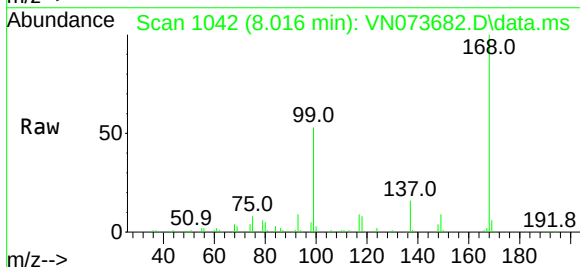
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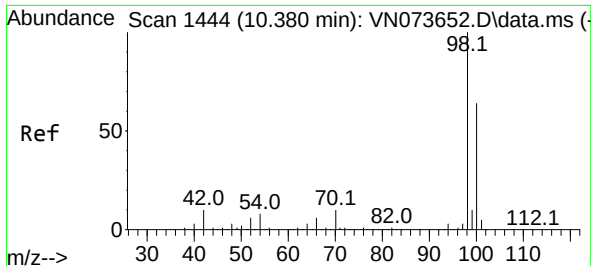
Tgt Ion: 75 Resp: 27081
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.347 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

Tgt Ion: 117 Resp: 33074
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#

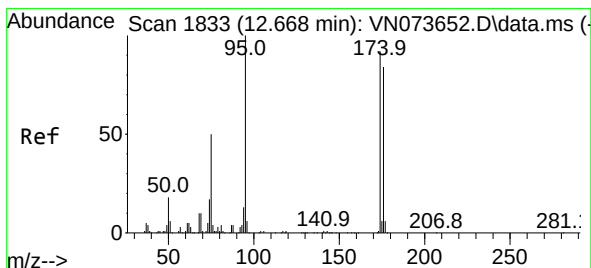
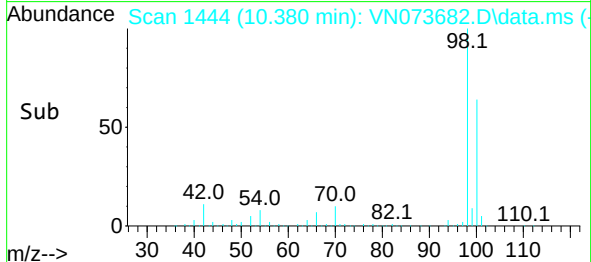
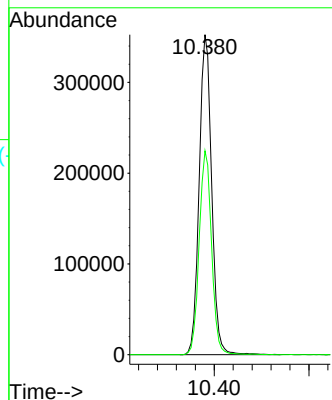
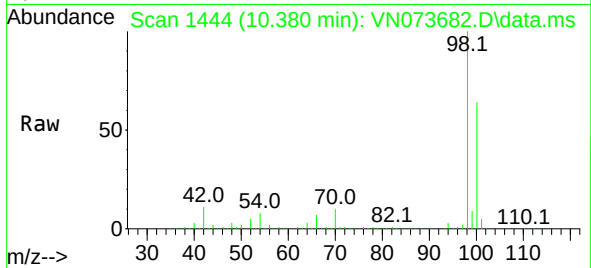




#50
Toluene-d8
Concen: 45.411 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

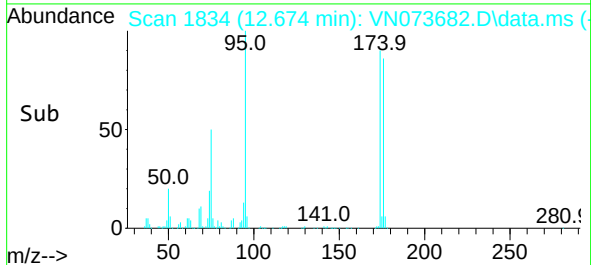
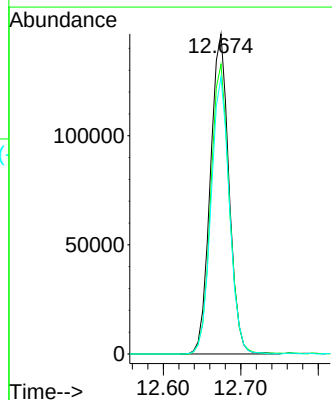
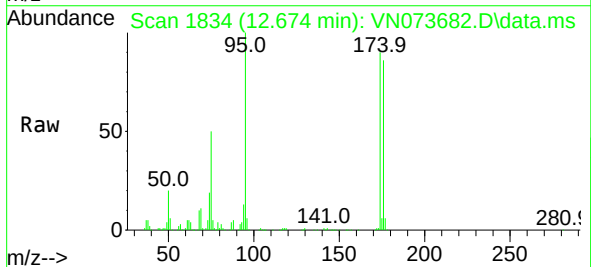
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

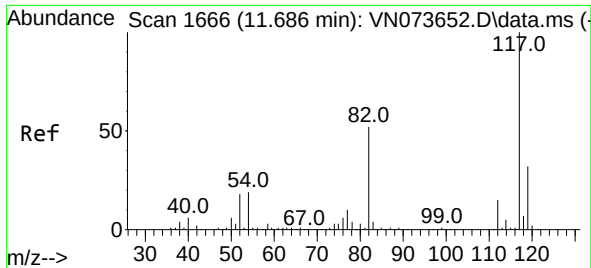
Tgt Ion: 98 Resp: 643284
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.362 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

Tgt Ion: 95 Resp: 244368
Ion Ratio Lower Upper
95 100
174 89.8 0.0 167.6
176 85.4 0.0 163.4

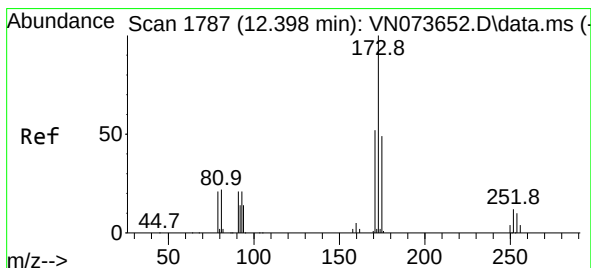
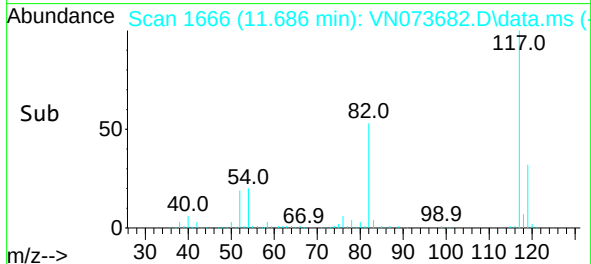
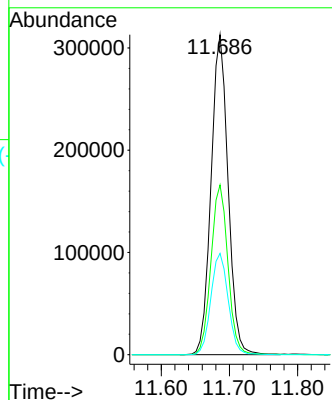
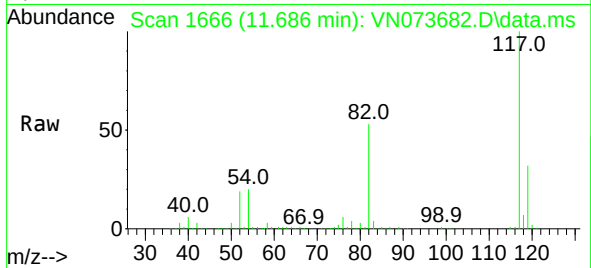




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

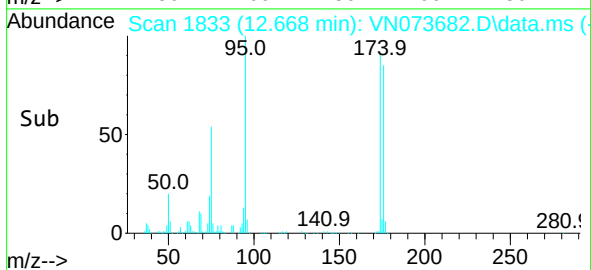
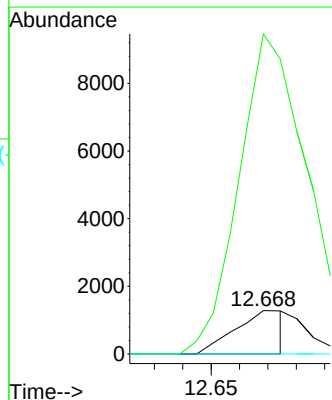
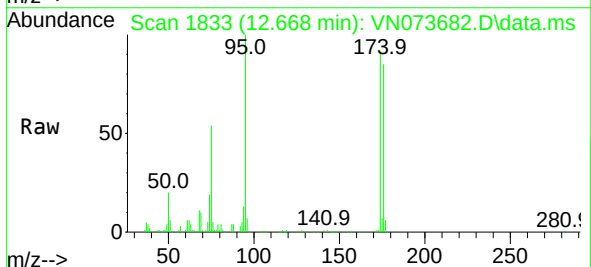
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

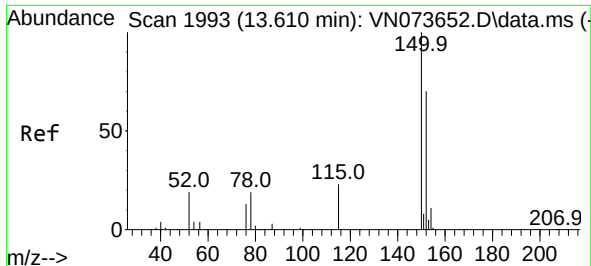
Tgt Ion:117 Resp: 543530
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 31.7 25.4 38.0



#71
Bromoform
Concen: 0.458 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

Tgt Ion:173 Resp: 1564
Ion Ratio Lower Upper
173 100
175 676.3 24.6 73.6#
254 0.0 0.1 0.1#

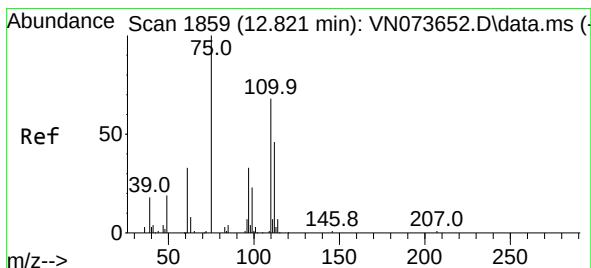
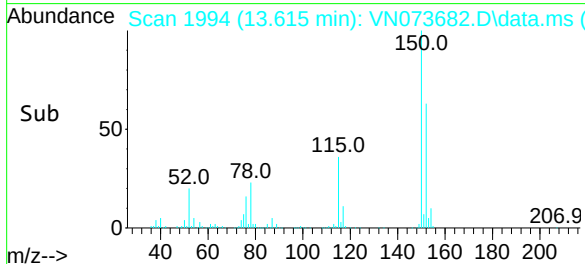
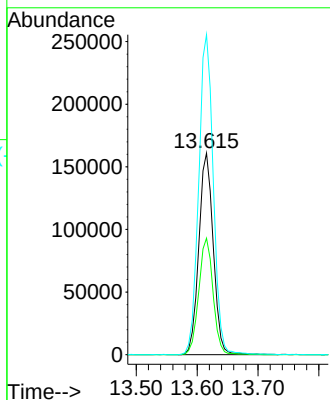
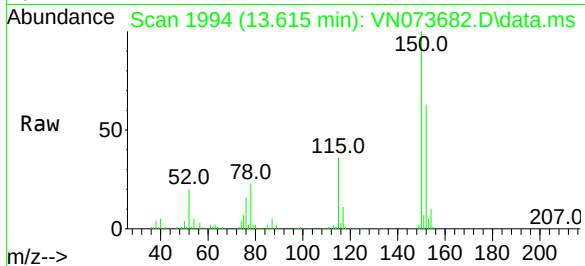




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

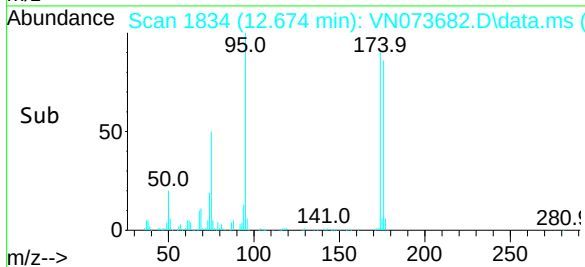
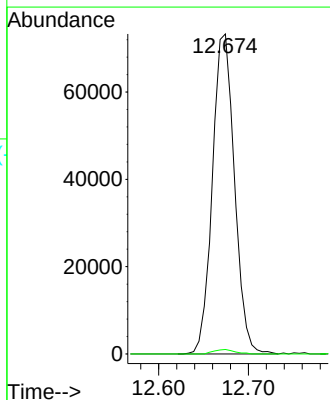
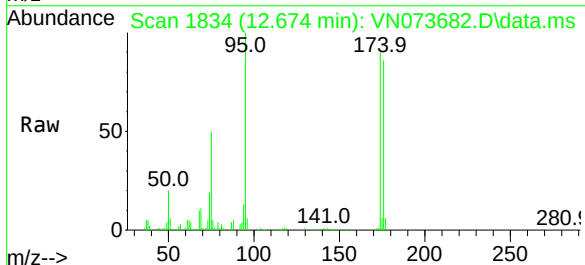
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

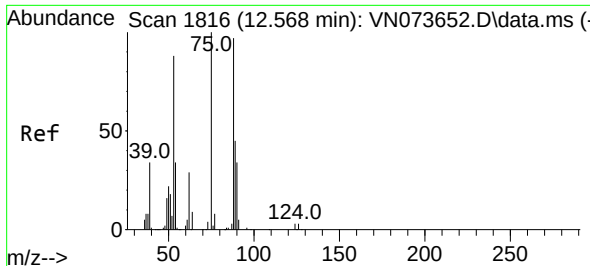
Tgt Ion:152 Resp: 265708
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 160.4 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.108 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

Tgt Ion: 75 Resp: 125475
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#

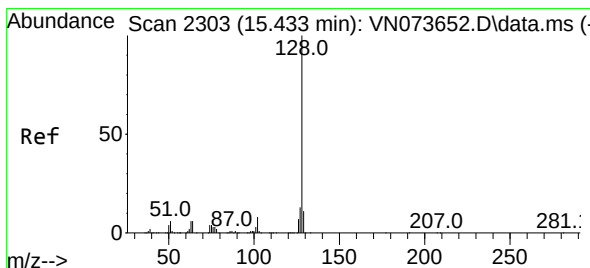
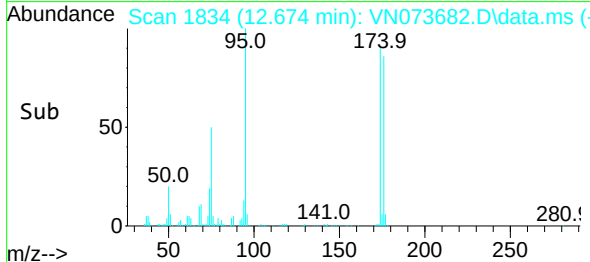
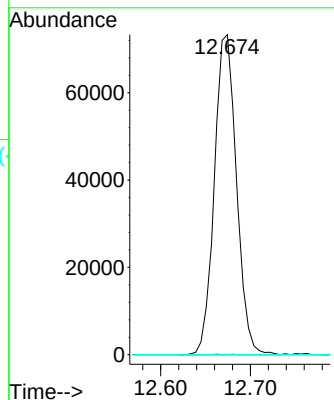
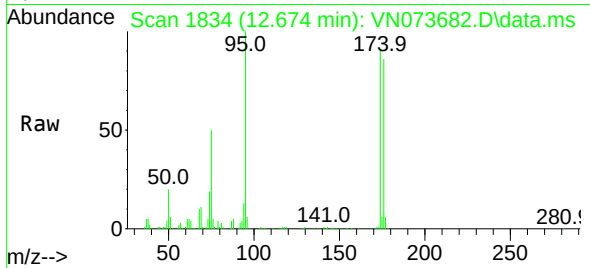




#81
trans-1,4-Dichloro-2-butene
Concen: 61.198 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 125475
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.374 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073682.D
Acq: 02 Aug 2022 13:09

Tgt Ion: 128 Resp: 5643
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 9.3 8.6 13.0

