

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077955.D
 Acq On : 27 May 2023 04:27
 Operator : JC\MD
 Sample : 02970-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: May 29 01:43:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

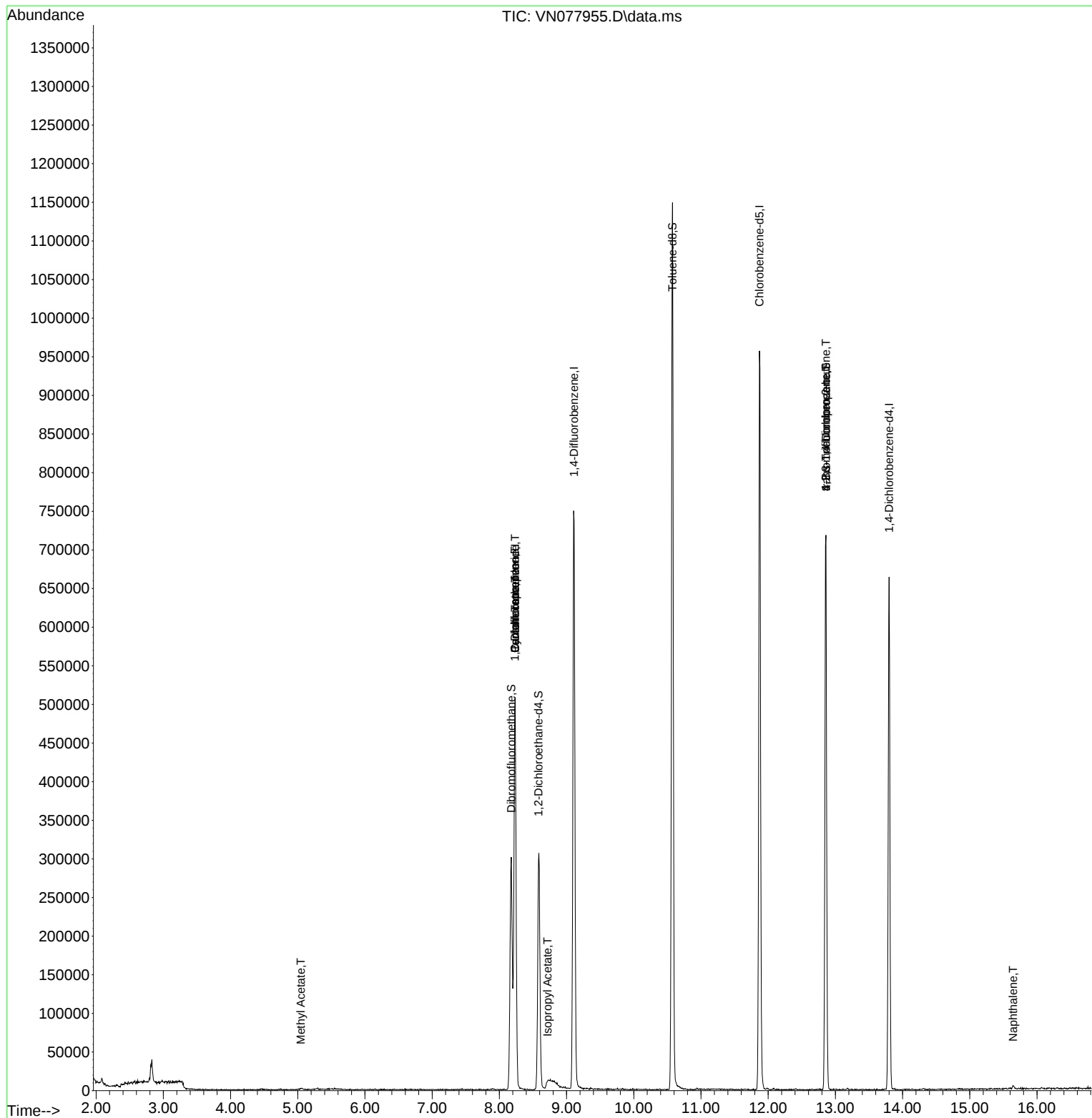
Internal Standards						
1) Pentafluorobenzene	8.236	168	360155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	668201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	579636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	179427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	256143	47.532	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.060%		
35) Dibromofluoromethane	8.177	113	216419	49.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.340%		
50) Toluene-d8	10.577	98	829134	49.437	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.880%		
62) 4-Bromofluorobenzene	12.859	95	263124	44.422	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.840%		
Target Compounds						
3) Chloromethane	2.377	50	870	Below Cal	#	87
13) Acrolein	4.200	56	243	Below Cal	#	51
18) Methyl Acetate	5.047	43	2506	0.352	ug/l #	84
20) Methylene Chloride	5.295	84	410	Below Cal	#	86
31) Cyclohexane	8.236	56	8244	1.126	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	31855	4.998	ug/l #	49
38) Carbon Tetrachloride	8.236	117	39123	6.079	ug/l #	16
43) Isopropyl Acetate	8.718	43	9301	1.002	ug/l #	52
76) 1,2,3-Trichloropropane	12.859	75	142161	31.637	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	142161	101.128	ug/l #	15
95) Naphthalene	15.647	128	4634	0.378	ug/l #	87

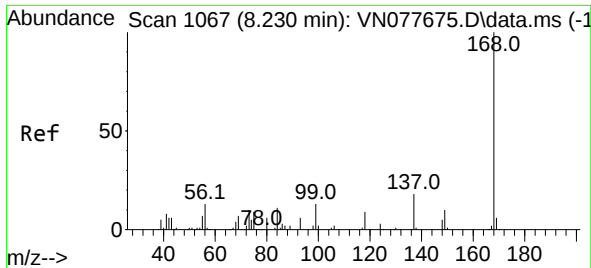
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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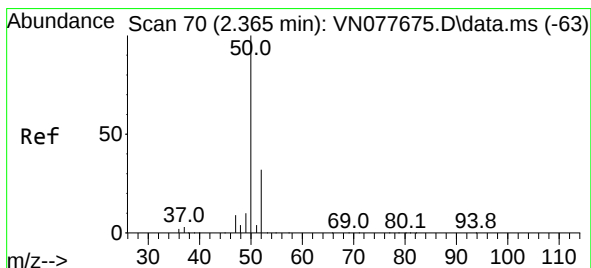
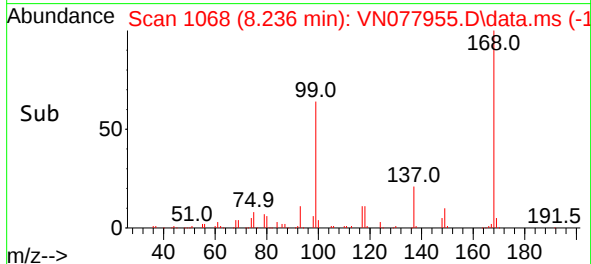
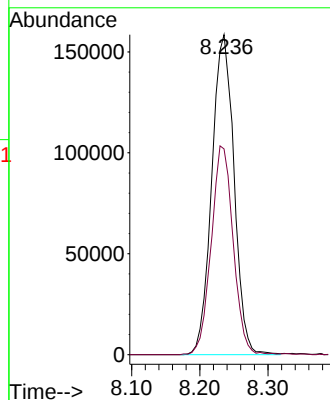
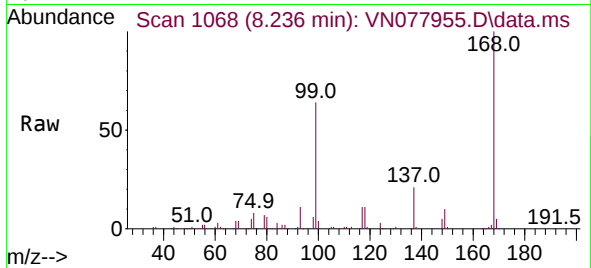




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

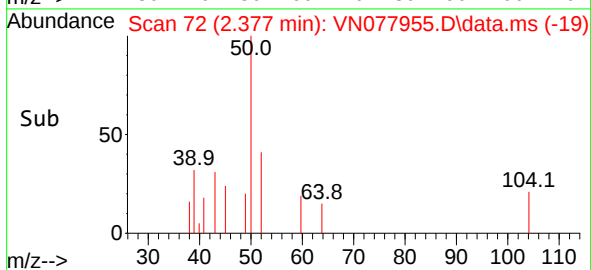
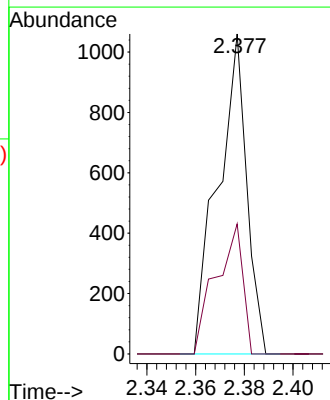
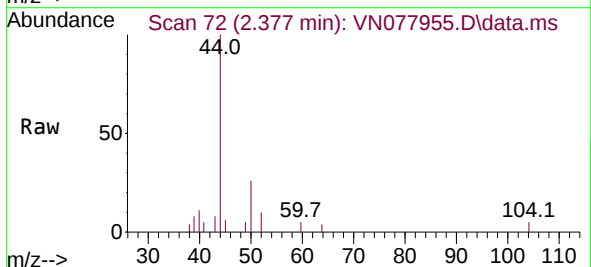
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

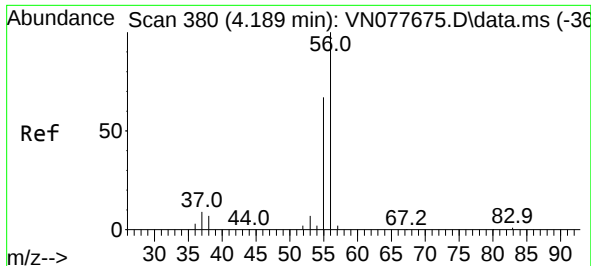
Tgt Ion:168 Resp: 360155
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

Tgt Ion: 50 Resp: 870
Ion Ratio Lower Upper
50 100
52 40.7 26.5 39.7#

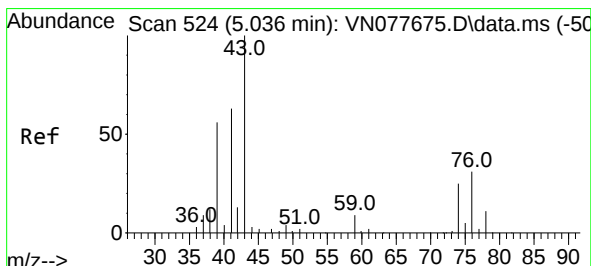
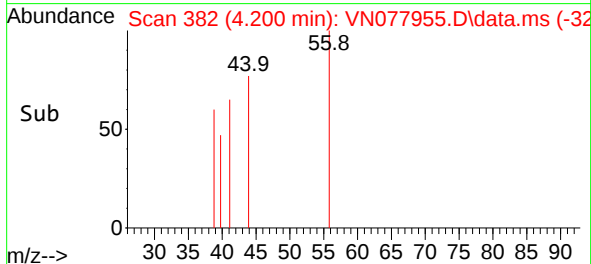
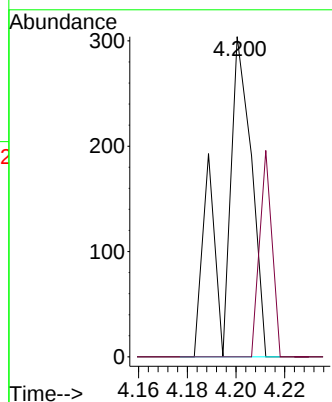
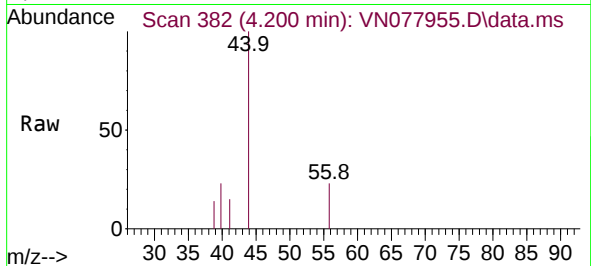




#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

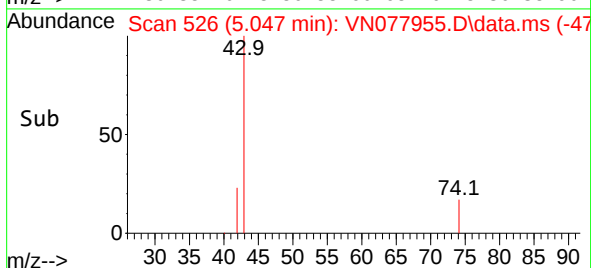
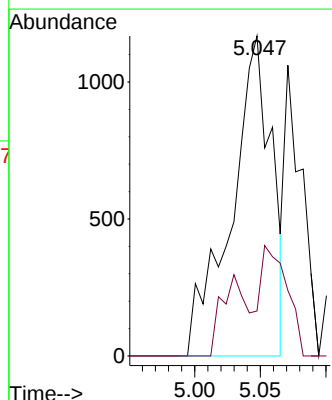
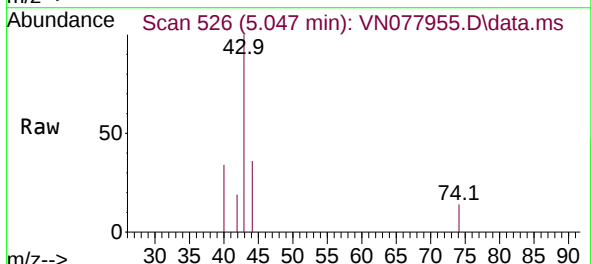
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

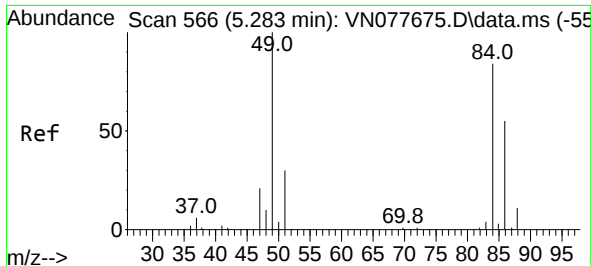
Tgt Ion: 56 Resp: 243
Ion Ratio Lower Upper
56 100
55 28.4 54.5 81.7#



#18
Methyl Acetate
Concen: 0.352 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.011 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

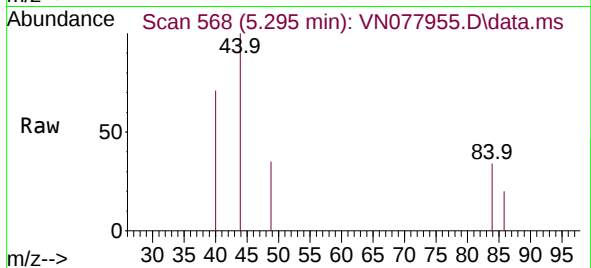
Tgt Ion: 43 Resp: 2506
Ion Ratio Lower Upper
43 100
74 23.6 26.2 39.4#



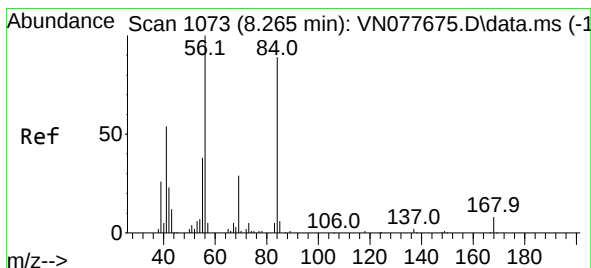
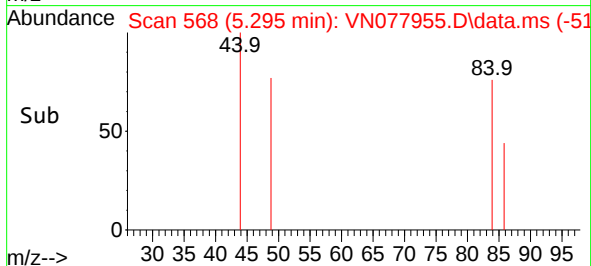
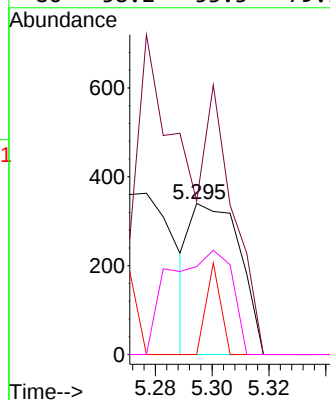


#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

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

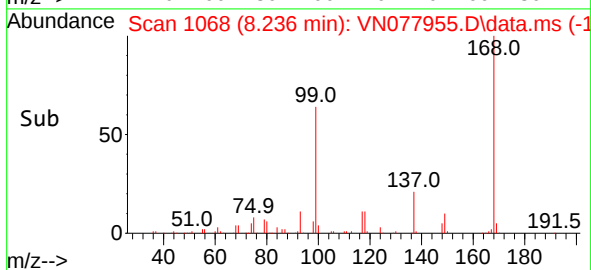
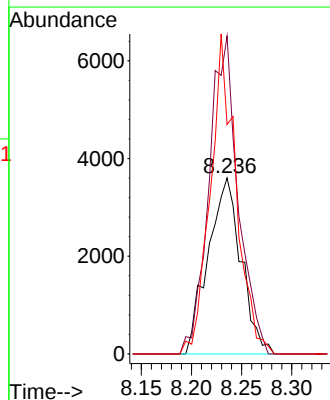
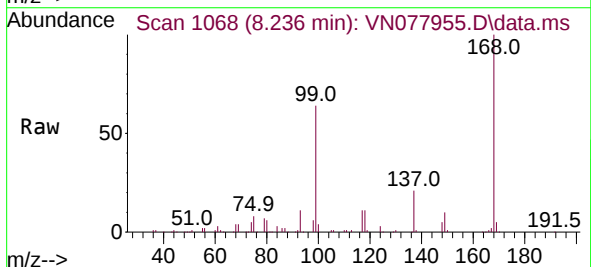


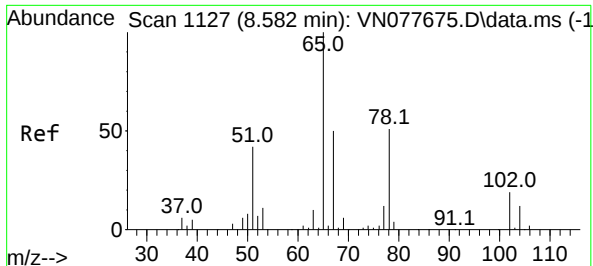
Tgt Ion:	84	Resp:	410
Ion	Ratio	Lower	Upper
84	100		
49	101.5	79.7	119.5
51	0.0	25.2	37.8#
86	58.2	53.3	79.9



#31
Cyclohexane
Concen: 1.126 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

Tgt Ion:	56	Resp:	8244
Ion	Ratio	Lower	Upper
56	100		
69	180.7	26.8	40.2#
84	130.4	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 47.532 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077955.D

Acq: 27 May 2023 04:27

Instrument :

MSVOA_N

ClientSampleId :

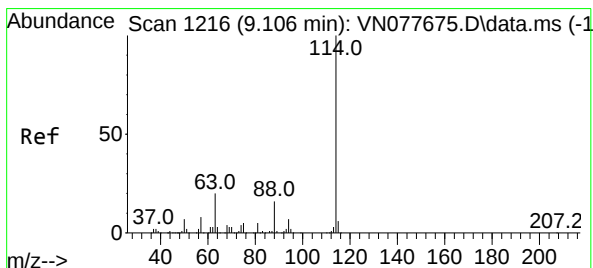
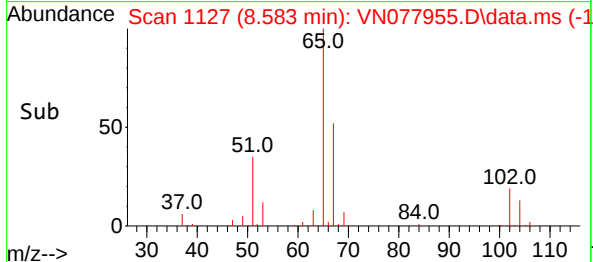
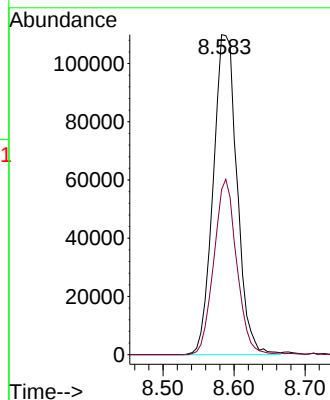
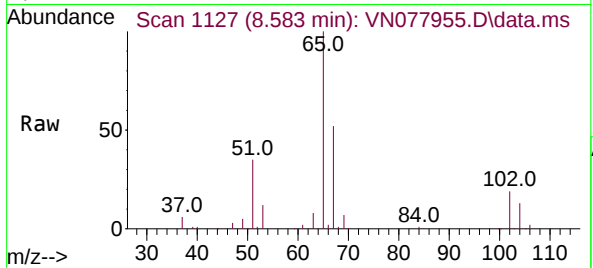
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 256143

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077955.D

Acq: 27 May 2023 04:27

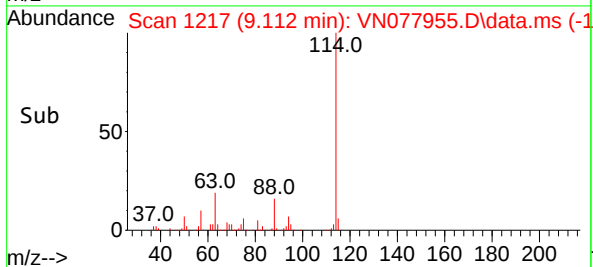
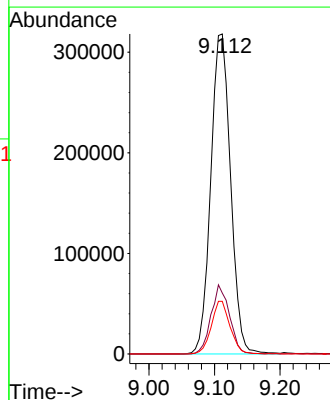
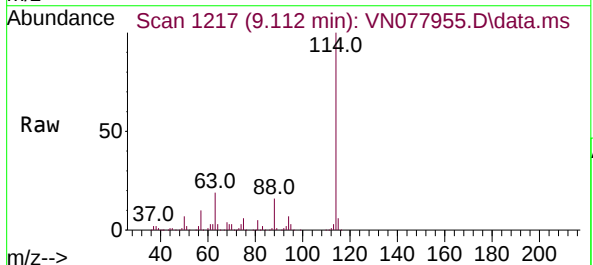
Tgt Ion: 114 Resp: 668201

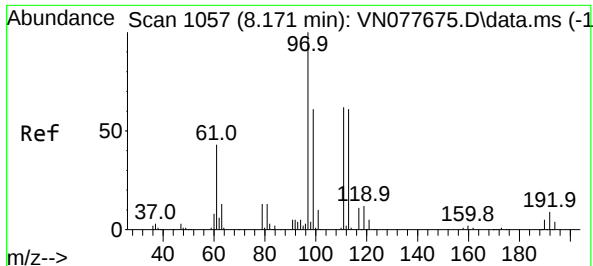
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.669 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077955.D

Acq: 27 May 2023 04:27

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

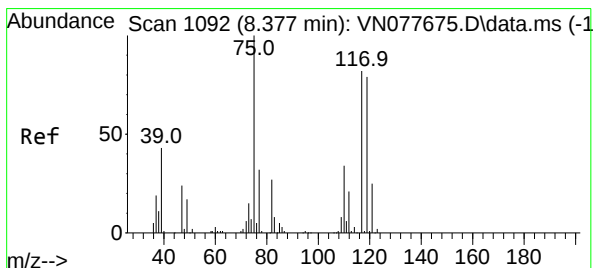
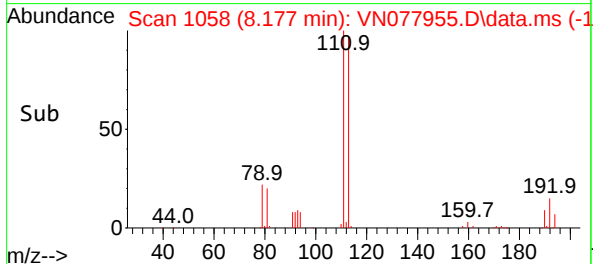
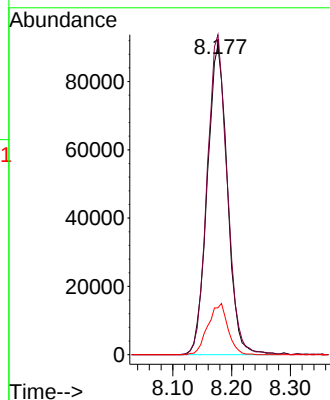
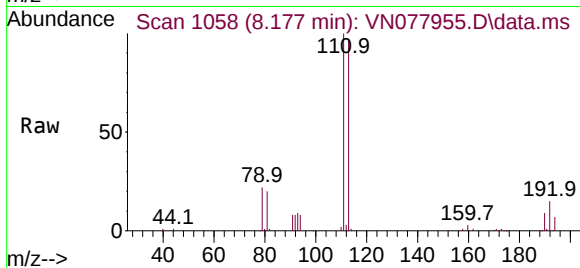
Tgt Ion:113 Resp: 216419

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 16.3 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.998 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN077955.D

Acq: 27 May 2023 04:27

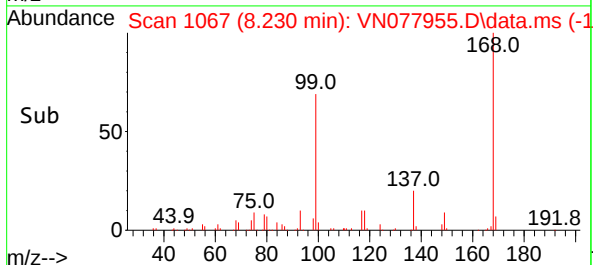
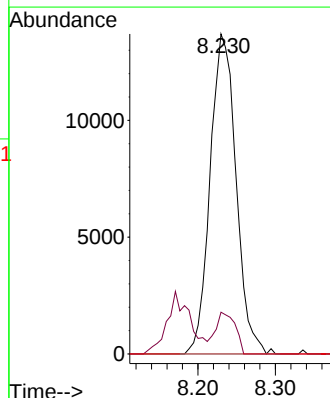
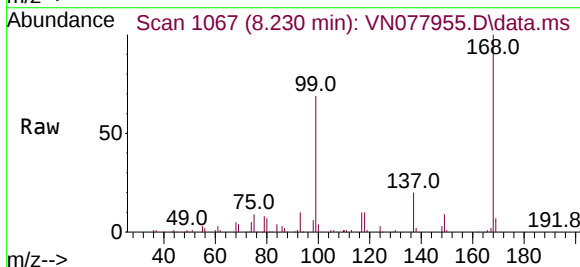
Tgt Ion: 75 Resp: 31855

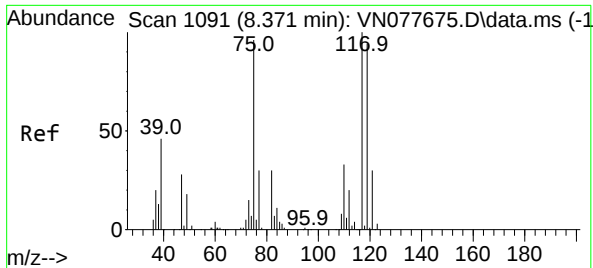
Ion Ratio Lower Upper

75 100

110 10.0 19.1 57.3#

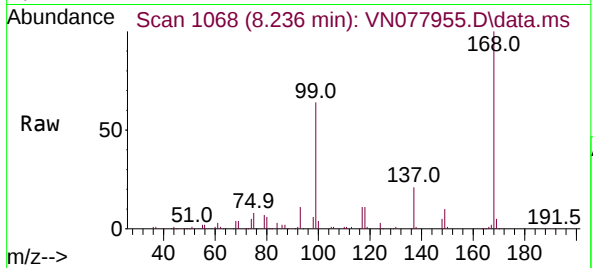
77 0.0 25.0 37.4#



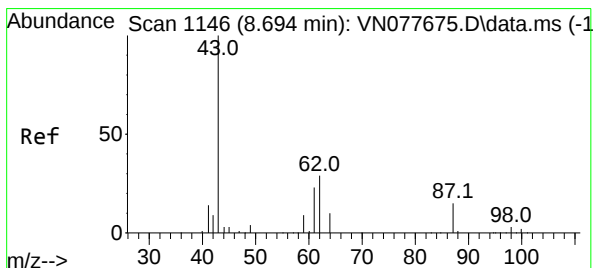
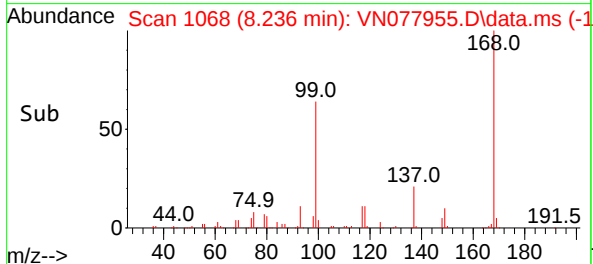
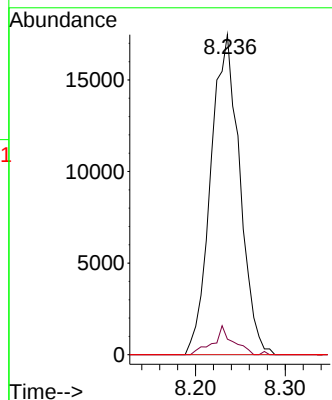


#38
Carbon Tetrachloride
Concen: 6.079 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. -0.136 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

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

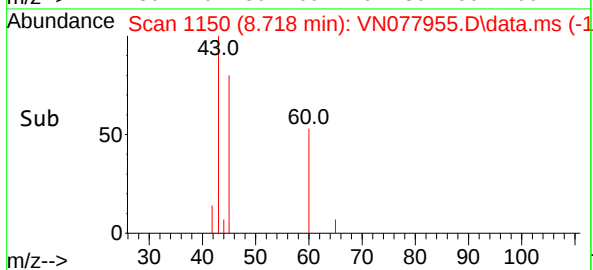
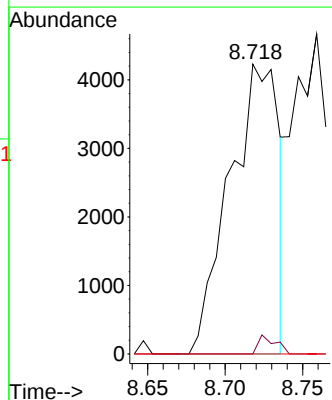
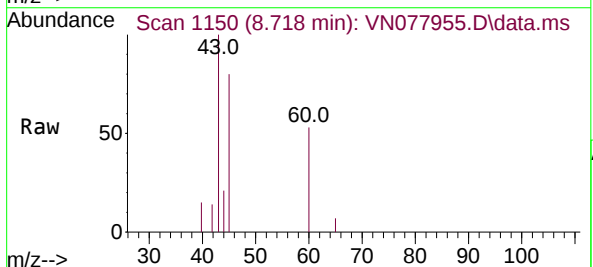


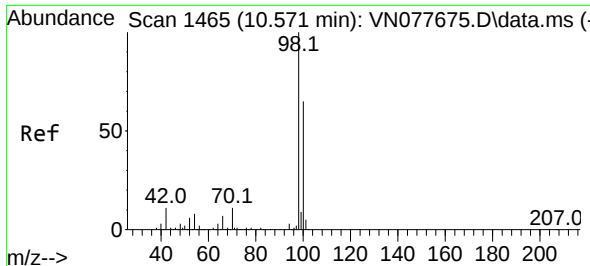
Tgt Ion:117 Resp: 39123
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 1.002 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.024 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

Tgt Ion: 43 Resp: 9301
Ion Ratio Lower Upper
43 100
61 2.3 24.7 37.1#
87 0.0 14.6 21.8#

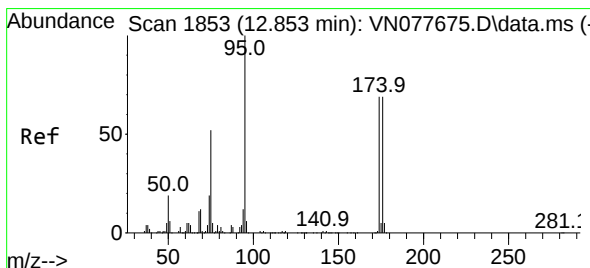
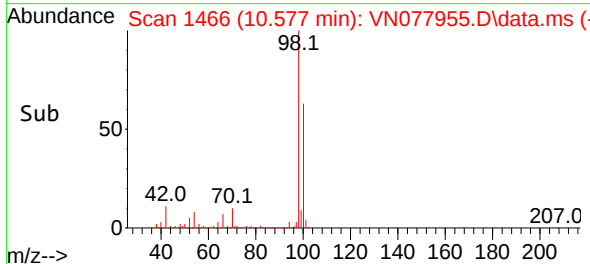
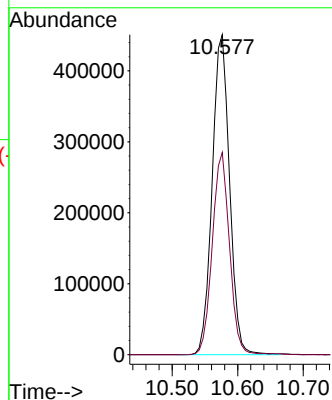
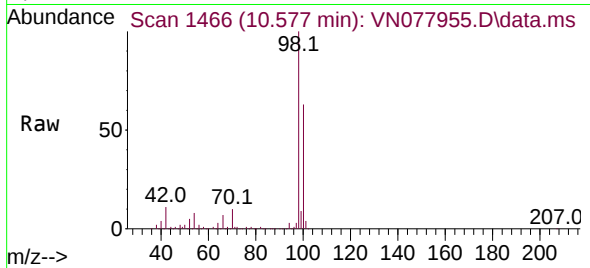




#50
Toluene-d8
Concen: 49.437 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

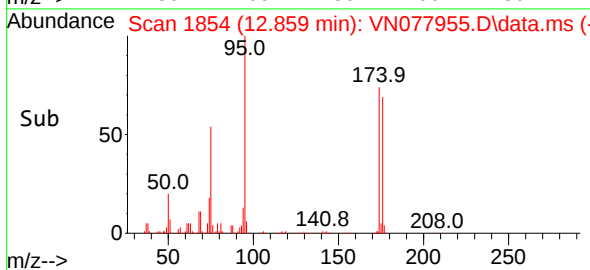
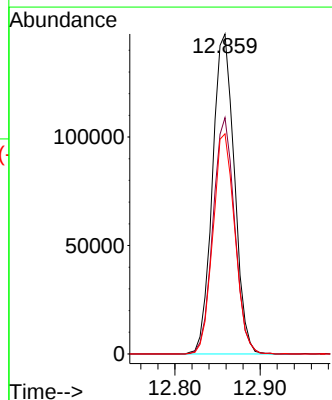
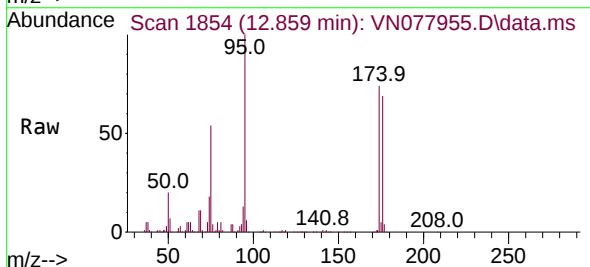
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

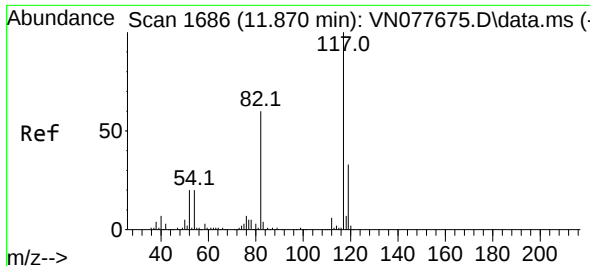
Tgt Ion: 98 Resp: 829134
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.422 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

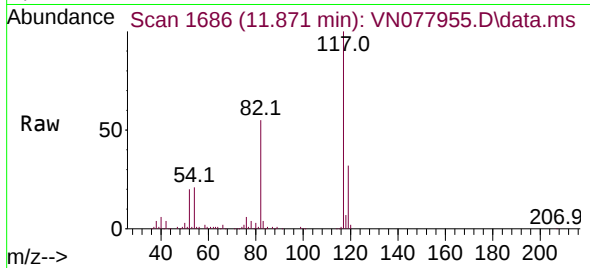
Tgt Ion: 95 Resp: 263124
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 68.9 0.0 135.8



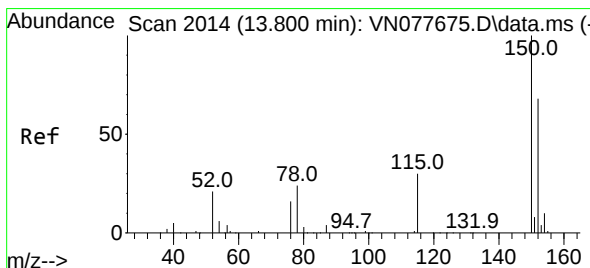
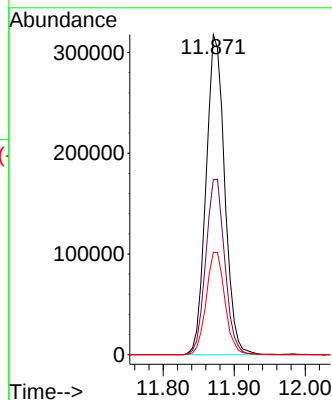
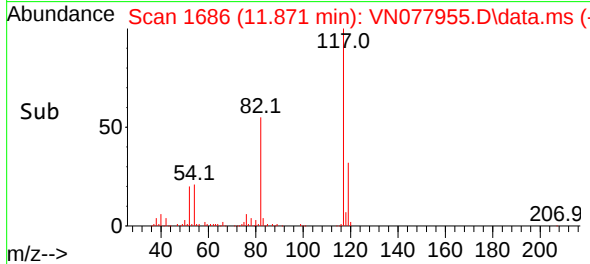


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

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

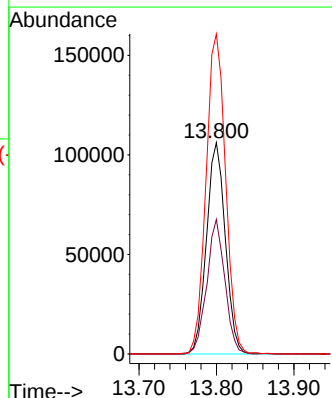
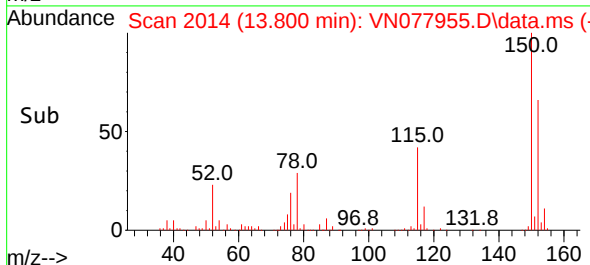
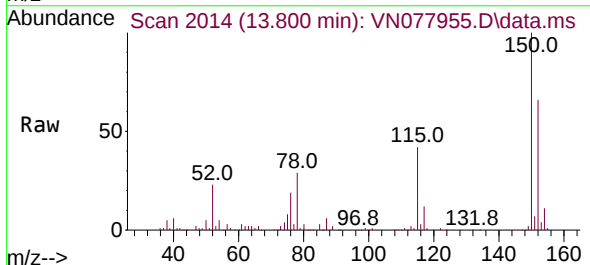


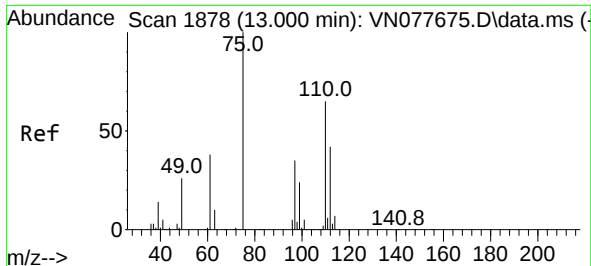
Tgt Ion:117 Resp: 579636
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

Tgt Ion:152 Resp: 179427
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 156.7 0.0 355.8

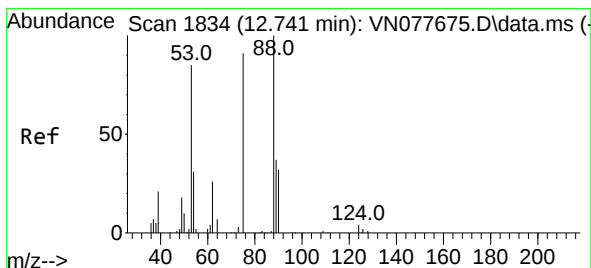
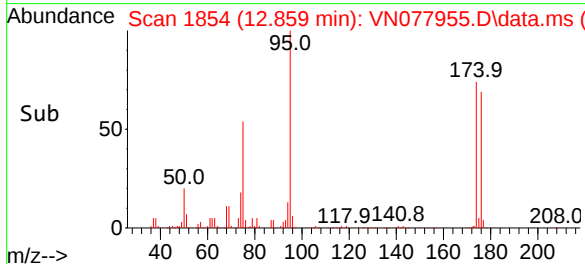
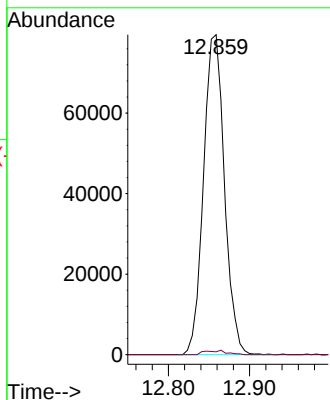
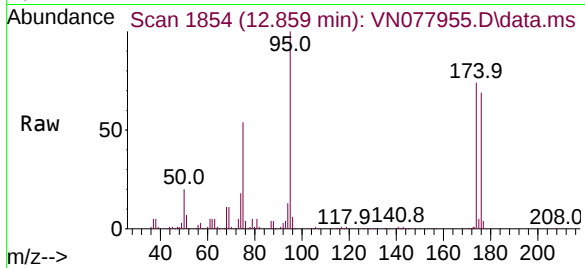




#76
1,2,3-Trichloropropane
Concen: 31.637 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

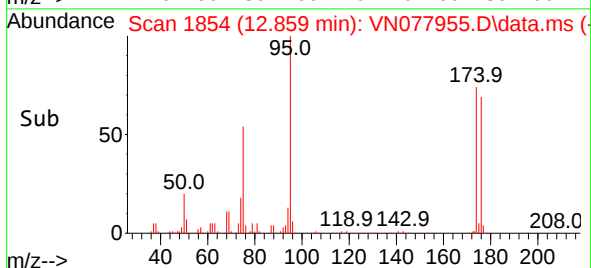
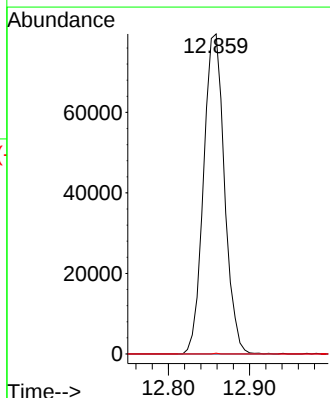
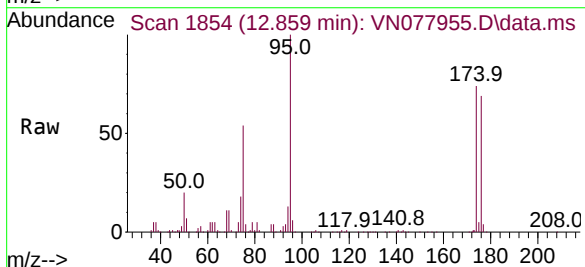
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

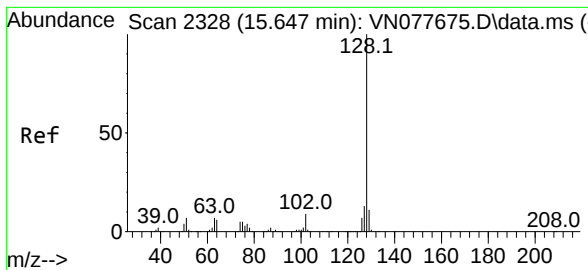
Tgt Ion: 75 Resp: 142161
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.128 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

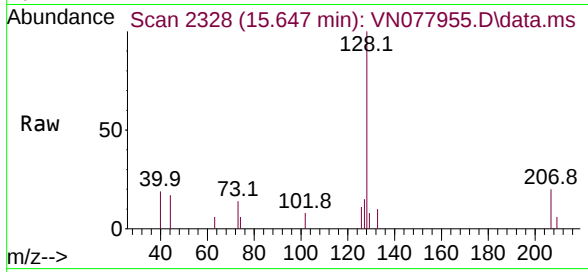
Tgt Ion: 75 Resp: 142161
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#





#95
Naphthalene
Concen: 0.378 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077955.D
Acq: 27 May 2023 04:27

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



Tgt Ion:128 Resp: 4634
Ion Ratio Lower Upper
128 100
127 11.7 10.0 15.0
129 1.6 8.7 13.1#

