

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082107.D
 Acq On : 13 May 2024 19:33
 Operator : JC\MD
 Sample : P2400-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240430002-04-TRIP-BLANK

Quant Time: May 14 03:36:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

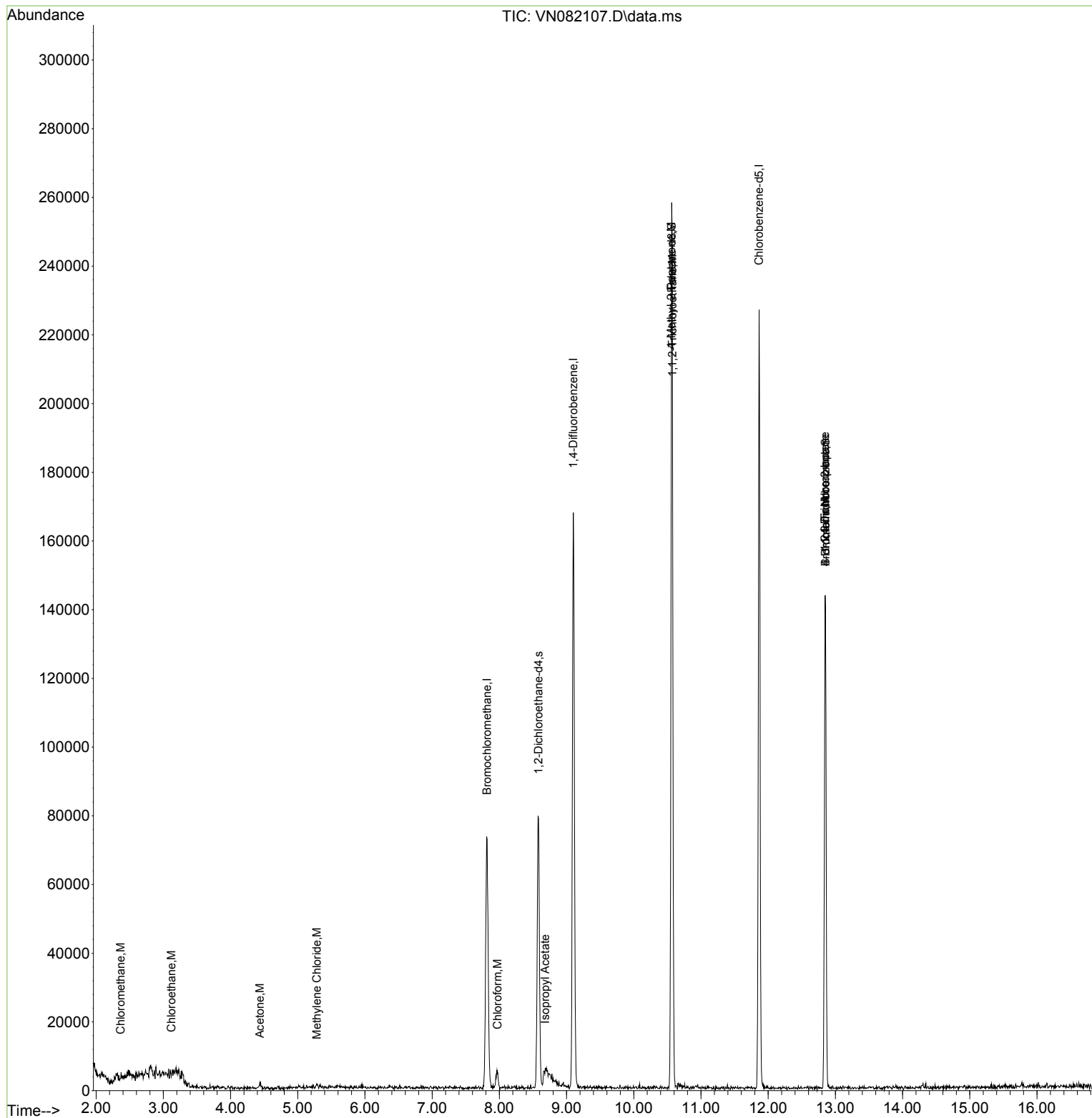
Internal Standards						
1) Bromochloromethane	7.818	128	22434	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	132121	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	113335	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	63549	33.834	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	=	112.767%#	
60) 4-Bromofluorobenzene	12.853	95	48853	25.901	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	=	86.333%	
63) Toluene-d8	10.565	98	163803	30.434	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	=	101.433%	
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	348	0.236	ug/l	# 43
6) Chloroethane	3.118	64	522	0.661	ug/l	# 41
15) Acetone	4.436	58	180	1.027	ug/l	# 1
18) Methylene Chloride	5.283	84	350	0.225	ug/l	# 37
25) Chloroform	7.971	83	1138	0.420	ug/l	# 54
44) Isopropyl Acetate	8.682	43	3848	0.980	ug/l	# 43
50) 1,1,2-Trichloroethane	10.576	97	4939	3.520	ug/l	# 1
56) Bromoform	12.853	173	213	0.229	ug/l	# 1
58) 4-Methyl-2-Pentanone	10.559	43	906	0.412	ug/l	# 28
72) 1,2,3-Trichloropropane	12.847	75	30439	17.374	ug/l	# 1
77) t-1,4-Dichloro-2-butene	12.847	75	30439	39.034	ug/l	# 12

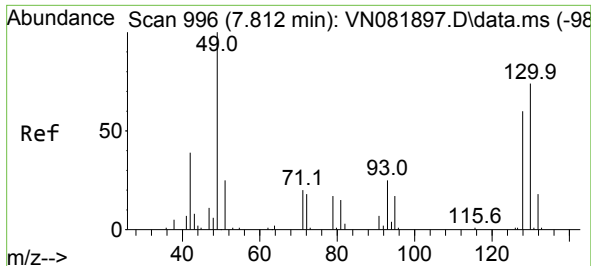
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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240430002-04-TRIP-BLANK

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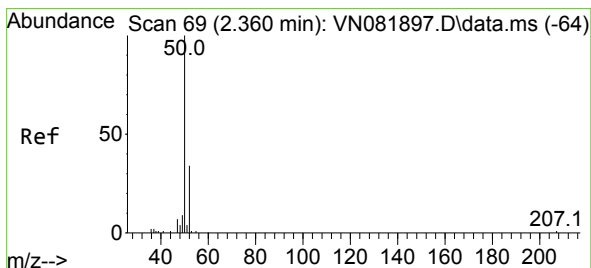
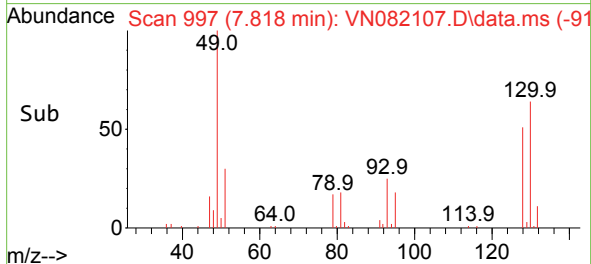
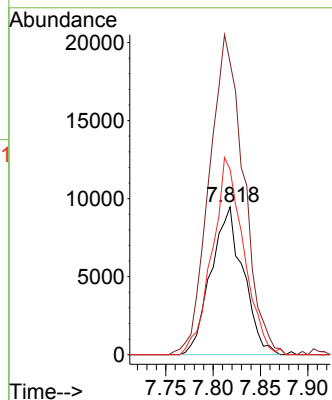
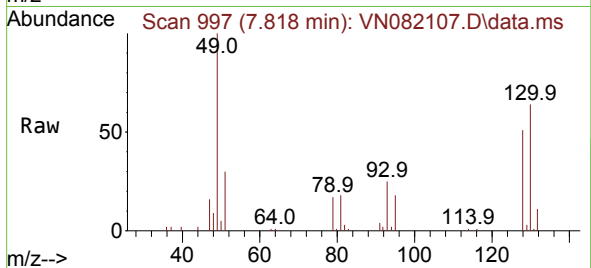




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

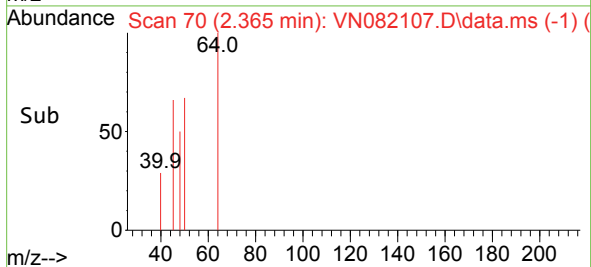
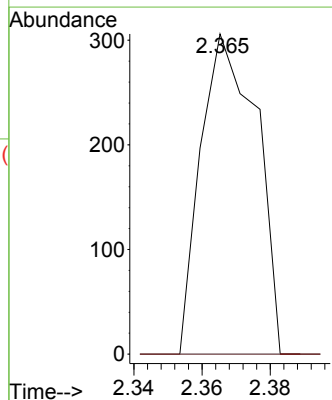
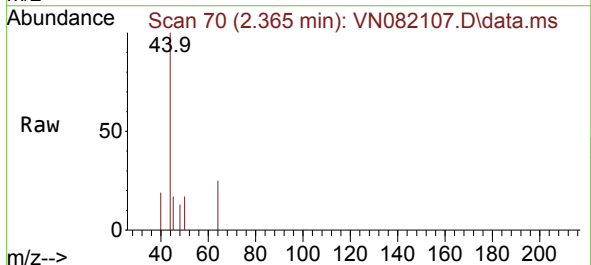
Instrument :
MSVOA_N
ClientSampleId :
240430002-04-TRIP-BLANK

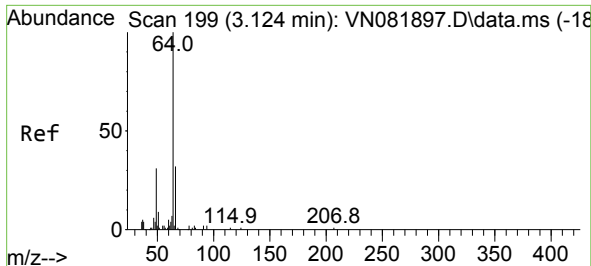
Tgt Ion	Ratio	Lower	Upper
128	100		
49	230.9	0.0	403.7
130	130.0	0.0	323.3



#3
Chloromethane
Concen: 0.236 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

Tgt Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.4	38.0

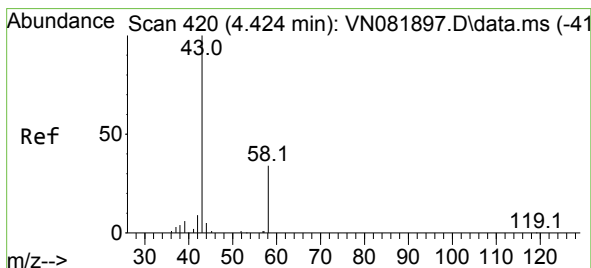
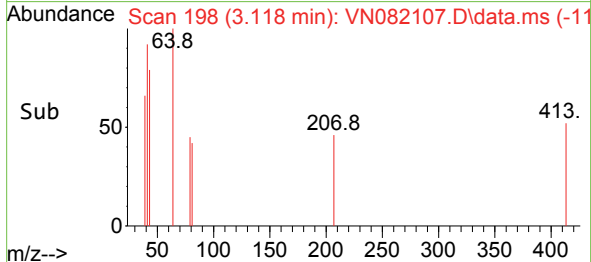
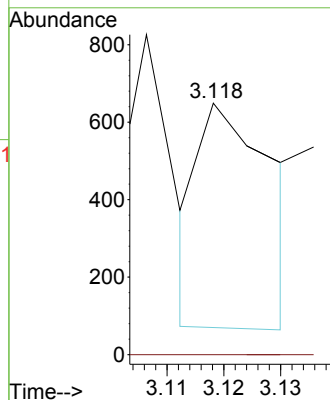
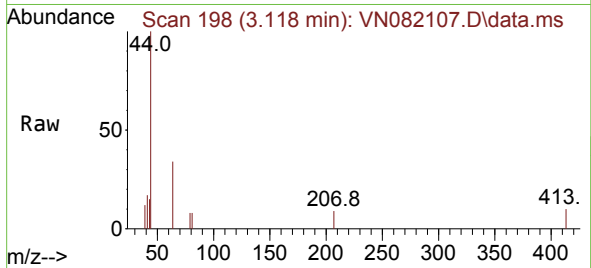




#6
Chloroethane
Concen: 0.661 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

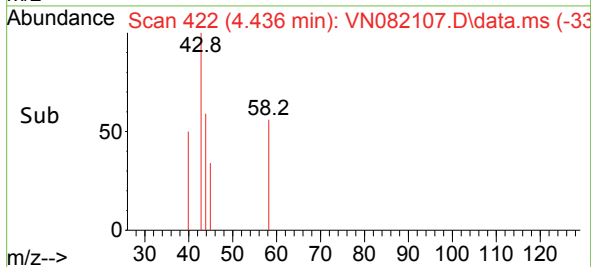
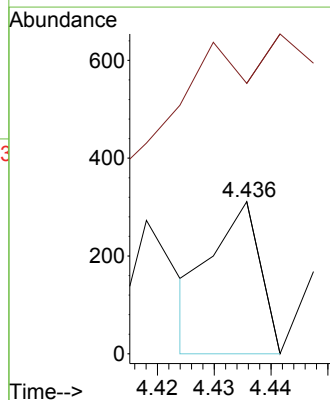
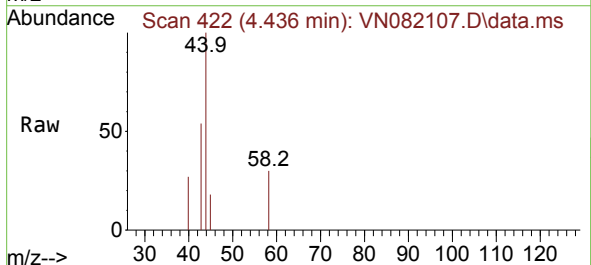
Instrument :
MSVOA_N
ClientSampleId :
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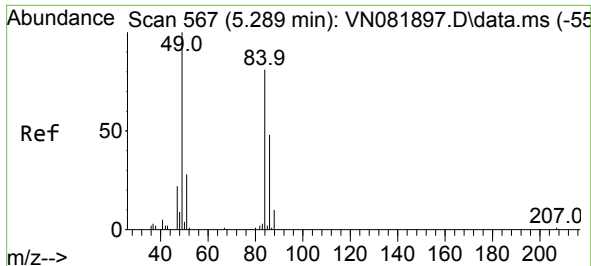
Tgt Ion: 64 Resp: 522
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#15
Acetone
Concen: 1.027 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

Tgt Ion: 58 Resp: 180
Ion Ratio Lower Upper
58 100
43 0.0 223.1 334.7#





#18

Methylene Chloride

Concen: 0.225 ug/l

RT: 5.283 min Scan# 5

Delta R.T. -0.006 min

Lab File: VN082107.D

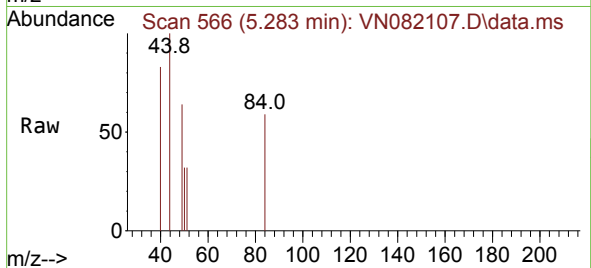
Acq: 13 May 2024 19:33

Instrument :

MSVOA_N

ClientSampleId :

240430002-04-TRIP-BLANK



Tgt Ion: 84 Resp: 350

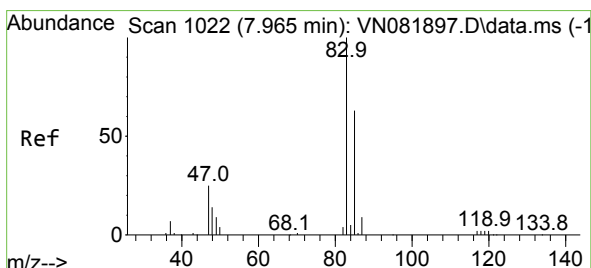
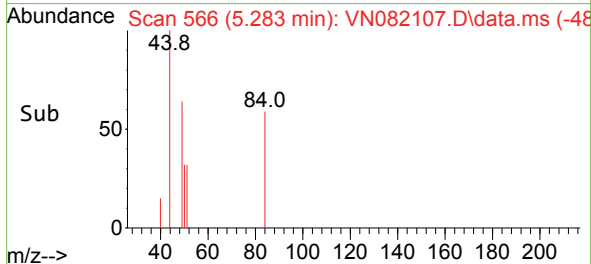
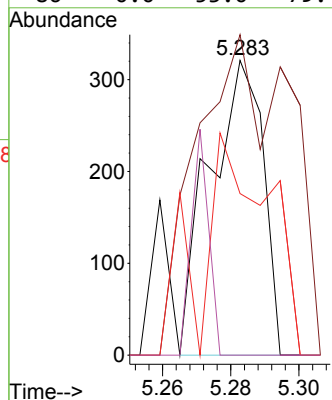
Ion Ratio Lower Upper

84 100

49 54.5 86.0 129.0#

51 0.0 30.0 45.0#

86 0.0 53.0 79.4#



#25

Chloroform

Concen: 0.420 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN082107.D

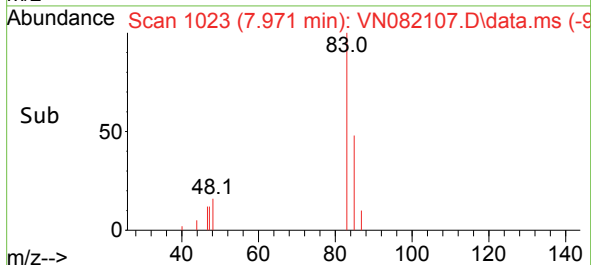
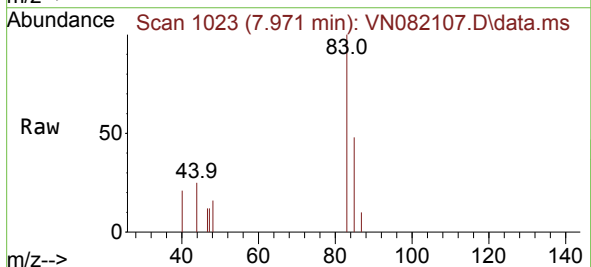
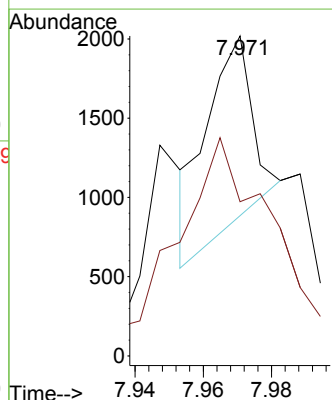
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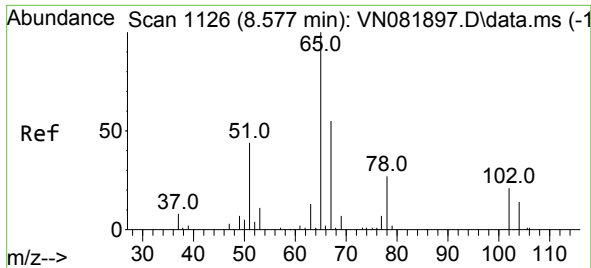
Tgt Ion: 83 Resp: 1138

Ion Ratio Lower Upper

83 100

85 28.0 50.9 76.3#

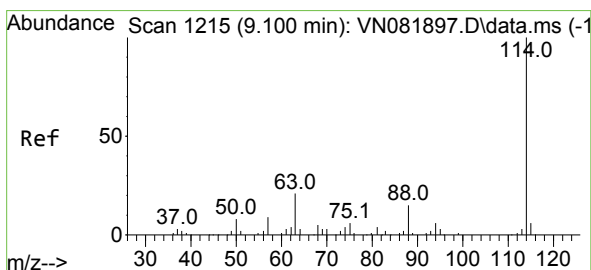
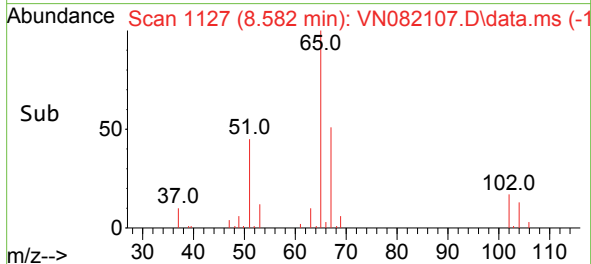
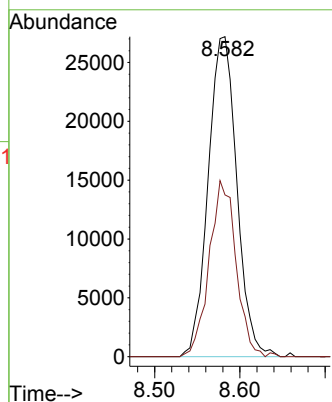
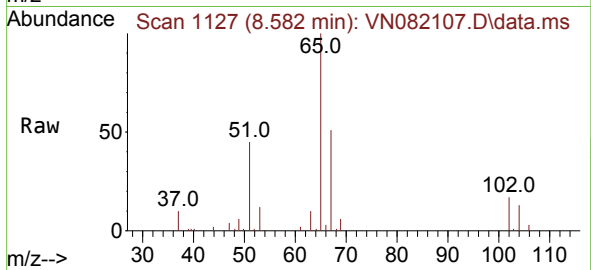




#27
1,2-Dichloroethane-d4
Concen: 33.834 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

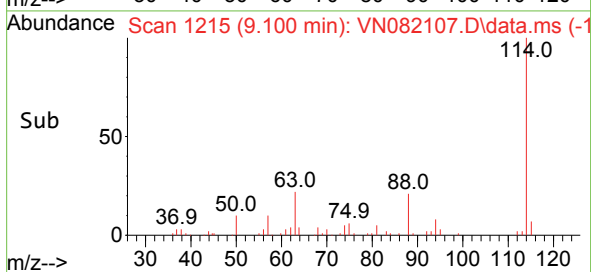
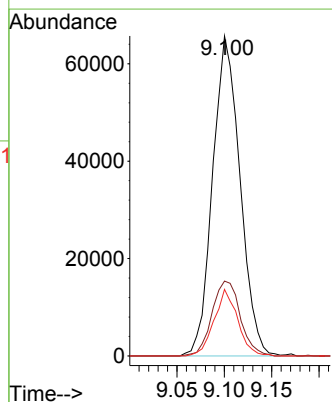
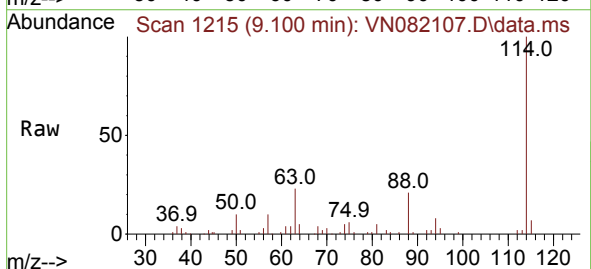
Instrument :
MSVOA_N
ClientSampleId :
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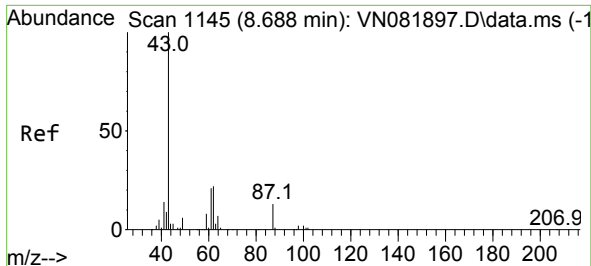
Tgt Ion: 65 Resp: 63549
Ion Ratio Lower Upper
65 100
67 51.2 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

Tgt Ion: 114 Resp: 132121
Ion Ratio Lower Upper
114 100
63 24.2 15.9 23.9#
88 18.0 12.7 19.1

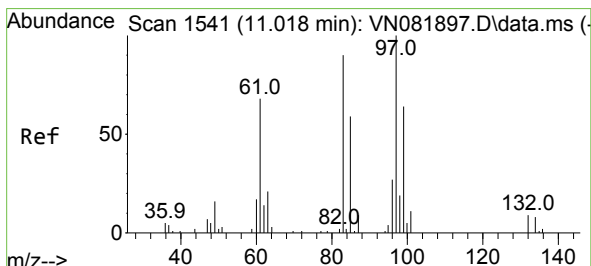
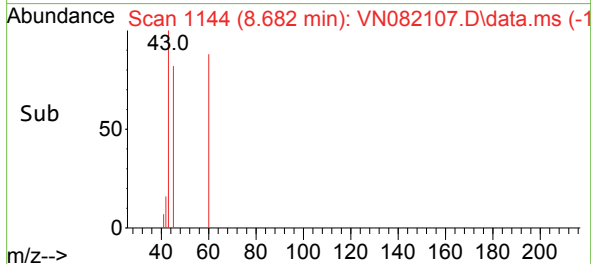
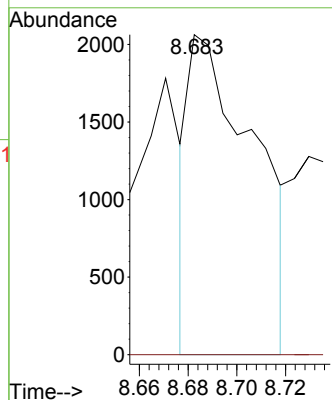
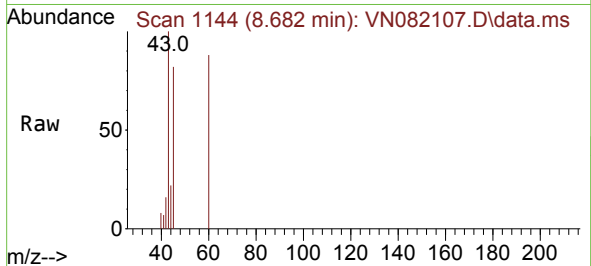




#44
Isopropyl Acetate
Concen: 0.980 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

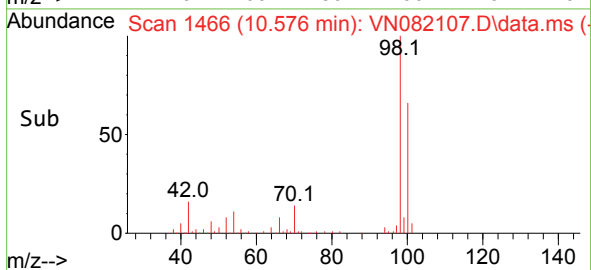
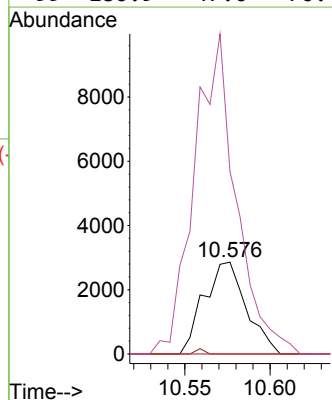
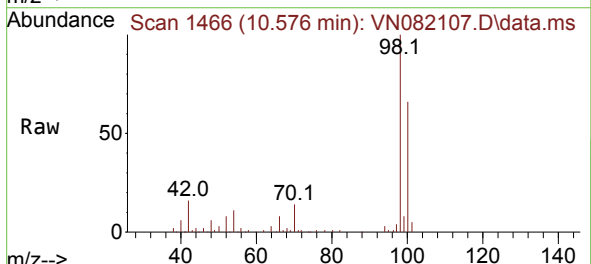
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ClientSampleId :
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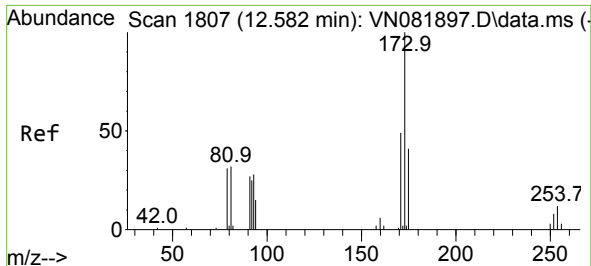
Tgt Ion: 43 Resp: 3848
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.4#



#50
1,1,2-Trichloroethane
Concen: 3.520 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. -0.441 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

Tgt Ion: 97 Resp: 4939
Ion Ratio Lower Upper
97 100
83 0.0 68.1 102.1#
85 0.0 41.8 62.6#
99 180.9 47.0 70.4#

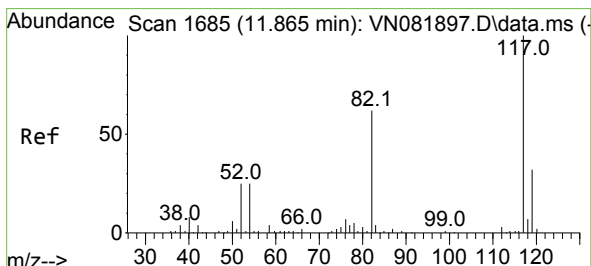
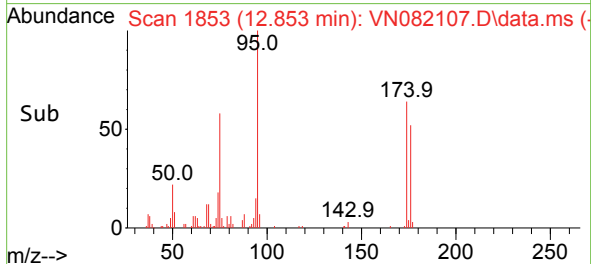
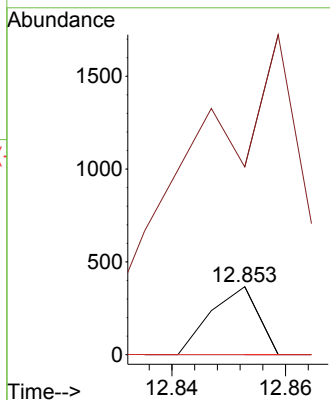
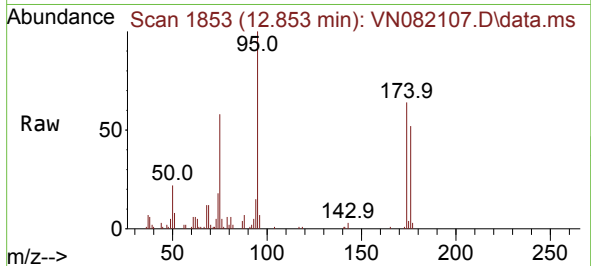




#56
Bromoform
Concen: 0.229 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.270 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

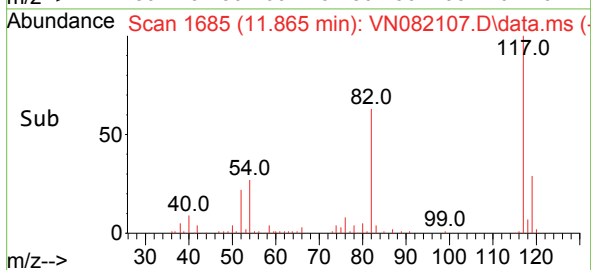
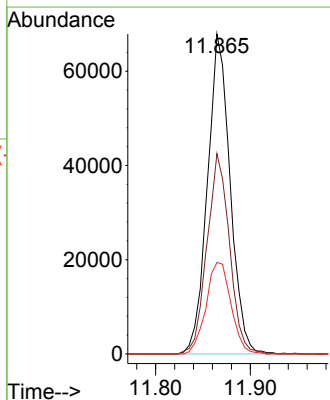
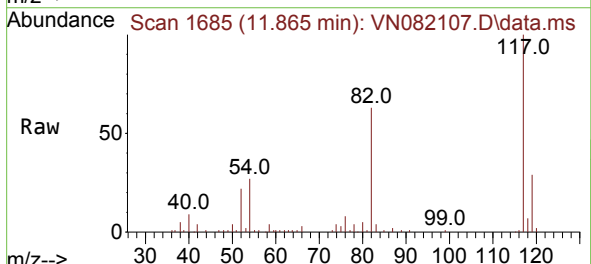
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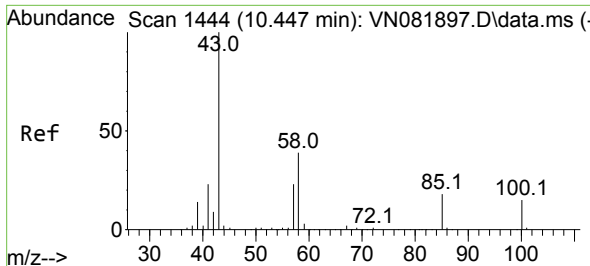
Tgt Ion:173 Resp: 213
Ion Ratio Lower Upper
173 100
175 446.5 40.0 60.0#
254 0.0 8.3 12.5#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

Tgt Ion:117 Resp: 113335
Ion Ratio Lower Upper
117 100
82 62.1 46.6 69.8
119 31.4 25.4 38.2

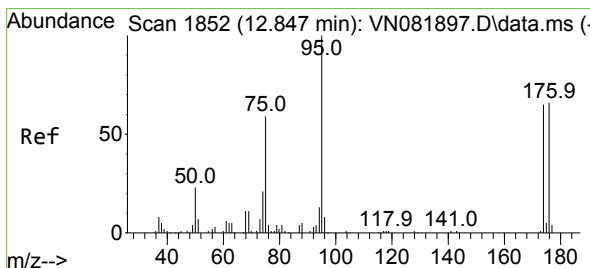
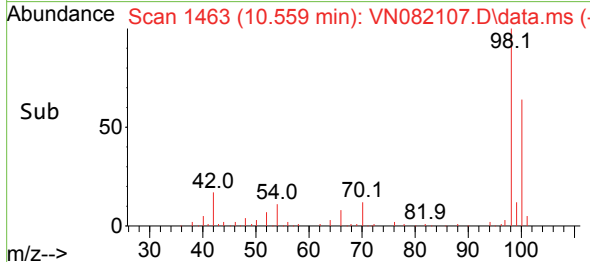
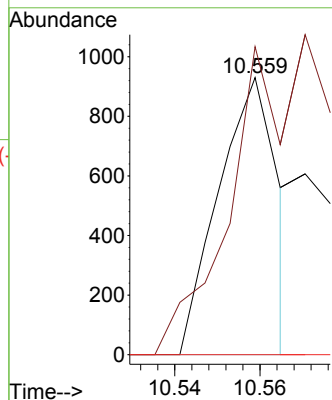
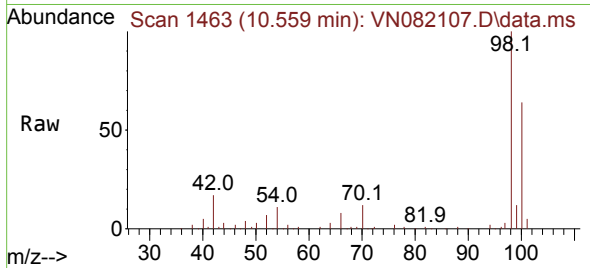




#58
 4-Methyl-2-Pentanone
 Concen: 0.412 ug/l
 RT: 10.559 min Scan# 1444
 Delta R.T. 0.112 min
 Lab File: VN082107.D
 Acq: 13 May 2024 19:33

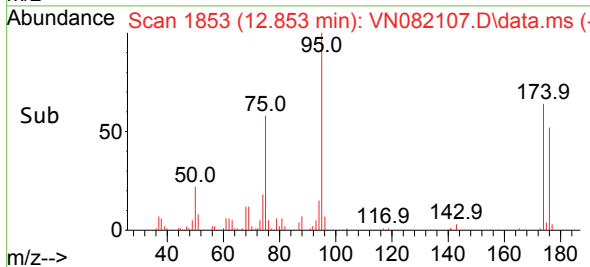
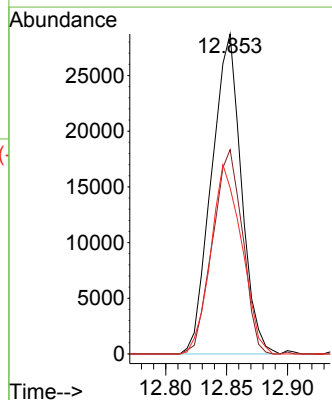
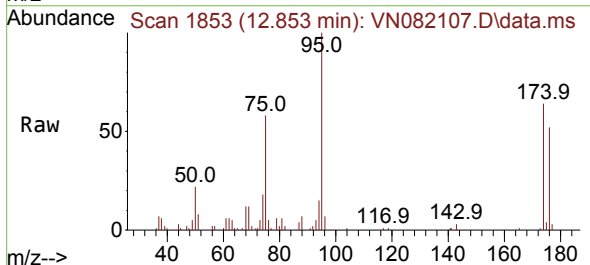
Instrument :
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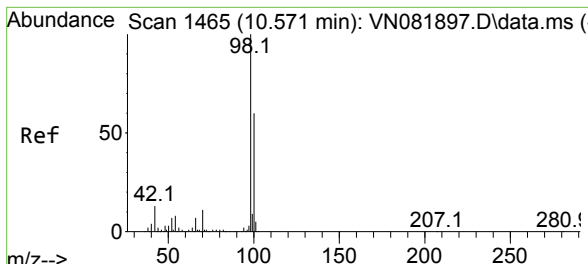
Tgt Ion: 43 Resp: 906
 Ion Ratio Lower Upper
 43 100
 58 101.2 36.5 54.7#
 85 0.0 19.5 29.3#



#60
 4-Bromofluorobenzene
 Concen: 25.901 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN082107.D
 Acq: 13 May 2024 19:33

Tgt Ion: 95 Resp: 48853
 Ion Ratio Lower Upper
 95 100
 174 64.1 60.5 90.7
 176 61.5 57.8 86.6

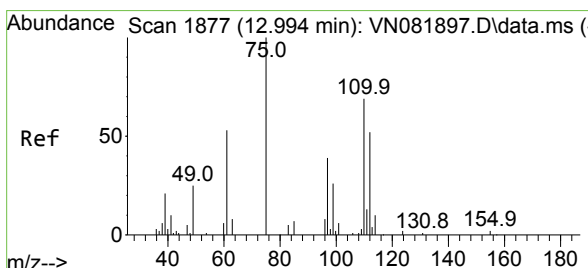
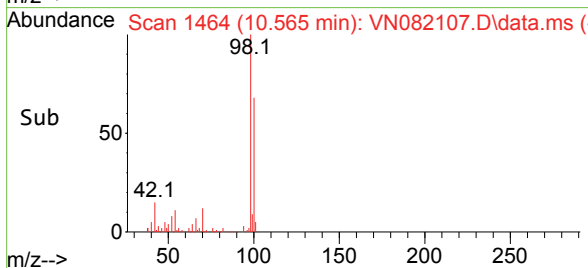
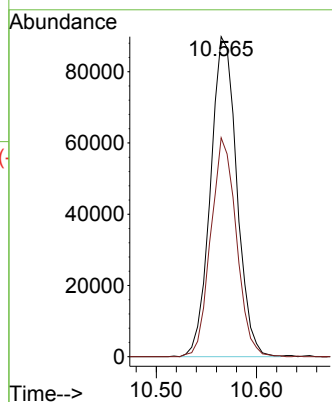
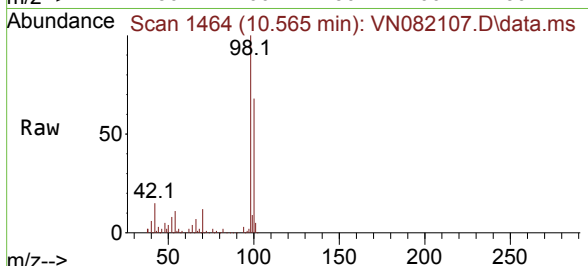




#63
Toluene-d8
Concen: 30.434 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

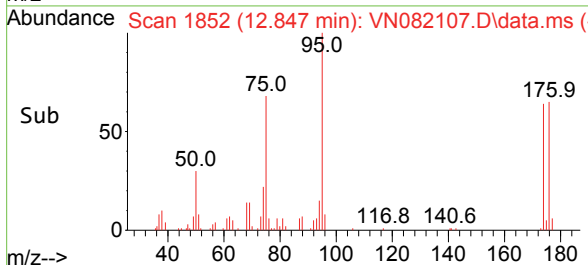
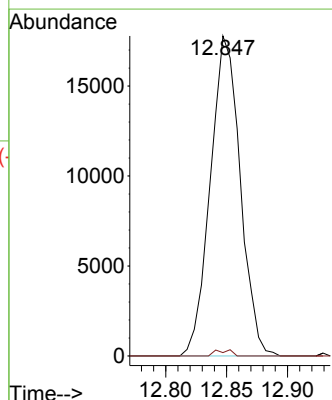
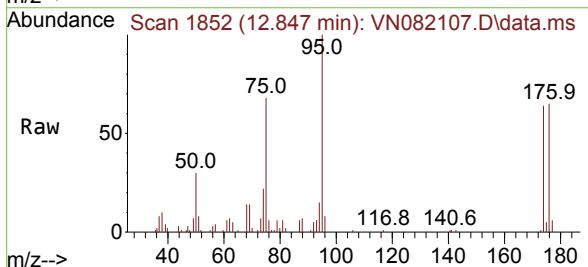
Instrument :
MSVOA_N
ClientSampleId :
240430002-04-TRIP-BLANK

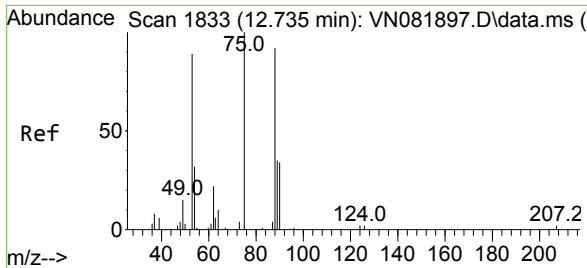
Tgt Ion: 98 Resp: 163803
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 17.374 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082107.D
Acq: 13 May 2024 19:33

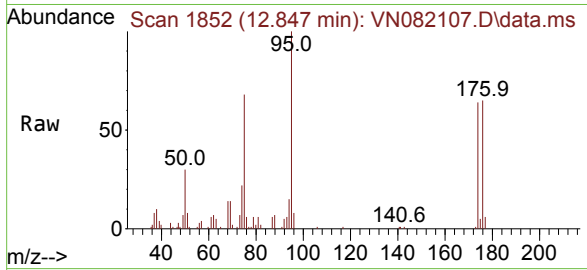
Tgt Ion: 75 Resp: 30439
Ion Ratio Lower Upper
75 100
77 1.0 0.0 367.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 39.034 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082107.D
 Acq: 13 May 2024 19:33

Instrument :
 MSVOA_N
 ClientSampleId :
 240430002-04-TRIP-BLANK



Tgt Ion: 75 Resp: 30439
 Ion Ratio Lower Upper
 75 100
 53 0.0 45.9 137.7#
 89 0.0 25.9 77.7#

