

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081633.D
 Acq On : 29 Mar 2024 22:16
 Operator : JC\MD
 Sample : P1928-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Mar 30 00:36:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

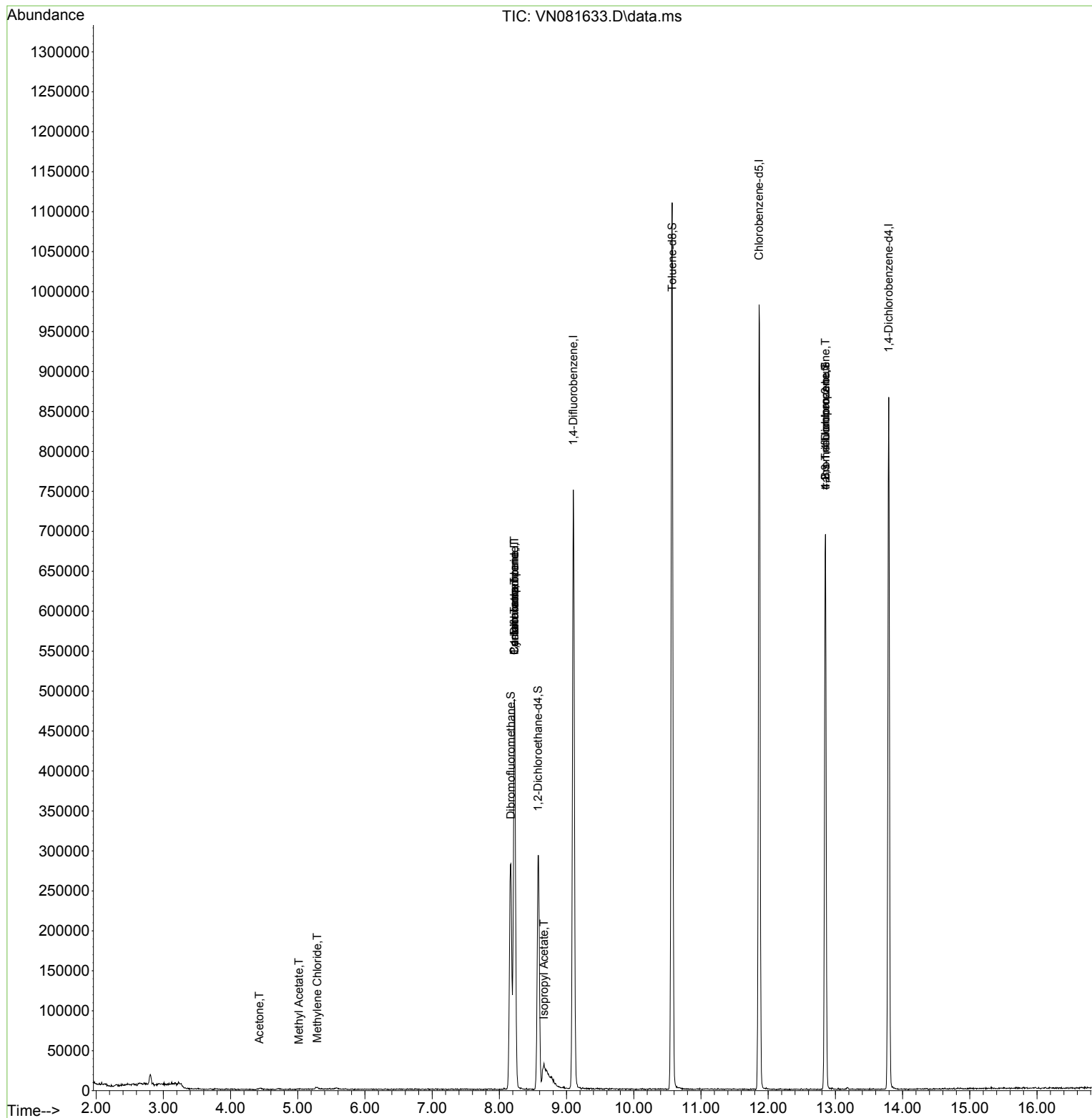
Internal Standards						
1) Pentafluorobenzene	8.224	168	341760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	658942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	581326	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	244724	56.151	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125		Recovery	= 112.300%	
35) Dibromofluoromethane	8.171	113	207517	49.901	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124		Recovery	= 99.800%	
50) Toluene-d8	10.571	98	772686	51.400	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113		Recovery	= 102.800%	
62) 4-Bromofluorobenzene	12.853	95	239604	45.234	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133		Recovery	= 90.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	3627	2.575	ug/l	93
18) Methyl Acetate	5.018	43	1016	0.234	ug/l #	73
20) Methylene Chloride	5.289	84	1322	0.287	ug/l #	62
31) Cyclohexane	8.224	56	8864	1.250	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	29306	4.188	ug/l #	51
38) Carbon Tetrachloride	8.224	117	37641	4.910	ug/l #	20
43) Isopropyl Acetate	8.665	43	23958	2.412	ug/l #	60
76) 1,2,3-Trichloropropane	12.853	75	125813	22.753	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	125813	61.487	ug/l #	14

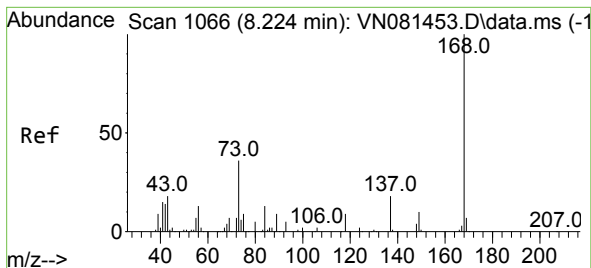
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081633.D

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Instrument :

MSVOA_N

ClientSampleId :

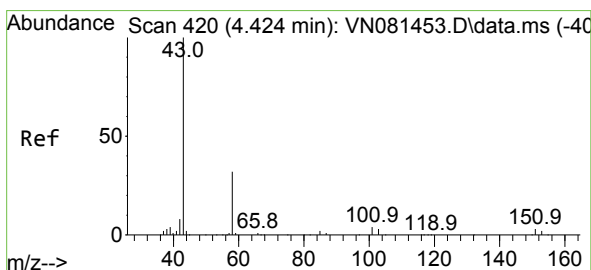
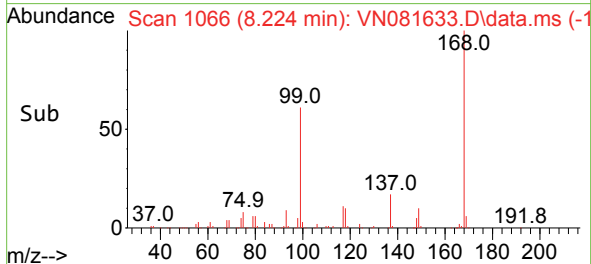
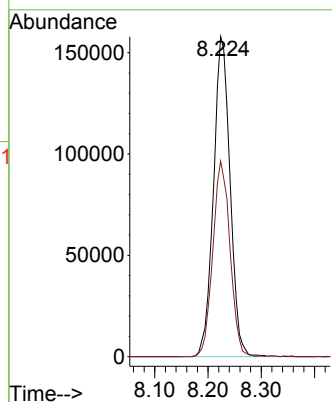
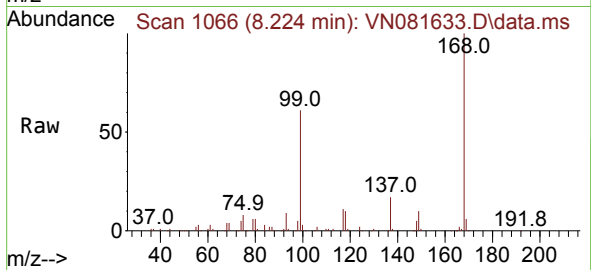
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 341760

Ion Ratio Lower Upper

168 100

99 61.1 59.9 89.9



#16

Acetone

Concen: 2.575 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN081633.D

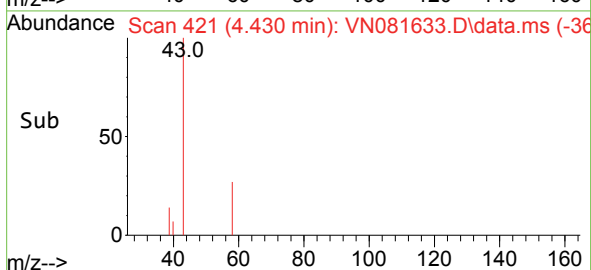
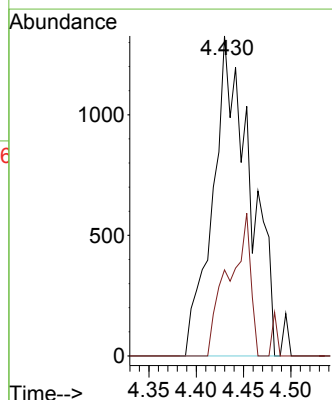
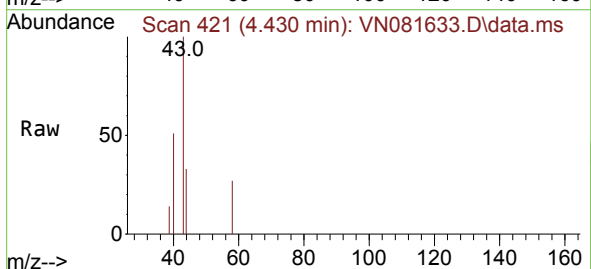
Acq: 29 Mar 2024 22:16

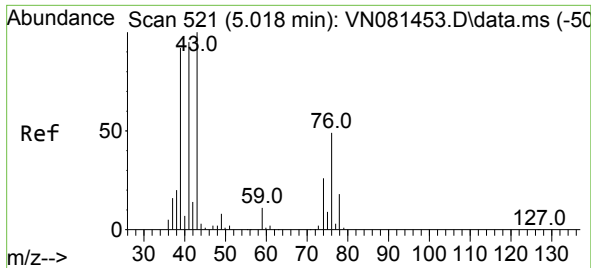
Tgt Ion: 43 Resp: 3627

Ion Ratio Lower Upper

43 100

58 26.9 24.8 37.2

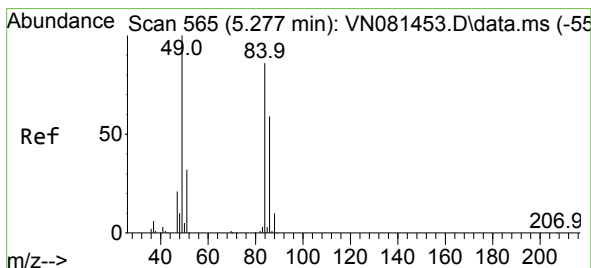
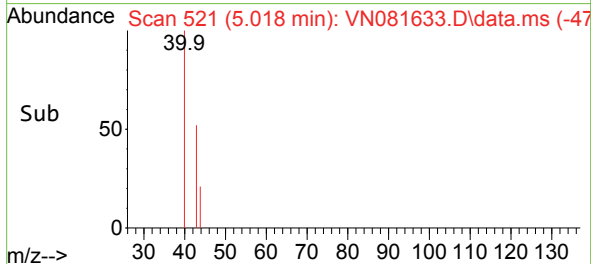
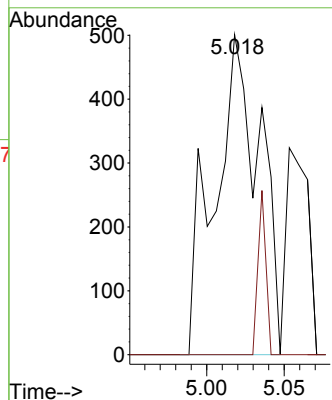
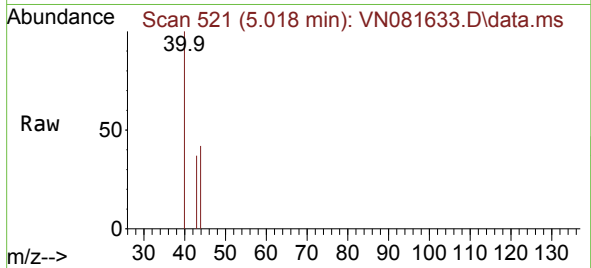




#18
Methyl Acetate
Concen: 0.234 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081633.D
Acq: 29 Mar 2024 22:16

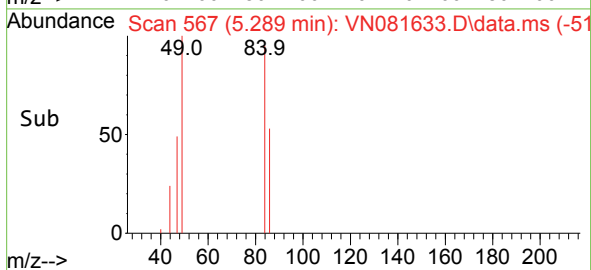
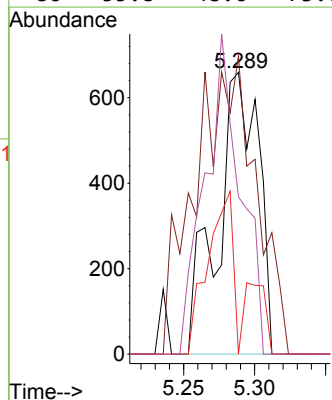
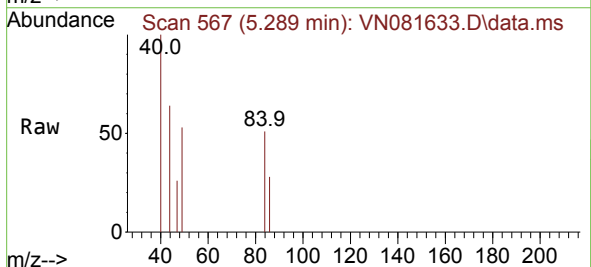
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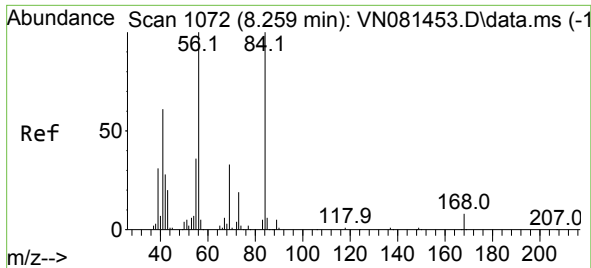
Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
74 9.0 17.3 25.9#



#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN081633.D
Acq: 29 Mar 2024 22:16

Tgt Ion: 84 Resp: 1322
Ion Ratio Lower Upper
84 100
49 82.2 108.1 162.1#
51 0.0 32.9 49.3#
86 55.8 48.6 73.0

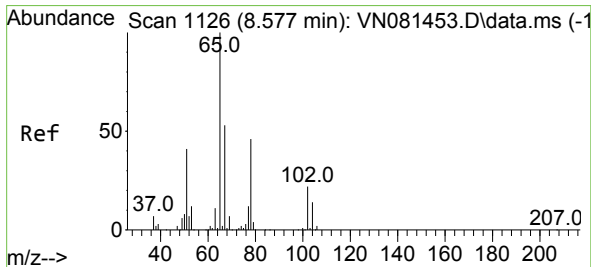
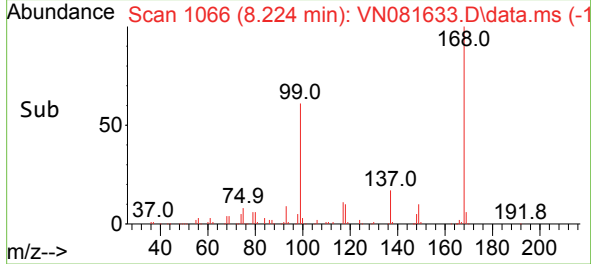
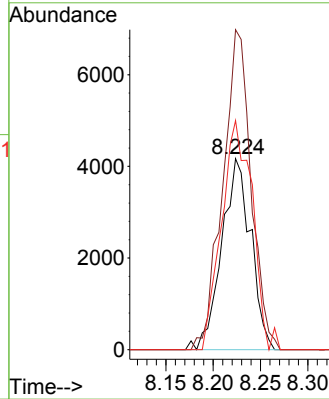
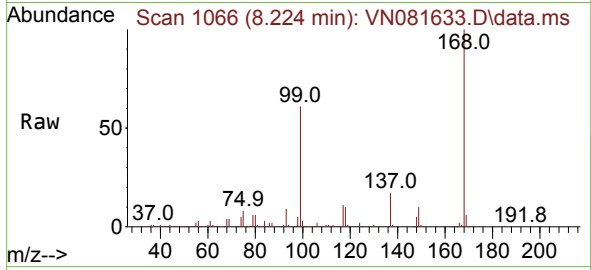




#31
Cyclohexane
Concen: 1.250 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081633.D
Acq: 29 Mar 2024 22:16

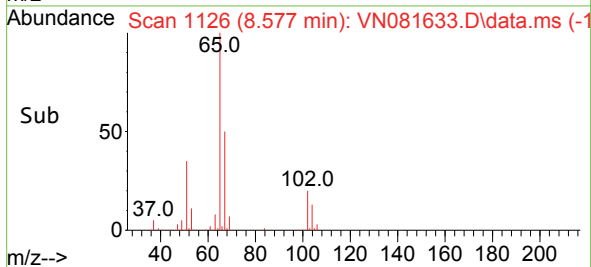
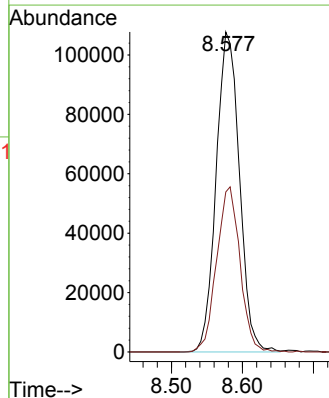
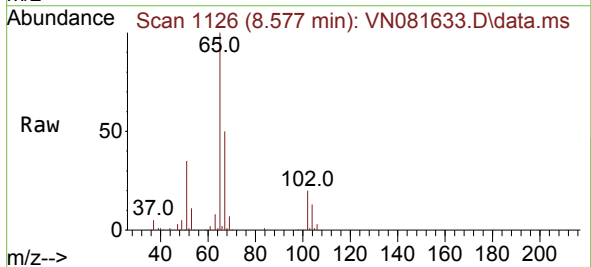
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

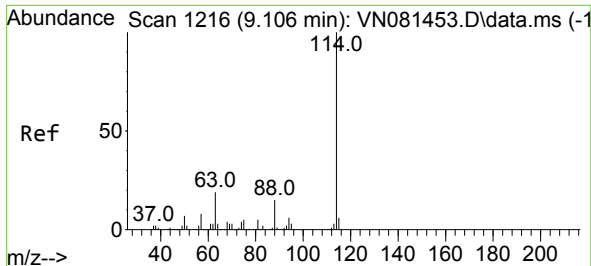
Tgt Ion:	56	Resp:	8864
Ion	Ratio	Lower	Upper
56	100		
69	167.4	20.1	30.1#
84	119.9	56.9	85.3#



#33
1,2-Dichloroethane-d4
Concen: 56.151 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081633.D
Acq: 29 Mar 2024 22:16

Tgt Ion:	65	Resp:	244724
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.4

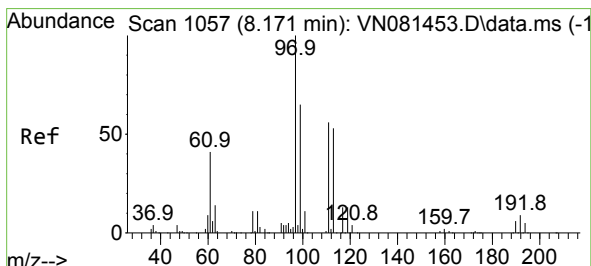
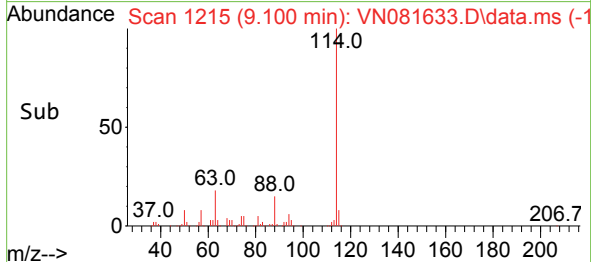
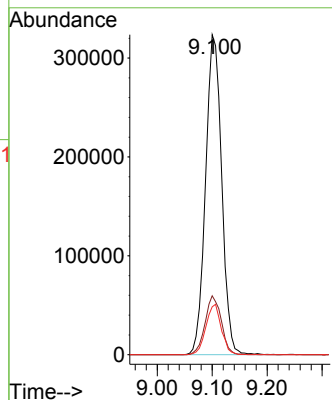
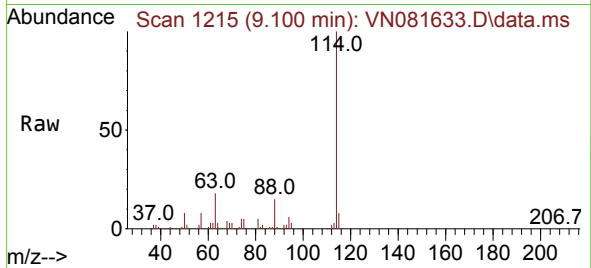




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081633.D
Acq: 29 Mar 2024 22:16

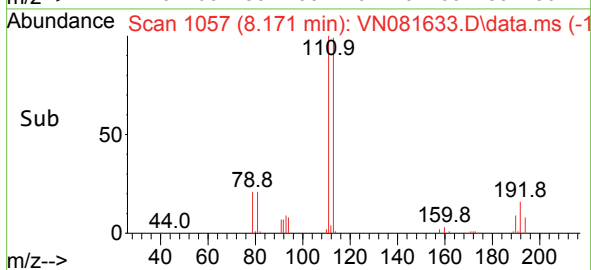
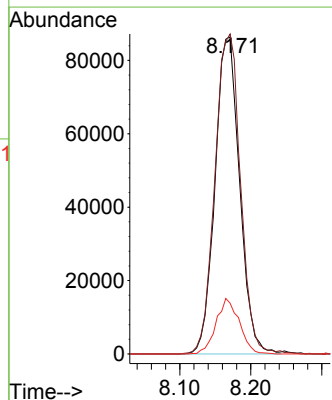
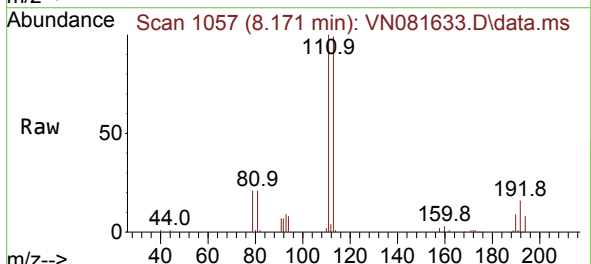
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

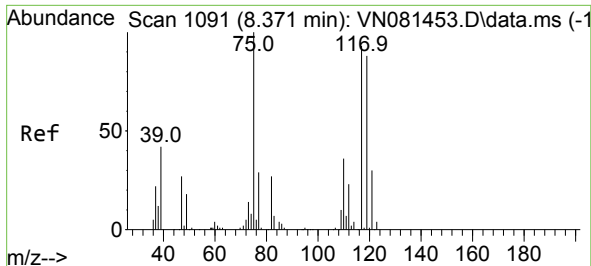
Tgt Ion:114 Resp: 658942
Ion Ratio Lower Upper
114 100
63 18.4 0.0 48.0
88 15.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.901 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081633.D
Acq: 29 Mar 2024 22:16

Tgt Ion:113 Resp: 207517
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 16.5 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.188 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081633.D

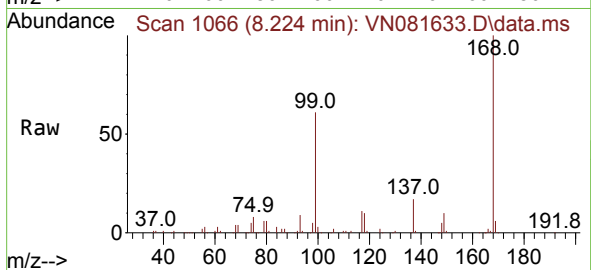
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Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



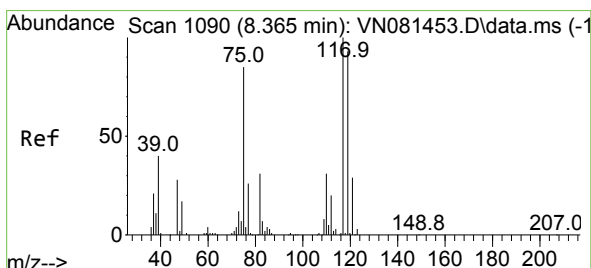
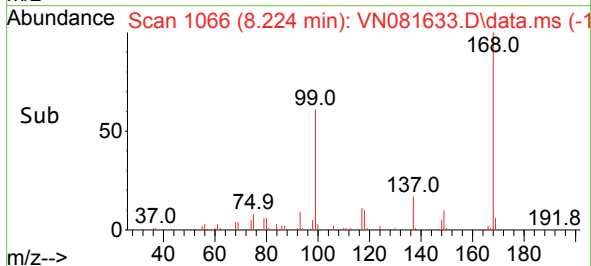
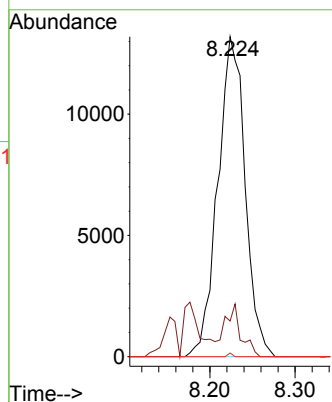
Tgt Ion: 75 Resp: 29306

Ion Ratio Lower Upper

75 100

110 9.8 16.0 48.0#

77 0.2 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 4.910 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081633.D

Acq: 29 Mar 2024 22:16

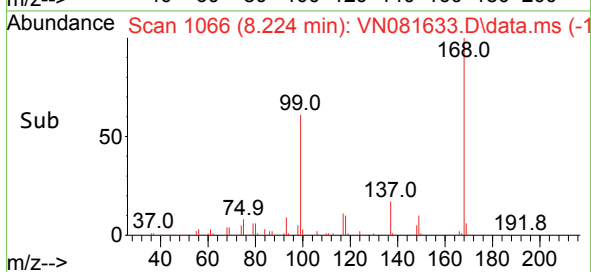
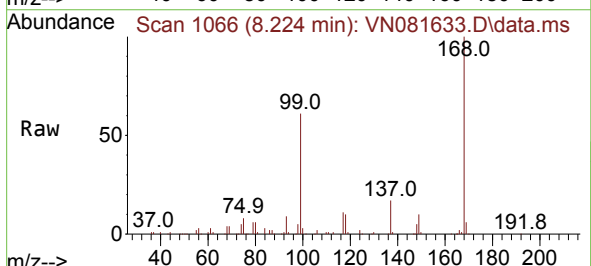
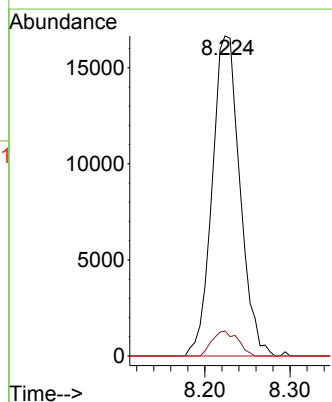
Tgt Ion: 117 Resp: 37641

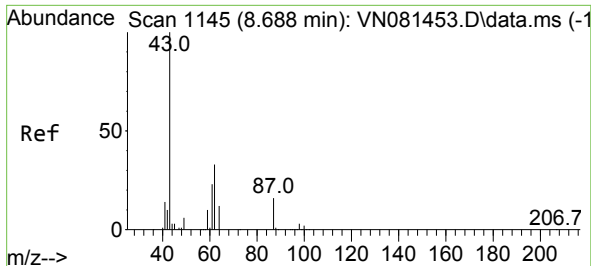
Ion Ratio Lower Upper

117 100

119 7.8 73.4 110.2#

121 0.0 24.4 36.6#

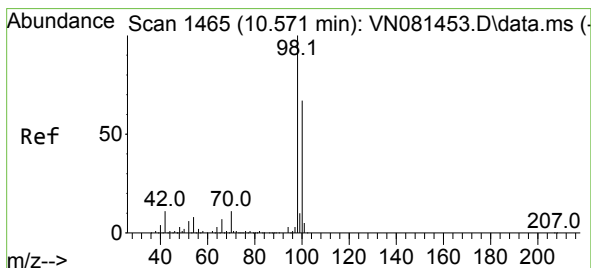
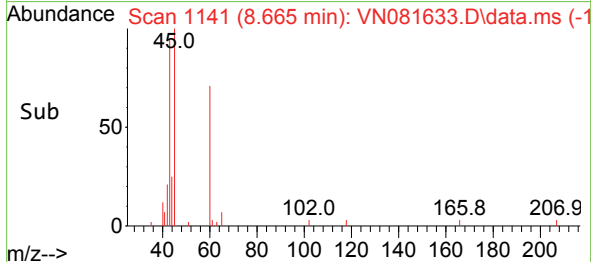
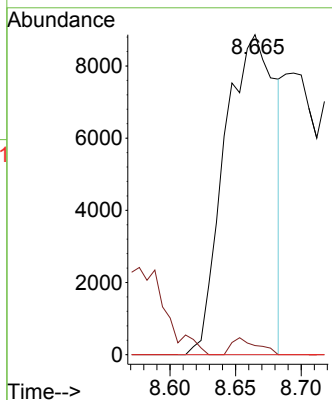
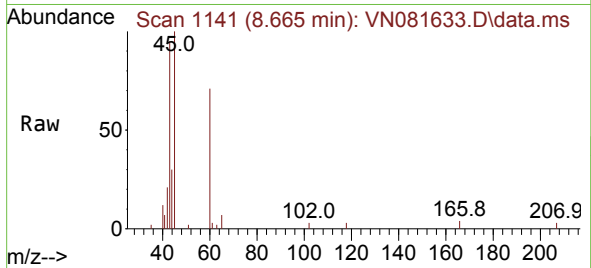




#43
Isopropyl Acetate
Concen: 2.412 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN081633.D
Acq: 29 Mar 2024 22:16

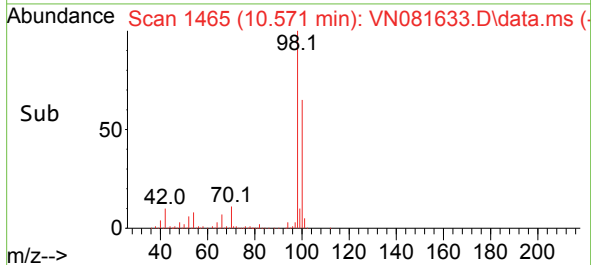
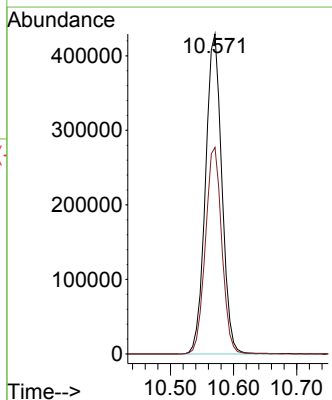
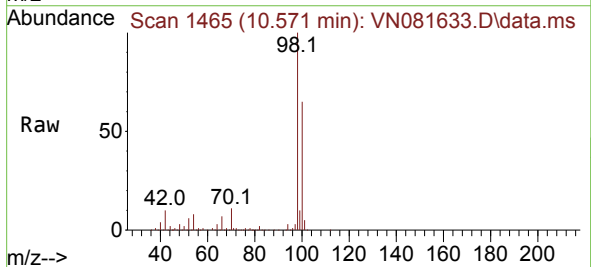
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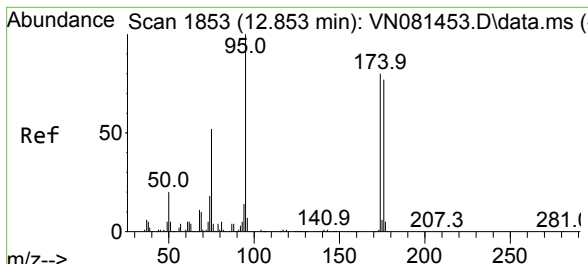
Tgt Ion: 43 Resp: 23958
Ion Ratio Lower Upper
43 100
61 2.7 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.400 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081633.D
Acq: 29 Mar 2024 22:16

Tgt Ion: 98 Resp: 772686
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

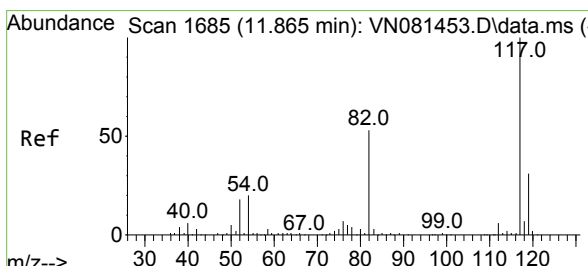
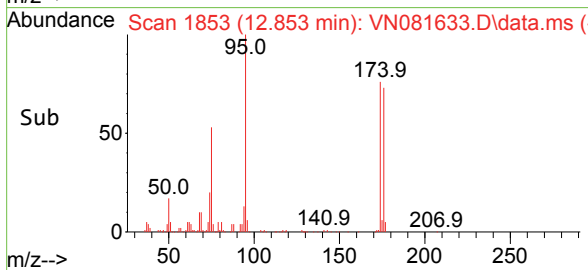
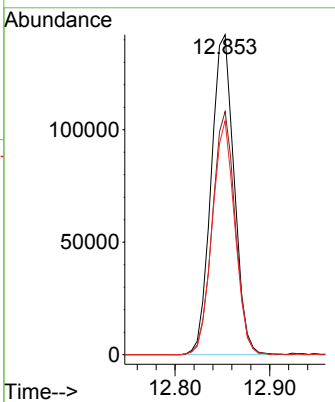
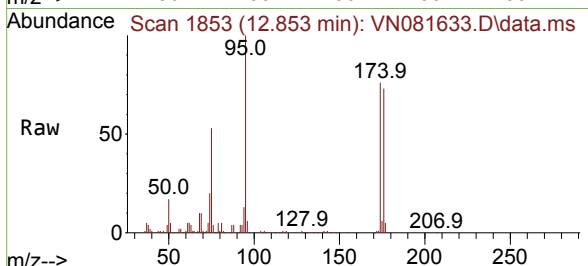




#62
 4-Bromofluorobenzene
 Concen: 45.234 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081633.D
 Acq: 29 Mar 2024 22:16

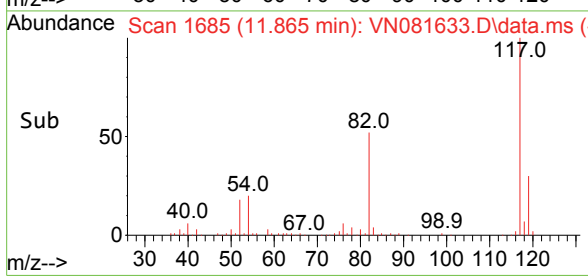
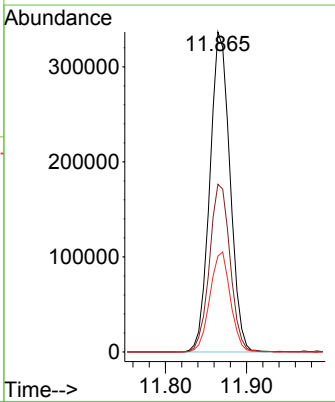
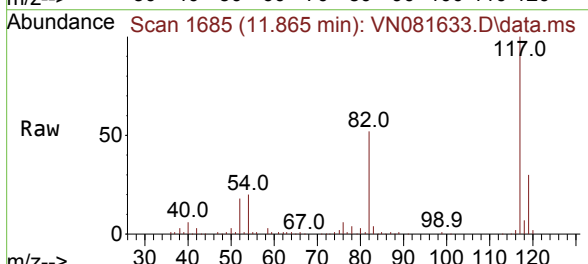
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

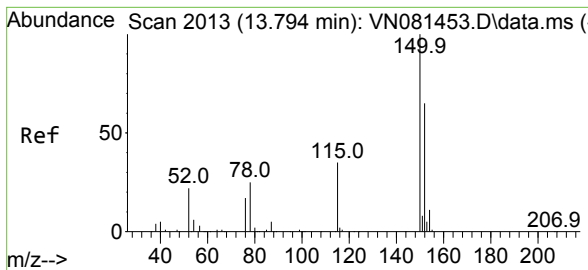
Tgt Ion:	95	Resp:	239604
Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	120.4
176	72.2	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081633.D
 Acq: 29 Mar 2024 22:16

Tgt Ion:	117	Resp:	581326
Ion	Ratio	Lower	Upper
117	100		
82	52.4	52.7	79.1#
119	29.9	25.3	37.9

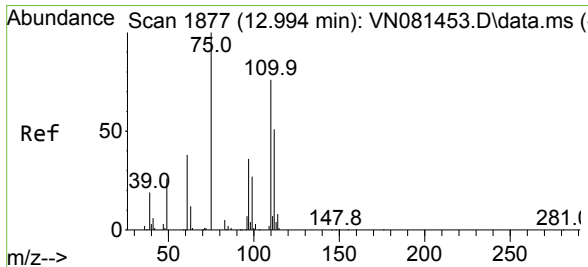
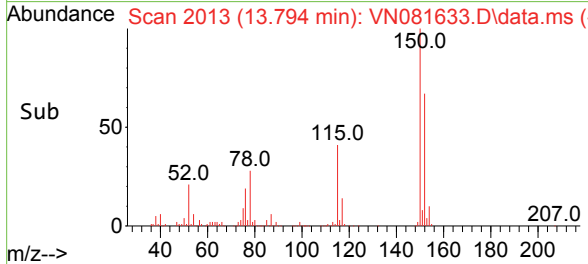
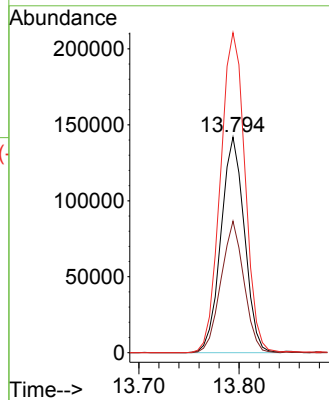
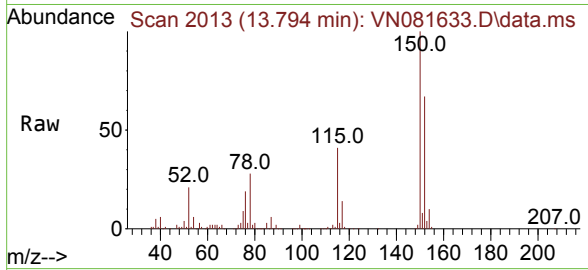




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081633.D
 Acq: 29 Mar 2024 22:16

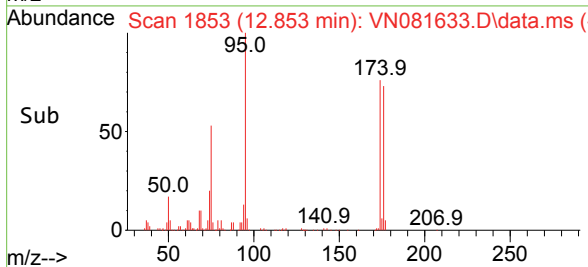
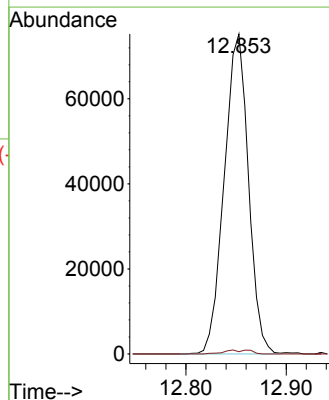
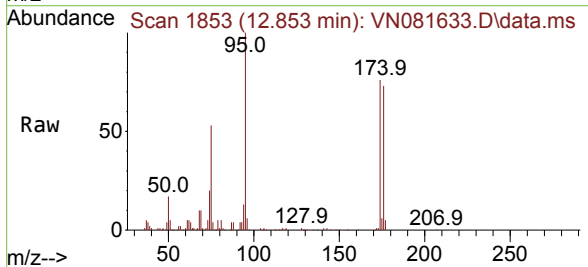
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

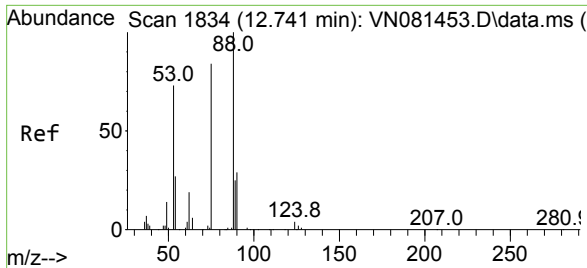
Tgt Ion:152 Resp: 231158
 Ion Ratio Lower Upper
 152 100
 115 59.5 32.3 96.8
 150 155.9 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 22.753 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081633.D
 Acq: 29 Mar 2024 22:16

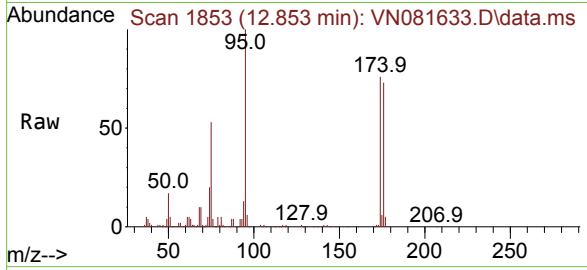
Tgt Ion: 75 Resp: 125813
 Ion Ratio Lower Upper
 75 100
 77 0.8 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.487 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081633.D
 Acq: 29 Mar 2024 22:16

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



Tgt Ion: 75 Resp: 125813
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 33.4 50.0#

