

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082743.D
 Acq On : 28 Jun 2024 11:26
 Operator : JC\MD
 Sample : VN0628WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 28 23:02:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

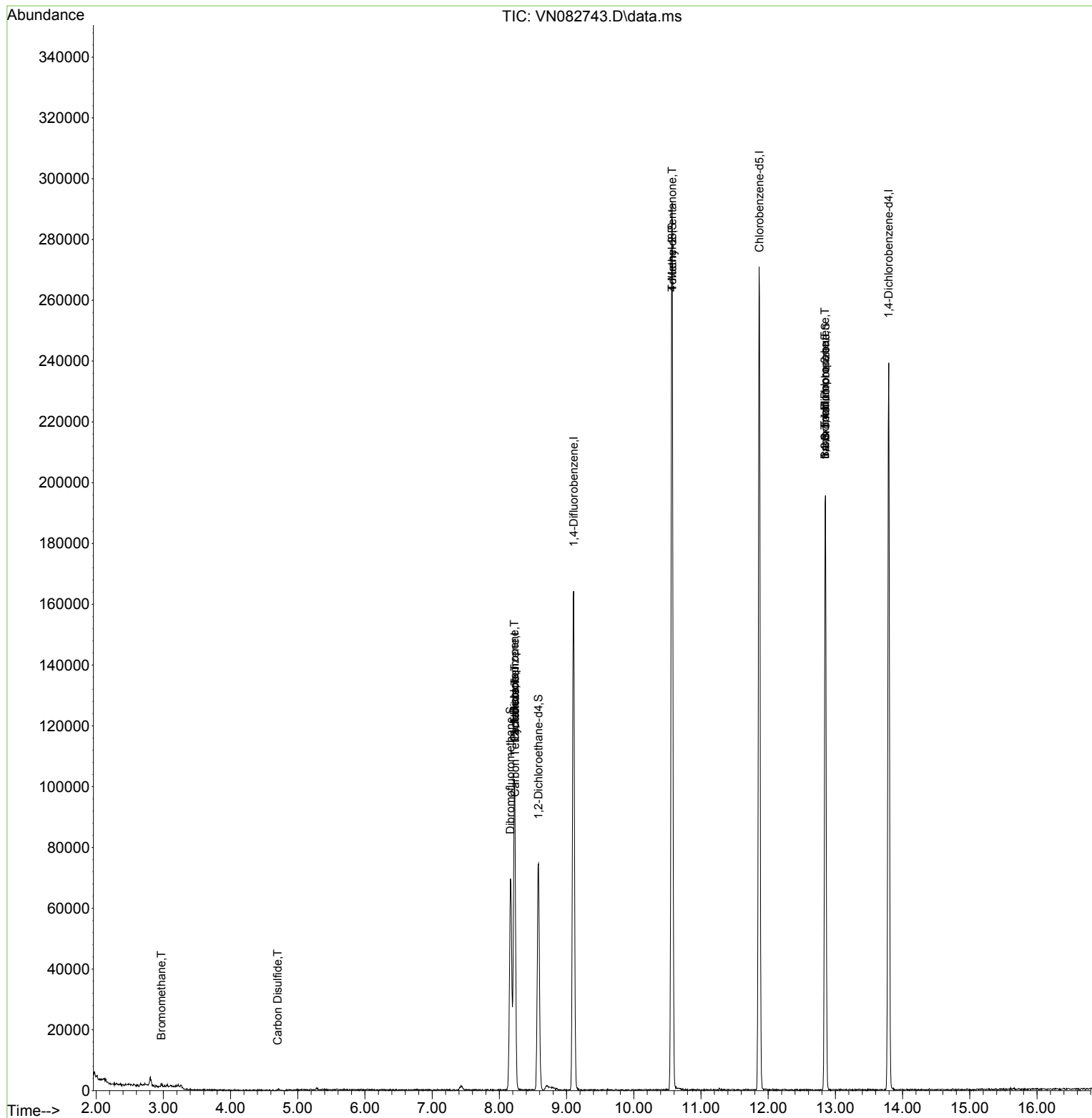
Internal Standards						
1) Pentafluorobenzene	8.229	168	72190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	139345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	150300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	61338	55.097	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.200%	
35) Dibromofluoromethane	8.165	113	49456	53.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.820%	
50) Toluene-d8	10.571	98	200372	58.400	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 116.800%#	
62) 4-Bromofluorobenzene	12.853	95	63514	53.904	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.800%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	565	0.650	ug/l #	76
17) Carbon Disulfide	4.700	76	546	0.207	ug/l #	75
31) Cyclohexane	8.229	56	2065	1.316	ug/l #	46
36) 1,1-Dichloropropene	8.224	75	6673	5.060	ug/l #	52
38) Carbon Tetrachloride	8.235	117	7695	4.989	ug/l #	13
51) 4-Methyl-2-Pentanone	10.571	43	751	0.515	ug/l #	1
71) Bromoform	12.847	173	429	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	36838	27.332	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	36838	71.280	ug/l #	6

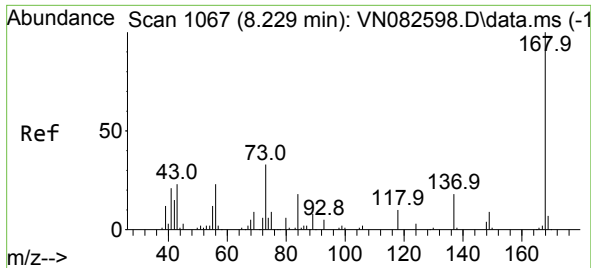
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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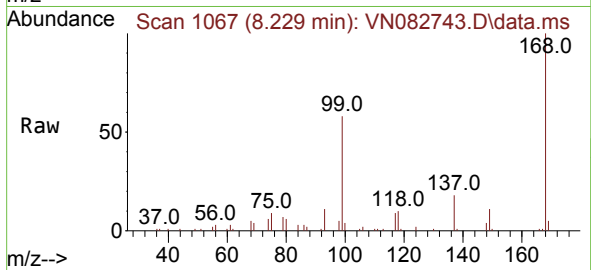
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



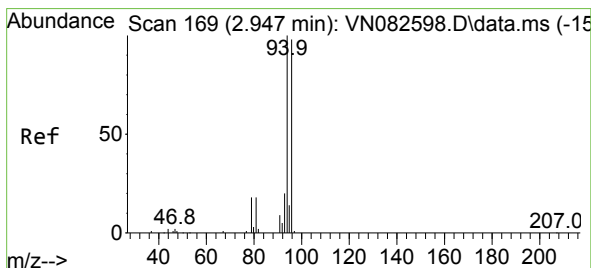
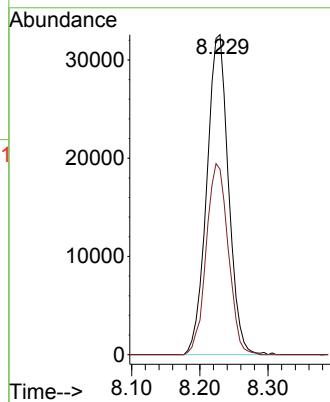
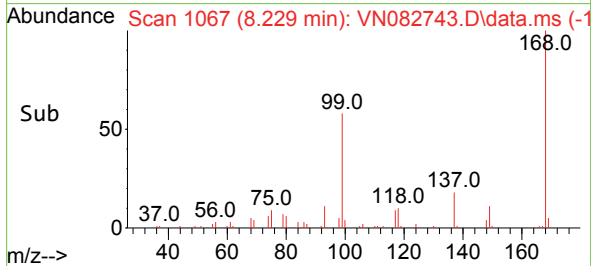


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN082743.D
Acq: 28 Jun 2024 11:26

Instrument :
MSVOA_N
ClientSampleId :

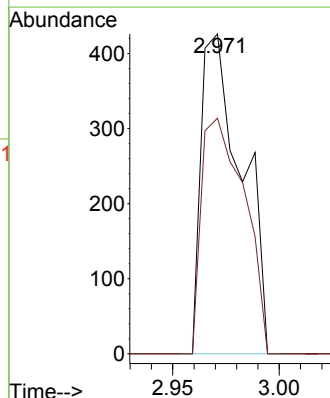
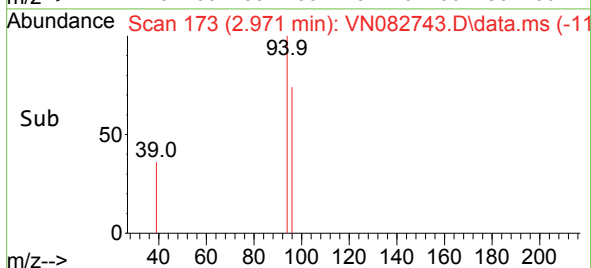
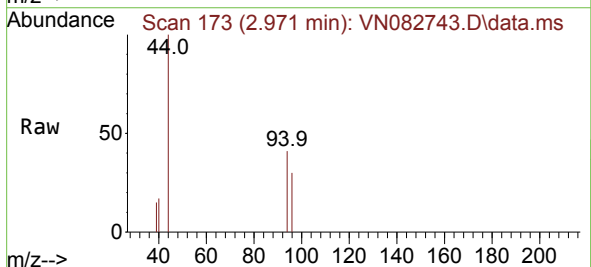


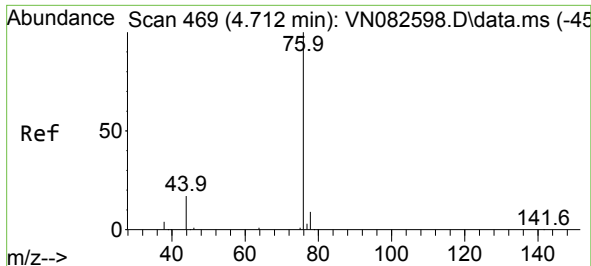
Tgt Ion:168 Resp: 72190
Ion Ratio Lower Upper
168 100
99 57.9 48.2 72.4



#5
Bromomethane
Concen: 0.650 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082743.D
Acq: 28 Jun 2024 11:26

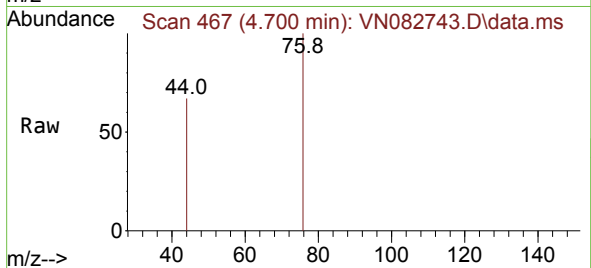
Tgt Ion: 94 Resp: 565
Ion Ratio Lower Upper
94 100
96 73.7 78.0 117.0#



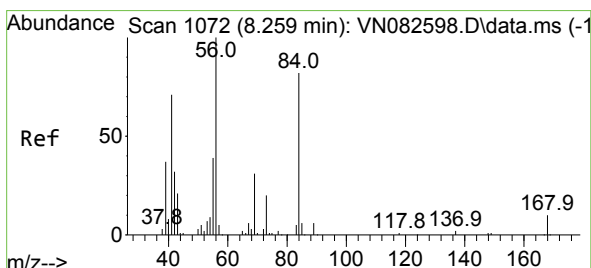
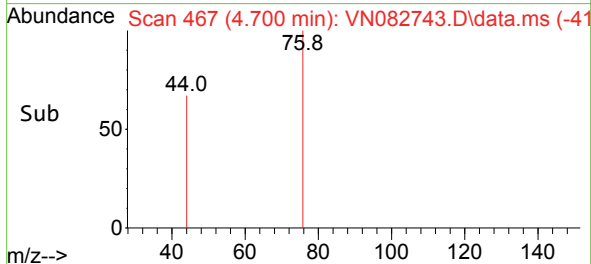
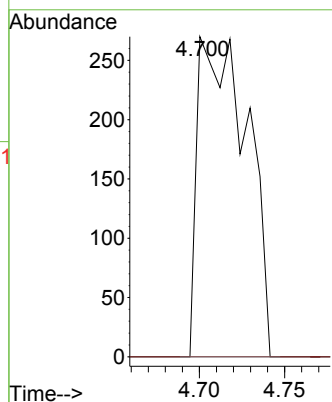


#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN082743.D
Acq: 28 Jun 2024 11:26

Instrument :
MSVOA_N
ClientSampleId :

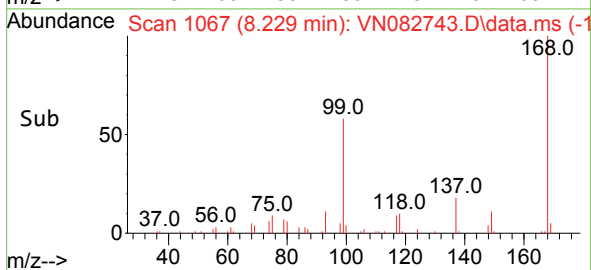
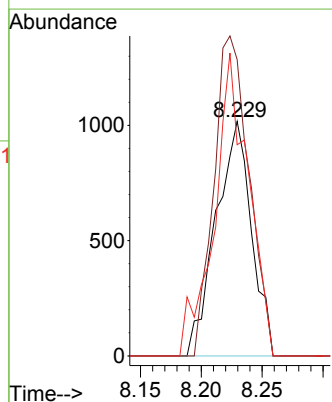
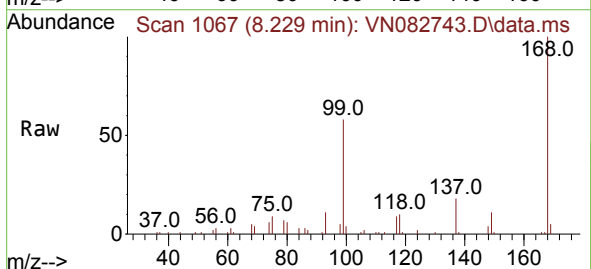


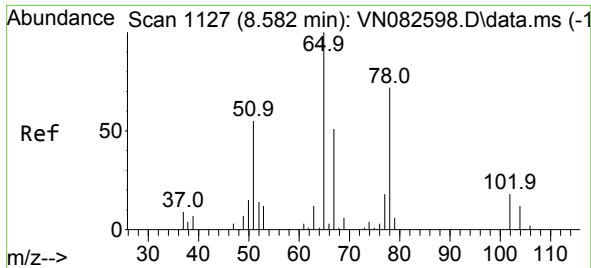
Tgt Ion: 76 Resp: 546
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.316 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082743.D
Acq: 28 Jun 2024 11:26

Tgt Ion: 56 Resp: 2065
Ion Ratio Lower Upper
56 100
69 126.4 24.5 36.7#
84 90.1 66.0 99.0

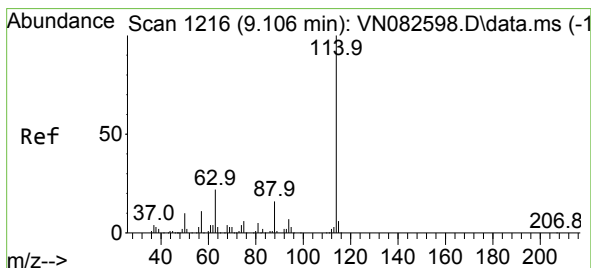
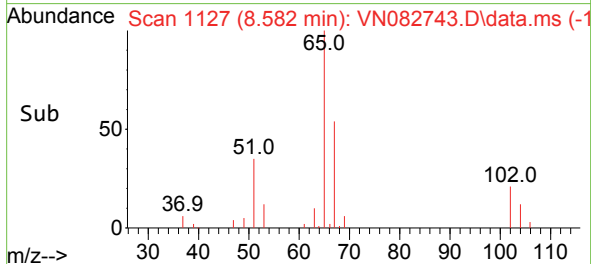
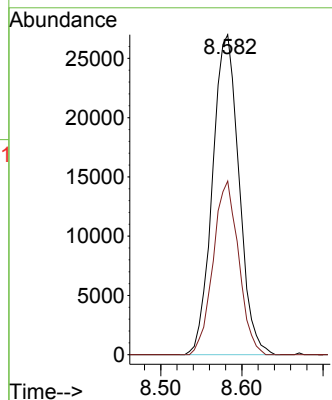
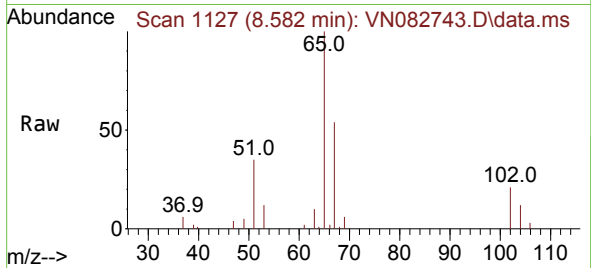




#33
 1,2-Dichloroethane-d4
 Concen: 55.097 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082743.D
 Acq: 28 Jun 2024 11:26

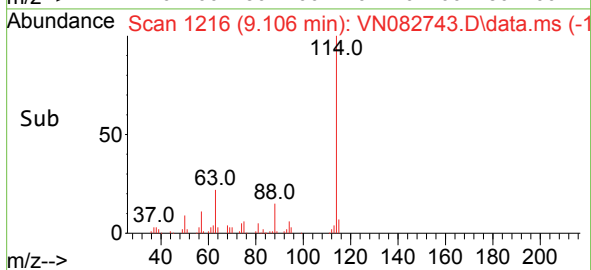
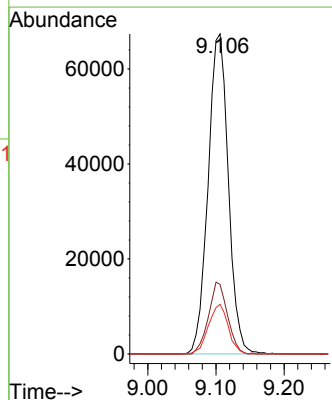
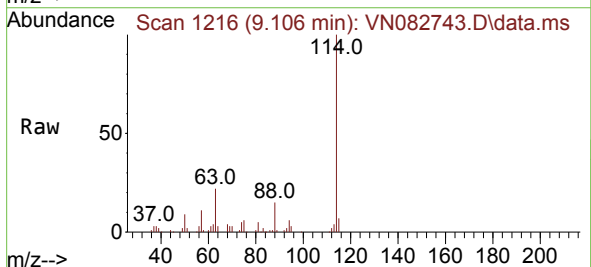
Instrument :
 MSVOA_N
 ClientSampleId :

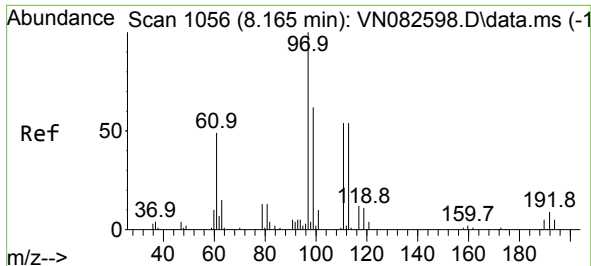
Tgt Ion: 65 Resp: 61338
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082743.D
 Acq: 28 Jun 2024 11:26

Tgt Ion: 114 Resp: 139345
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.6
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.906 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

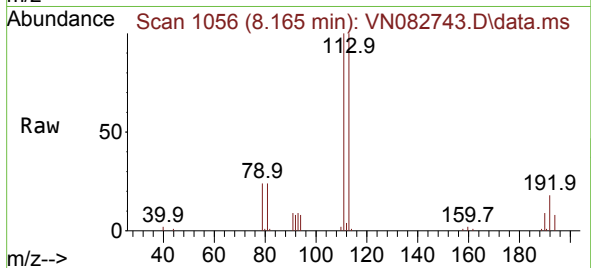
Lab File: VN082743.D

Acq: 28 Jun 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :



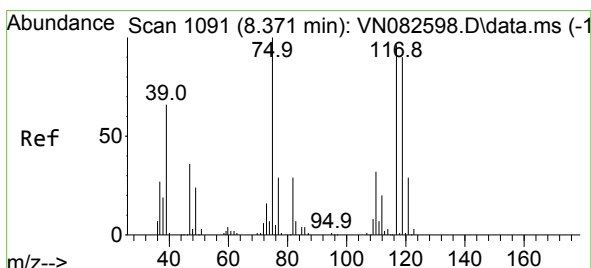
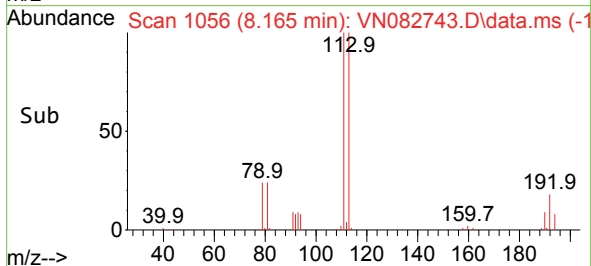
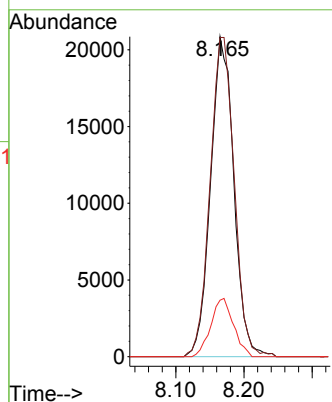
Tgt Ion:113 Resp: 49456

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 17.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.060 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082743.D

Acq: 28 Jun 2024 11:26

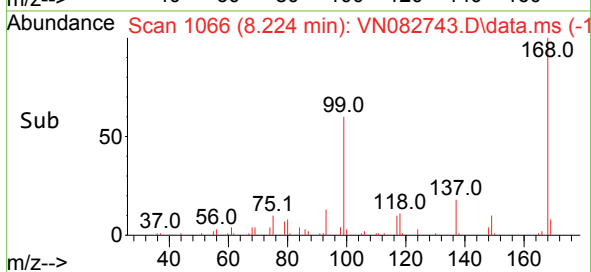
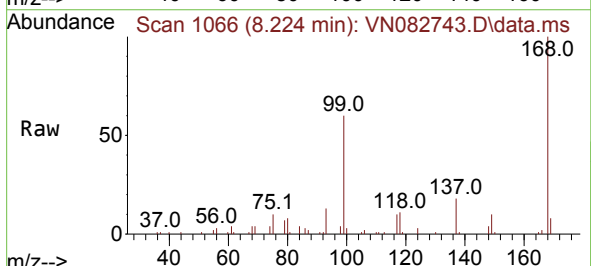
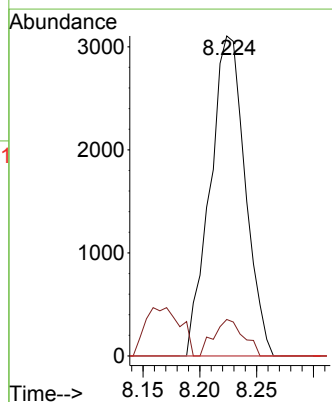
Tgt Ion: 75 Resp: 6673

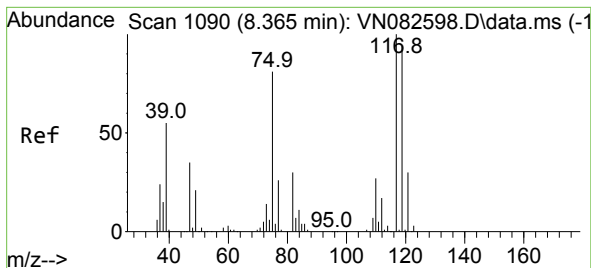
Ion Ratio Lower Upper

75 100

110 9.7 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 4.989 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.130 min

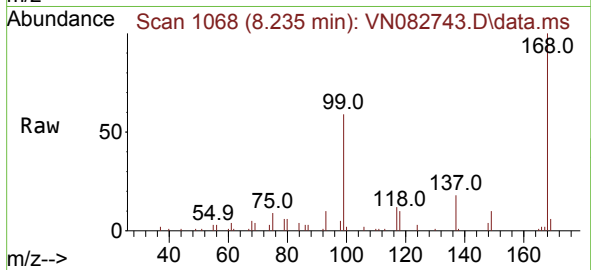
Lab File: VN082743.D

Acq: 28 Jun 2024 11:26

Instrument :

MSVOA_N

ClientSampleId :



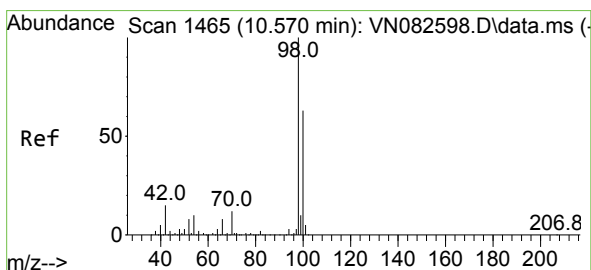
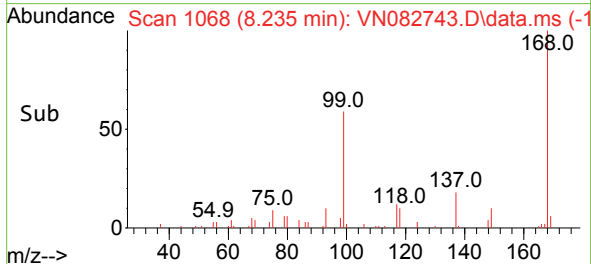
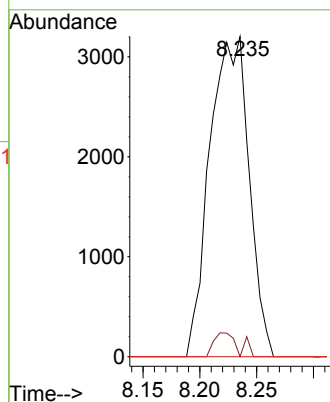
Tgt Ion:117 Resp: 7695

Ion Ratio Lower Upper

117 100

119 0.0 74.9 112.3#

121 0.0 24.3 36.5#



#50

Toluene-d8

Concen: 58.400 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082743.D

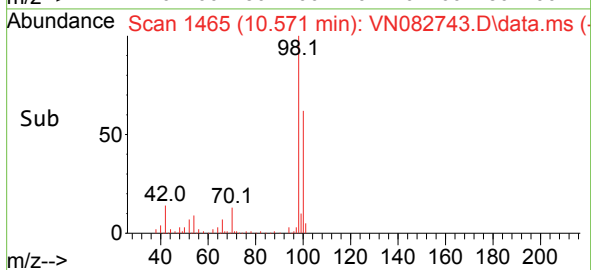
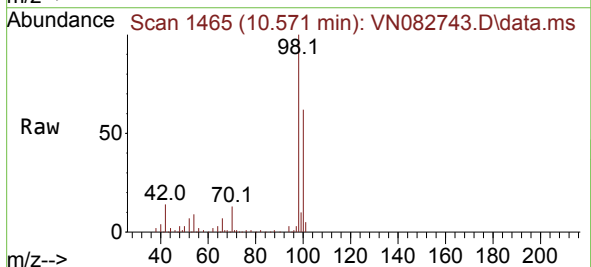
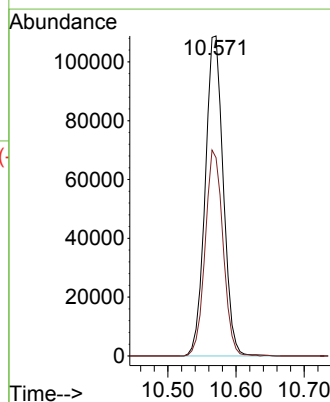
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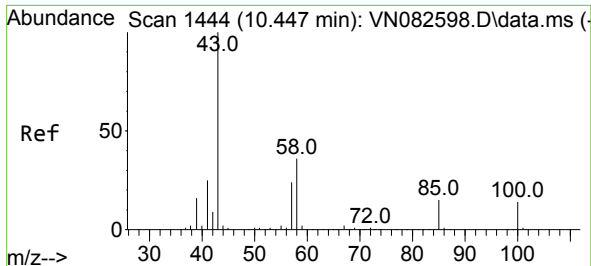
Tgt Ion: 98 Resp: 200372

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3

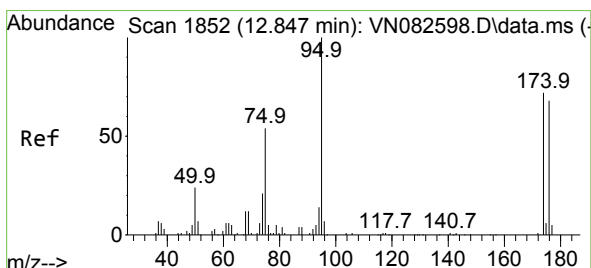
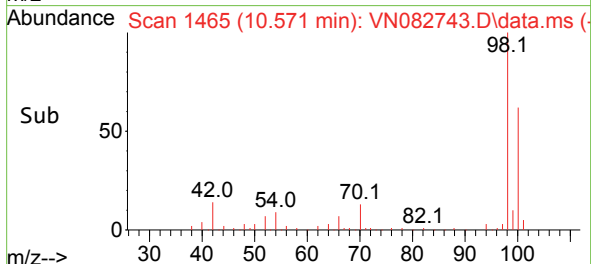
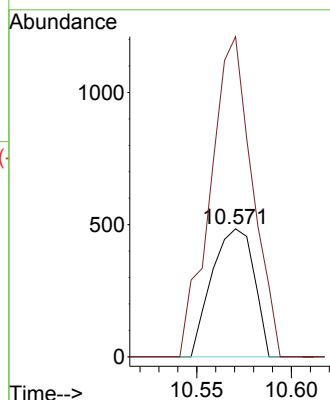
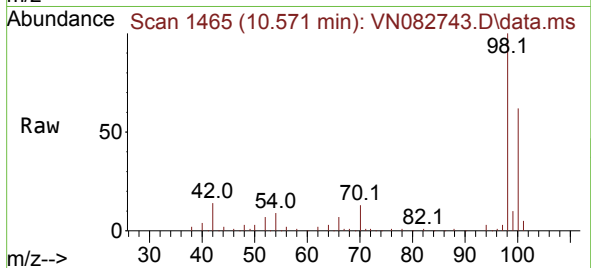




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN082743.D
Acq: 28 Jun 2024 11:26

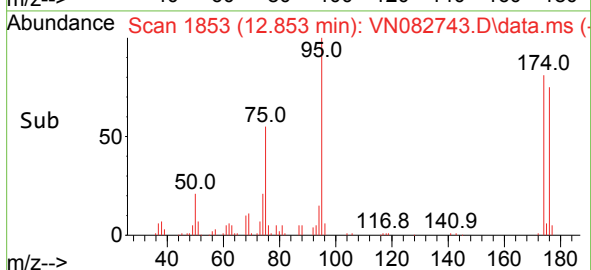
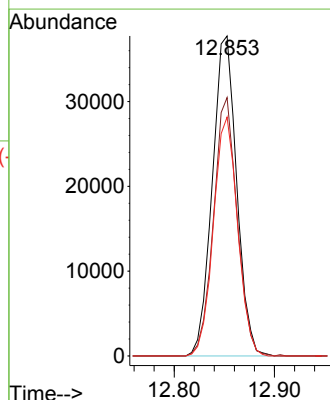
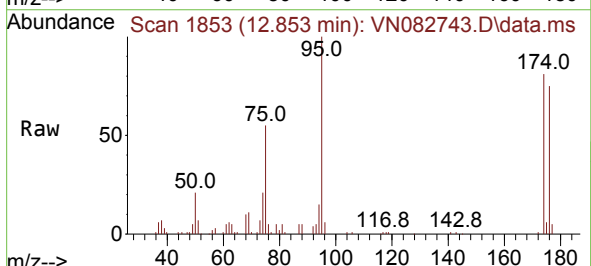
Instrument :
MSVOA_N
ClientSampleId :

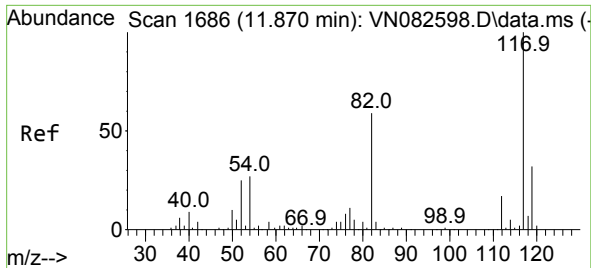
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 248.2 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 53.904 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082743.D
Acq: 28 Jun 2024 11:26

Tgt Ion: 95 Resp: 63514
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 73.9 0.0 147.6

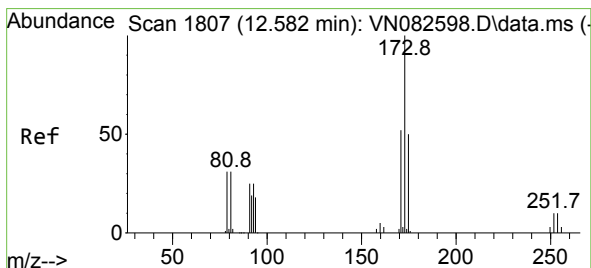
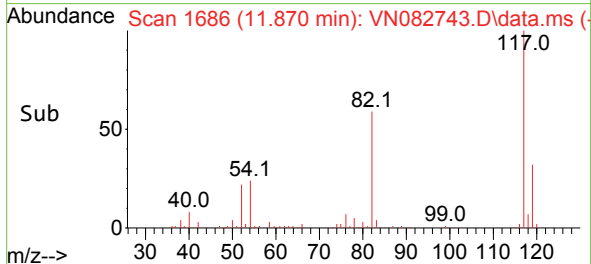
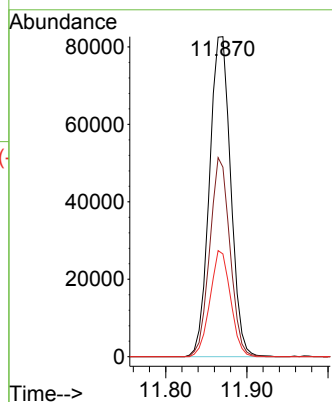
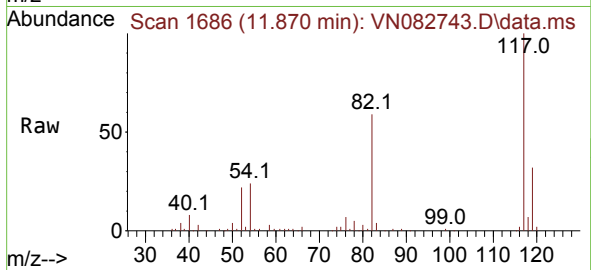




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082743.D
Acq: 28 Jun 2024 11:26

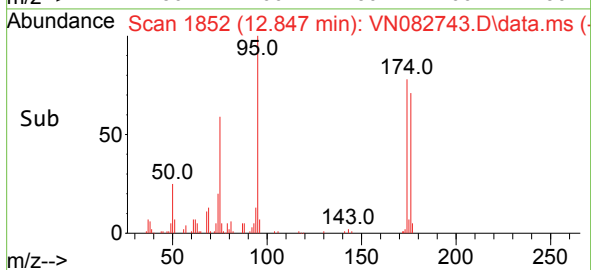
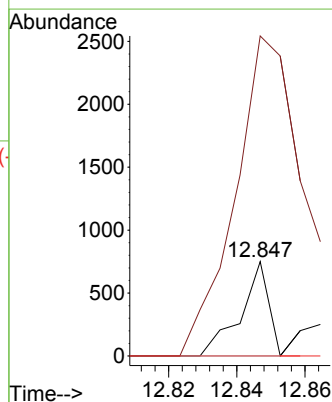
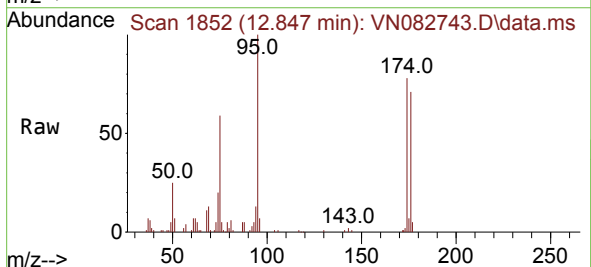
Instrument :
MSVOA_N
ClientSampleId :

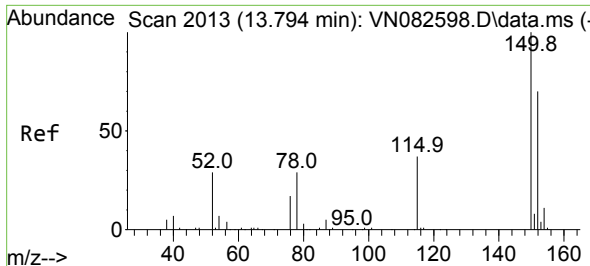
Tgt Ion:117 Resp: 150300
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.468 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082743.D
Acq: 28 Jun 2024 11:26

Tgt Ion:173 Resp: 429
Ion Ratio Lower Upper
173 100
175 725.6 24.0 72.0#
254 0.0 0.0 0.0

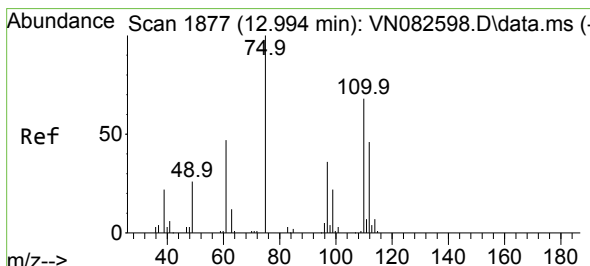
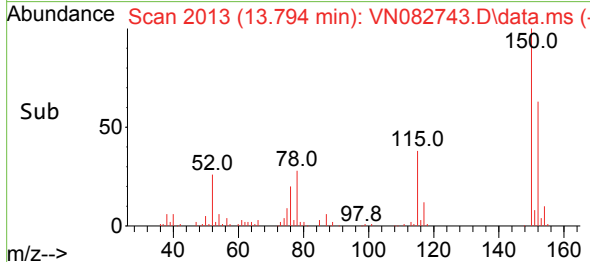
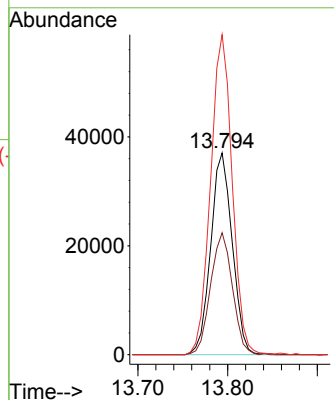
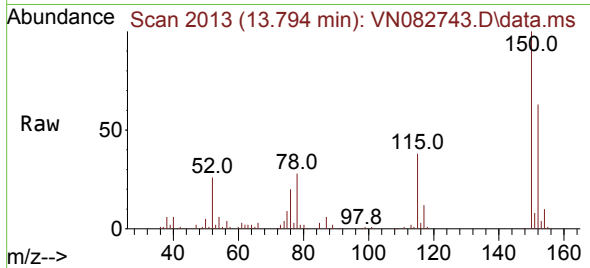




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082743.D
 Acq: 28 Jun 2024 11:26

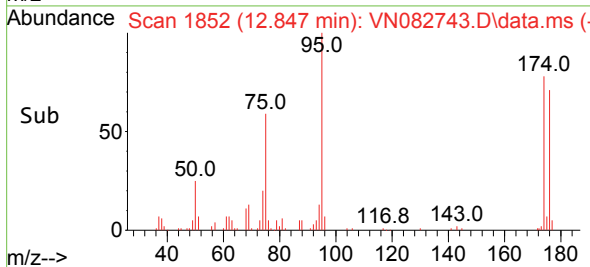
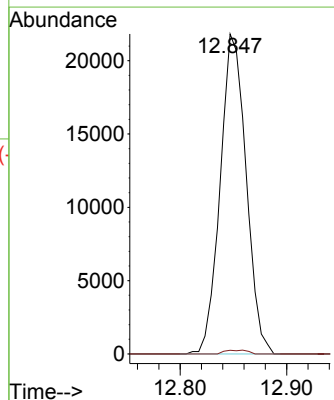
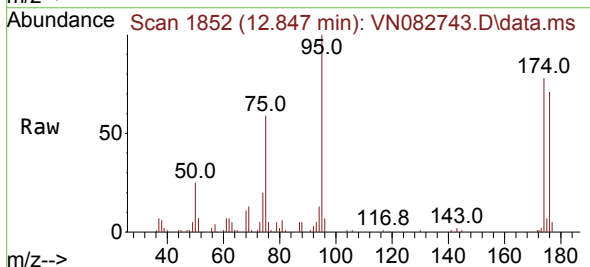
Instrument :
 MSVOA_N
 ClientSampleId :

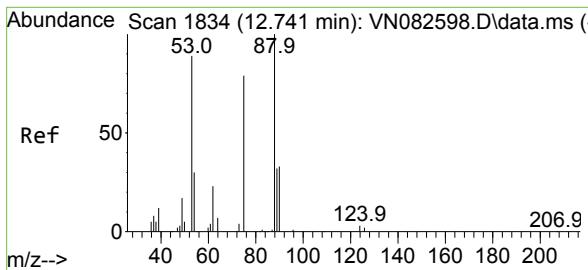
Tgt Ion:152 Resp: 61790
 Ion Ratio Lower Upper
 152 100
 115 61.2 30.6 91.6
 150 158.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.332 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082743.D
 Acq: 28 Jun 2024 11:26

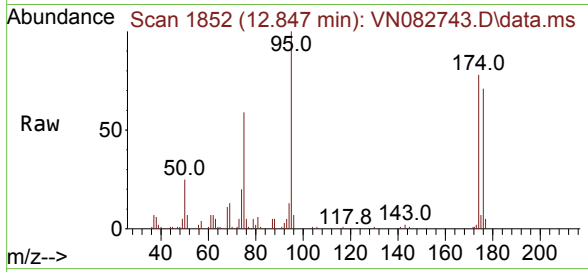
Tgt Ion: 75 Resp: 36838
 Ion Ratio Lower Upper
 75 100
 77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.280 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN082743.D
 Acq: 28 Jun 2024 11:26

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	36838
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

