

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
 Data File : VN082973.D
 Acq On : 18 Jul 2024 13:27
 Operator : JC\MD
 Sample : VN0718WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 19 00:42:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	73281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	145862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	144948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	59223	57.652	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.300%
35) Dibromofluoromethane	8.165	113	49259	52.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.260%
50) Toluene-d8	10.570	98	171692	49.666	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.847	95	53025	42.701	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.400%

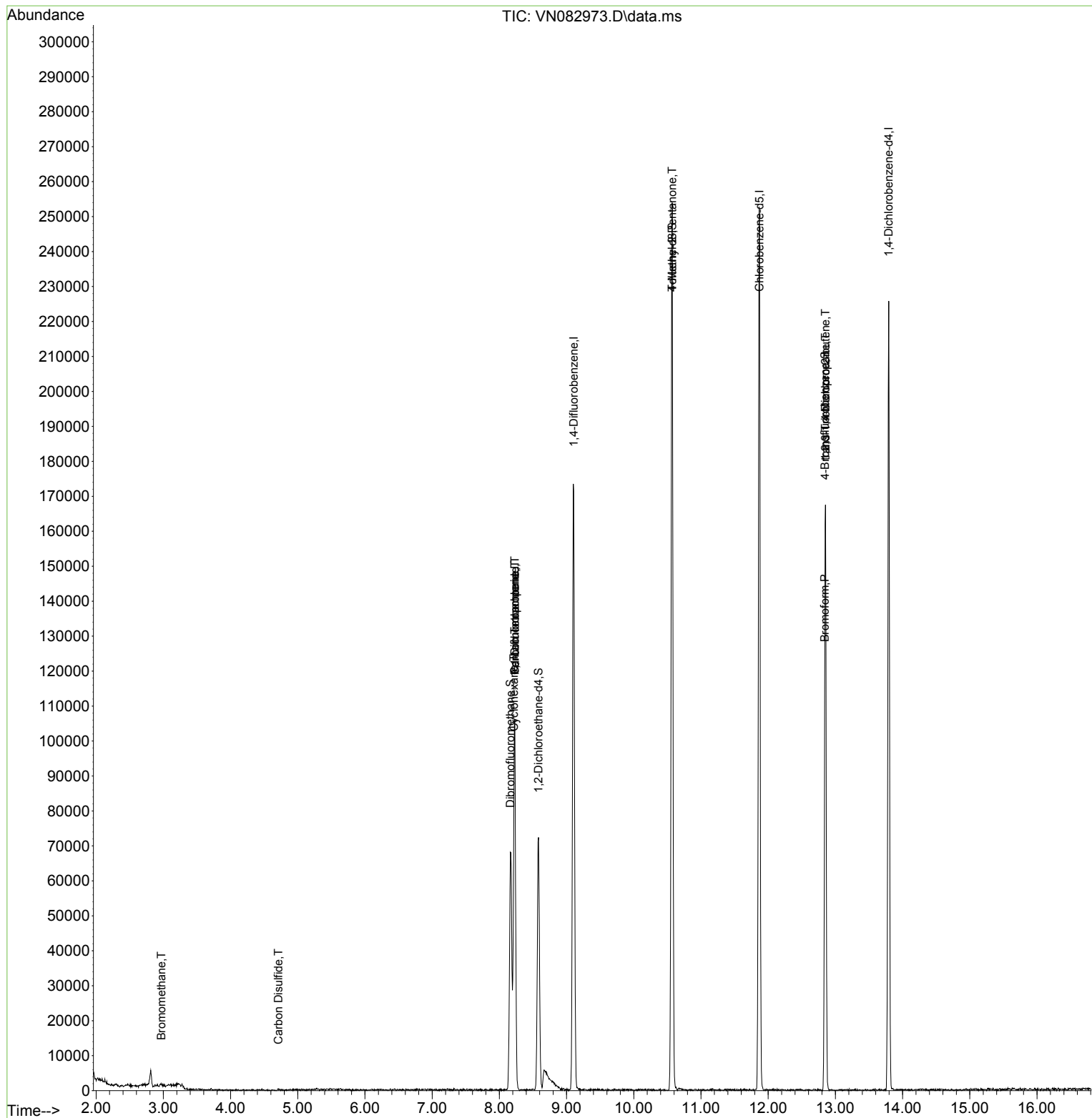
Target Compounds			Qvalue			
5) Bromomethane	2.971	94	231	0.339	ug/l #	66
17) Carbon Disulfide	4.712	76	534	0.239	ug/l #	75
31) Cyclohexane	8.218	56	2087	1.554	ug/l #	34
36) 1,1-Dichloropropene	8.229	75	6735	5.219	ug/l #	49
38) Carbon Tetrachloride	8.229	117	8271	5.323	ug/l #	17
43) Isopropyl Acetate	8.665	43	7204	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.570	43	672	0.516	ug/l #	1
71) Bromoform	12.841	173	415	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	31397	31.537	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	31397	62.024	ug/l #	6

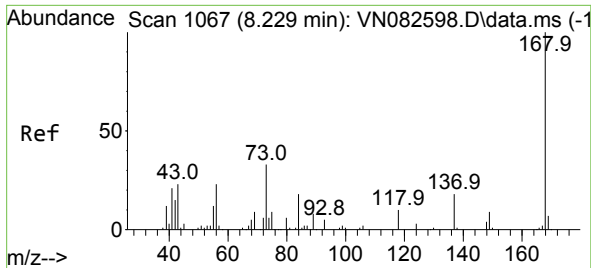
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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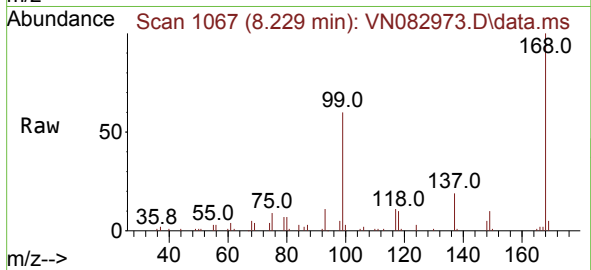
Quant Time: Jul 19 00:42:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



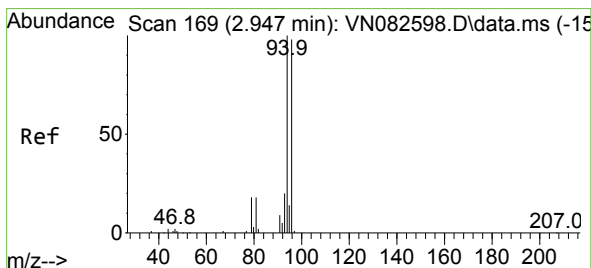
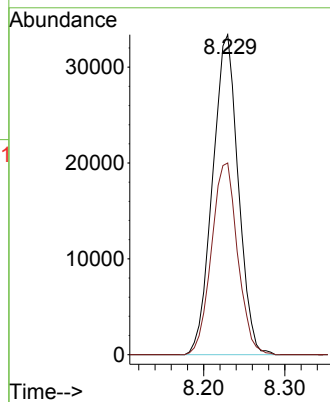
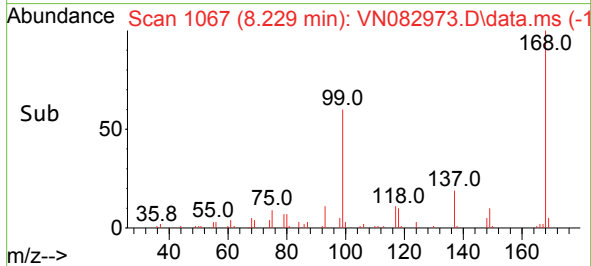


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN082973.D
Acq: 18 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

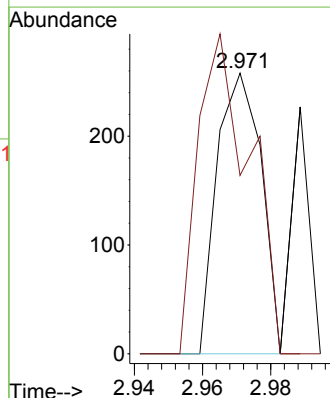
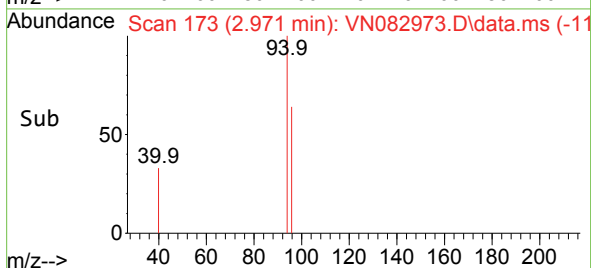
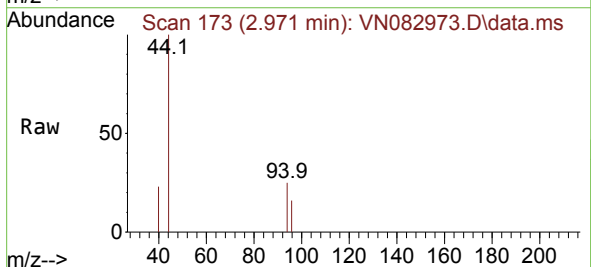


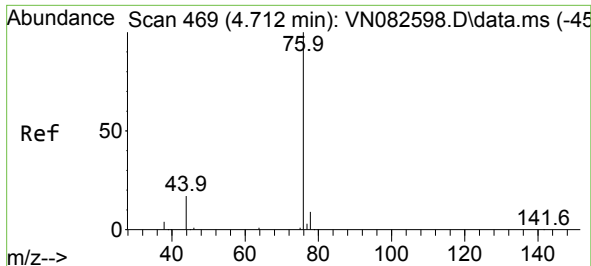
Tgt Ion:168 Resp: 73281
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#5
Bromomethane
Concen: 0.339 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN082973.D
Acq: 18 Jul 2024 13:27

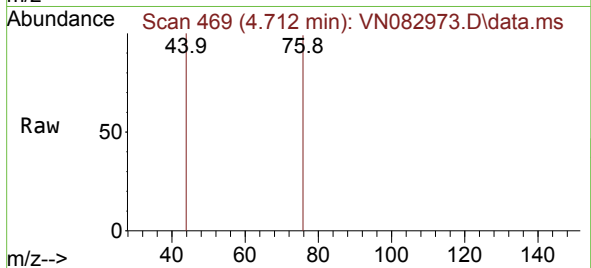
Tgt Ion: 94 Resp: 231
Ion Ratio Lower Upper
94 100
96 63.6 78.0 117.0#



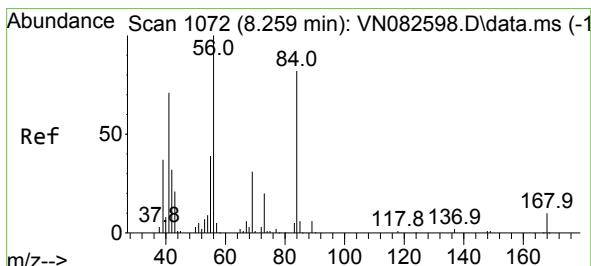
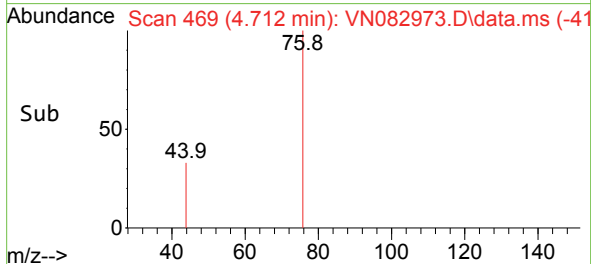
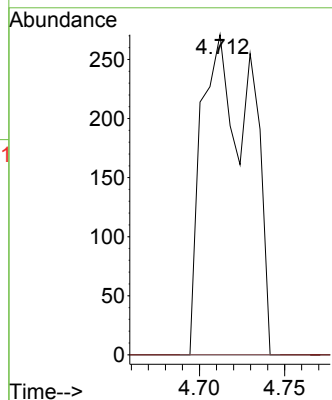


#17
Carbon Disulfide
Concen: 0.239 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN082973.D
Acq: 18 Jul 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :

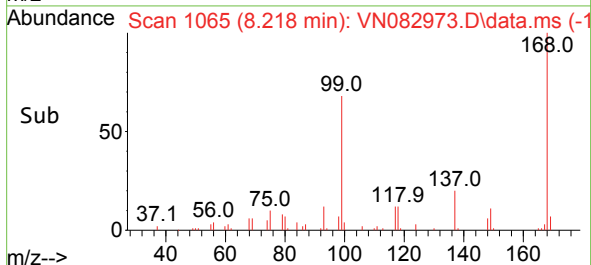
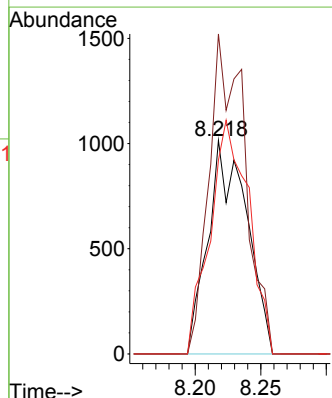
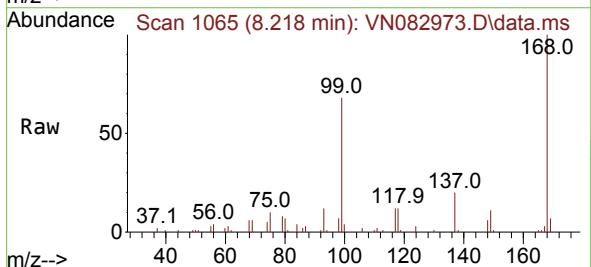


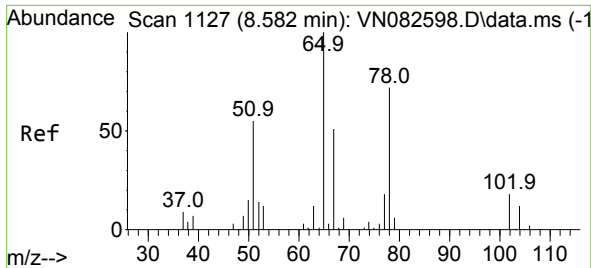
Tgt Ion: 76 Resp: 534
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.554 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082973.D
Acq: 18 Jul 2024 13:27

Tgt Ion: 56 Resp: 2087
Ion Ratio Lower Upper
56 100
69 149.9 24.5 36.7#
84 90.7 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 57.652 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082973.D

Acq: 18 Jul 2024 13:27

Instrument :

MSVOA_N

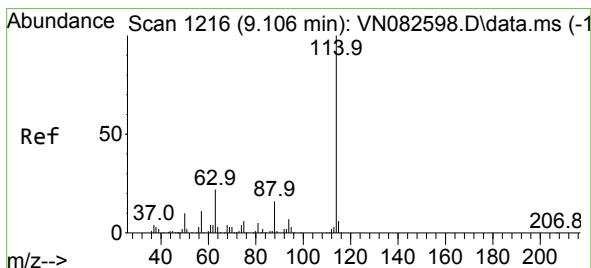
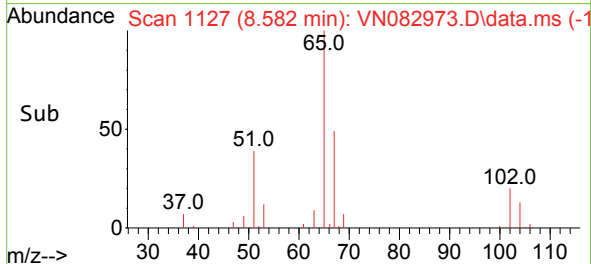
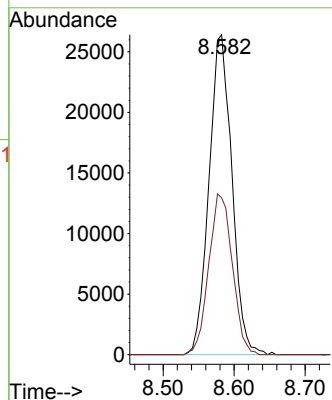
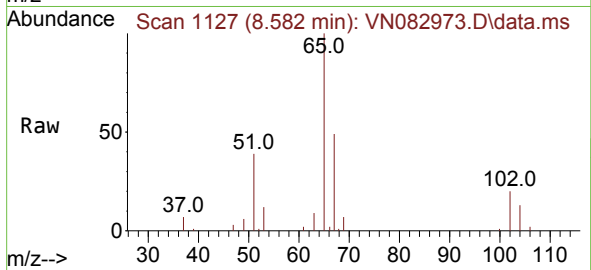
ClientSampleId :

Tgt Ion: 65 Resp: 59223

Ion Ratio Lower Upper

65 100

67 51.7 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: VN082973.D

Acq: 18 Jul 2024 13:27

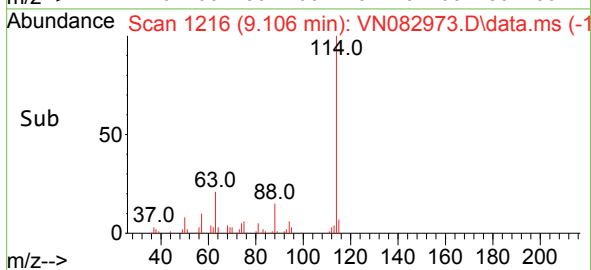
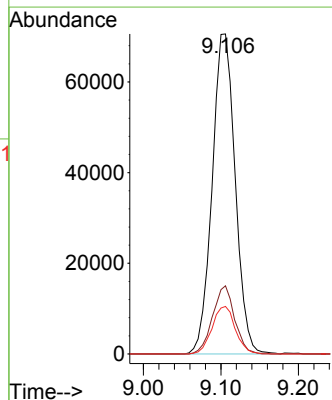
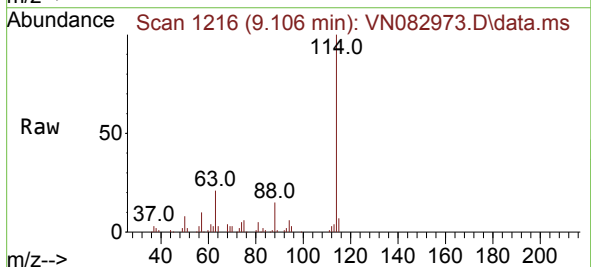
Tgt Ion: 114 Resp: 145862

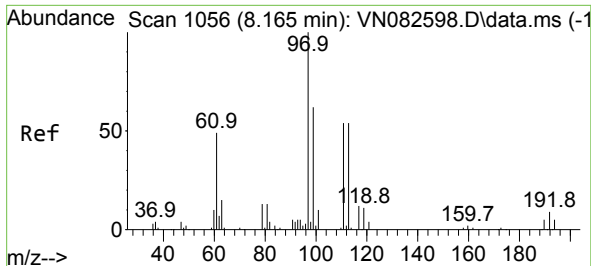
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.6

88 14.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.629 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082973.D

Acq: 18 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

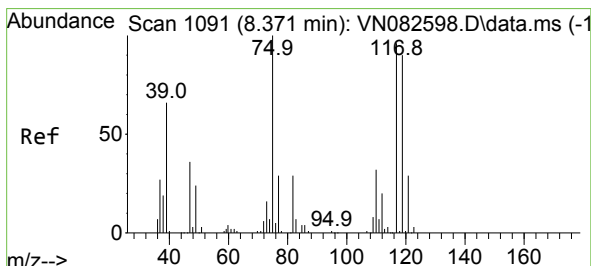
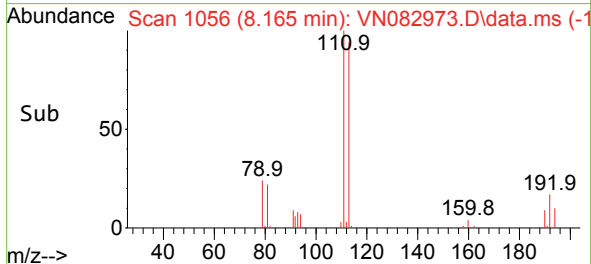
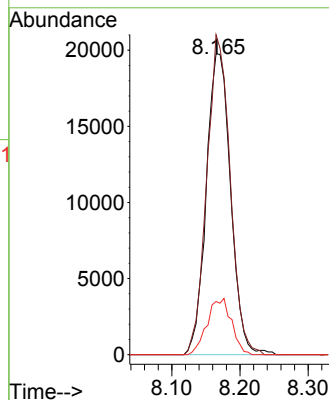
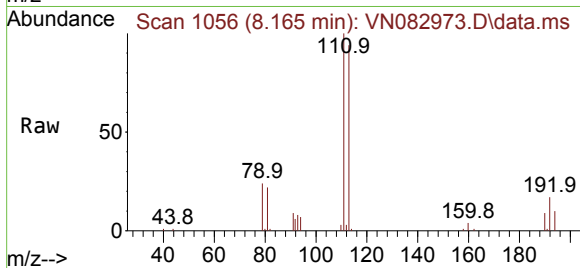
Tgt Ion:113 Resp: 49259

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 18.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.219 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN082973.D

Acq: 18 Jul 2024 13:27

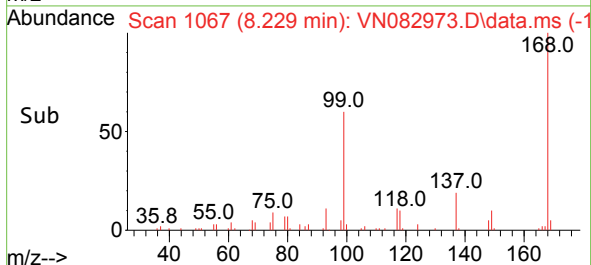
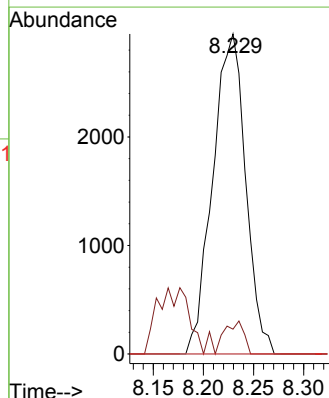
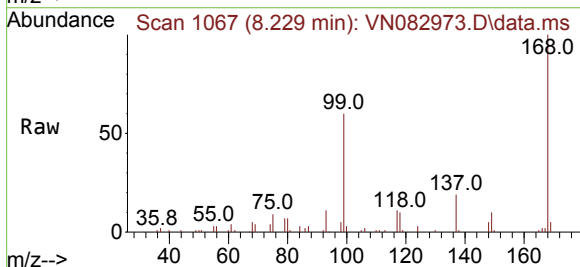
Tgt Ion: 75 Resp: 6735

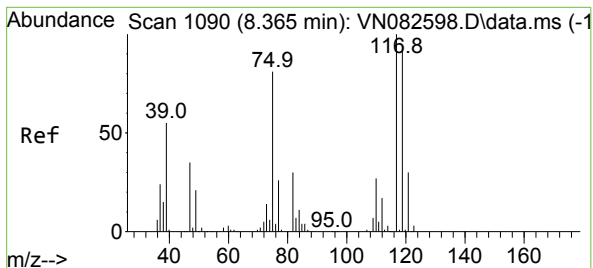
Ion Ratio Lower Upper

75 100

110 7.1 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.323 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.136 min

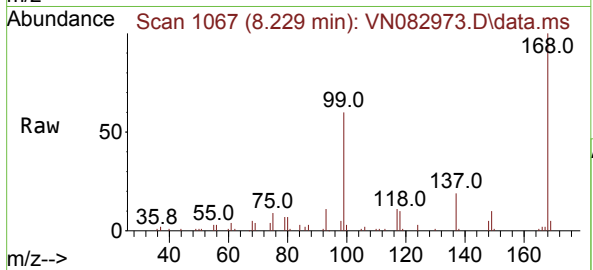
Lab File: VN082973.D

Acq: 18 Jul 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :



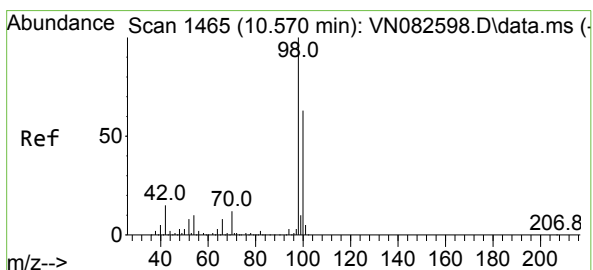
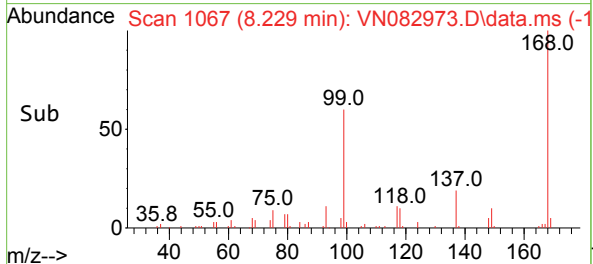
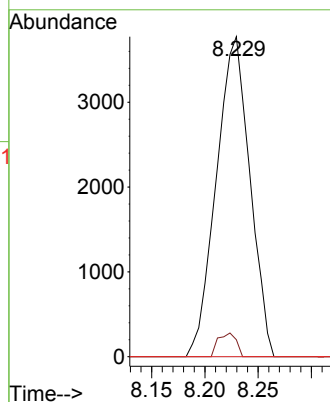
Tgt Ion:117 Resp: 8271

Ion Ratio Lower Upper

117 100

119 5.3 74.9 112.3#

121 0.0 24.3 36.5#



#50

Toluene-d8

Concen: 49.666 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082973.D

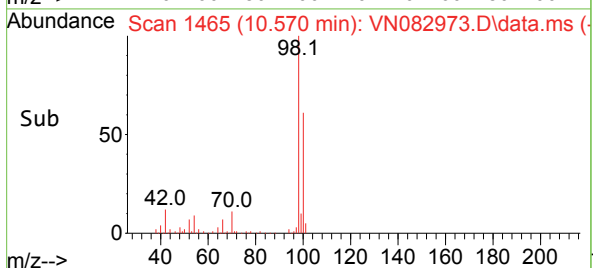
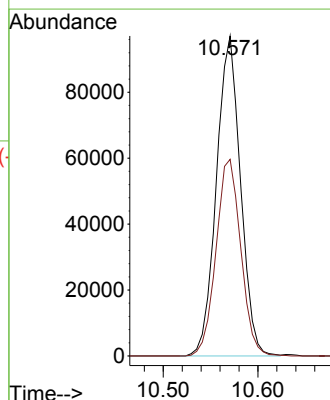
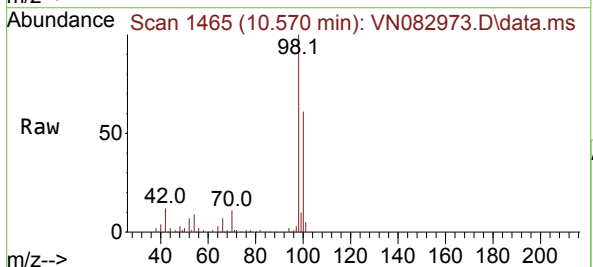
Acq: 18 Jul 2024 13:27

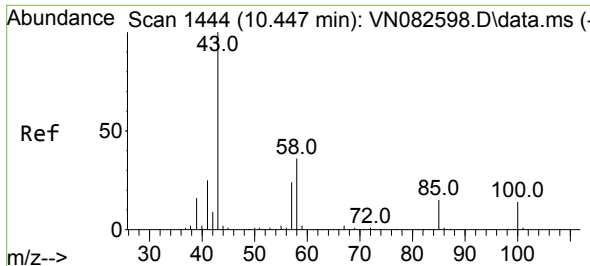
Tgt Ion: 98 Resp: 171692

Ion Ratio Lower Upper

98 100

100 63.1 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.516 ug/l

RT: 10.570 min Scan# 1444

Delta R.T. 0.123 min

Lab File: VN082973.D

Acq: 18 Jul 2024 13:27

Instrument :

MSVOA_N

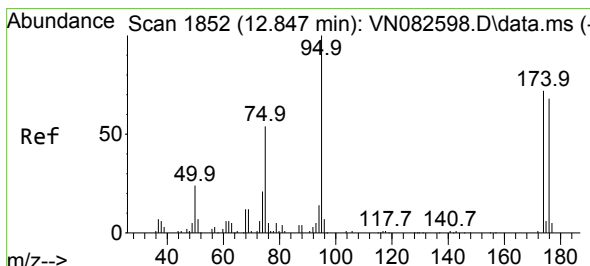
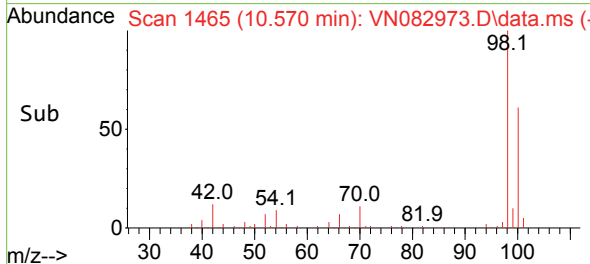
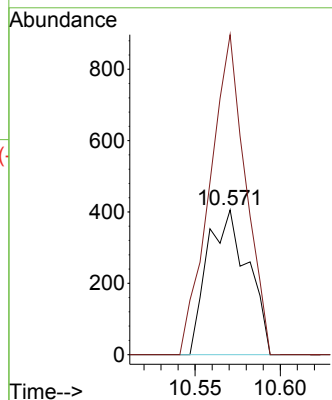
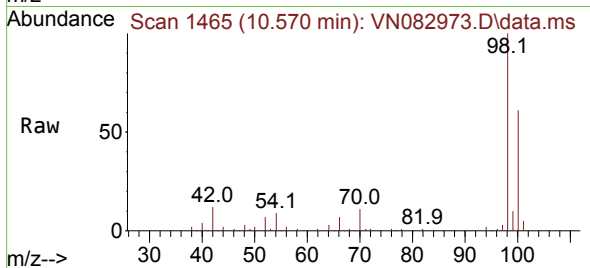
ClientSampleId :

Tgt Ion: 43 Resp: 672

Ion Ratio Lower Upper

43 100

58 195.2 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 42.701 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN082973.D

Acq: 18 Jul 2024 13:27

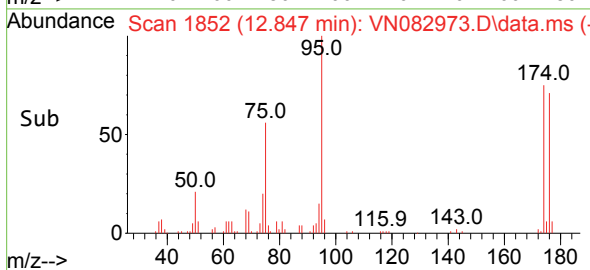
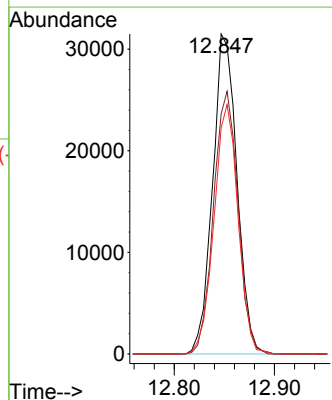
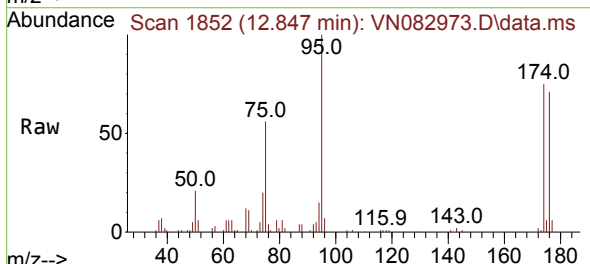
Tgt Ion: 95 Resp: 53025

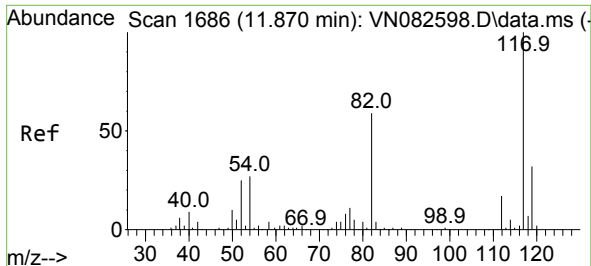
Ion Ratio Lower Upper

95 100

174 82.6 0.0 159.2

176 77.0 0.0 147.6

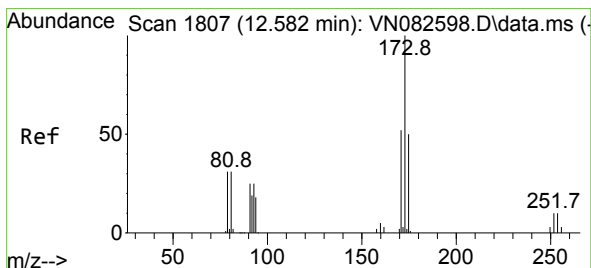
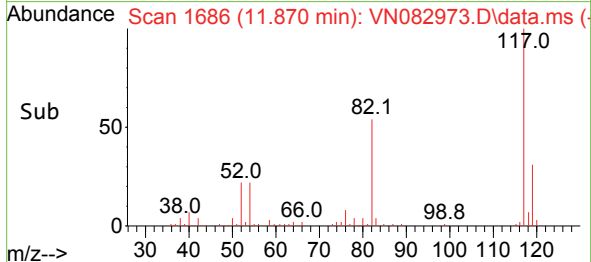
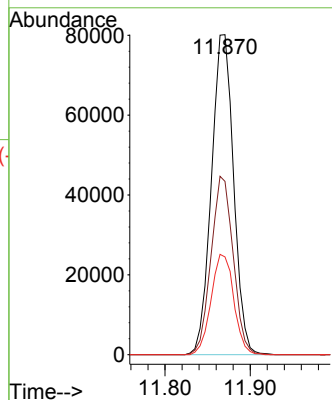
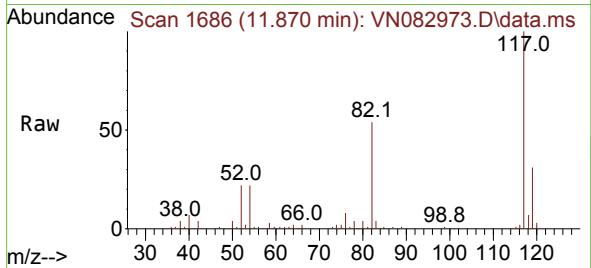




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082973.D
Acq: 18 Jul 2024 13:27

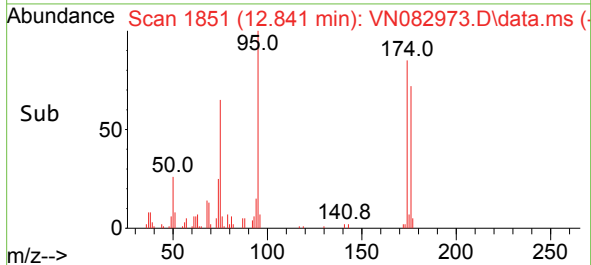
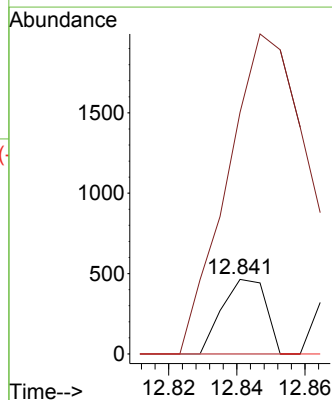
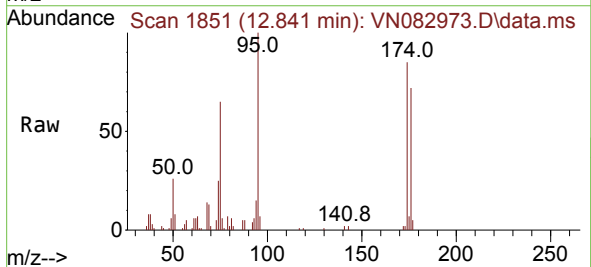
Instrument :
MSVOA_N
ClientSampleId :

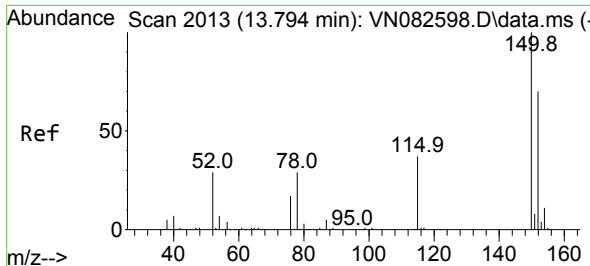
Tgt Ion:117 Resp: 144948
Ion Ratio Lower Upper
117 100
82 54.2 47.5 71.3
119 30.5 25.6 38.4



#71
Bromoform
Concen: 0.478 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN082973.D
Acq: 18 Jul 2024 13:27

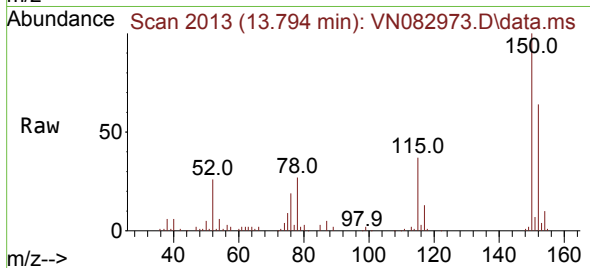
Tgt Ion:173 Resp: 415
Ion Ratio Lower Upper
173 100
175 690.1 24.0 72.0#
254 0.0 0.0 0.0



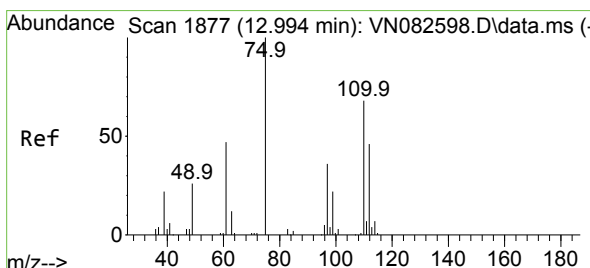
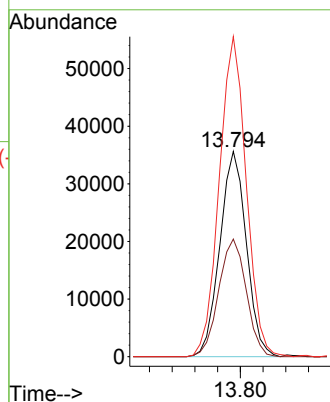
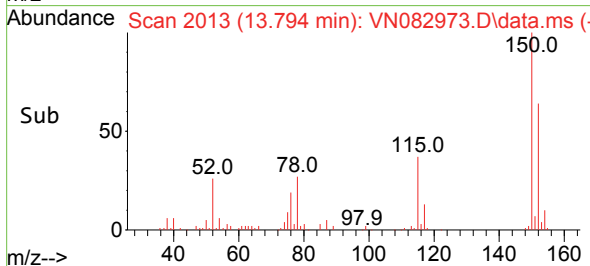


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082973.D
 Acq: 18 Jul 2024 13:27

Instrument :
 MSVOA_N
 ClientSampleId :

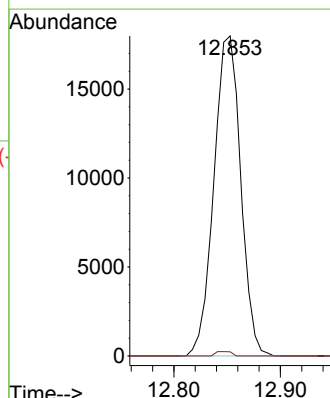
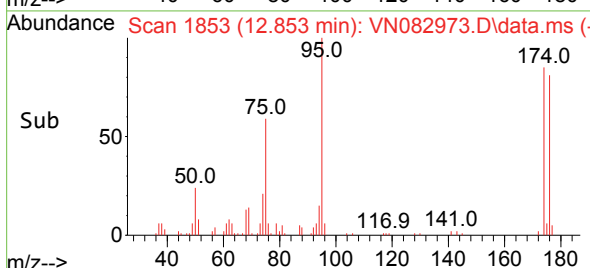
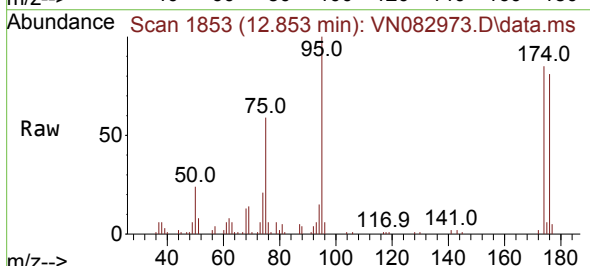


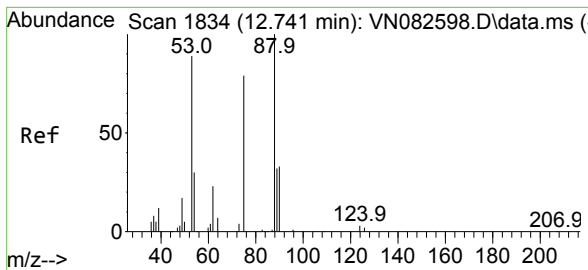
Tgt Ion:152 Resp: 57745
 Ion Ratio Lower Upper
 152 100
 115 59.4 30.6 91.6
 150 158.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.537 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082973.D
 Acq: 18 Jul 2024 13:27

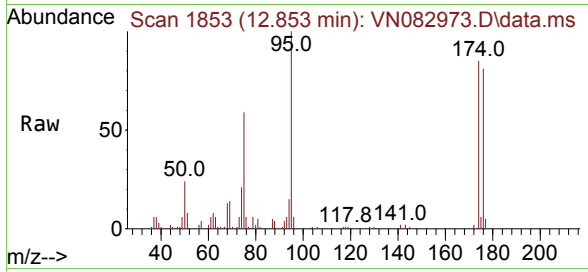
Tgt Ion: 75 Resp: 31397
 Ion Ratio Lower Upper
 75 100
 77 0.8 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.024 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082973.D
 Acq: 18 Jul 2024 13:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	31397
Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

