

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030624\
 Data File : VN081315.D
 Acq On : 06 Mar 2024 10:28
 Operator : JC\MD
 Sample : VN0306WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBL01

Quant Time: Mar 07 00:21:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

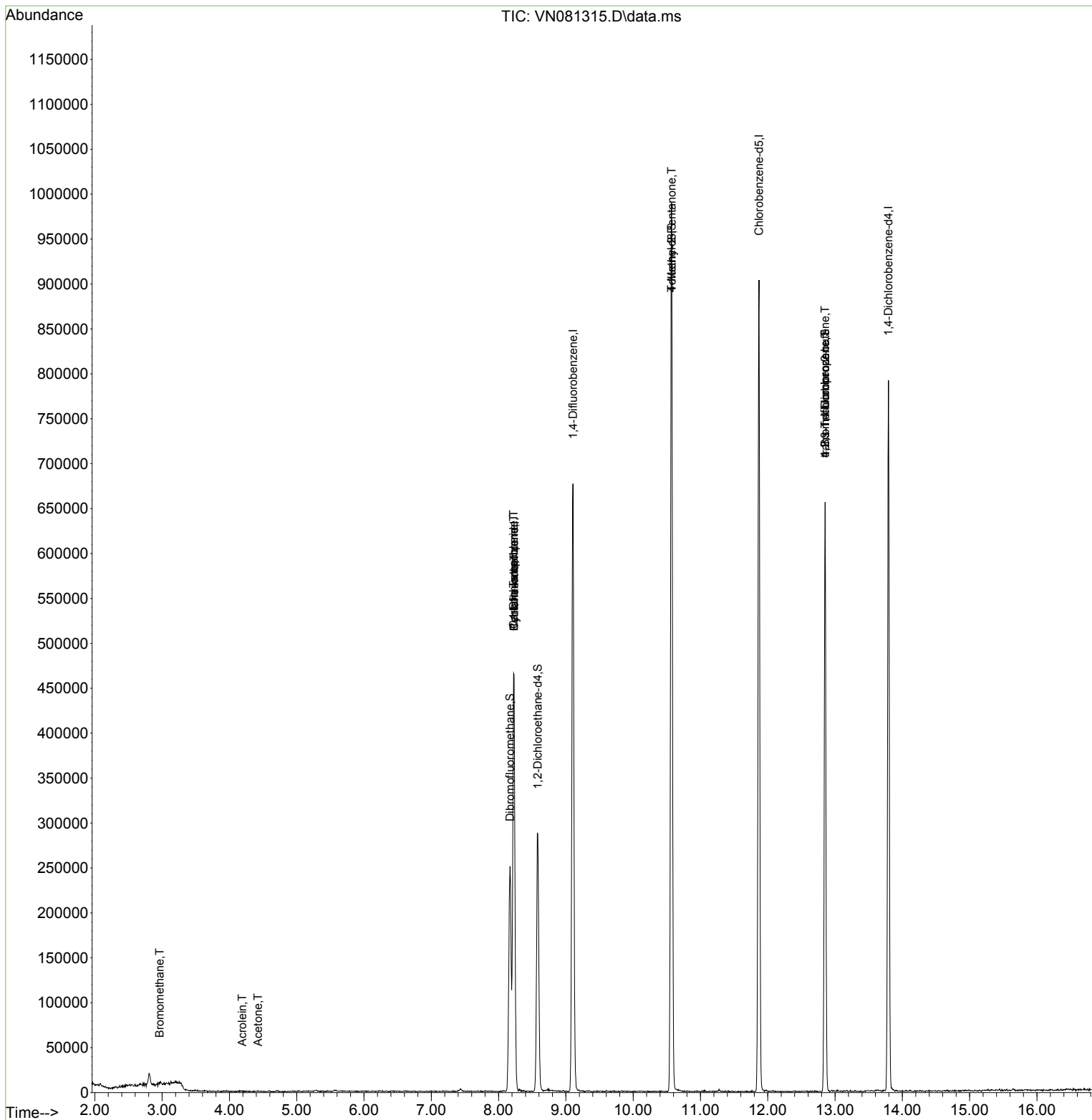
Internal Standards						
1) Pentafluorobenzene	8.229	168	319656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	589706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	502148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198915	50.000	ug/l	0.00

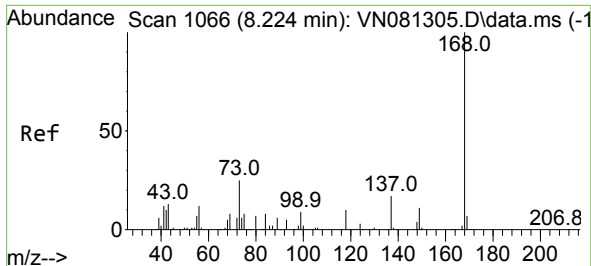
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	230173	49.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.600%
35) Dibromofluoromethane	8.171	113	183027	50.659	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.320%
50) Toluene-d8	10.570	98	689020	51.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.853	95	216568	45.368	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.740%

Target Compounds					Qvalue	
5) Bromomethane	2.965	94	1615	0.506	ug/l #	65
13) Acrolein	4.189	56	330	0.345	ug/l	89
16) Acetone	4.424	43	373	0.228	ug/l #	44
20) Methylene Chloride	5.283	84	789	Below Cal	#	24
31) Cyclohexane	8.229	56	9299	1.329	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	28824	4.945	ug/l #	51
38) Carbon Tetrachloride	8.224	117	34835	5.938	ug/l #	18
51) 4-Methyl-2-Pentanone	10.570	43	3731	0.644	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	119049	25.339	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	119049	70.716	ug/l #	14

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

Quant Time: Mar 07 00:21:48 2024
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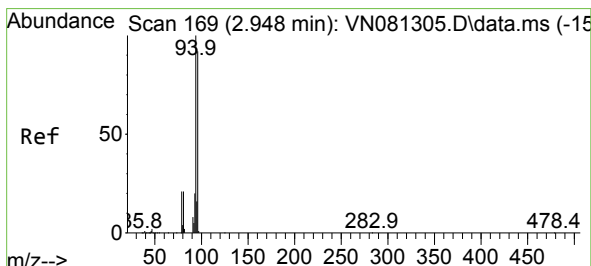
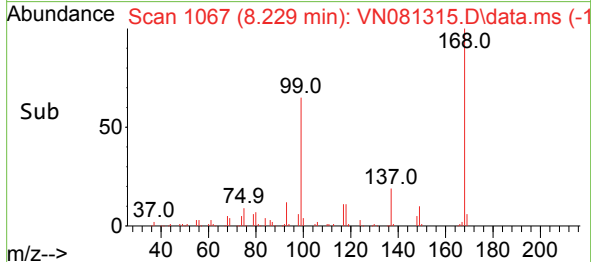
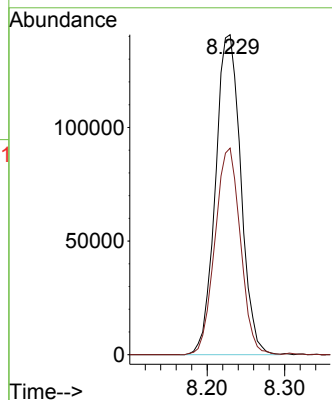
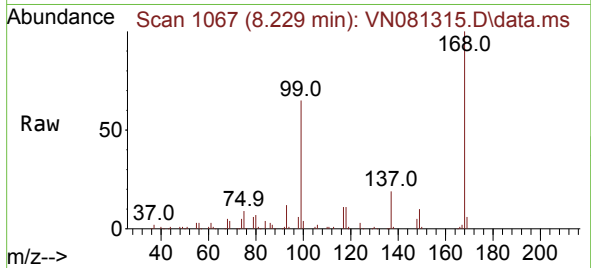




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

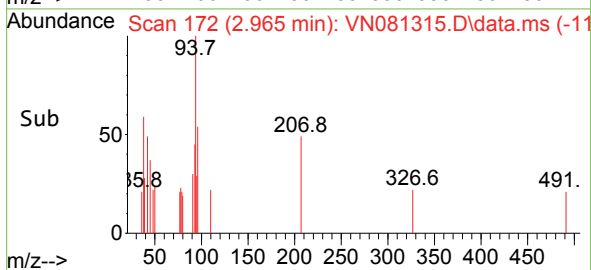
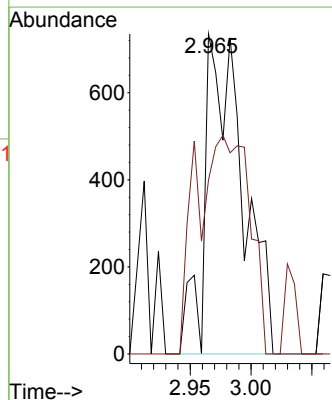
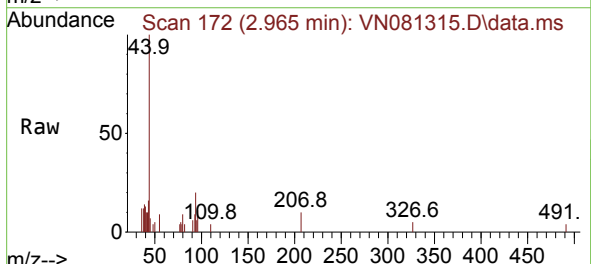
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBL01

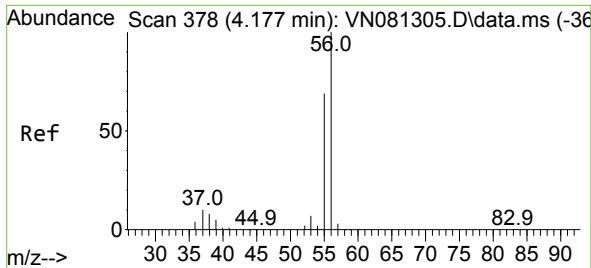
Tgt Ion:168 Resp: 319656
Ion Ratio Lower Upper
168 100
99 64.5 59.9 89.9



#5
Bromomethane
Concen: 0.506 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

Tgt Ion: 94 Resp: 1615
Ion Ratio Lower Upper
94 100
96 54.4 69.2 103.8#

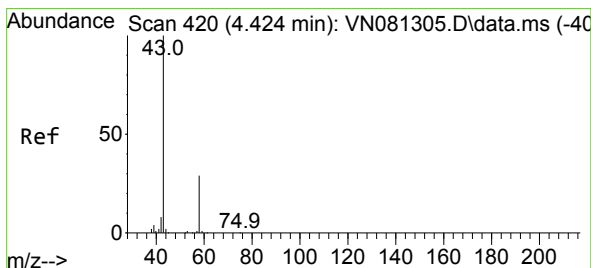
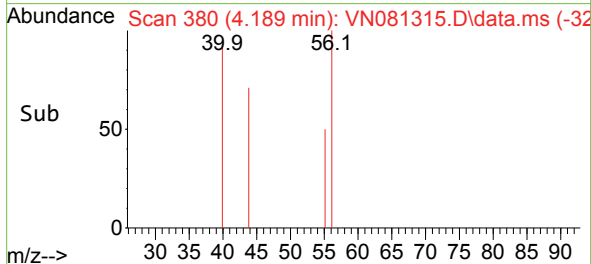
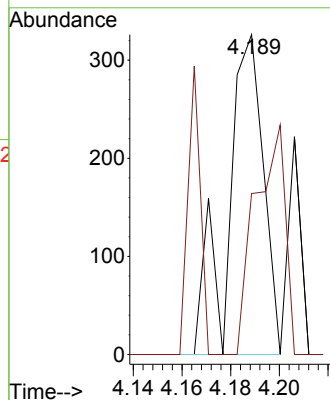
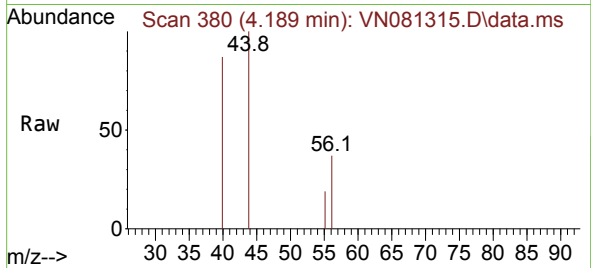




#13
Acrolein
Concen: 0.345 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

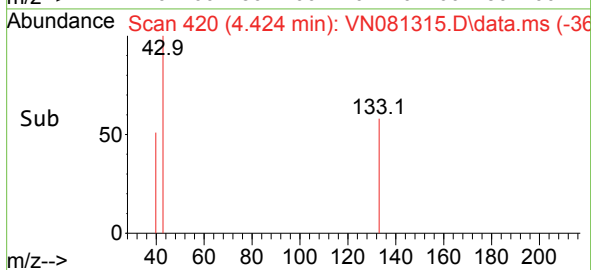
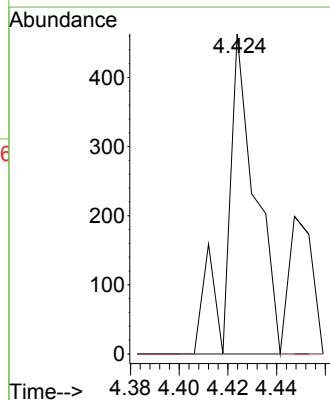
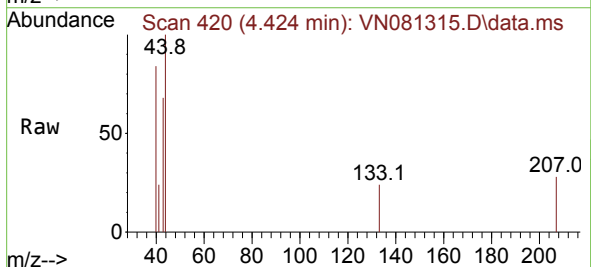
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBL01

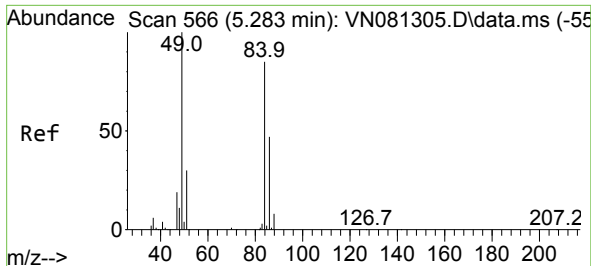
Tgt Ion: 56 Resp: 330
Ion Ratio Lower Upper
56 100
55 60.3 55.3 82.9



#16
Acetone
Concen: 0.228 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#

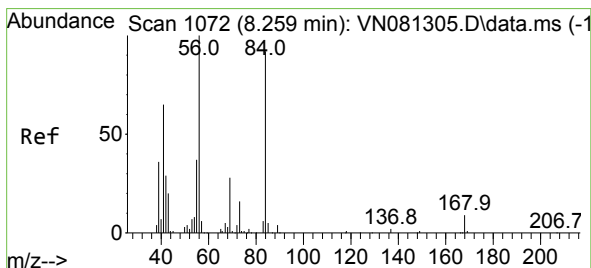
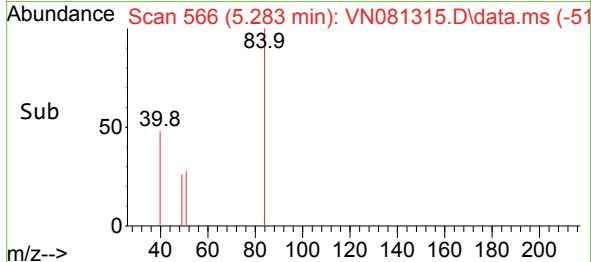
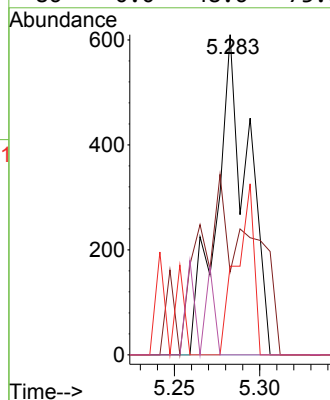
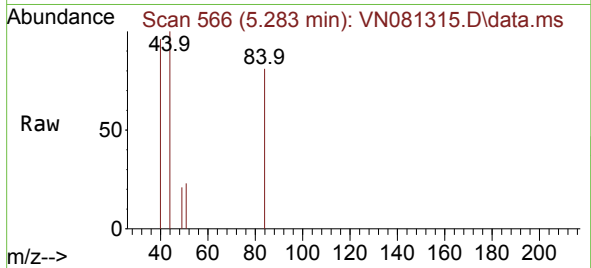




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

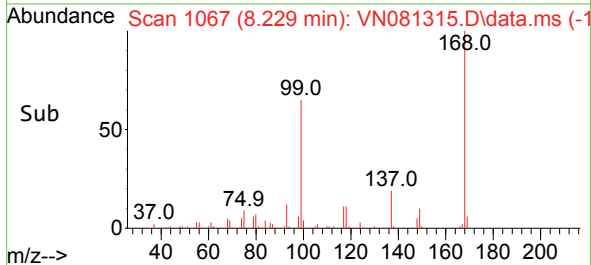
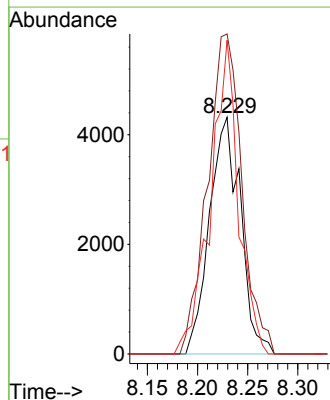
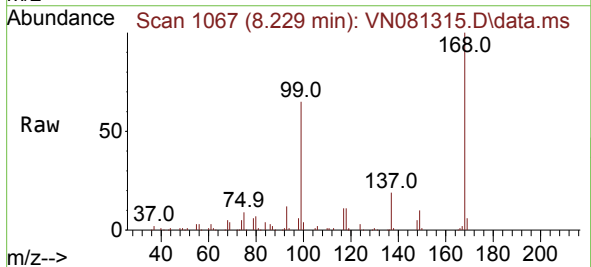
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBL01

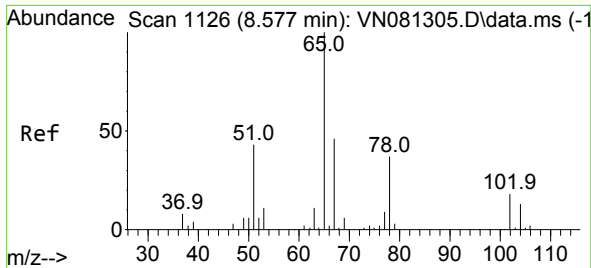
Tgt Ion:	84	Resp:	789
Ion	Ratio	Lower	Upper
84	100		
49	25.9	108.1	162.1#
51	27.7	32.9	49.3#
86	0.0	48.6	73.0#



#31
Cyclohexane
Concen: 1.329 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

Tgt Ion:	56	Resp:	9299
Ion	Ratio	Lower	Upper
56	100		
69	135.3	20.1	30.1#
84	132.6	56.9	85.3#

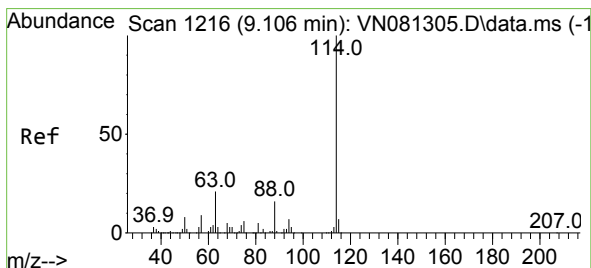
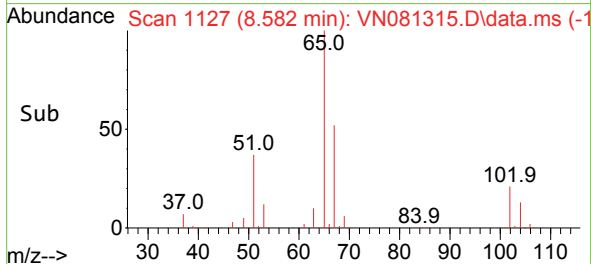
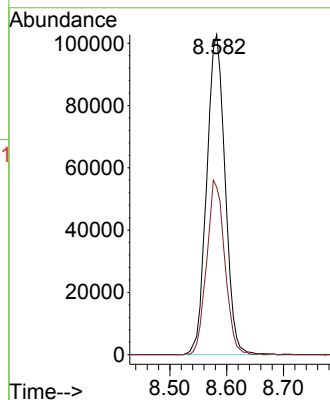
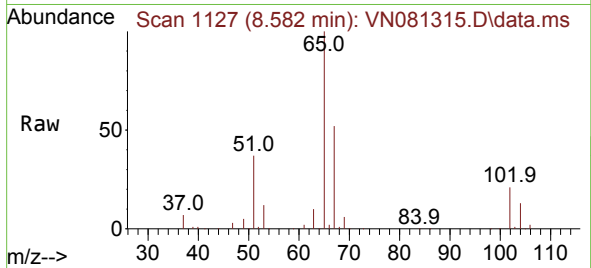




#33
1,2-Dichloroethane-d4
Concen: 49.801 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

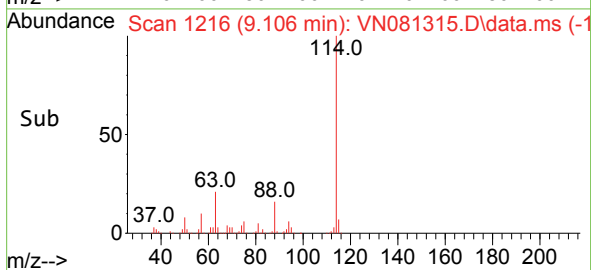
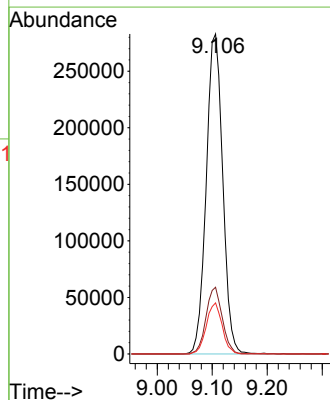
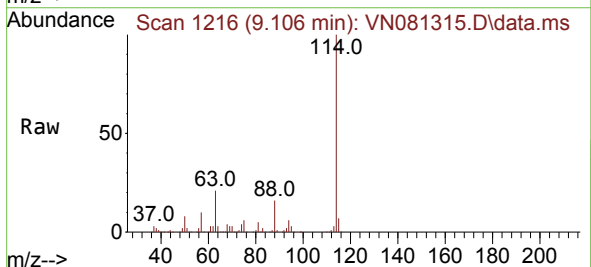
Instrument :
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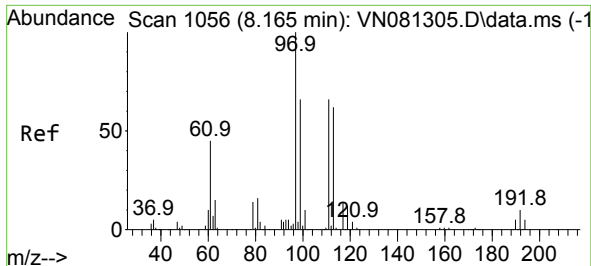
Tgt Ion: 65 Resp: 230173
Ion Ratio Lower Upper
65 100
67 53.7 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

Tgt Ion: 114 Resp: 589706
Ion Ratio Lower Upper
114 100
63 20.8 0.0 48.0
88 15.9 0.0 34.8

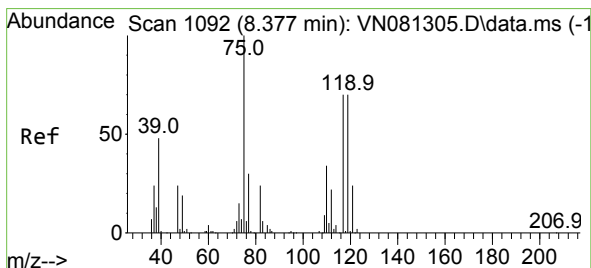
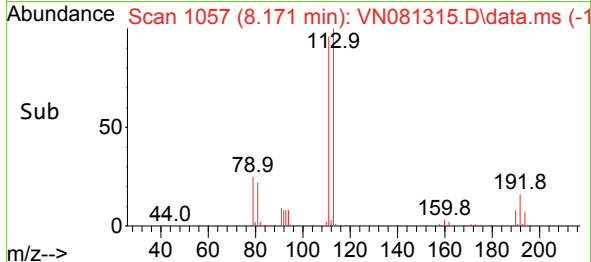
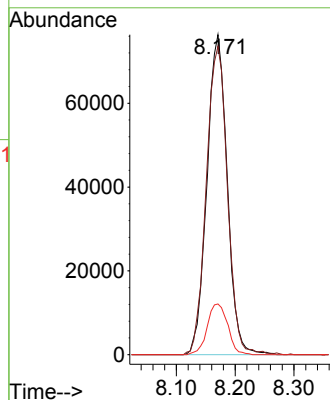
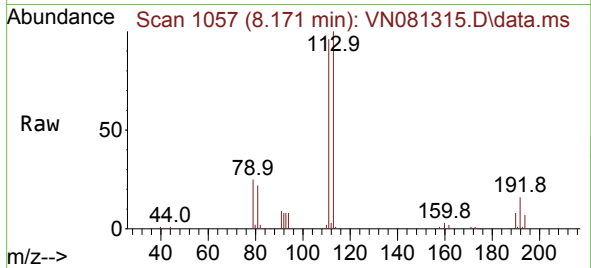




#35
Dibromofluoromethane
Concen: 50.659 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

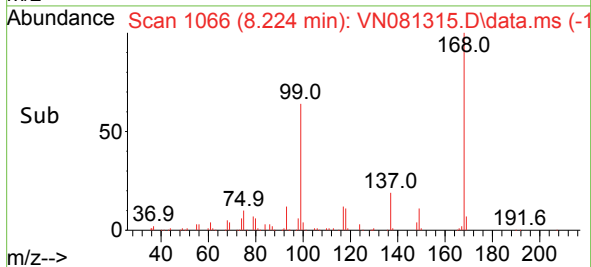
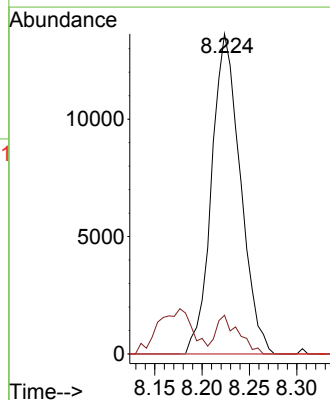
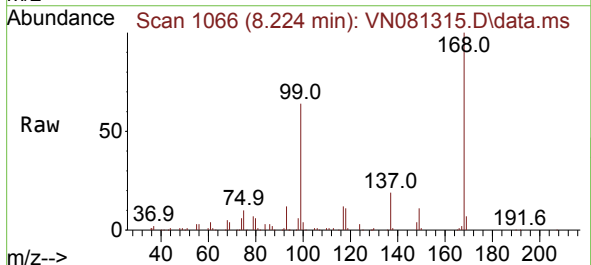
Instrument :
MSVOA_N
ClientSampleId :
VN0306WBL01

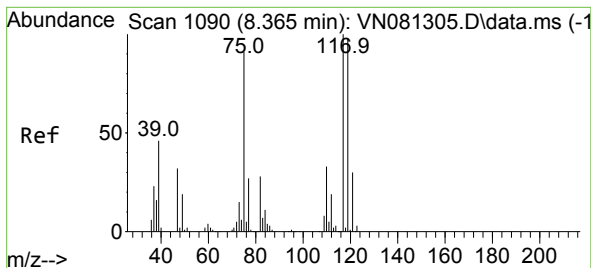
Tgt Ion:113 Resp: 183027
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 16.0 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.945 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081315.D
Acq: 06 Mar 2024 10:28

Tgt Ion: 75 Resp: 28824
Ion Ratio Lower Upper
75 100
110 9.4 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.938 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081315.D

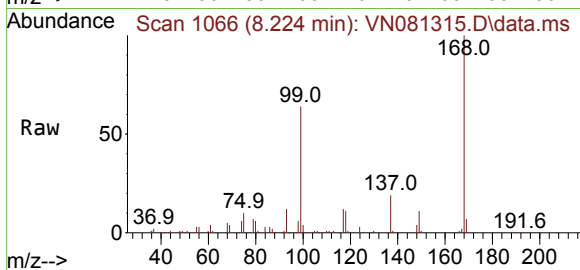
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Instrument :

MSVOA_N

ClientSampleId :

VN0306WBL01



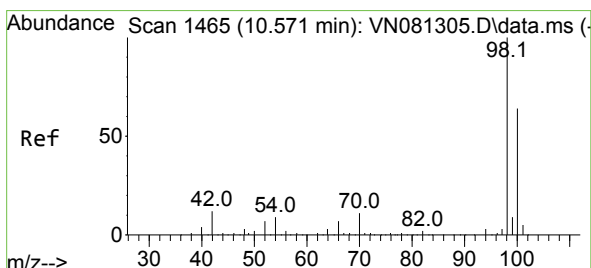
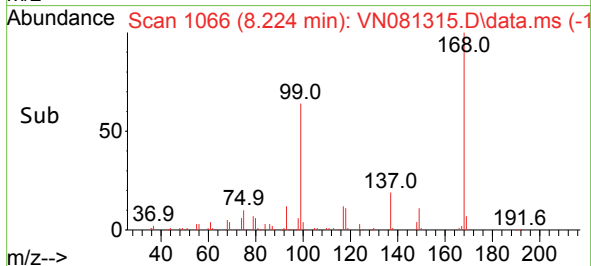
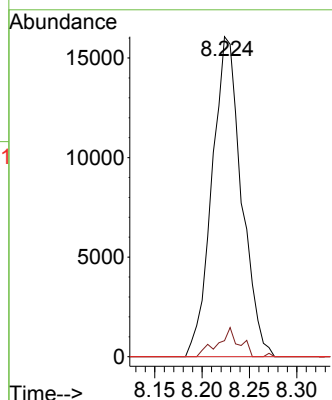
Tgt Ion:117 Resp: 34835

Ion Ratio Lower Upper

117 100

119 5.0 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 51.016 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081315.D

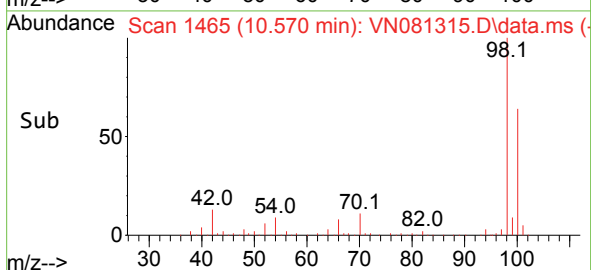
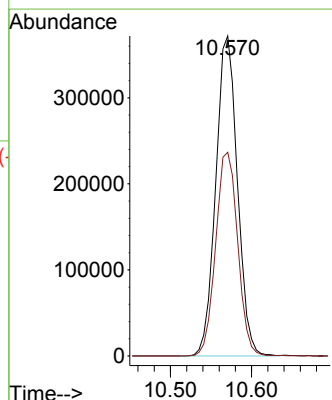
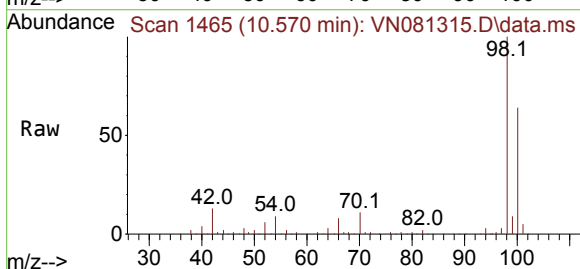
Acq: 06 Mar 2024 10:28

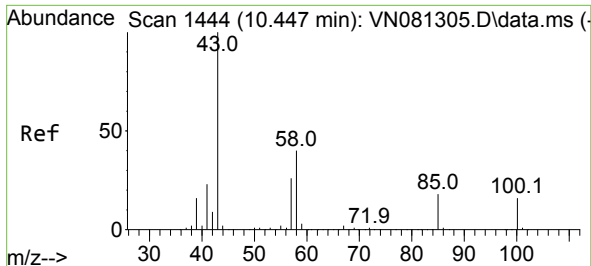
Tgt Ion: 98 Resp: 689020

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.644 ug/l

RT: 10.570 min Scan# 1444

Delta R.T. 0.123 min

Lab File: VN081315.D

Acq: 06 Mar 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

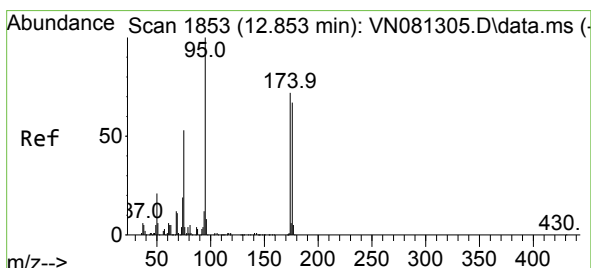
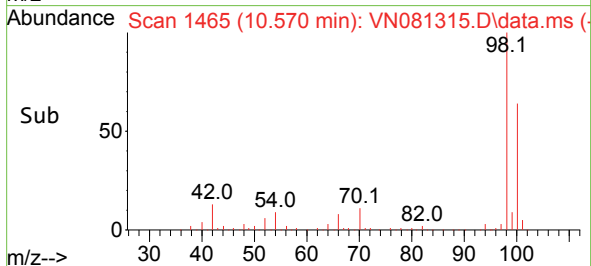
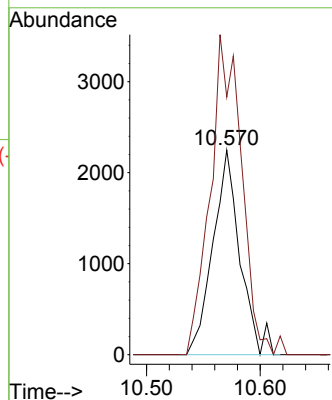
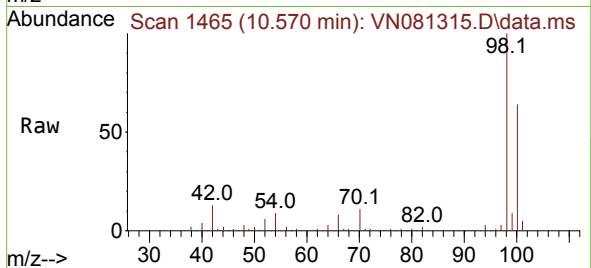
VN0306WBL01

Tgt Ion: 43 Resp: 3731

Ion Ratio Lower Upper

43 100

58 178.9 29.4 44.0#



#62

4-Bromofluorobenzene

Concen: 45.368 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN081315.D

Acq: 06 Mar 2024 10:28

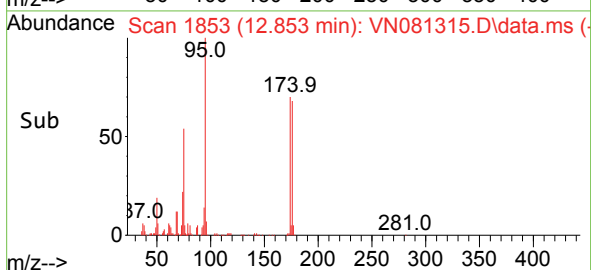
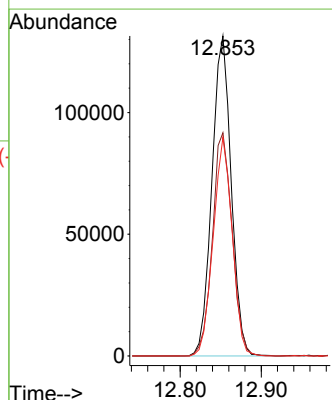
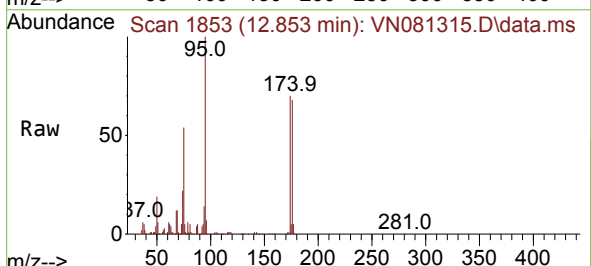
Tgt Ion: 95 Resp: 216568

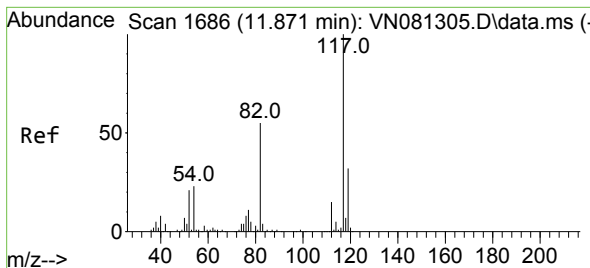
Ion Ratio Lower Upper

95 100

174 71.5 0.0 120.4

176 67.5 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081315.D

Acq: 06 Mar 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

VN0306WBL01

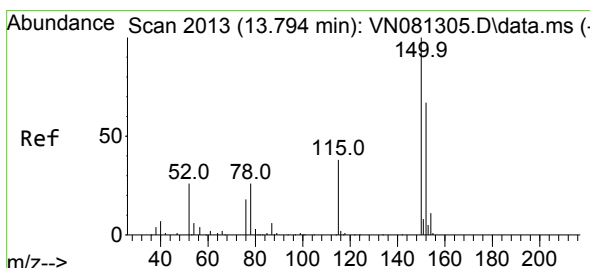
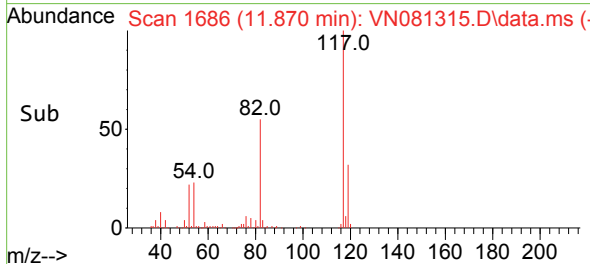
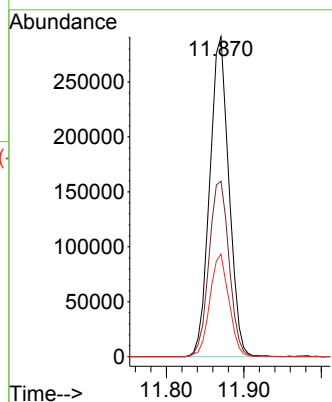
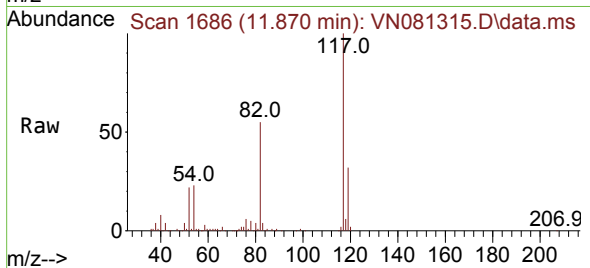
Tgt Ion:117 Resp: 502148

Ion Ratio Lower Upper

117 100

82 54.9 52.7 79.1

119 32.1 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: VN081315.D

Acq: 06 Mar 2024 10:28

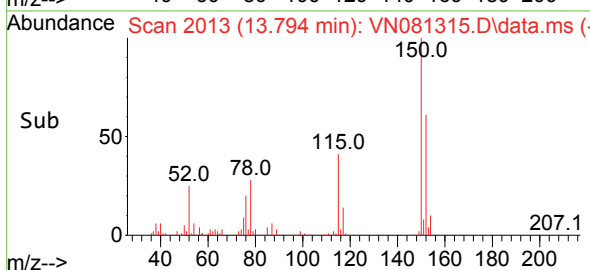
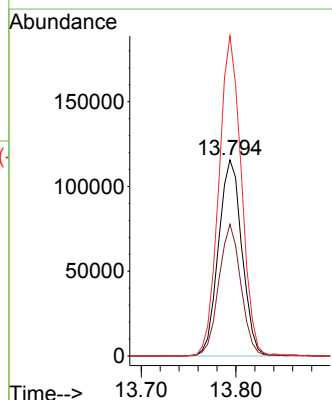
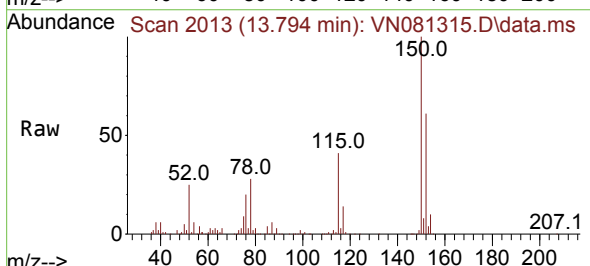
Tgt Ion:152 Resp: 198915

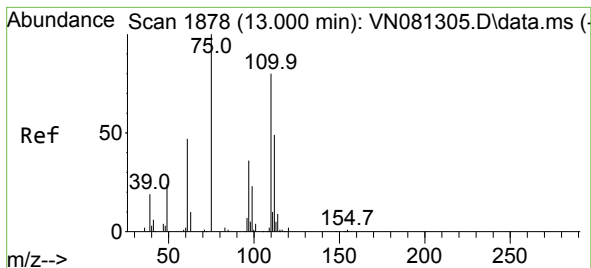
Ion Ratio Lower Upper

152 100

115 63.4 32.3 96.8

150 157.3 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 25.339 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081315.D

Acq: 06 Mar 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

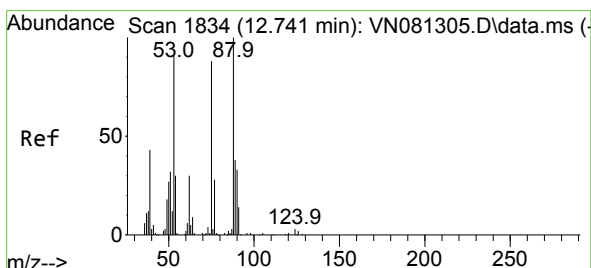
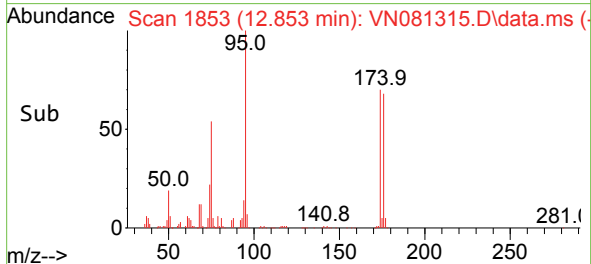
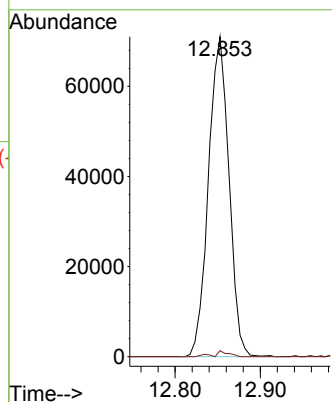
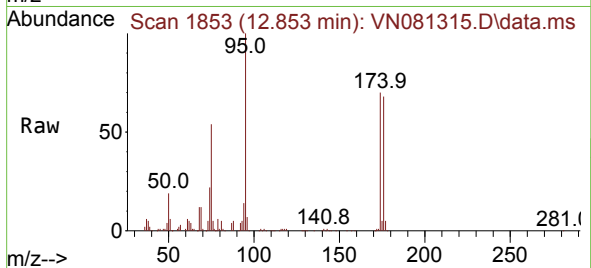
VN0306WBL01

Tgt Ion: 75 Resp: 119049

Ion Ratio Lower Upper

75 100

77 1.3 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.716 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081315.D

Acq: 06 Mar 2024 10:28

Tgt Ion: 75 Resp: 119049

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#

