

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083326.D
 Acq On : 15 Aug 2024 13:10
 Operator : JC\MD
 Sample : P3617-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Aug 16 01:50:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

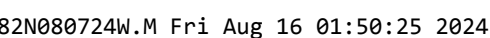
Internal Standards						
1) Pentafluorobenzene	8.224	168	128329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	251863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114574	50.000	ug/l	0.00

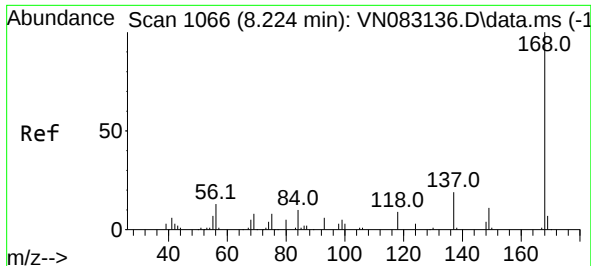
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	106675	58.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.800%
35) Dibromofluoromethane	8.171	113	83676	53.226	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.460%
50) Toluene-d8	10.571	98	313083	53.389	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.780%
62) 4-Bromofluorobenzene	12.853	95	128174	56.064	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.120%

Target Compounds					Qvalue	
3) Chloromethane	2.365	50	931	0.625	ug/l #	75
16) Acetone	4.442	43	1638	2.292	ug/l #	76
31) Cyclohexane	8.230	56	3304	1.221	ug/l #	20
36) 1,1-Dichloropropene	8.230	75	11730	4.932	ug/l #	51
38) Carbon Tetrachloride	8.230	117	14690	5.484	ug/l #	17
43) Isopropyl Acetate	8.688	43	1138	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1665	0.661	ug/l #	1
71) Bromoform	12.841	173	502	0.328	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	70036	27.852	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70036	60.584	ug/l #	6

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

Quant Time: Aug 16 01:50:13 2024
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QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

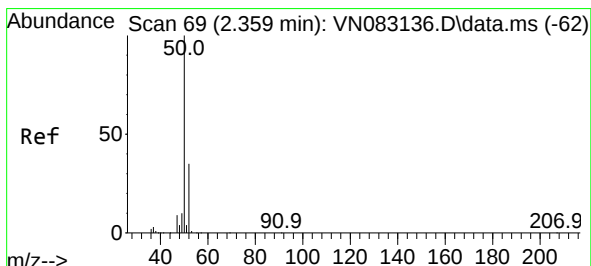
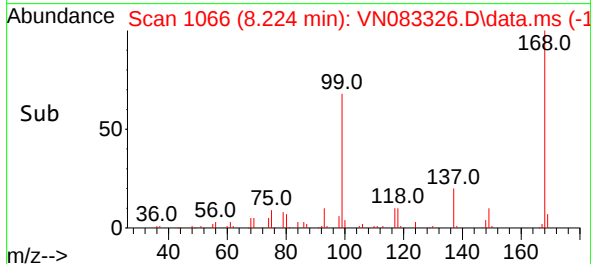
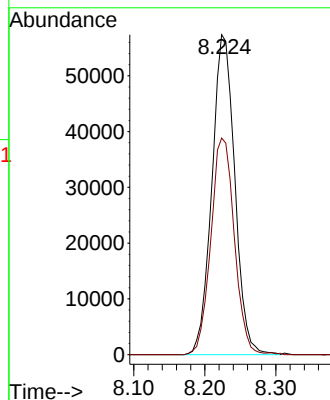
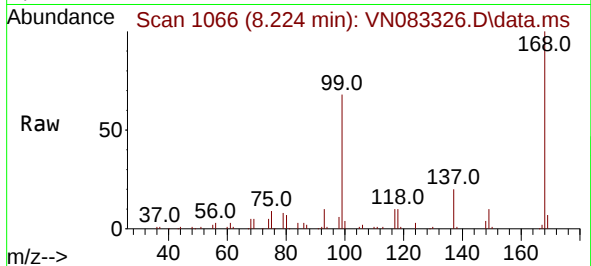




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

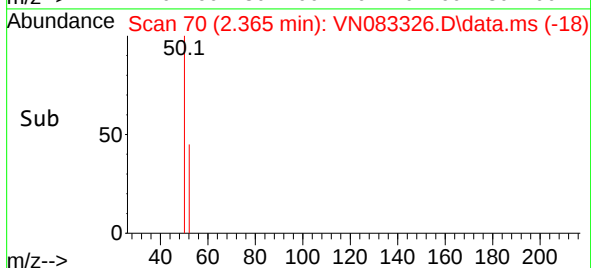
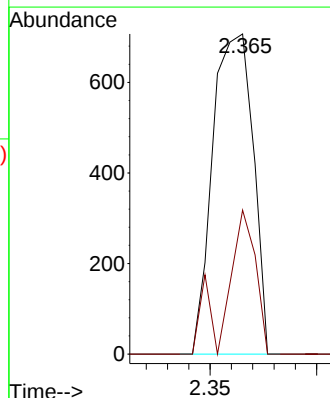
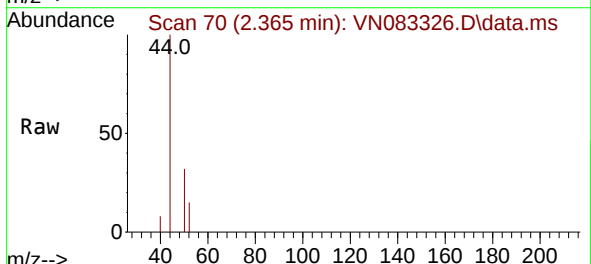
Instrument :
MSVOA_N
ClientSampleId :
TB

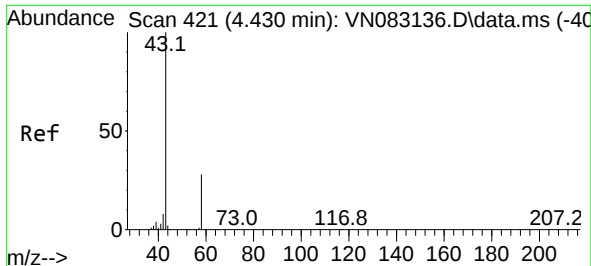
Tgt Ion:168 Resp: 128329
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#3
Chloromethane
Concen: 0.625 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Tgt Ion: 50 Resp: 931
Ion Ratio Lower Upper
50 100
52 45.0 25.0 37.4#

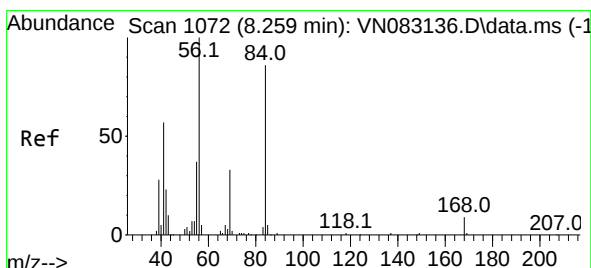
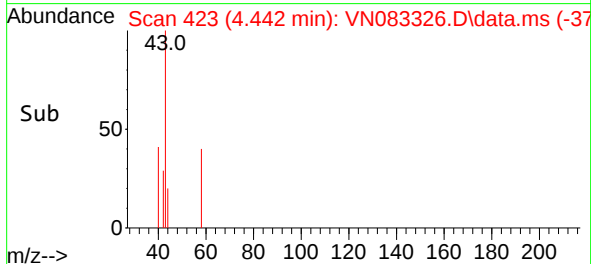
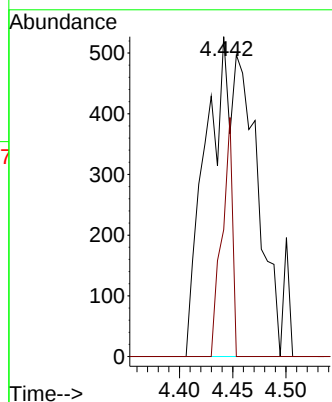
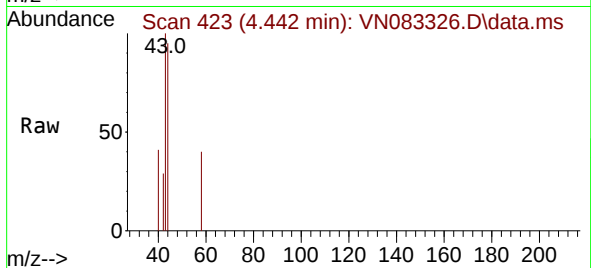




#16
Acetone
Concen: 2.292 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

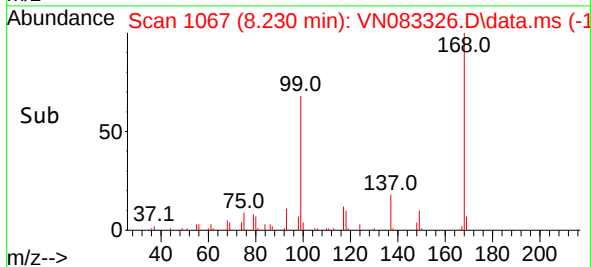
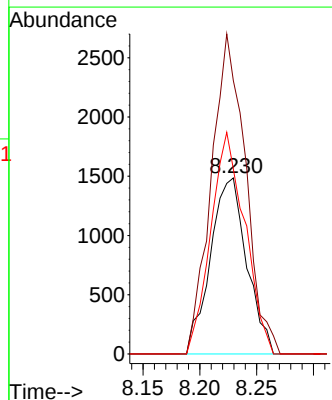
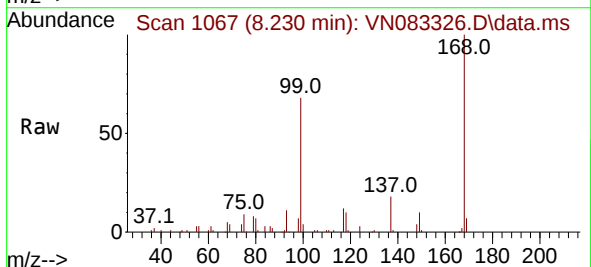
Instrument :
MSVOA_N
ClientSampleId :
TB

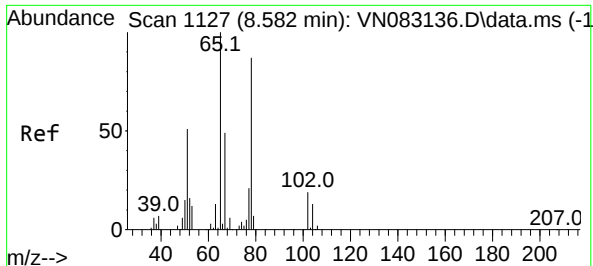
Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
58 39.7 21.8 32.6#



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Tgt Ion: 56 Resp: 3304
Ion Ratio Lower Upper
56 100
69 155.3 24.5 36.7#
84 105.2 66.0 99.0#

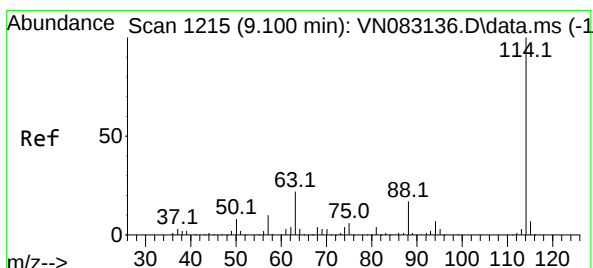
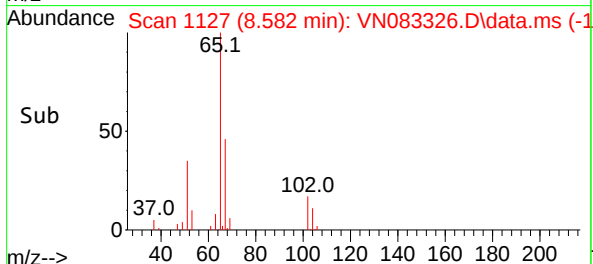
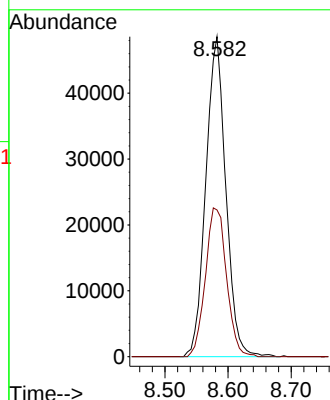
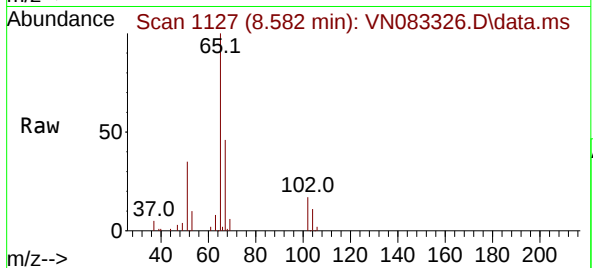




#33
1,2-Dichloroethane-d4
Concen: 58.400 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

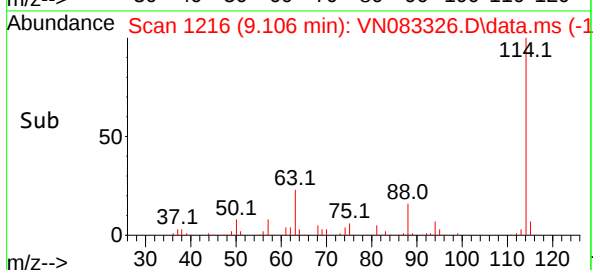
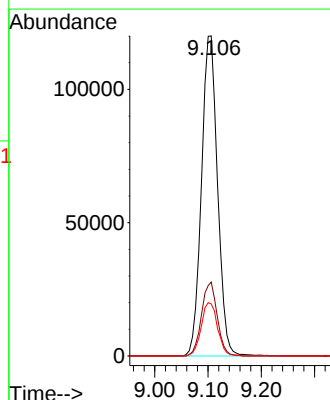
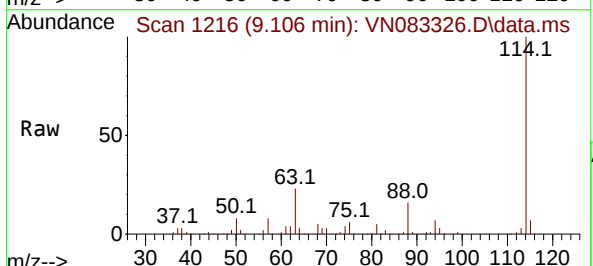
Instrument :
MSVOA_N
ClientSampleId :
TB

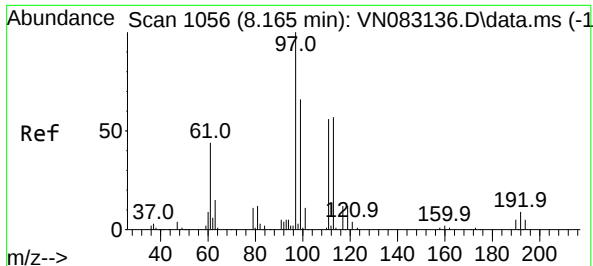
Tgt Ion: 65 Resp: 106675
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Tgt Ion: 114 Resp: 251863
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.6
88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.226 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083326.D

Acq: 15 Aug 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

TB

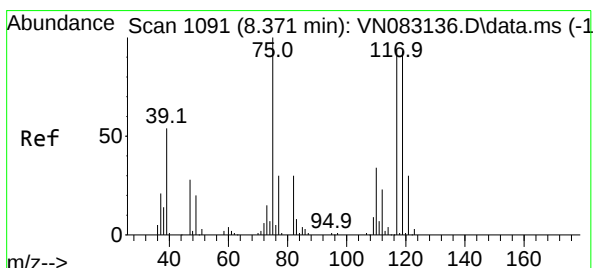
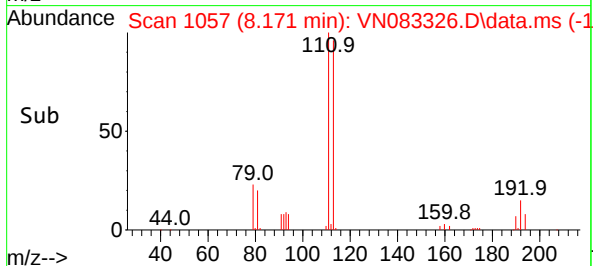
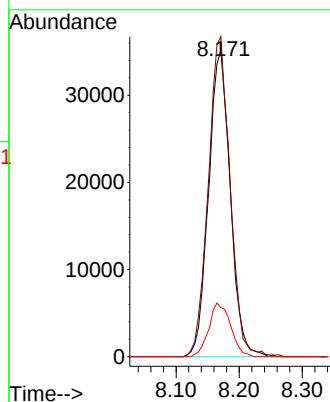
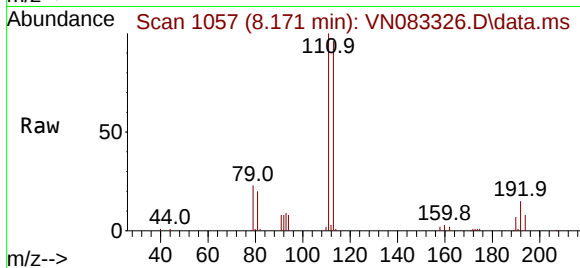
Tgt Ion:113 Resp: 83676

Ion Ratio Lower Upper

113 100

111 105.3 82.4 123.6

192 17.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.932 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083326.D

Acq: 15 Aug 2024 13:10

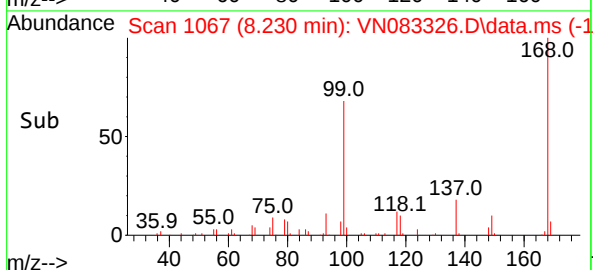
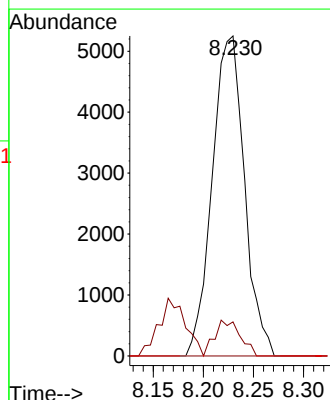
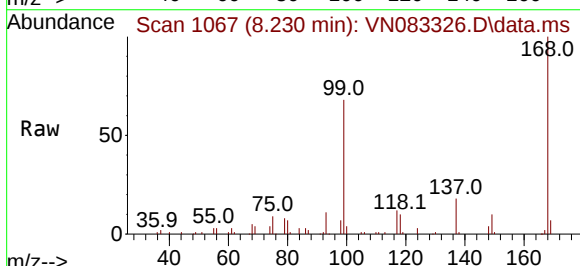
Tgt Ion: 75 Resp: 11730

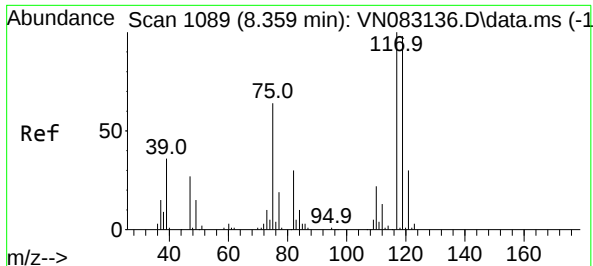
Ion Ratio Lower Upper

75 100

110 8.8 16.3 48.9#

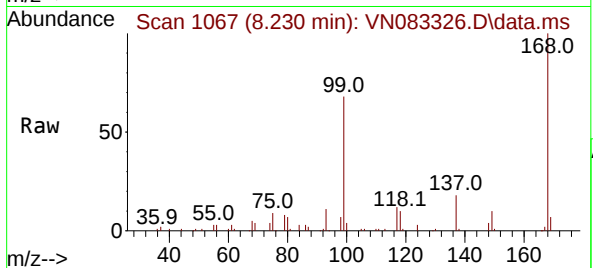
77 0.0 24.6 37.0#



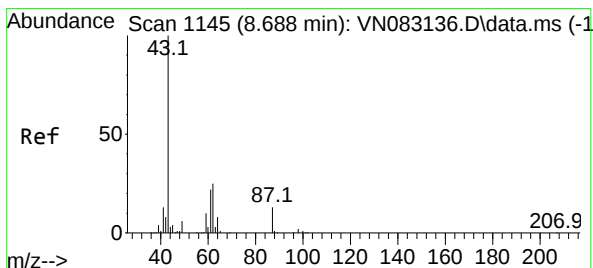
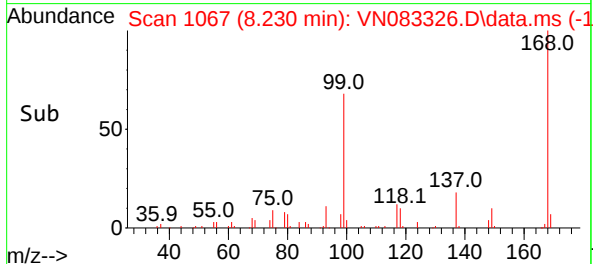
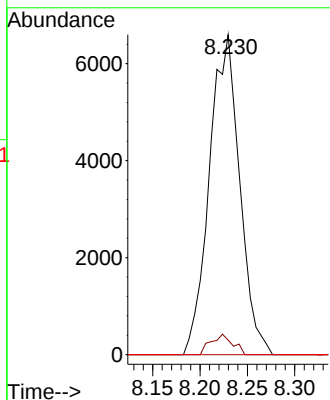


#38
Carbon Tetrachloride
Concen: 5.484 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
TB

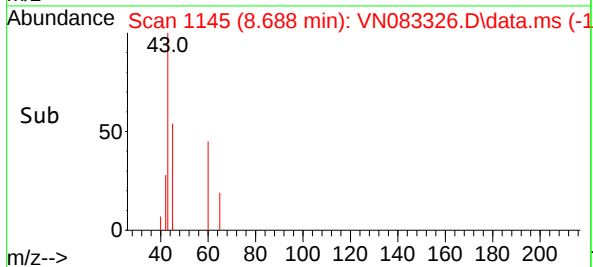
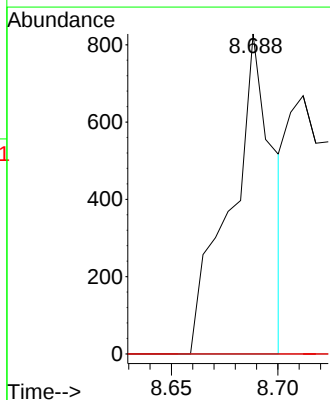
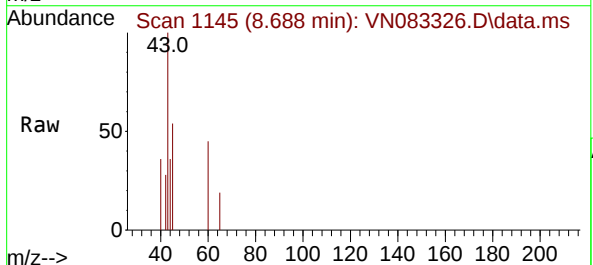


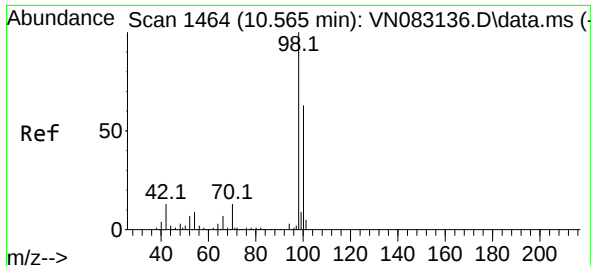
Tgt Ion:117 Resp: 14690
Ion Ratio Lower Upper
117 100
119 4.5 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

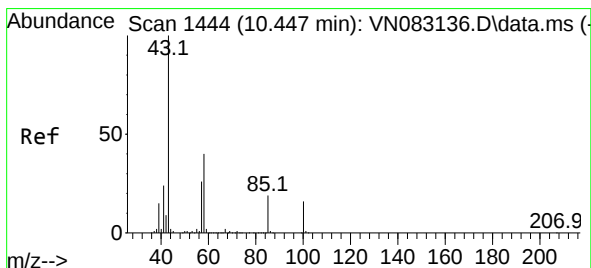
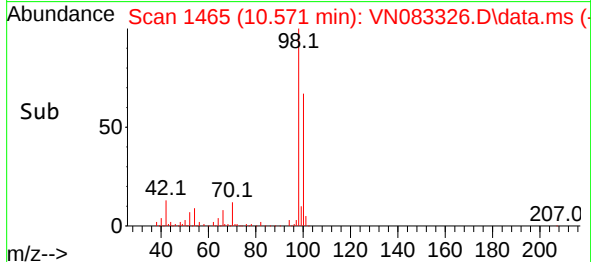
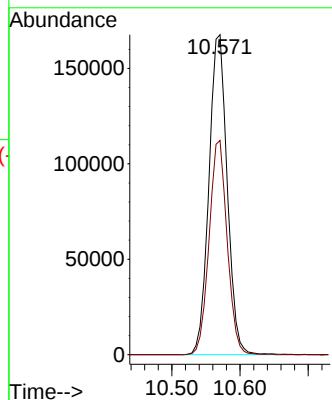
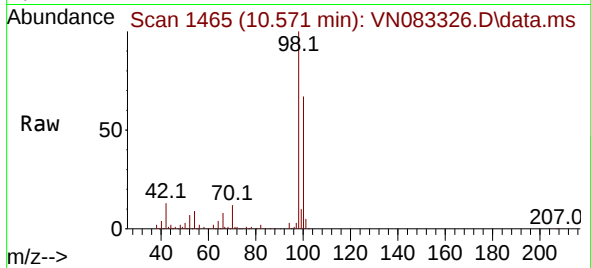




#50
Toluene-d8
Concen: 53.389 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

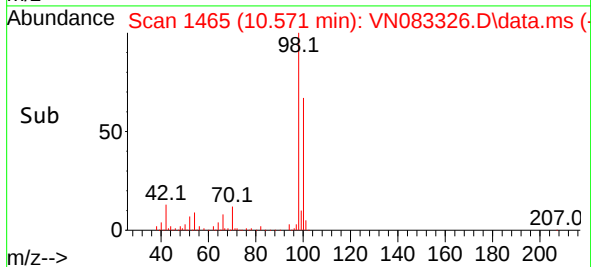
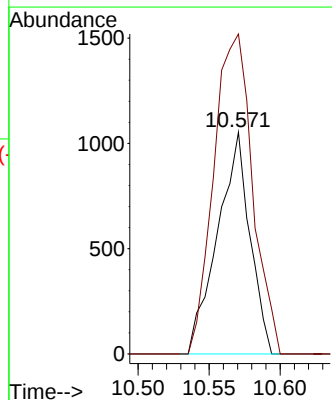
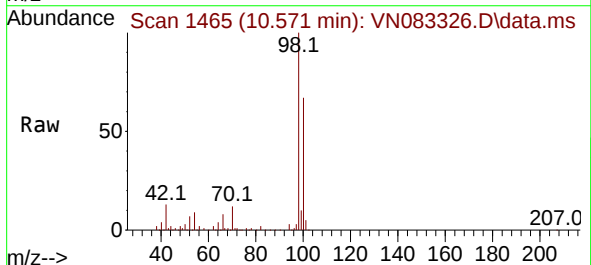
Instrument :
MSVOA_N
ClientSampleId :
TB

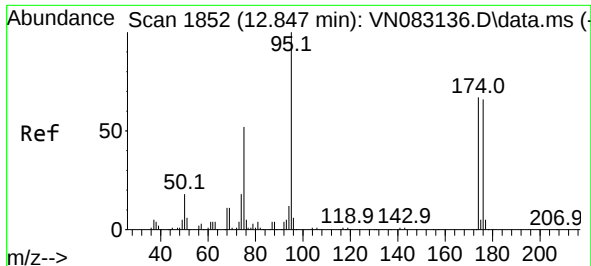
Tgt Ion: 98 Resp: 313083
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.661 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
58 173.3 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 56.064 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083326.D

Acq: 15 Aug 2024 13:10

Instrument :

MSVOA_N

ClientSampleId :

TB

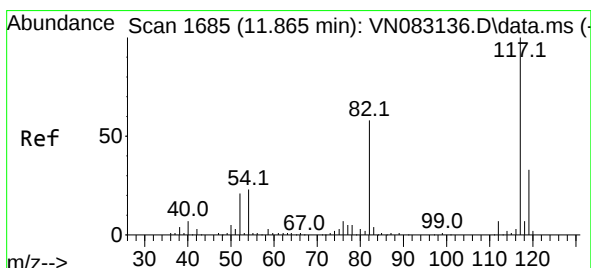
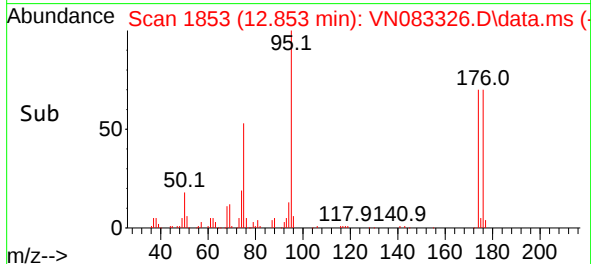
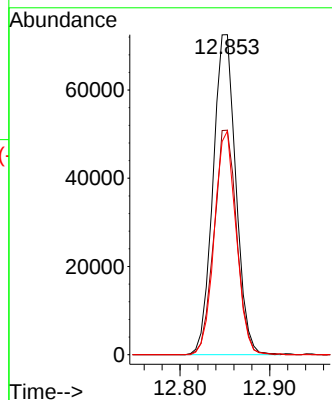
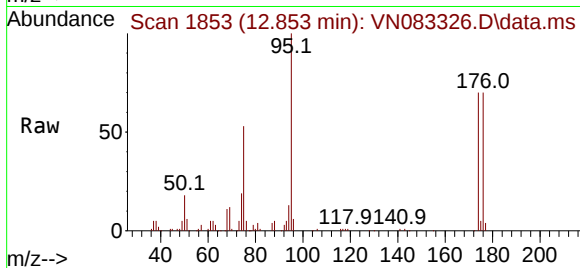
Tgt Ion: 95 Resp: 128174

Ion Ratio Lower Upper

95 100

174 69.6 0.0 159.2

176 66.6 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN083326.D

Acq: 15 Aug 2024 13:10

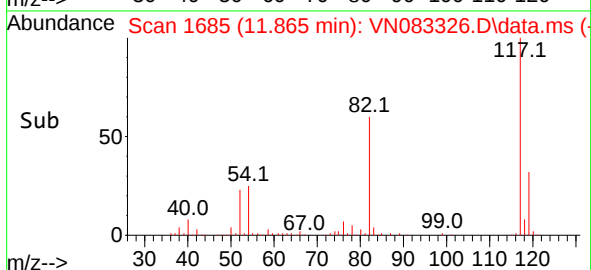
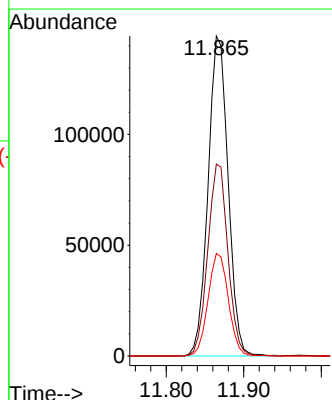
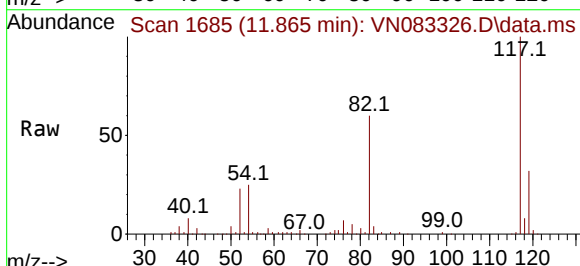
Tgt Ion: 117 Resp: 258981

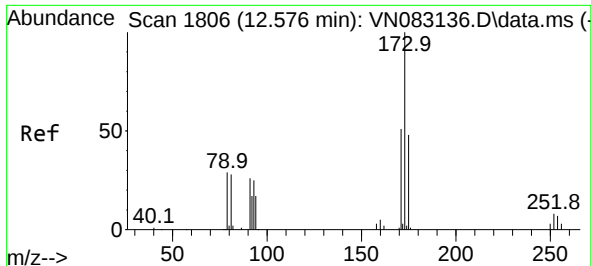
Ion Ratio Lower Upper

117 100

82 59.9 47.5 71.3

119 32.0 25.6 38.4

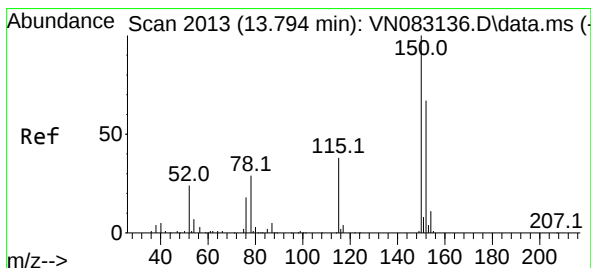
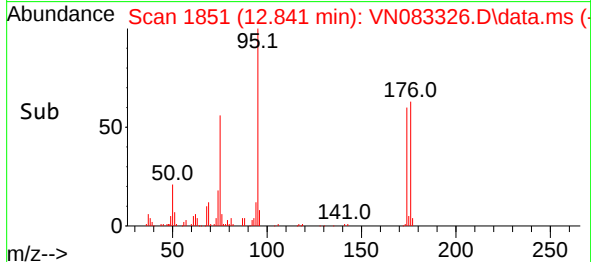
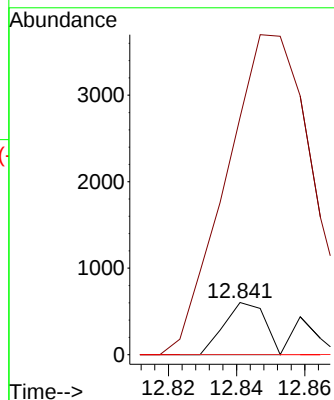
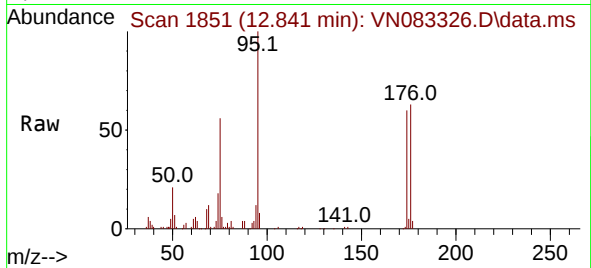




#71
Bromoform
Concen: 0.328 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

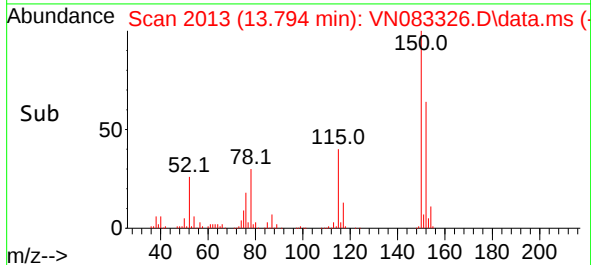
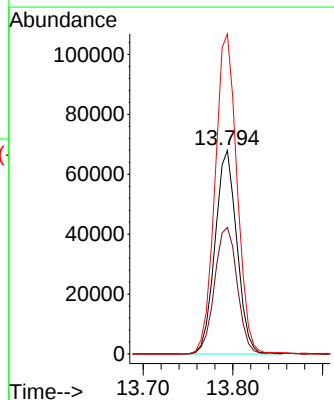
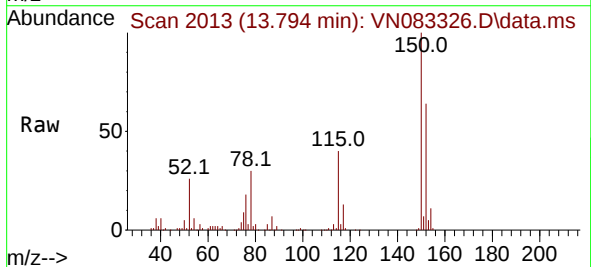
Instrument :
MSVOA_N
ClientSampleId :
TB

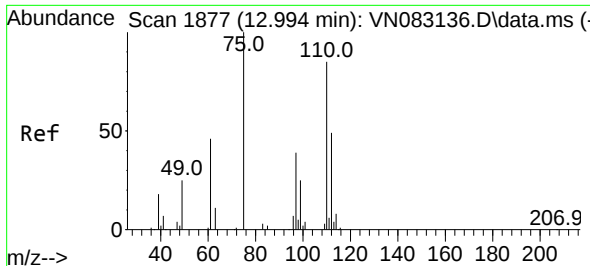
Tgt Ion:173 Resp: 502
Ion Ratio Lower Upper
173 100
175 915.3 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Tgt Ion:152 Resp: 114574
Ion Ratio Lower Upper
152 100
115 64.9 30.6 91.6
150 158.6 0.0 348.6

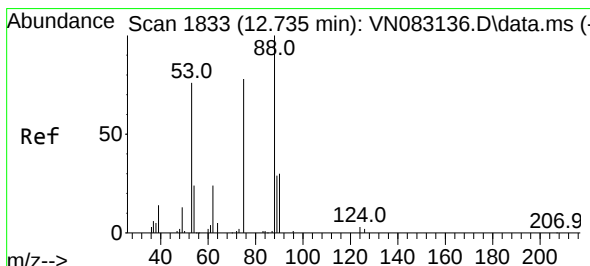
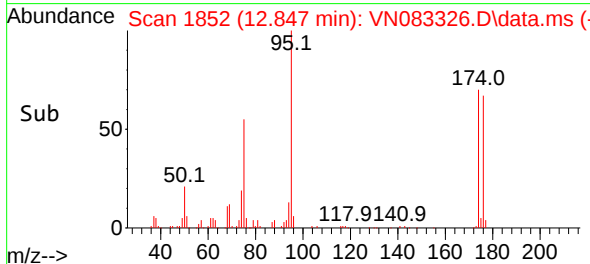
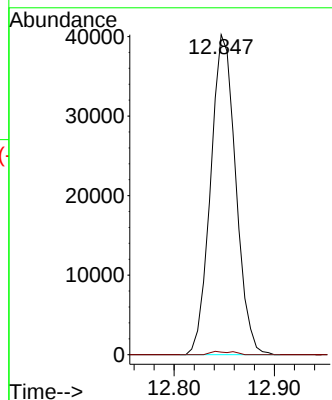
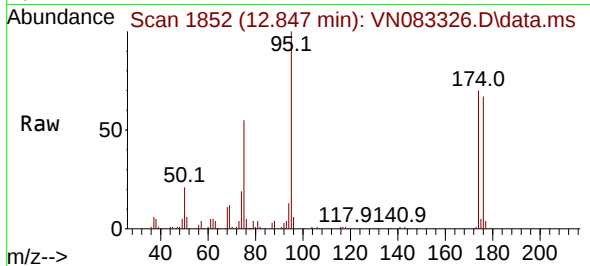




#76
1,2,3-Trichloropropane
Concen: 27.852 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion: 75 Resp: 70036
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.584 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083326.D
Acq: 15 Aug 2024 13:10

Tgt Ion: 75 Resp: 70036
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

