

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083353.D
 Acq On : 16 Aug 2024 14:51
 Operator : JC\MD
 Sample : P3456-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Aug 17 01:46:40 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)

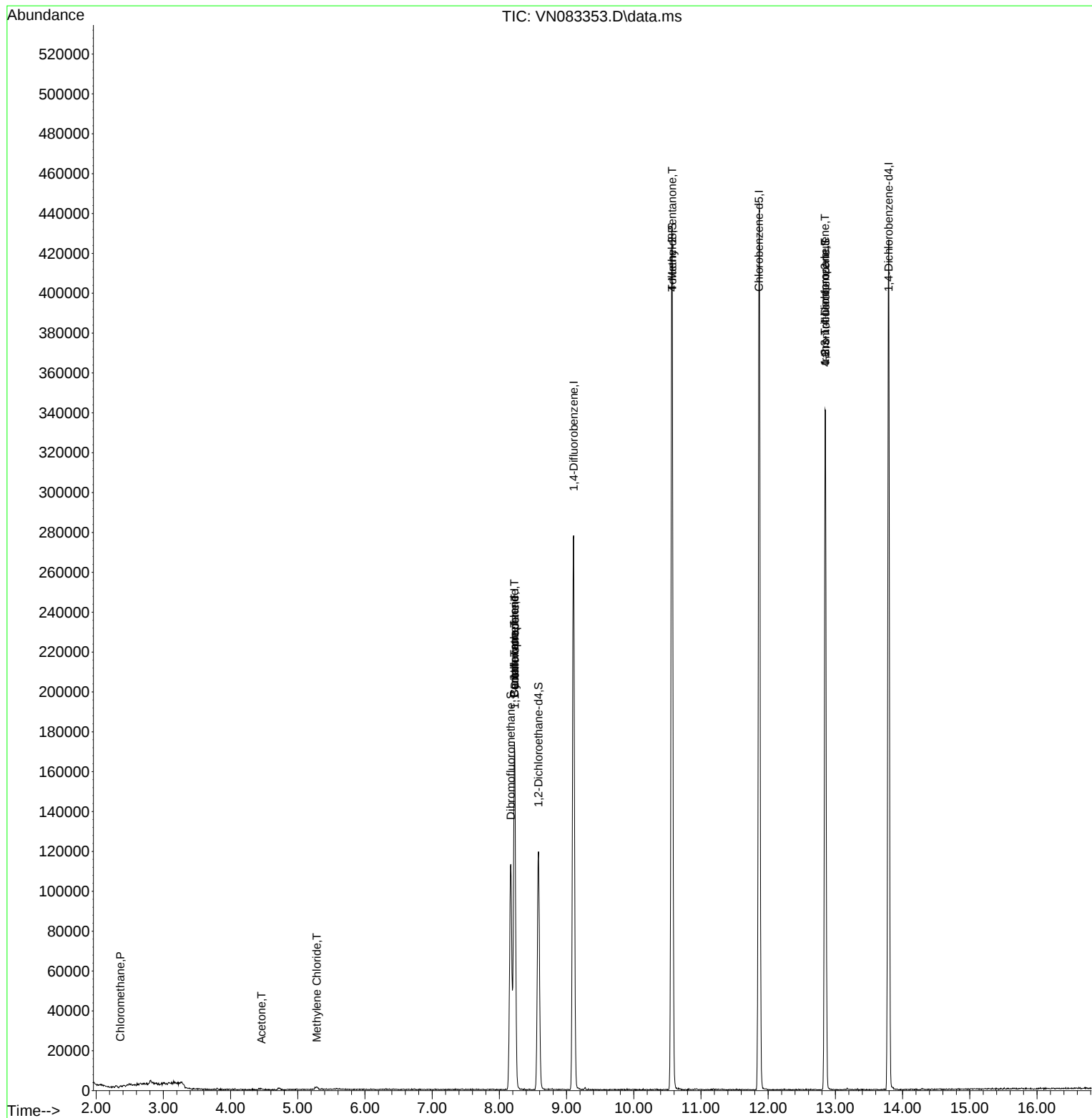
Internal Standards						
1) Pentafluorobenzene	8.224	168	119006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	234196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103613	61.168	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 122.340%		
35) Dibromofluoromethane	8.171	113	82120	56.177	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 112.360%		
50) Toluene-d8	10.571	98	302035	55.390	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 110.780%		
62) 4-Bromofluorobenzene	12.853	95	123486	58.088	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 116.180%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	521	0.377	ug/l #	43
16) Acetone	4.459	43	1082	1.632	ug/l #	48
20) Methylene Chloride	5.283	84	677	0.444	ug/l #	72
31) Cyclohexane	8.224	56	2946	1.174	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	10437	4.720	ug/l #	53
38) Carbon Tetrachloride	8.224	117	13316	5.346	ug/l #	16
43) Isopropyl Acetate	8.724	43	113	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1466	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68629	28.377	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68629	61.727	ug/l #	6

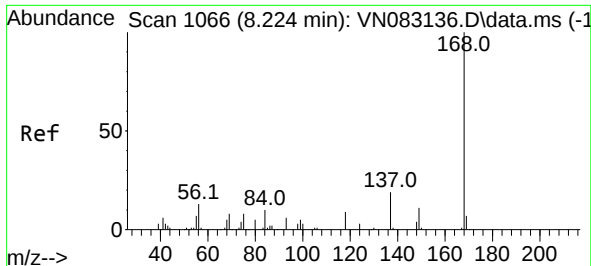
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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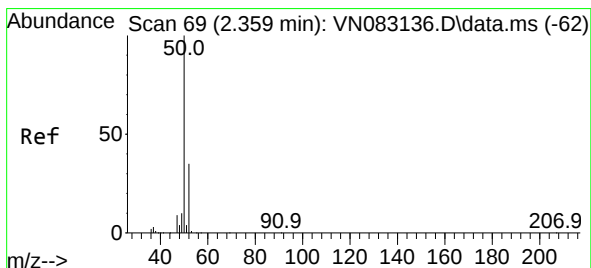
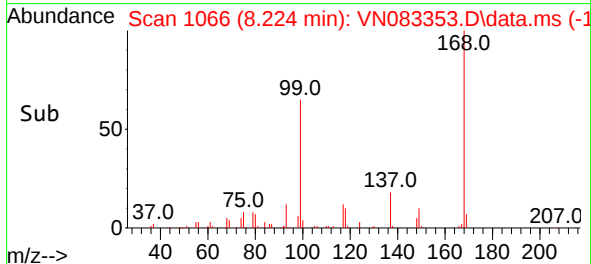
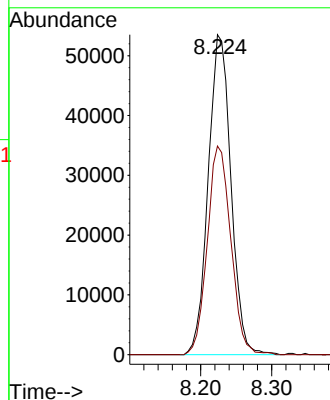
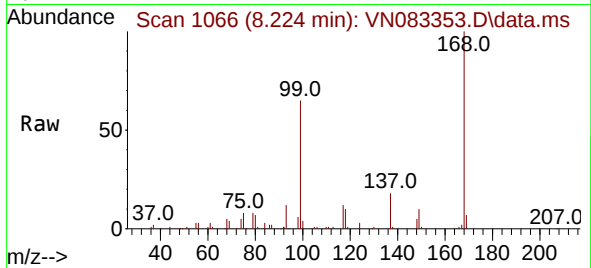




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

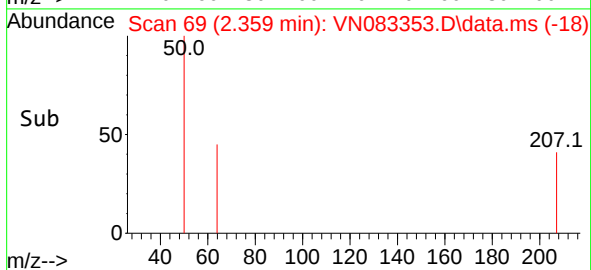
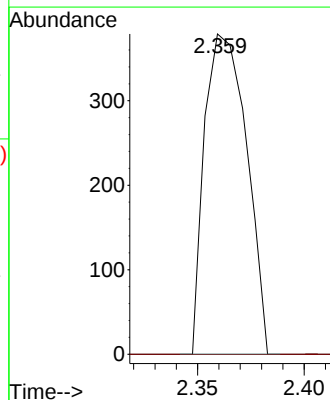
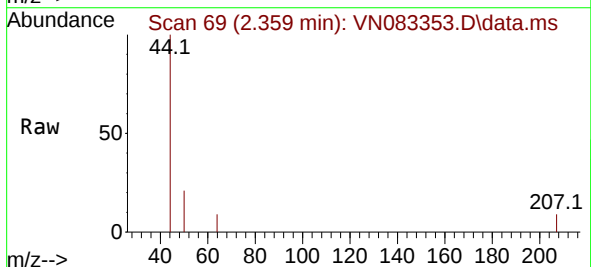
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-4

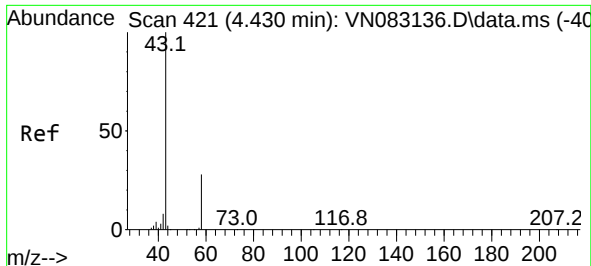
Tgt Ion:168 Resp: 119006
Ion Ratio Lower Upper
168 100
99 65.2 48.2 72.4



#3
Chloromethane
Concen: 0.377 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

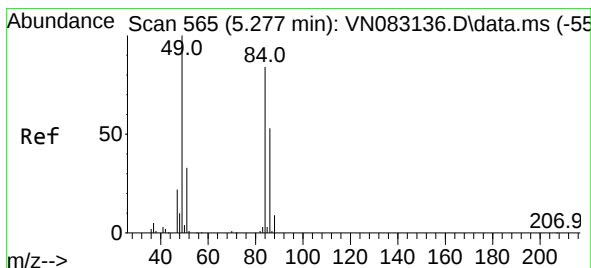
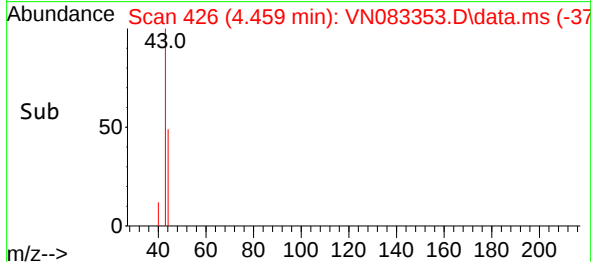
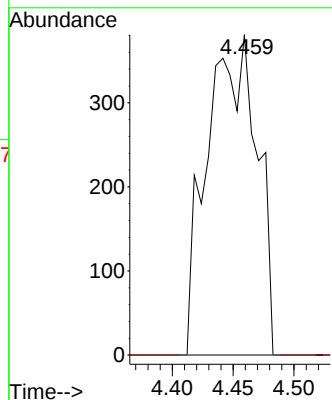
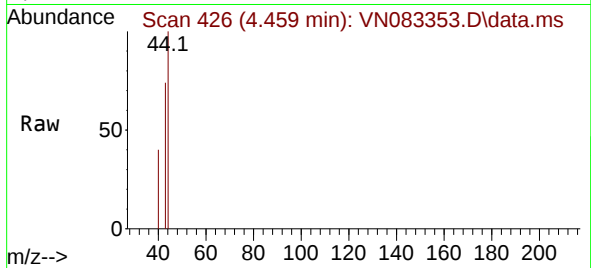




#16
Acetone
Concen: 1.632 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

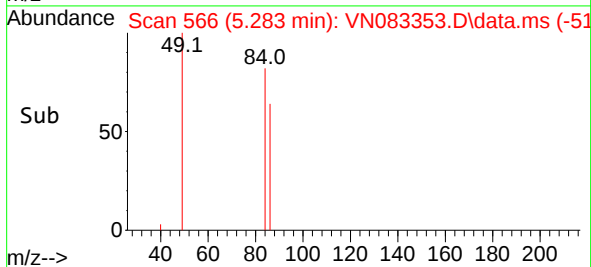
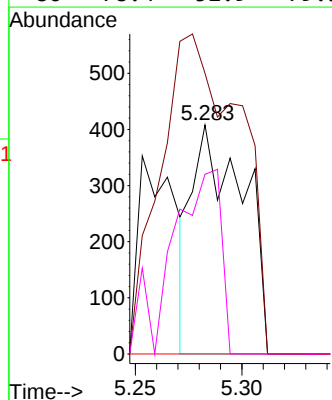
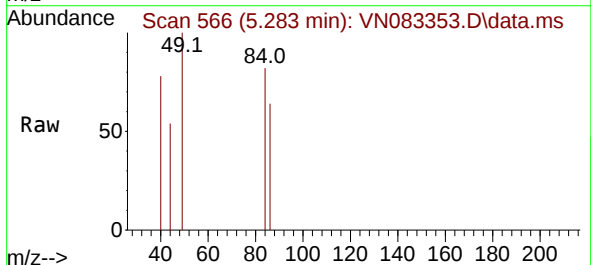
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

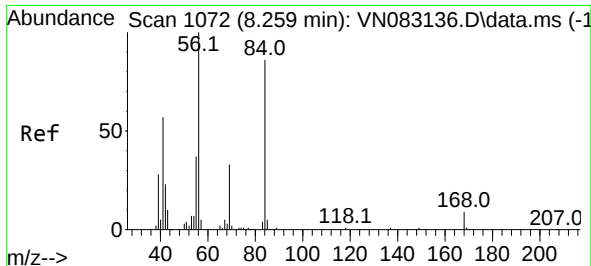
Tgt Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.444 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

Tgt Ion: 84 Resp: 677
Ion Ratio Lower Upper
84 100
49 122.5 119.6 179.4
51 0.0 34.8 52.2#
86 78.4 52.9 79.3

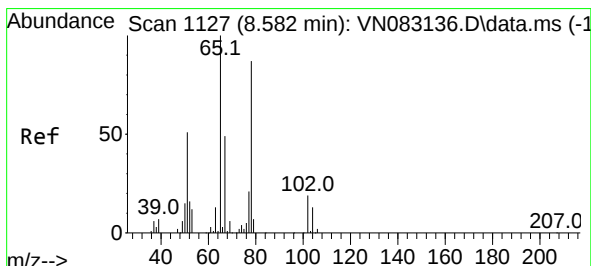
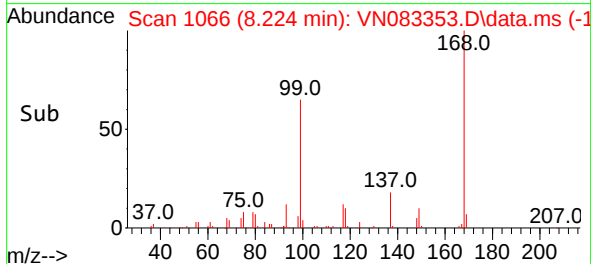
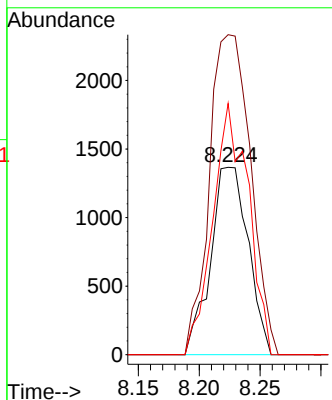
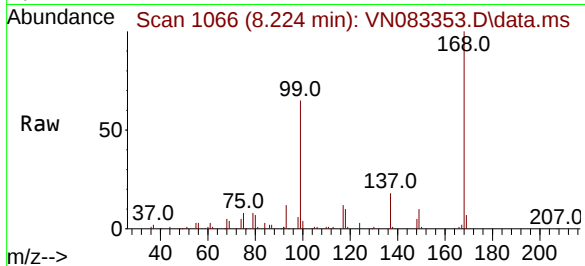




#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

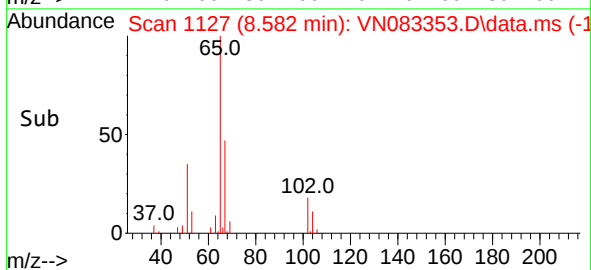
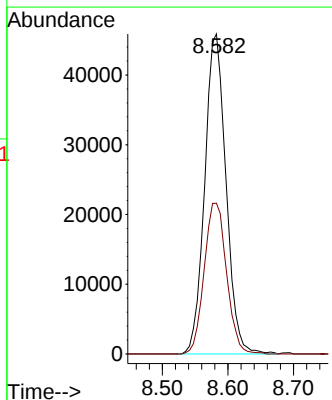
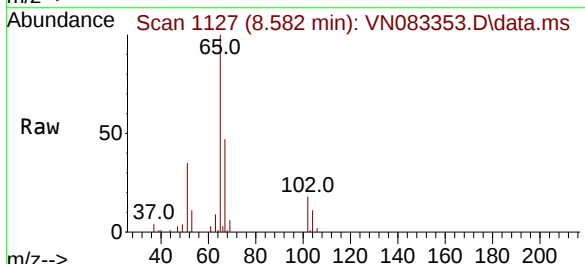
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-WATER-REF-4

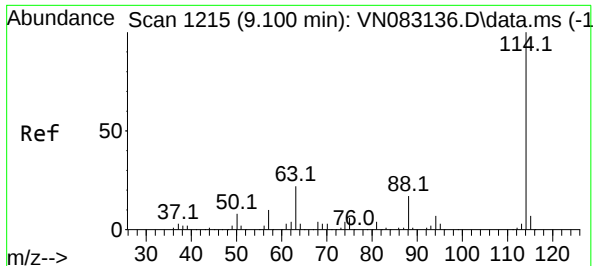
Tgt Ion: 56 Resp: 2946
Ion Ratio Lower Upper
56 100
69 170.7 24.5 36.7#
84 134.0 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 61.168 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

Tgt Ion: 65 Resp: 103613
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083353.D

Acq: 16 Aug 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-WATER-REF-4

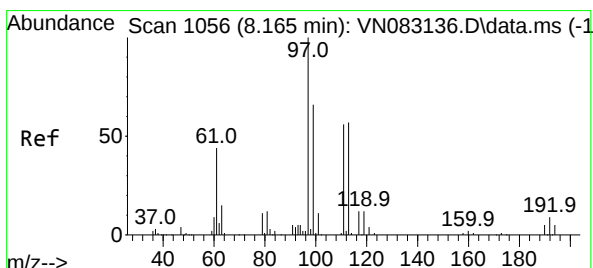
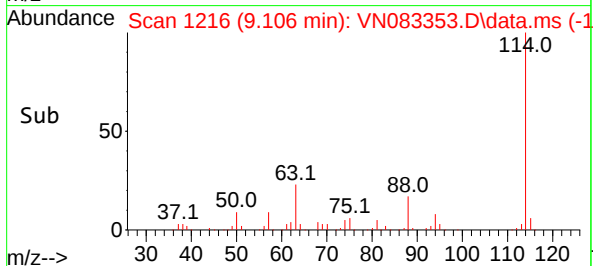
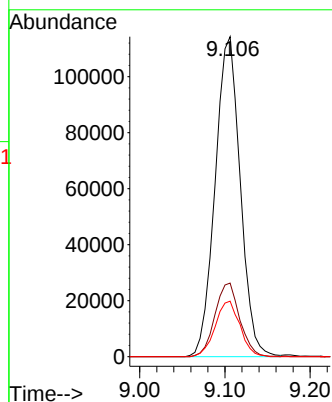
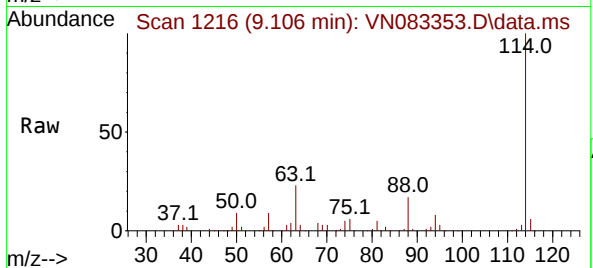
Tgt Ion:114 Resp: 234196

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 17.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 56.177 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083353.D

Acq: 16 Aug 2024 14:51

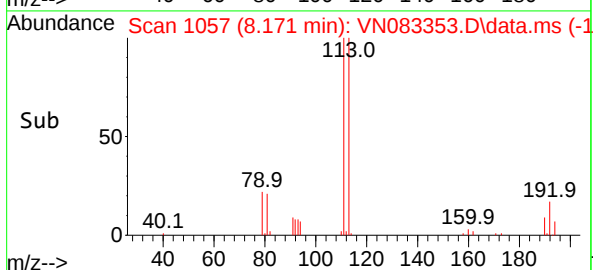
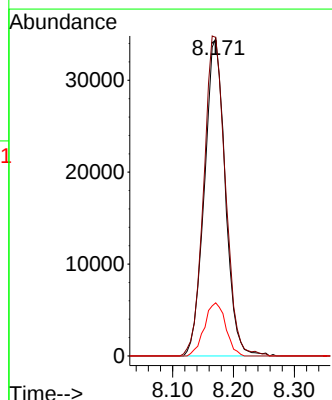
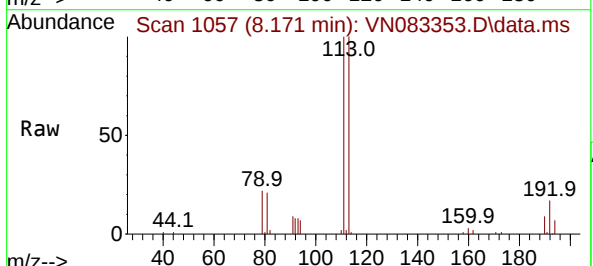
Tgt Ion:113 Resp: 82120

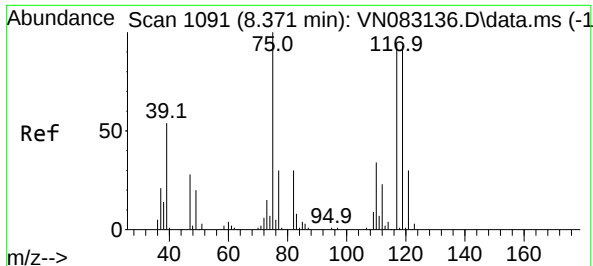
Ion Ratio Lower Upper

113 100

111 104.5 82.4 123.6

192 17.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.720 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083353.D

Acq: 16 Aug 2024 14:51

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ClientSampleId :

Storage-Blank-WATER-REF-4

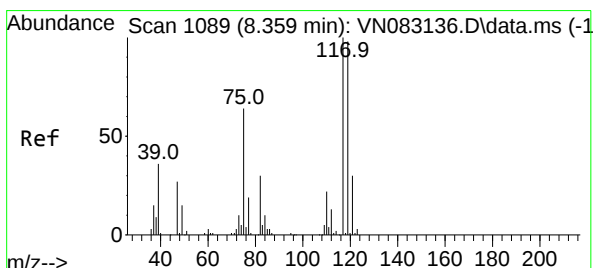
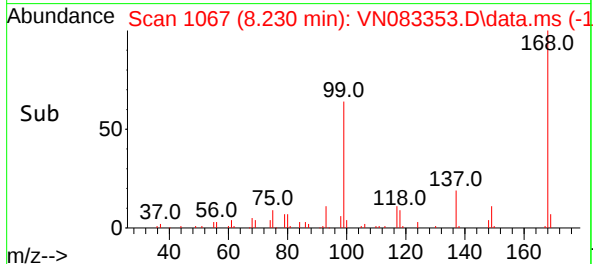
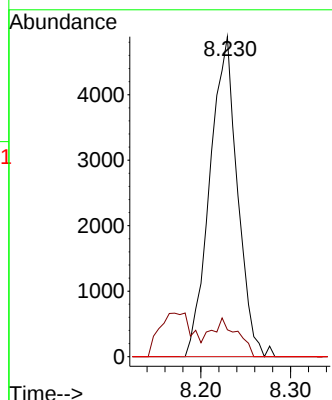
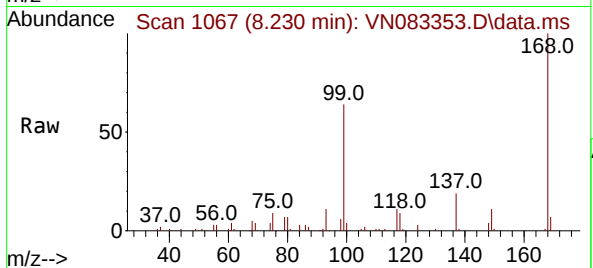
Tgt Ion: 75 Resp: 10437

Ion Ratio Lower Upper

75 100

110 11.5 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.346 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083353.D

Acq: 16 Aug 2024 14:51

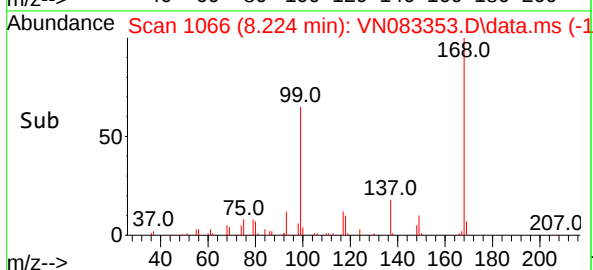
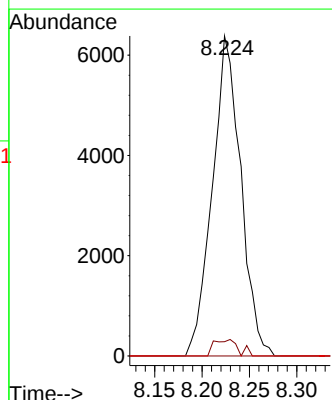
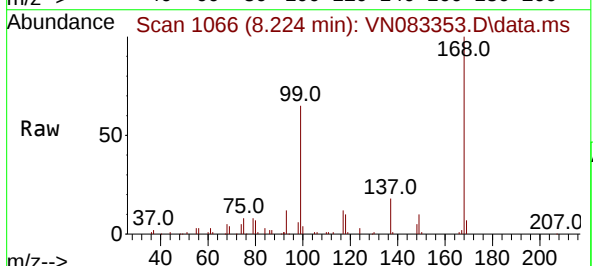
Tgt Ion: 117 Resp: 13316

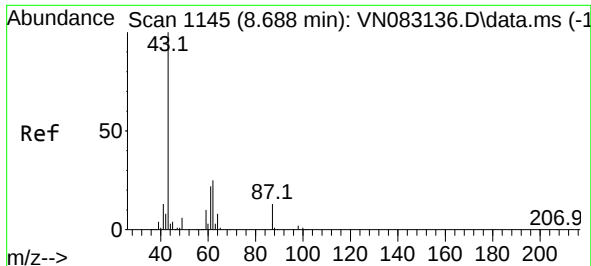
Ion Ratio Lower Upper

117 100

119 4.4 74.9 112.3#

121 0.0 24.3 36.5#

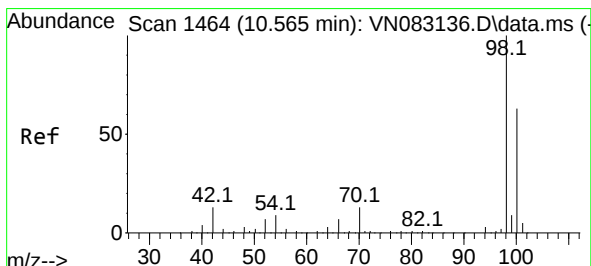
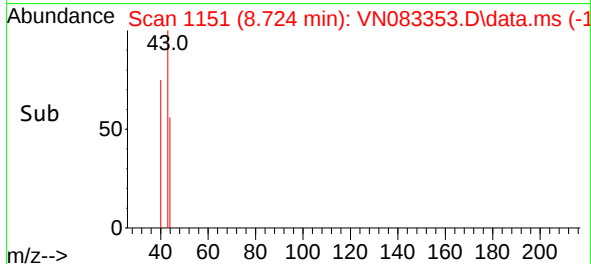
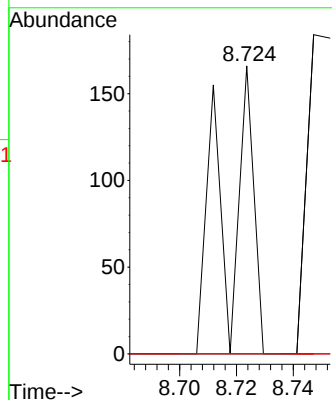
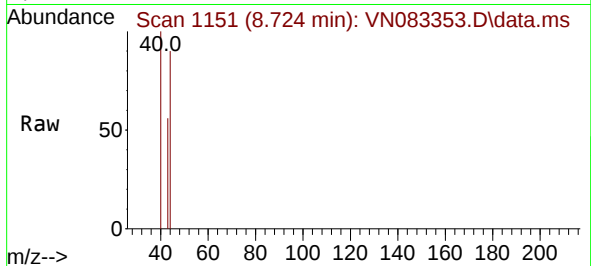




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.724 min Scan# 1145
Delta R.T. 0.036 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

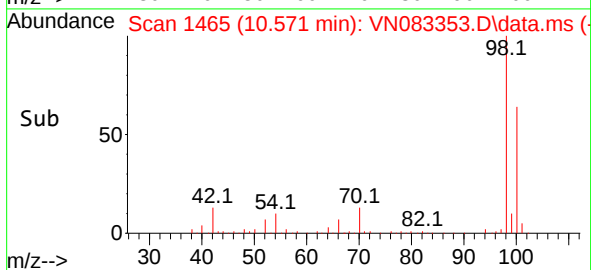
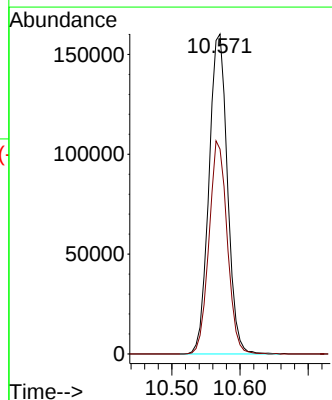
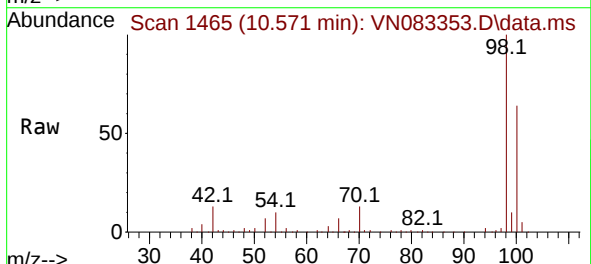
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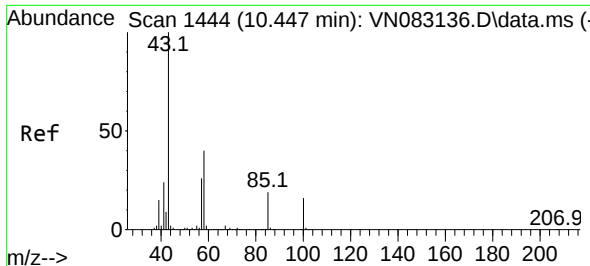
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 55.390 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

Tgt Ion: 98 Resp: 302035
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3

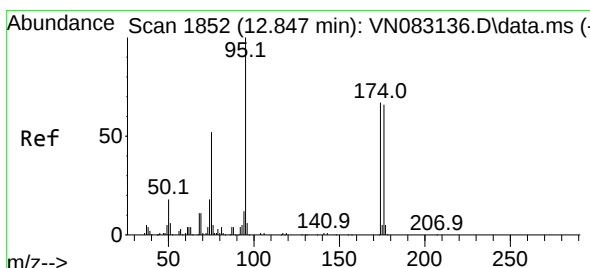
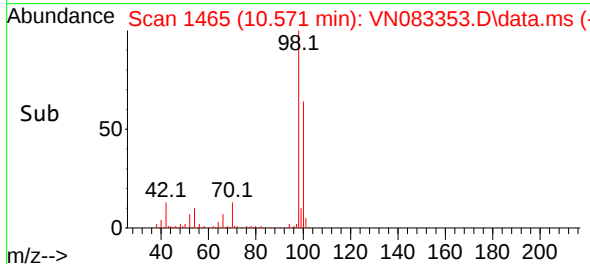
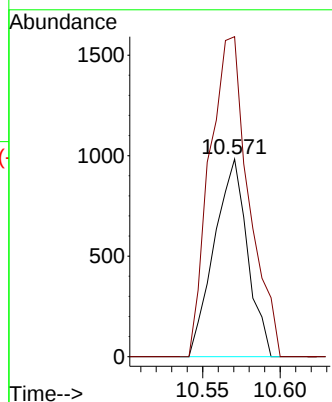
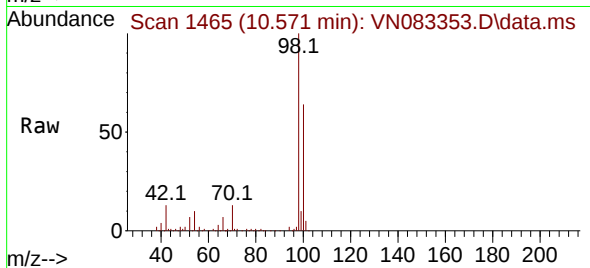




#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

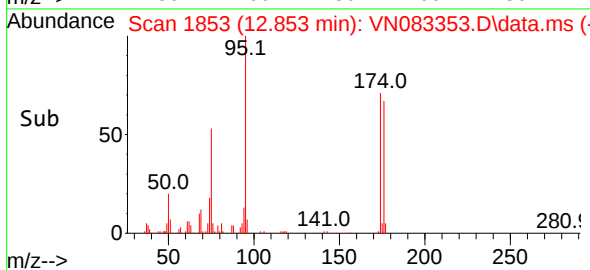
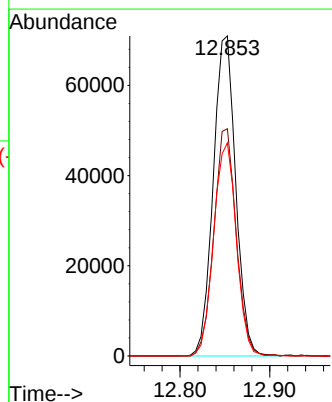
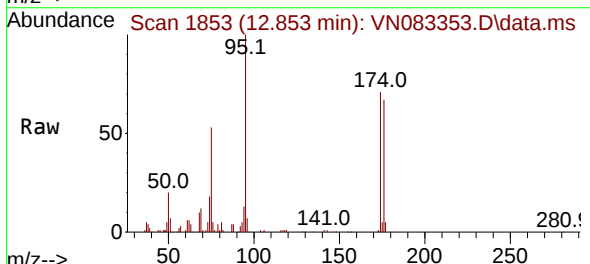
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

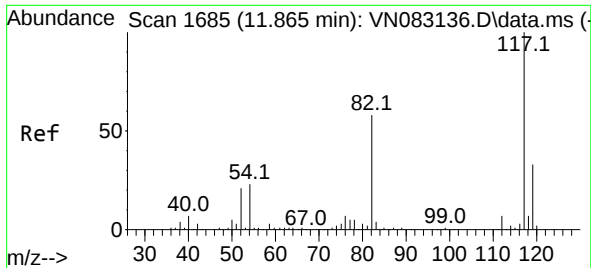
Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
58 190.7 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 58.088 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

Tgt Ion: 95 Resp: 123486
Ion Ratio Lower Upper
95 100
174 70.6 0.0 159.2
176 67.1 0.0 147.6

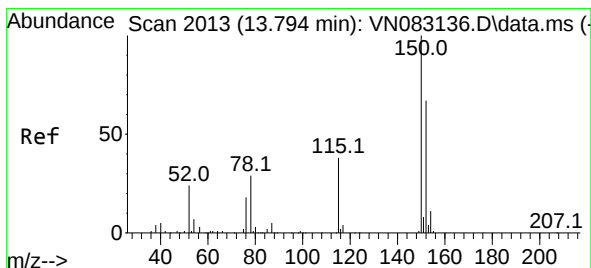
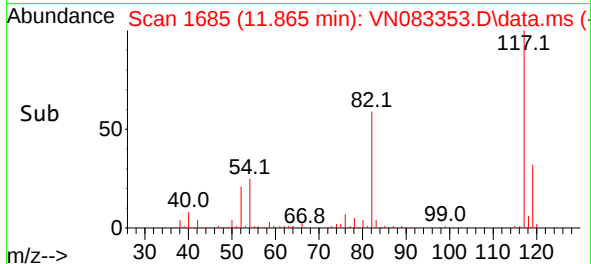
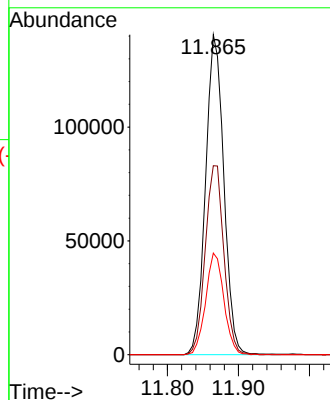
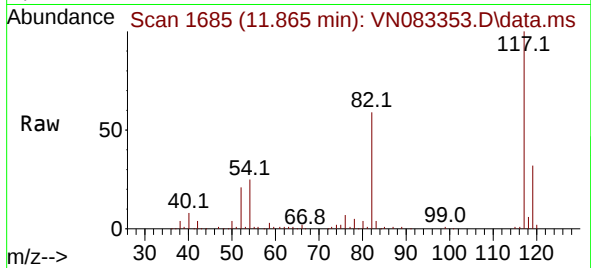




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

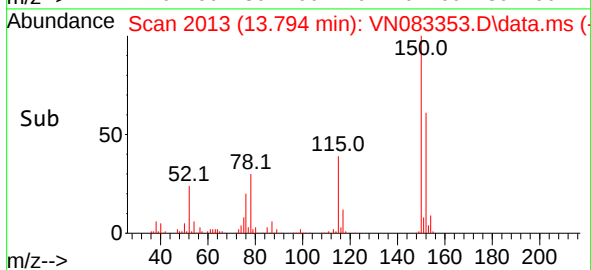
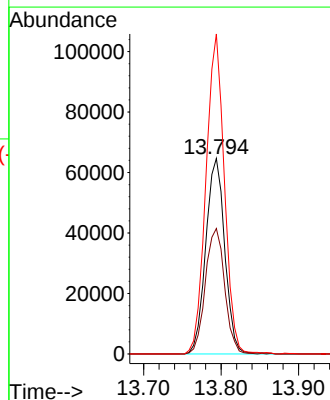
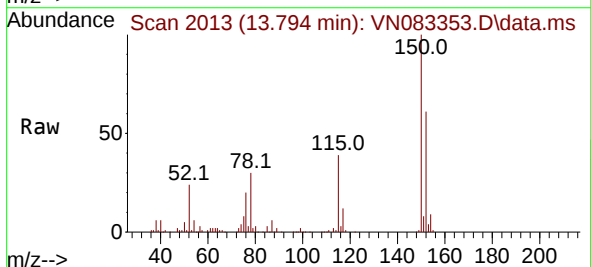
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-WATER-REF-4

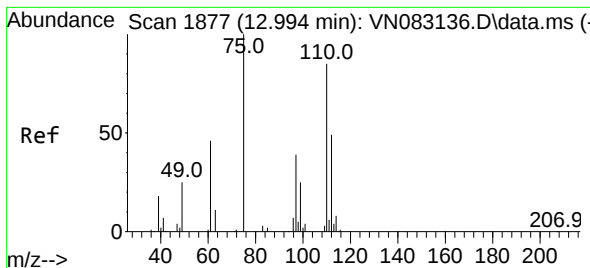
Tgt Ion:117 Resp: 251415
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083353.D
Acq: 16 Aug 2024 14:51

Tgt Ion:152 Resp: 110193
Ion Ratio Lower Upper
152 100
115 65.0 30.6 91.6
150 158.2 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.377 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083353.D

Acq: 16 Aug 2024 14:51

Instrument :

MSVOA_N

ClientSampleId :

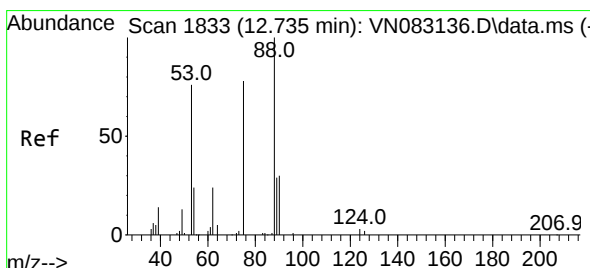
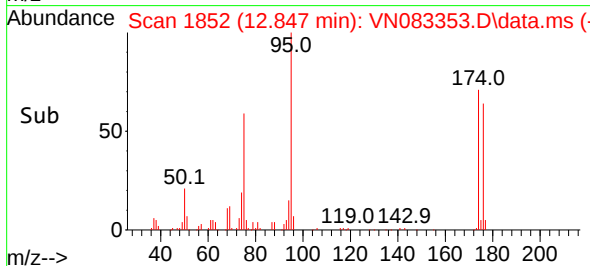
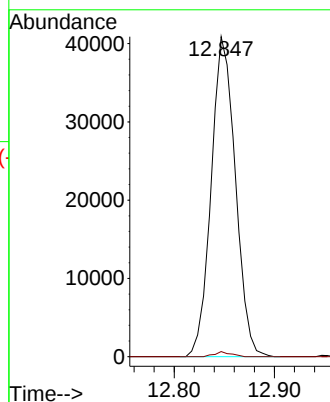
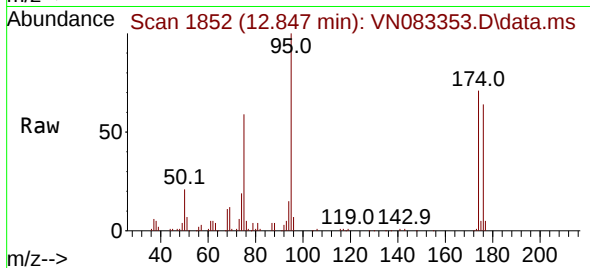
Storage-Blank-WATER-REF-4

Tgt Ion: 75 Resp: 68629

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.727 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083353.D

Acq: 16 Aug 2024 14:51

Tgt Ion: 75 Resp: 68629

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

