

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032824\
 Data File : VN081597.D
 Acq On : 28 Mar 2024 11:10
 Operator : JC\MD
 Sample : VN0328WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

Quant Time: Mar 29 02:44:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

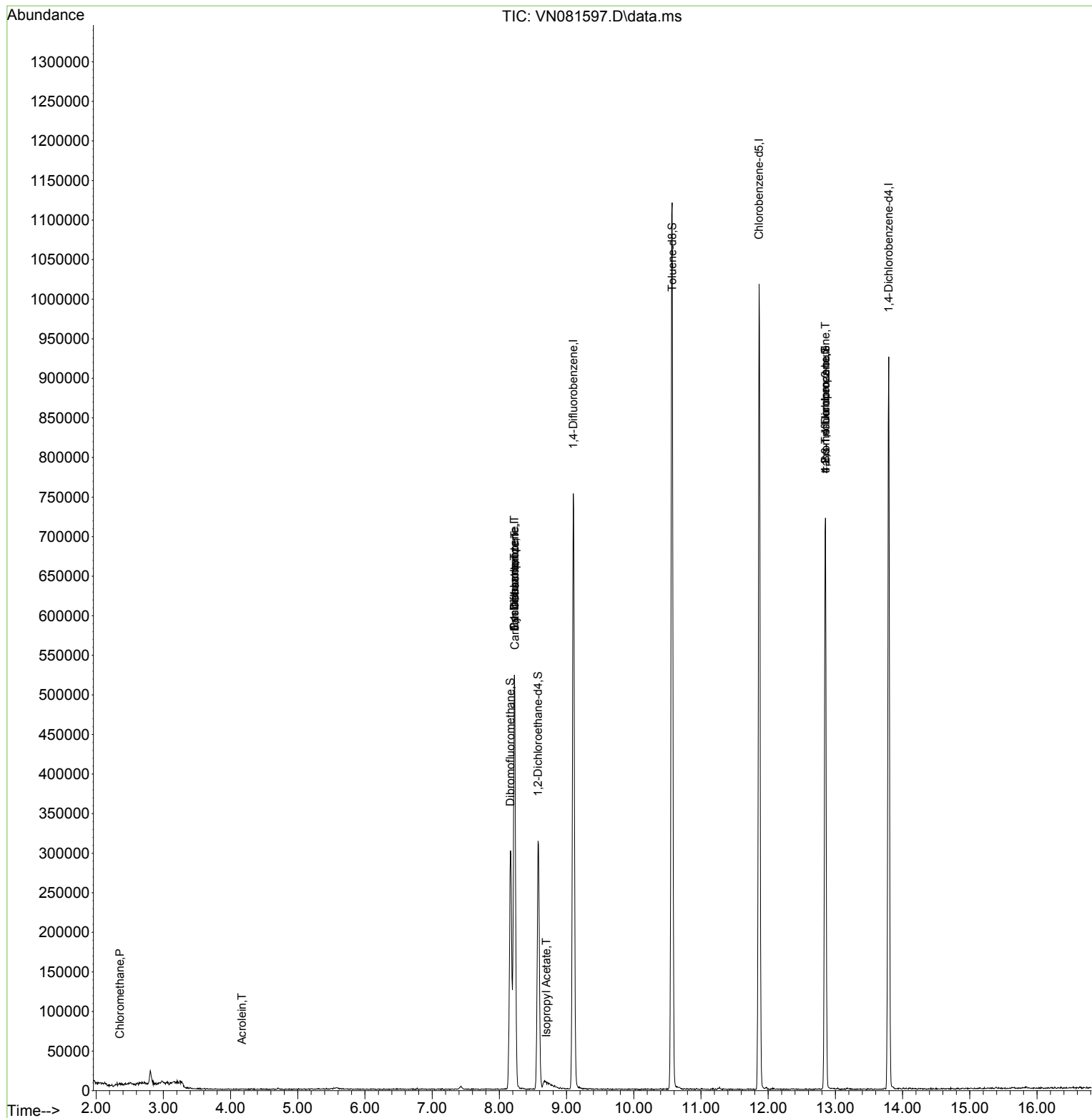
Internal Standards						
1) Pentafluorobenzene	8.224	168	357020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	658947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	605363	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	255083	56.026	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	112.060%	
35) Dibromofluoromethane	8.165	113	216280	52.008	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	104.020%	
50) Toluene-d8	10.571	98	801072	53.288	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	106.580%	
62) 4-Bromofluorobenzene	12.853	95	249204	47.046	ug/l	0.00
Spiked Amount 50.000	Range	64 - 133	Recovery	=	94.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	983	0.205	ug/l	89
13) Acrolein	4.171	56	284	0.399	ug/l #	15
31) Cyclohexane	8.224	56	8848	1.194	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	32261	4.610	ug/l #	50
38) Carbon Tetrachloride	8.230	117	39663	5.174	ug/l #	17
43) Isopropyl Acetate	8.700	43	9296	0.936	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	132749	22.641	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	132749	61.184	ug/l #	14

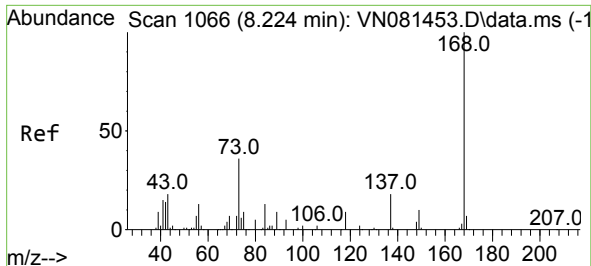
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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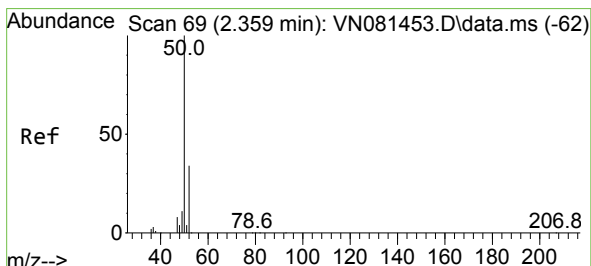
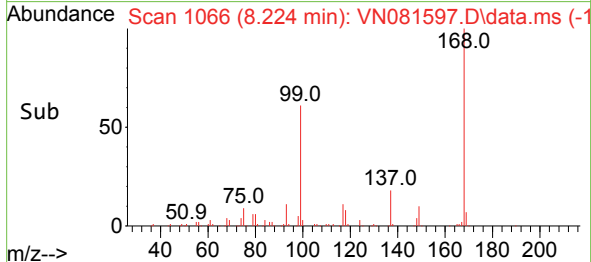
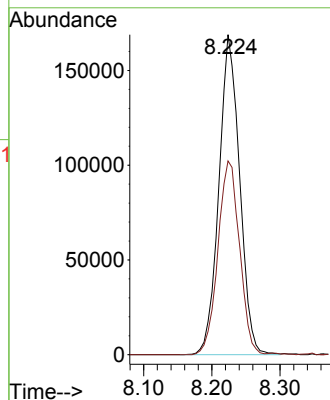
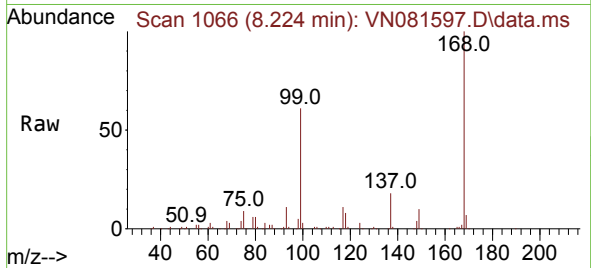




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

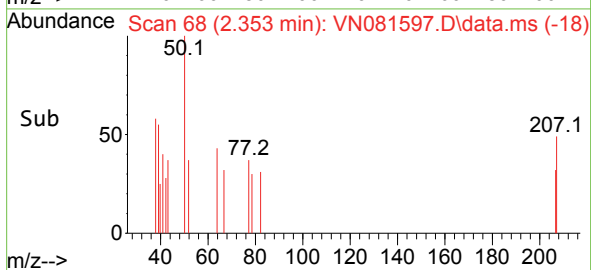
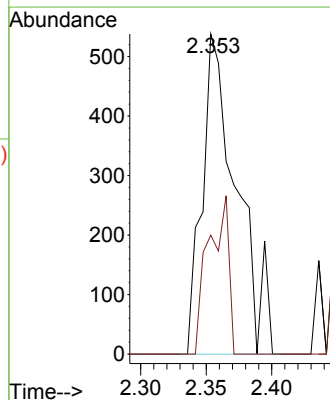
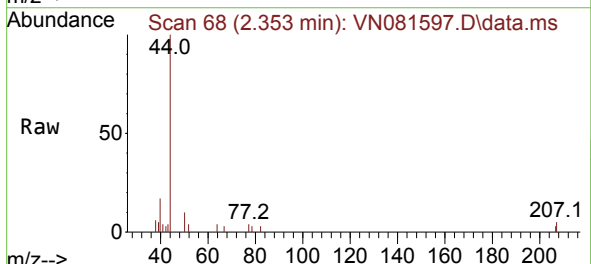
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

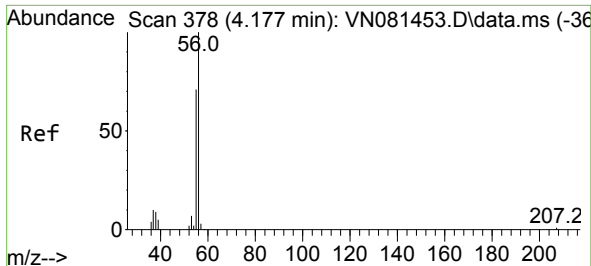
Tgt Ion:168 Resp: 357020
Ion Ratio Lower Upper
168 100
99 60.6 59.9 89.9



#3
Chloromethane
Concen: 0.205 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

Tgt Ion: 50 Resp: 983
Ion Ratio Lower Upper
50 100
52 37.2 25.0 37.4

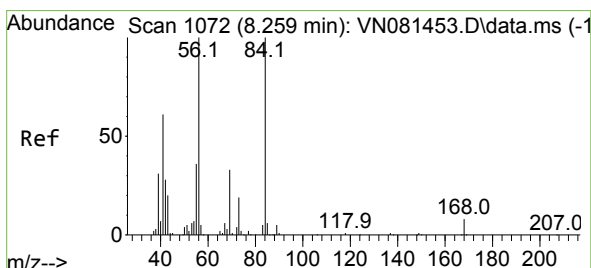
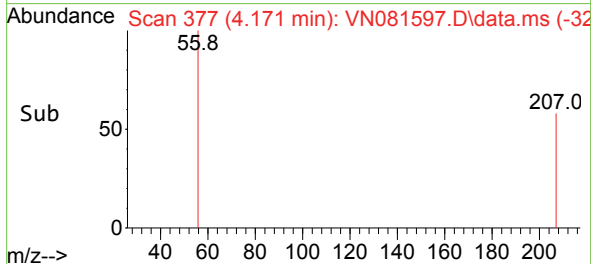
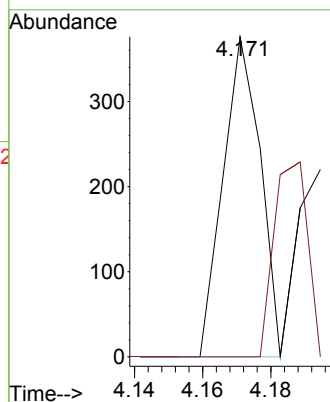
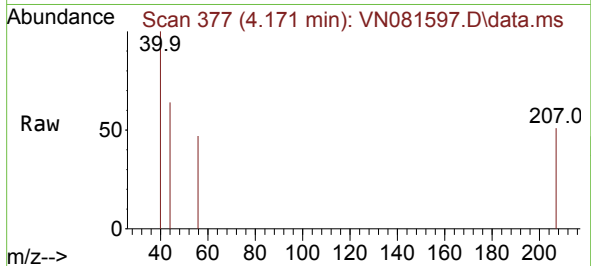




#13
Acrolein
Concen: 0.399 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

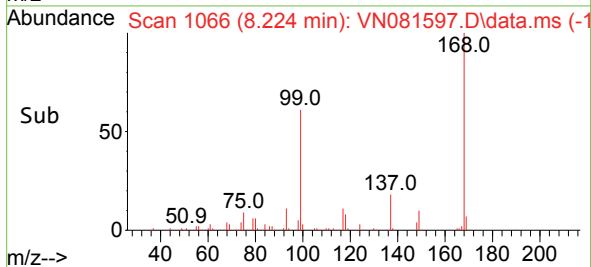
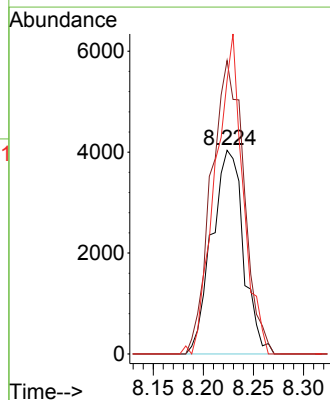
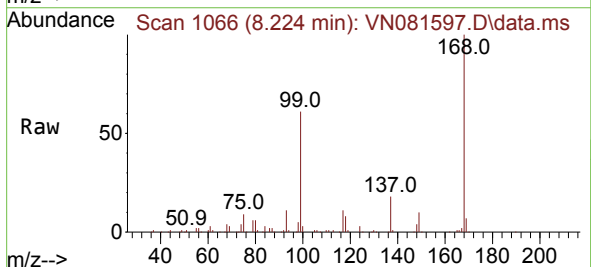
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

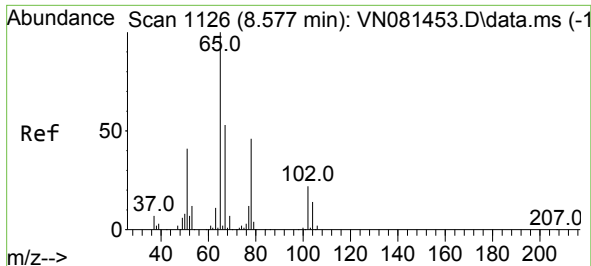
Tgt Ion: 56 Resp: 284
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#31
Cyclohexane
Concen: 1.194 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

Tgt Ion: 56 Resp: 8848
Ion Ratio Lower Upper
56 100
69 144.2 20.1 30.1#
84 134.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 56.026 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081597.D

Acq: 28 Mar 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :

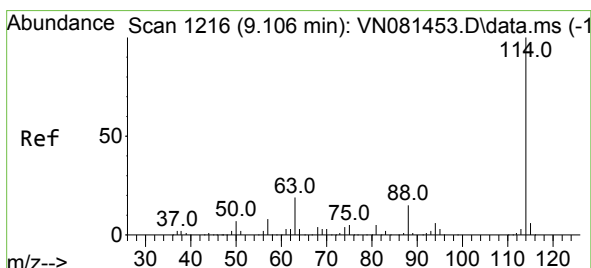
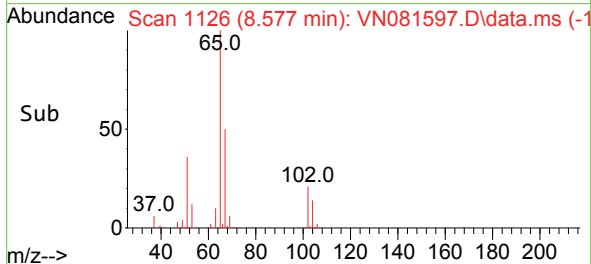
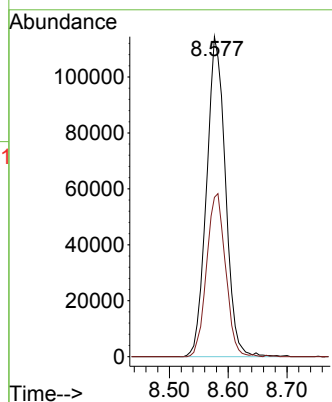
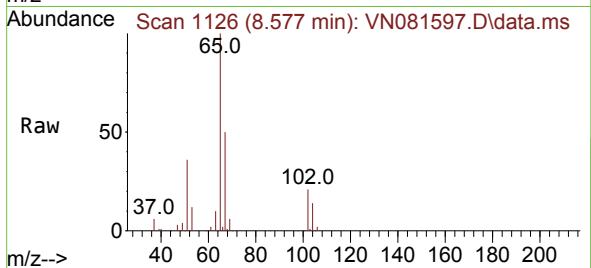
VN0328WBL01

Tgt Ion: 65 Resp: 255083

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081597.D

Acq: 28 Mar 2024 11:10

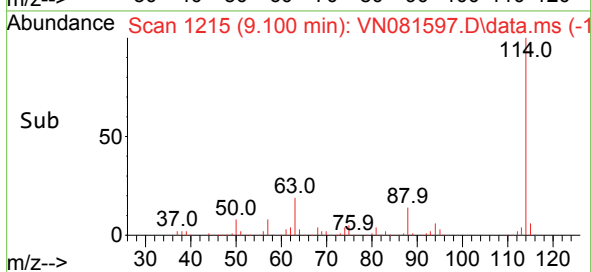
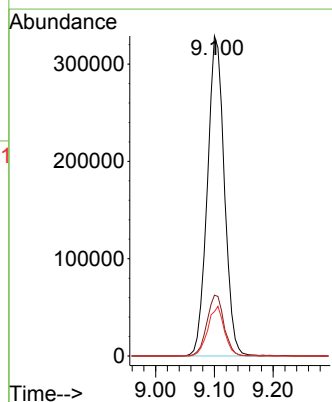
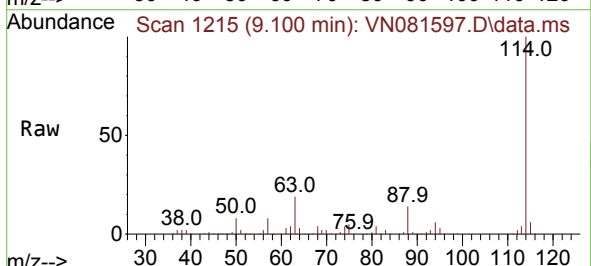
Tgt Ion: 114 Resp: 658947

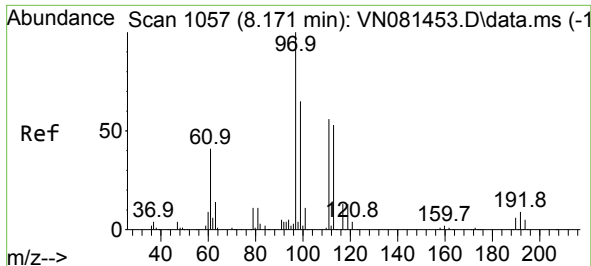
Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 13.9 0.0 34.8

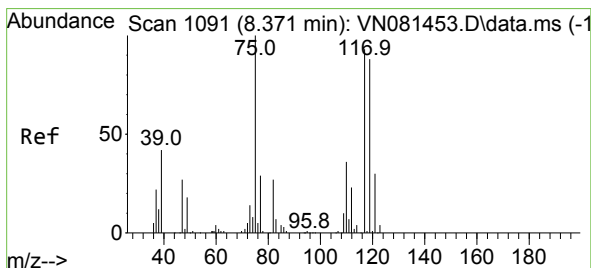
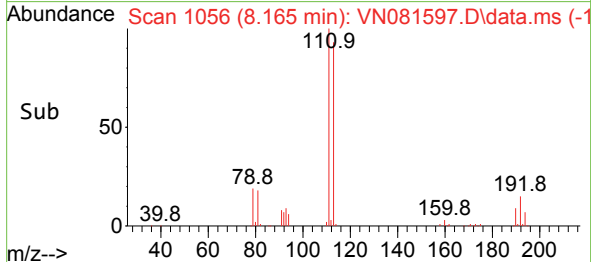
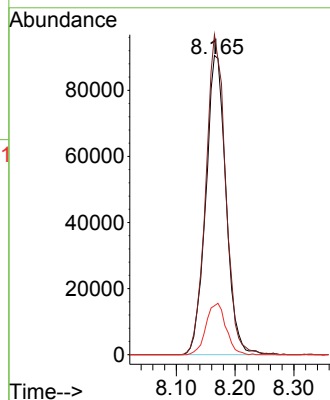
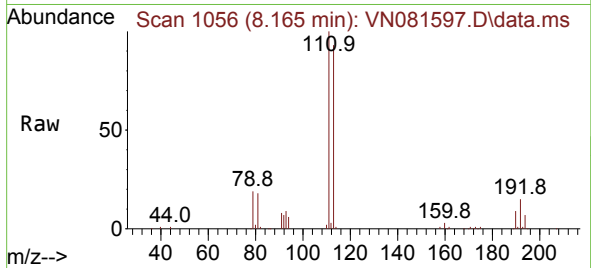




#35
 Dibromofluoromethane
 Concen: 52.008 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN081597.D
 Acq: 28 Mar 2024 11:10

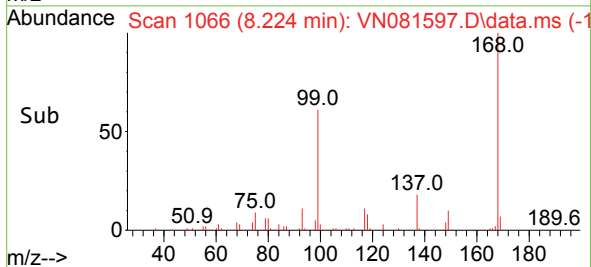
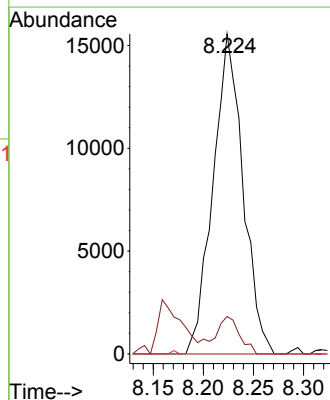
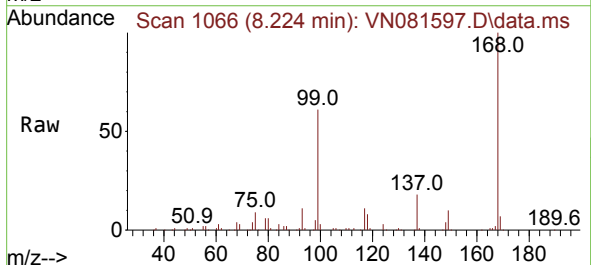
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBL01

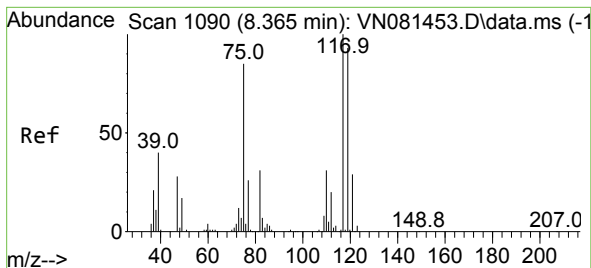
Tgt Ion:113 Resp: 216280
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.2 123.4
 192 16.9 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 4.610 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081597.D
 Acq: 28 Mar 2024 11:10

Tgt Ion: 75 Resp: 32261
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.0 48.0#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.174 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VN081597.D

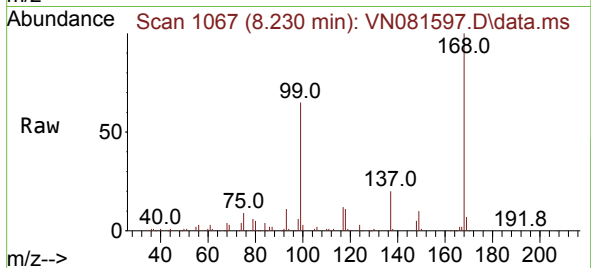
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Instrument :

MSVOA_N

ClientSampleId :

VN0328WBL01



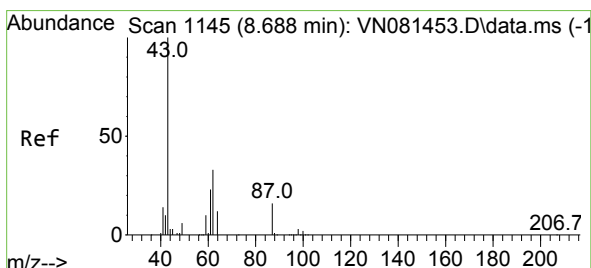
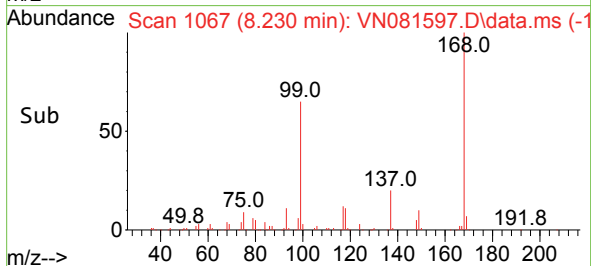
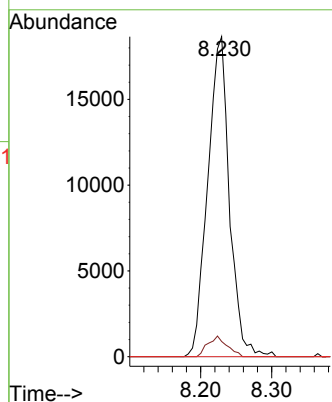
Tgt Ion:117 Resp: 39663

Ion Ratio Lower Upper

117 100

119 4.7 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 0.936 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN081597.D

Acq: 28 Mar 2024 11:10

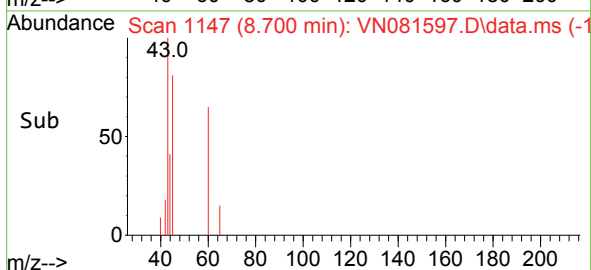
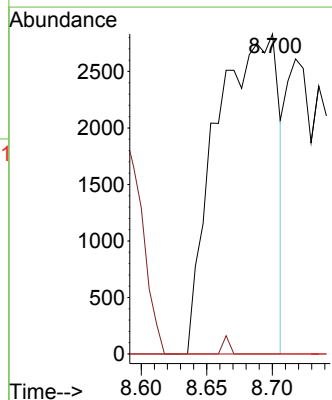
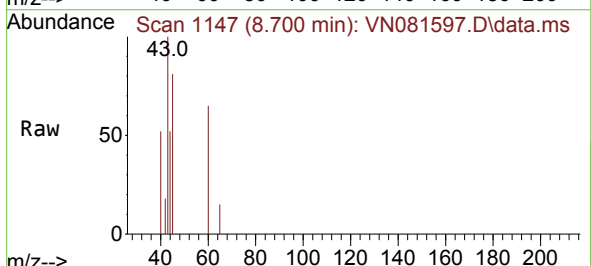
Tgt Ion: 43 Resp: 9296

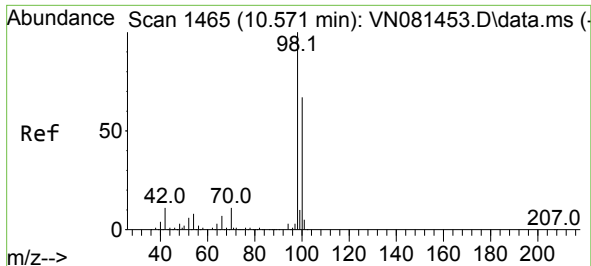
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#

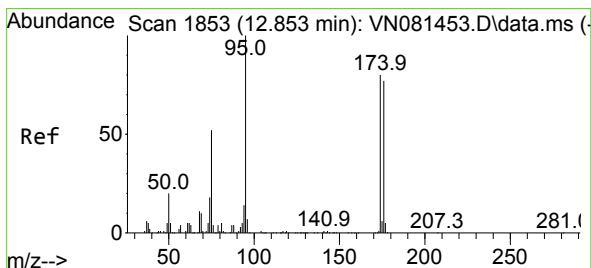
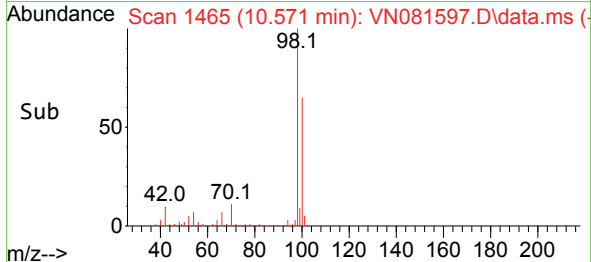
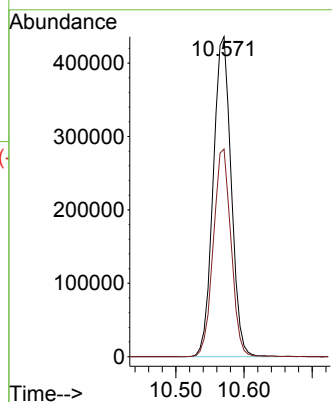
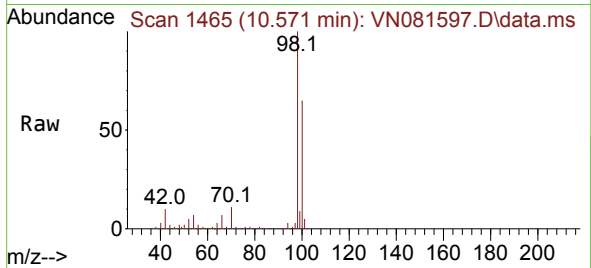




#50
Toluene-d8
Concen: 53.288 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

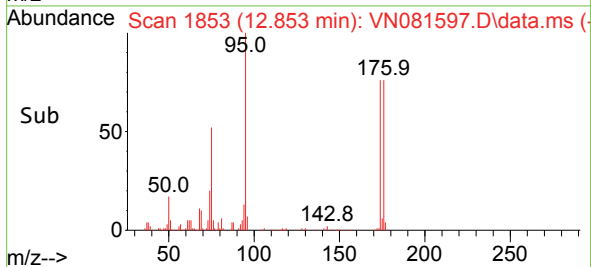
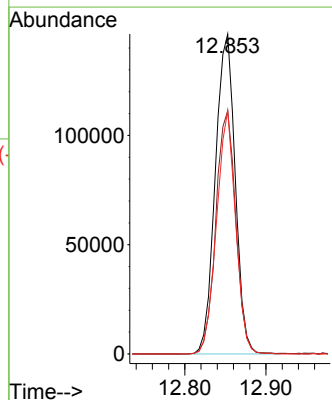
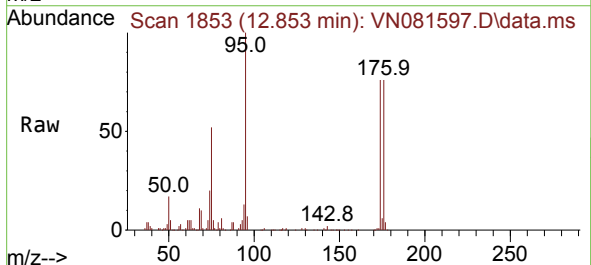
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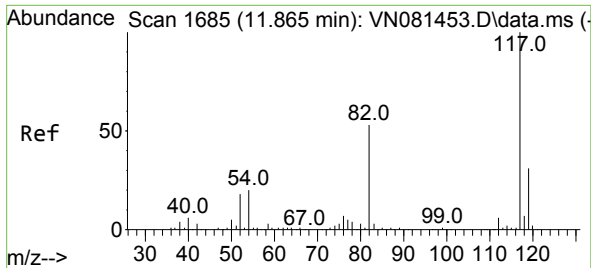
Tgt Ion: 98 Resp: 801072
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.046 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

Tgt Ion: 95 Resp: 249204
Ion Ratio Lower Upper
95 100
174 76.1 0.0 120.4
176 72.8 0.0 121.0

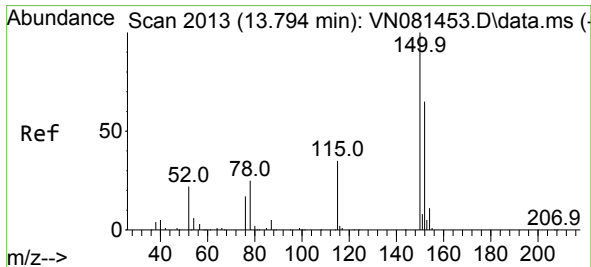
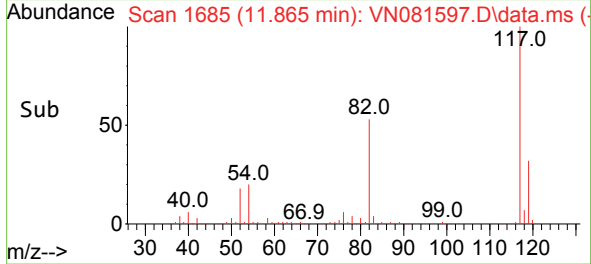
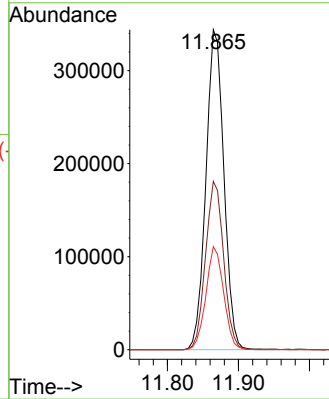
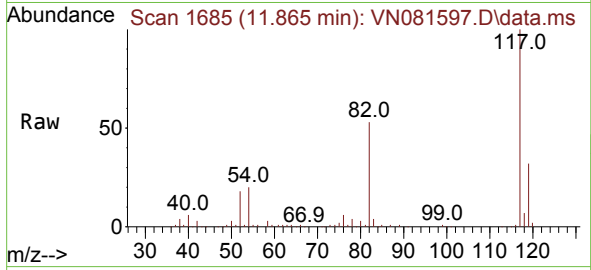




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

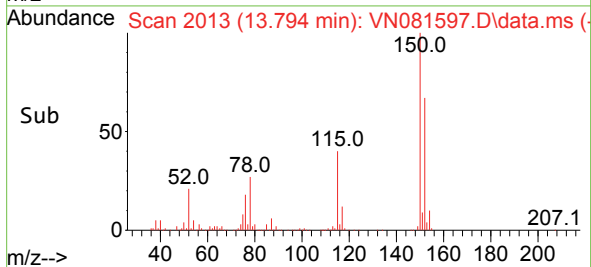
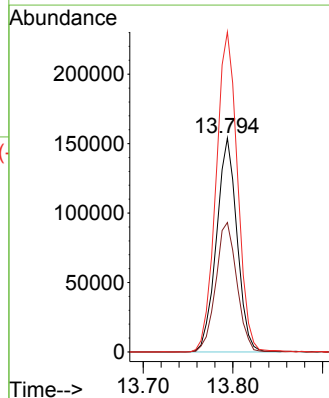
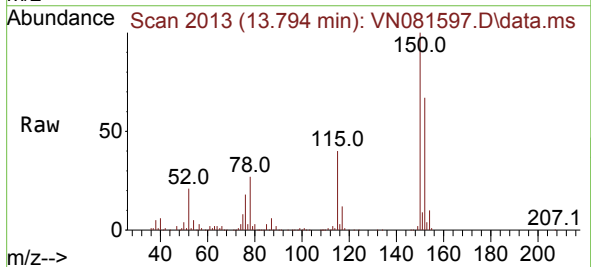
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

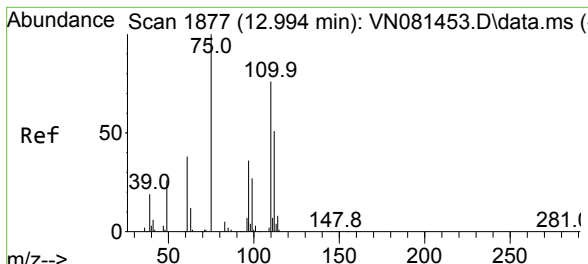
Tgt Ion:117 Resp: 605363
Ion Ratio Lower Upper
117 100
82 52.6 52.7 79.1#
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

Tgt Ion:152 Resp: 245111
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 156.1 0.0 339.8

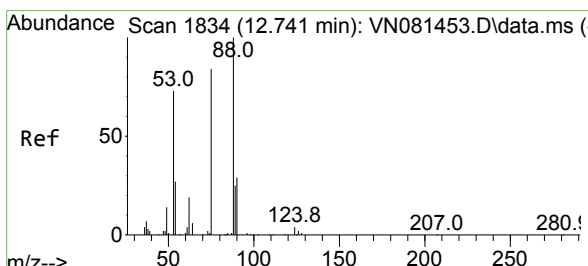
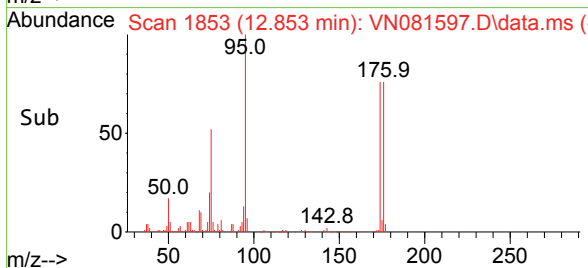
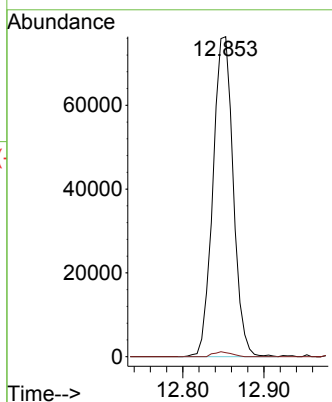
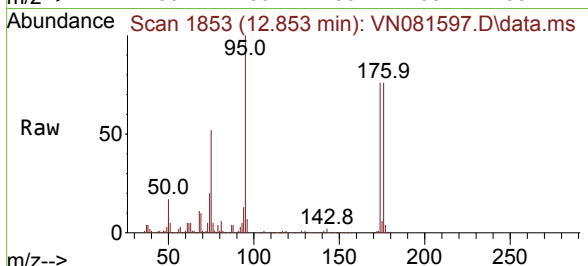




#76
1,2,3-Trichloropropane
Concen: 22.641 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBL01

Tgt Ion: 75 Resp: 132749
Ion Ratio Lower Upper
75 100
77 1.4 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.184 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081597.D
Acq: 28 Mar 2024 11:10

Tgt Ion: 75 Resp: 132749
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

