

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081095.D
 Acq On : 20 Feb 2024 13:54
 Operator : JC\MD
 Sample : P1505-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2D

Quant Time: Feb 20 14:29:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

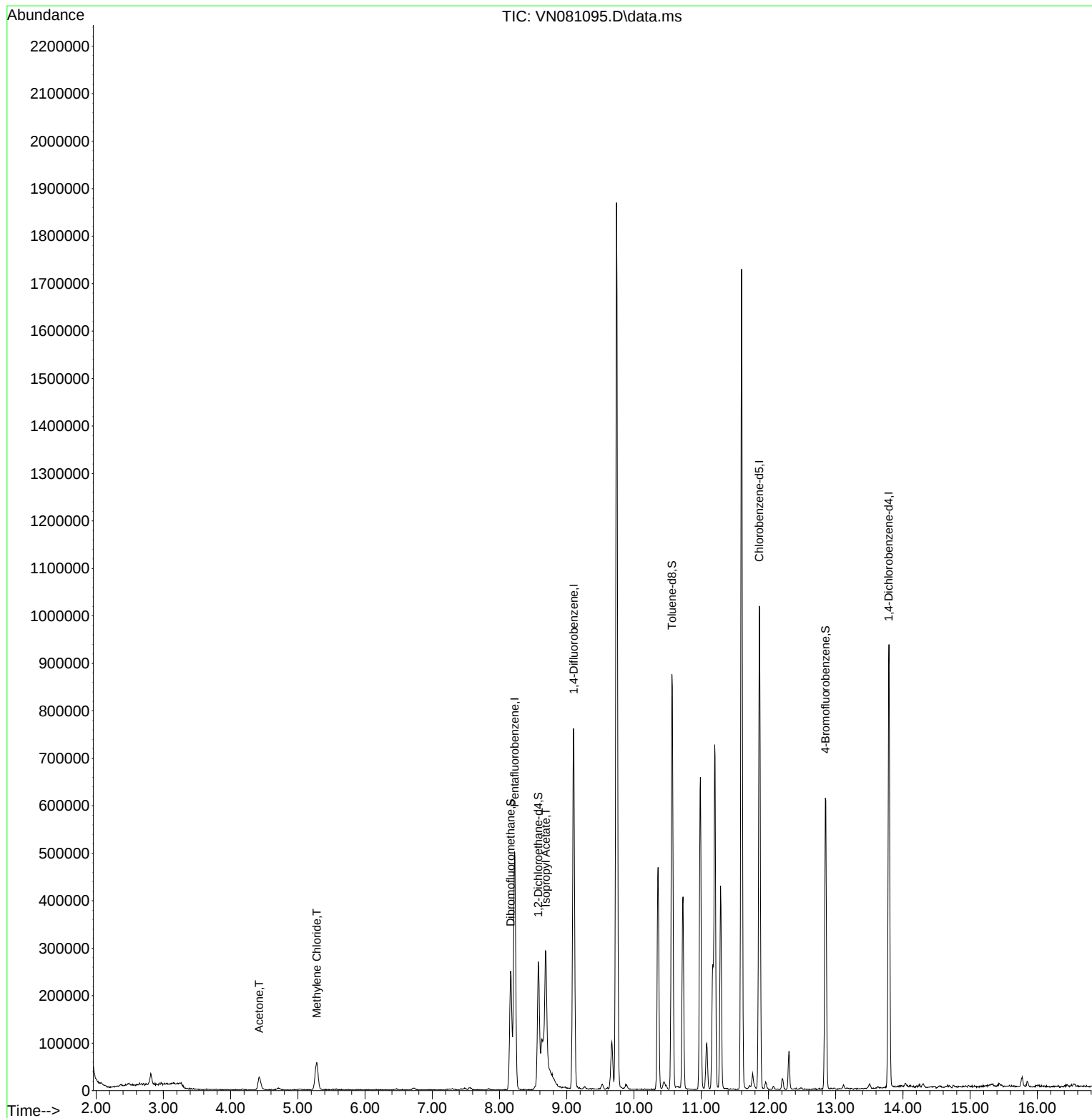
Internal Standards						
1) Pentafluorobenzene	8.224	168	353655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	671262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	586108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	244530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	213041	49.146	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.300%
35) Dibromofluoromethane	8.165	113	179348	47.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.500%
50) Toluene-d8	10.565	98	604819	44.863	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.720%
62) 4-Bromofluorobenzene	12.847	95	217987	43.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.060%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	51988	30.480	ug/l	95
20) Methylene Chloride	5.283	84	44815	9.402	ug/l	91
43) Isopropyl Acetate	8.688	43	340871	33.209	ug/l #	86

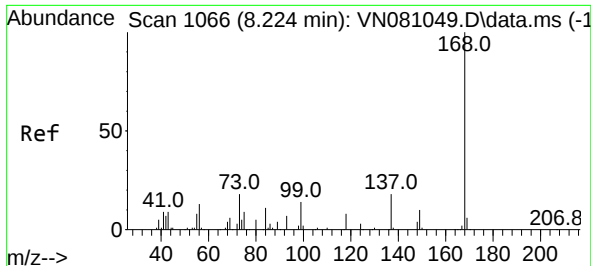
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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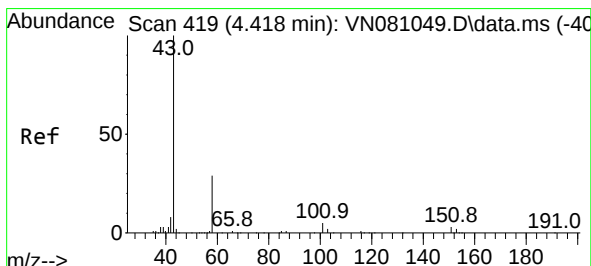
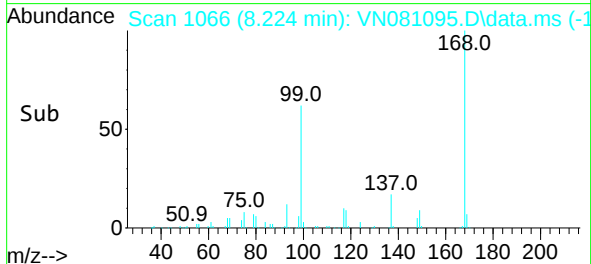
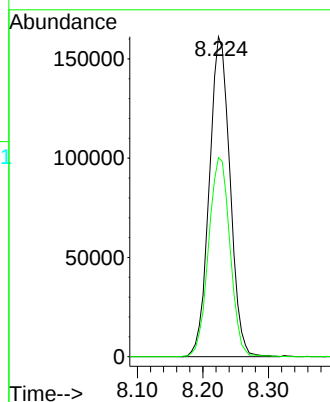
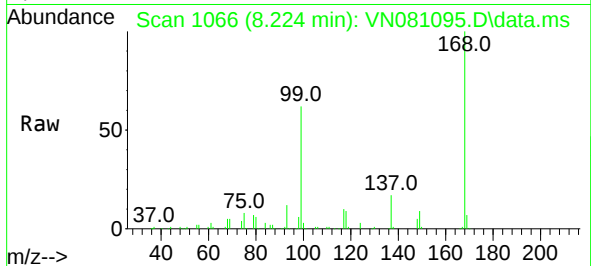




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081095.D
Acq: 20 Feb 2024 13:54

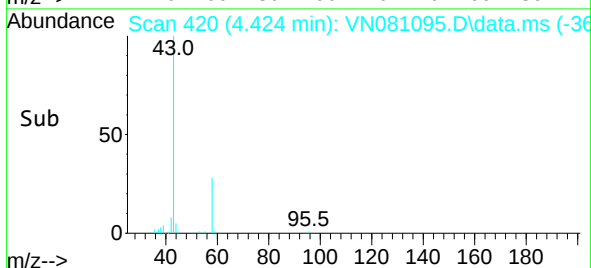
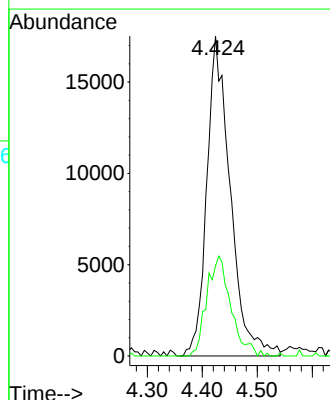
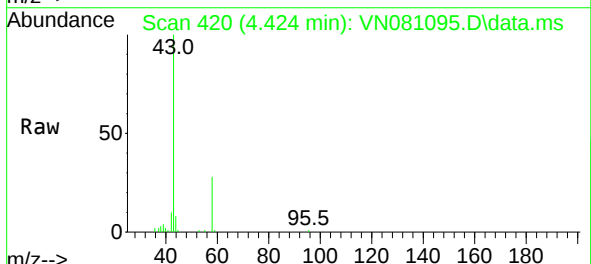
Instrument :
MSVOA_N
ClientSampleId :
WC-2D

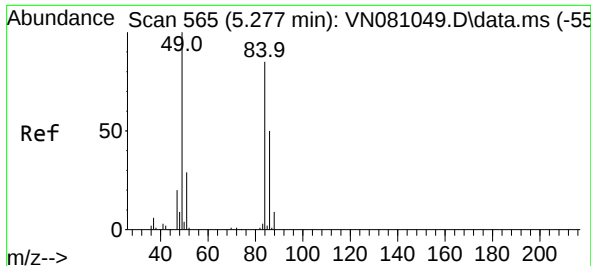
Tgt Ion:168 Resp: 353655
Ion Ratio Lower Upper
168 100
99 62.2 59.9 89.9



#16
Acetone
Concen: 30.480 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081095.D
Acq: 20 Feb 2024 13:54

Tgt Ion: 43 Resp: 51988
Ion Ratio Lower Upper
43 100
58 28.5 24.8 37.2



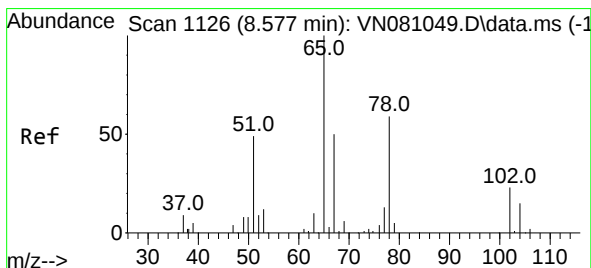
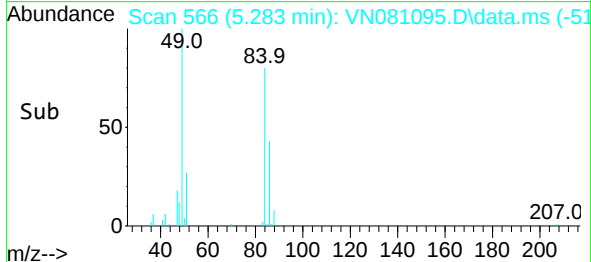
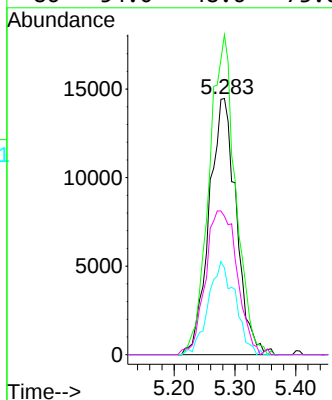
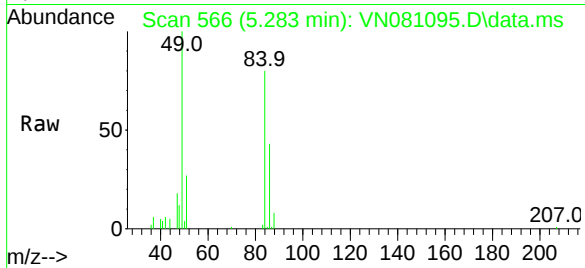


#20
Methylene Chloride
Concen: 9.402 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081095.D
Acq: 20 Feb 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :
WC-2D

Tgt Ion: 84 Resp: 44815

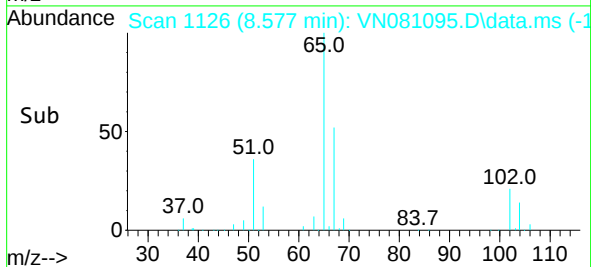
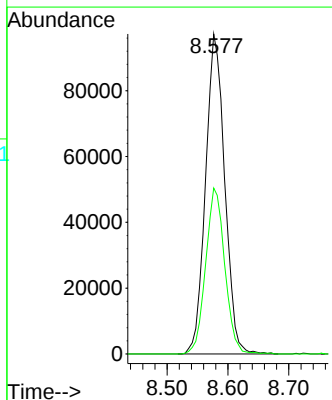
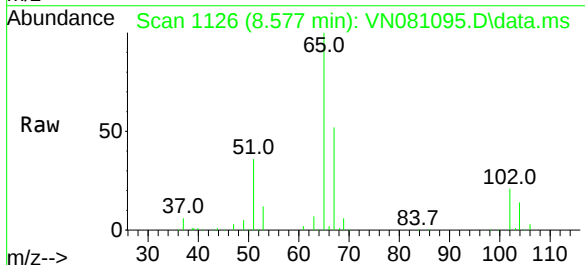
Ion	Ratio	Lower	Upper
84	100		
49	124.9	108.1	162.1
51	33.9	32.9	49.3
86	54.0	48.6	73.0

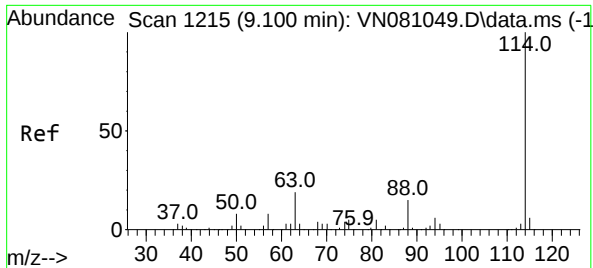


#33
1,2-Dichloroethane-d4
Concen: 49.146 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.001 min
Lab File: VN081095.D
Acq: 20 Feb 2024 13:54

Tgt Ion: 65 Resp: 213041

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081095.D

Acq: 20 Feb 2024 13:54

Instrument :

MSVOA_N

ClientSampleId :

WC-2D

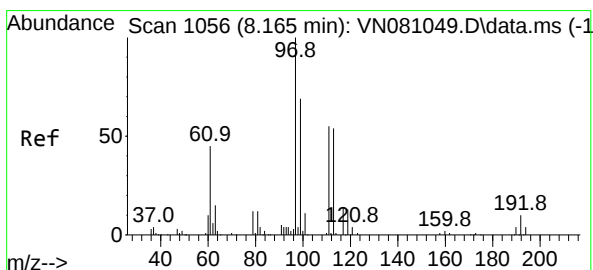
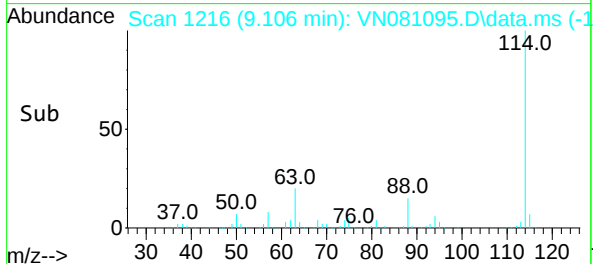
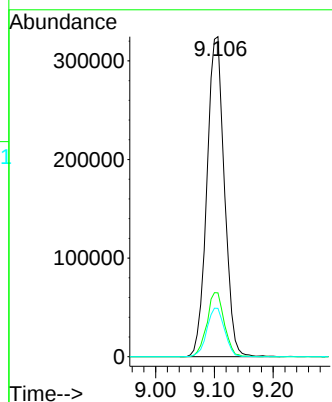
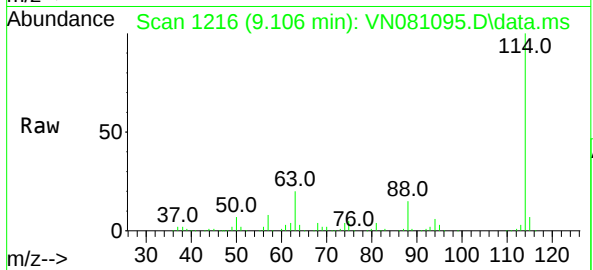
Tgt Ion:114 Resp: 671262

Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 15.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.249 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081095.D

Acq: 20 Feb 2024 13:54

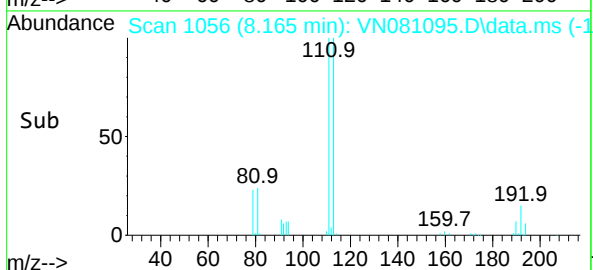
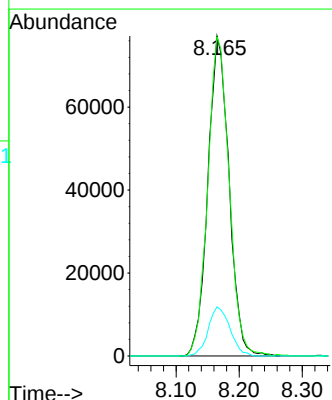
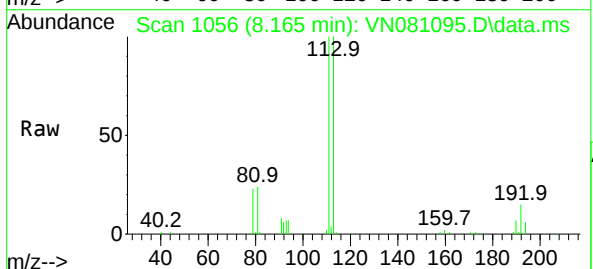
Tgt Ion:113 Resp: 179348

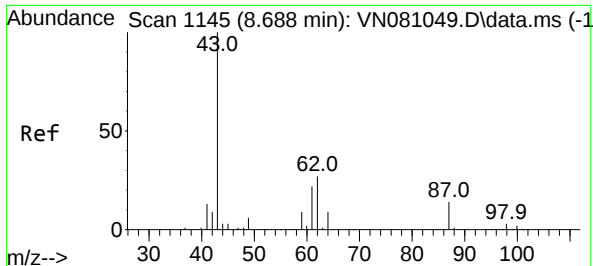
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

192 15.8 12.5 18.7

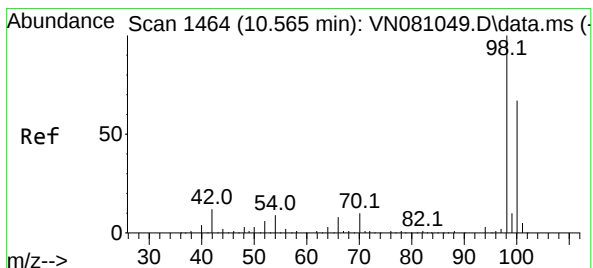
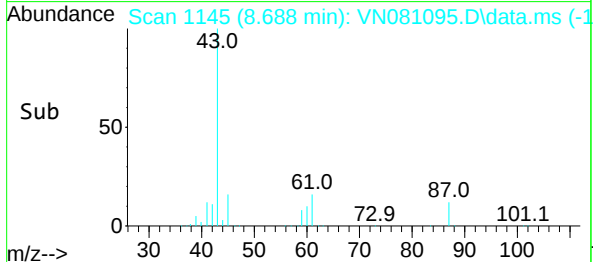
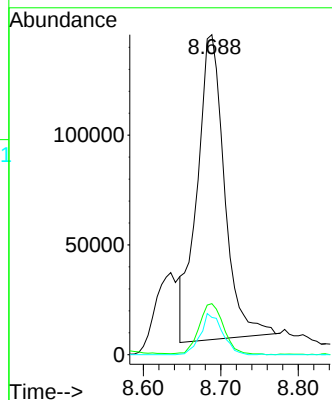
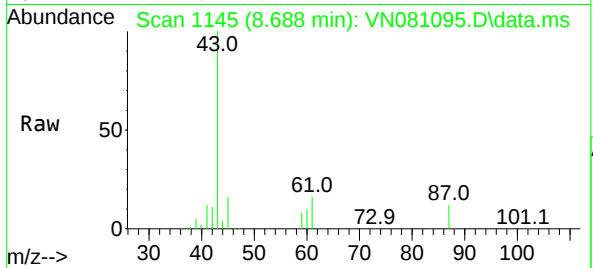




#43
Isopropyl Acetate
Concen: 33.209 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081095.D
Acq: 20 Feb 2024 13:54

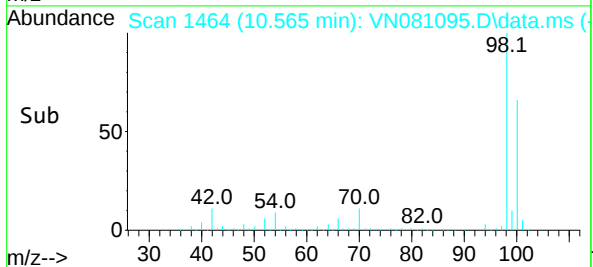
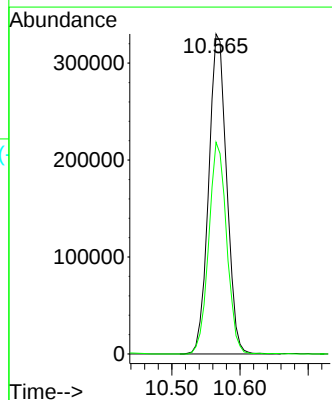
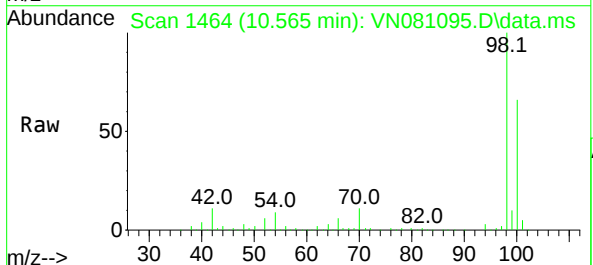
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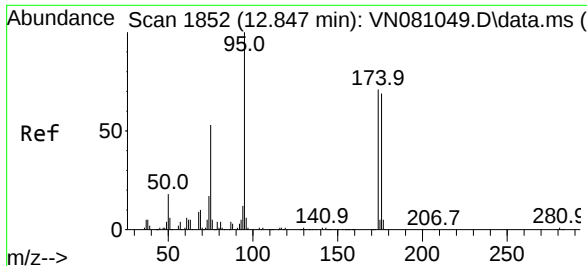
Tgt Ion: 43 Resp: 340871
Ion Ratio Lower Upper
43 100
61 15.3 19.9 29.9#
87 10.8 9.0 13.6



#50
Toluene-d8
Concen: 44.863 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN081095.D
Acq: 20 Feb 2024 13:54

Tgt Ion: 98 Resp: 604819
Ion Ratio Lower Upper
98 100
100 65.9 51.4 77.0

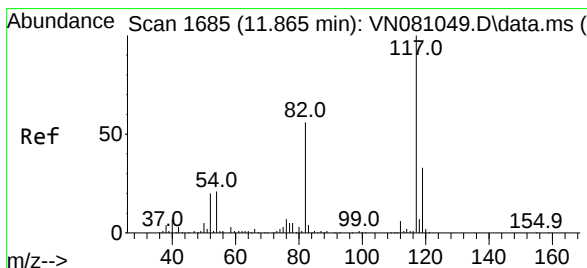
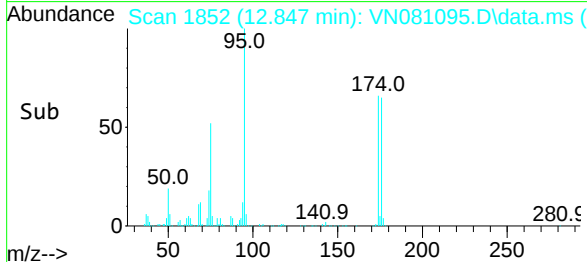
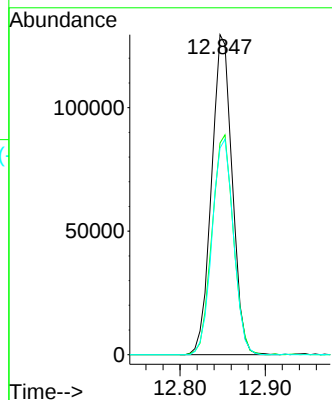
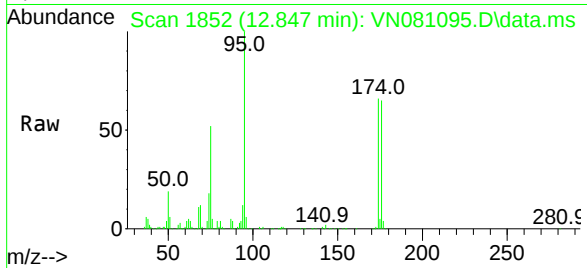




#62
4-Bromofluorobenzene
Concen: 43.031 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081095.D
Acq: 20 Feb 2024 13:54

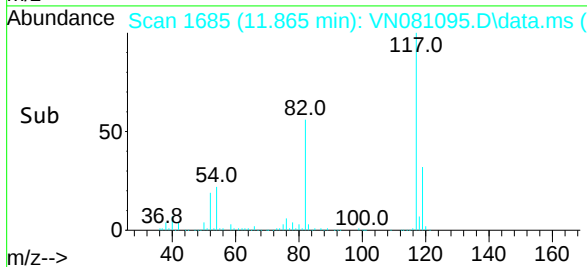
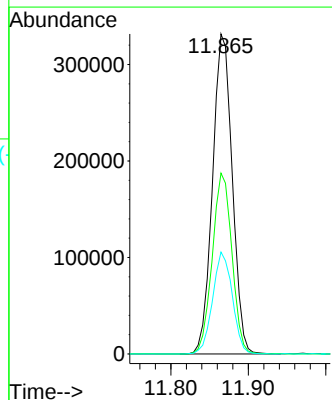
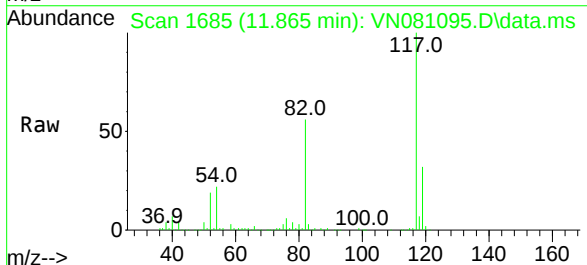
Instrument :
MSVOA_N
ClientSampleId :
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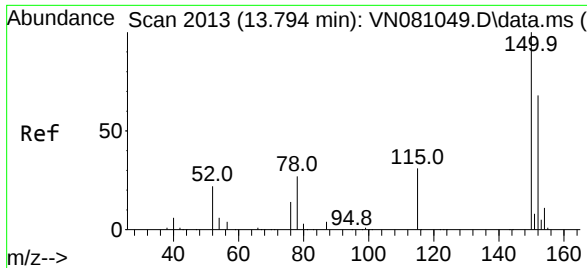
Tgt Ion: 95 Resp: 217987
Ion Ratio Lower Upper
95 100
174 71.0 0.0 120.4
176 69.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081095.D
Acq: 20 Feb 2024 13:54

Tgt Ion: 117 Resp: 586108
Ion Ratio Lower Upper
117 100
82 56.5 52.7 79.1
119 31.8 25.3 37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN081095.D
Acq: 20 Feb 2024 13:54

Instrument :
MSVOA_N
ClientSampleId :
WC-2D

Tgt Ion:152 Resp: 244530
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 154.2 0.0 339.8

