

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010324\
 Data File : VN080642.D
 Acq On : 03 Jan 2024 16:07
 Operator : JC\MD
 Sample : 06045-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-300-2.0-2.5

Quant Time: Jan 04 02:01:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

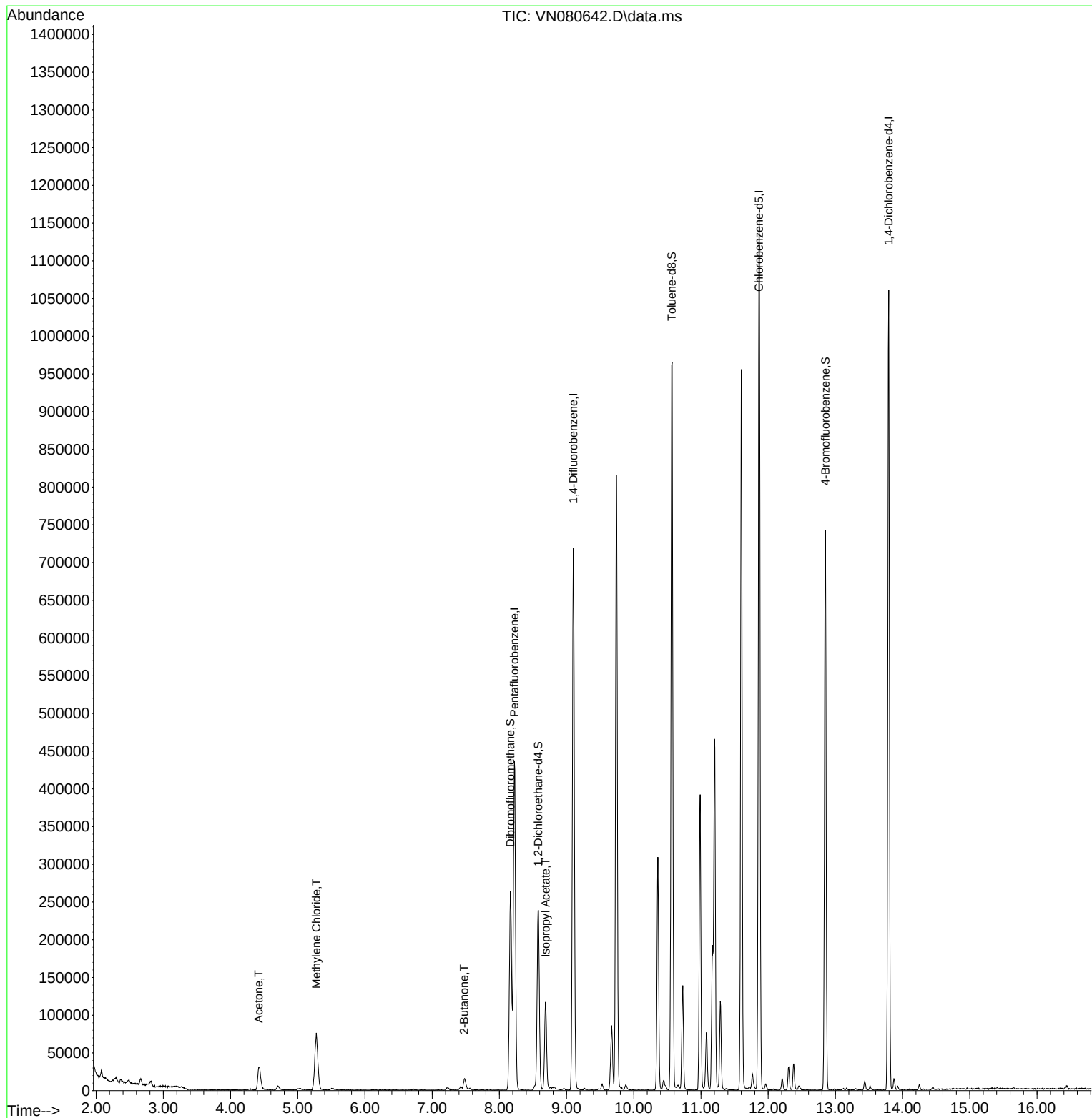
Internal Standards						
1) Pentafluorobenzene	8.224	168	321549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	630931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	687176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	292708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	206471	50.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.120%	
35) Dibromofluoromethane	8.165	113	189452	46.428	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.860%	
50) Toluene-d8	10.565	98	700351	49.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.320%	
62) 4-Bromofluorobenzene	12.853	95	274247	57.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.400%	
Target Compounds						
						Qvalue
16) Acetone	4.418	43	58836	52.476	ug/l	99
20) Methylene Chloride	5.277	84	65330	18.262	ug/l	95
25) 2-Butanone	7.477	43	24966	11.914	ug/l #	74
43) Isopropyl Acetate	8.688	43	125010	16.276	ug/l #	89

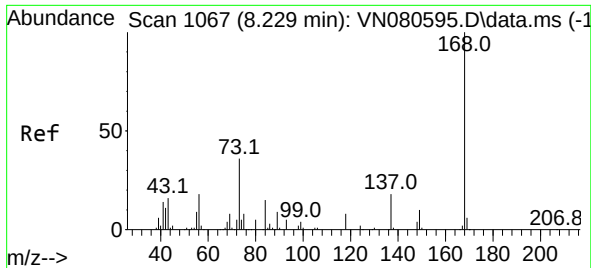
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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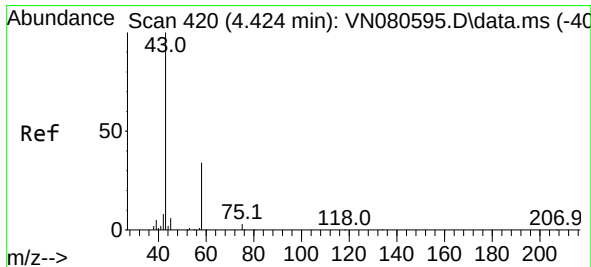
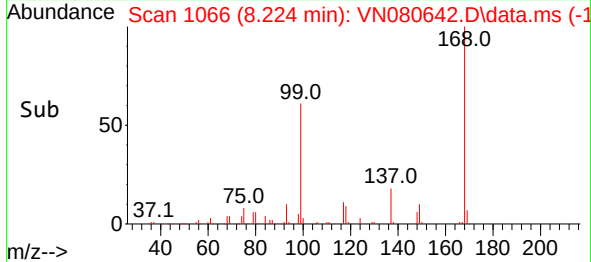
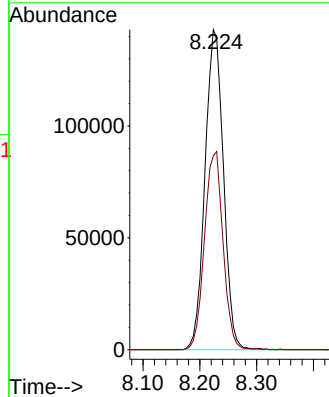
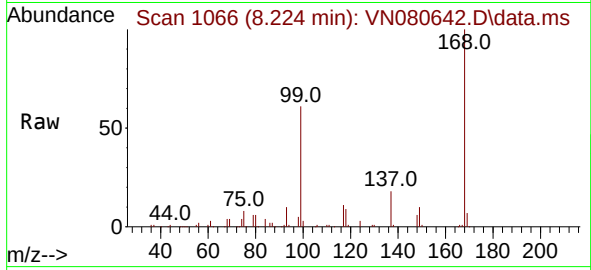




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN080642.D
Acq: 03 Jan 2024 16:07

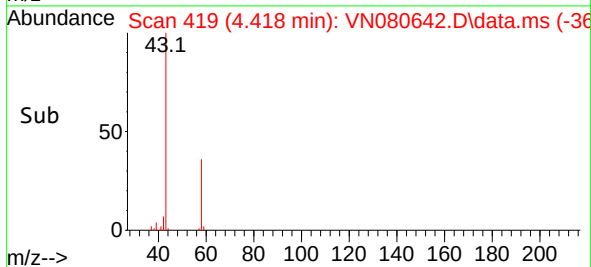
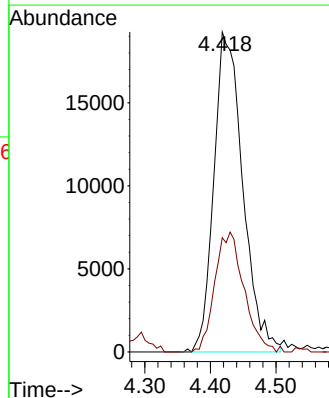
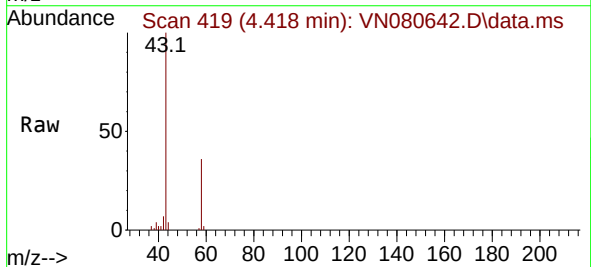
Instrument :
MSVOA_N
ClientSampleId :
MR-300-2.0-2.5

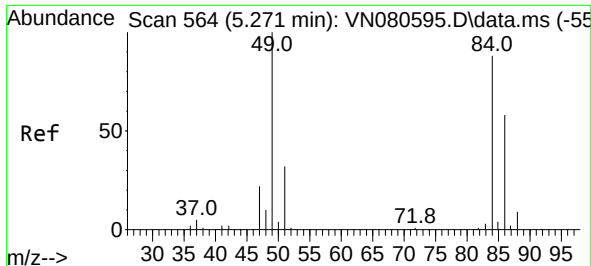
Tgt Ion:168 Resp: 321549
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#16
Acetone
Concen: 52.476 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080642.D
Acq: 03 Jan 2024 16:07

Tgt Ion: 43 Resp: 58836
Ion Ratio Lower Upper
43 100
58 35.7 28.0 42.0

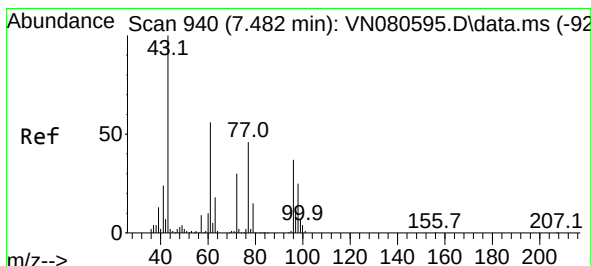
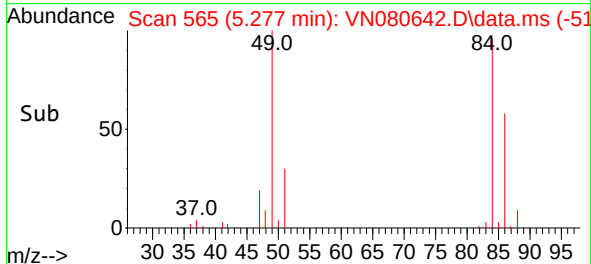
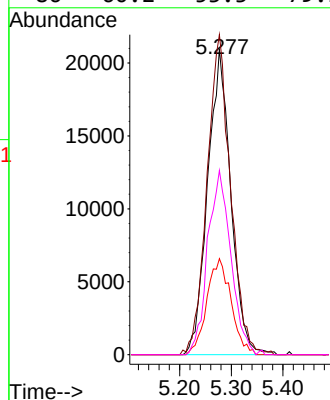
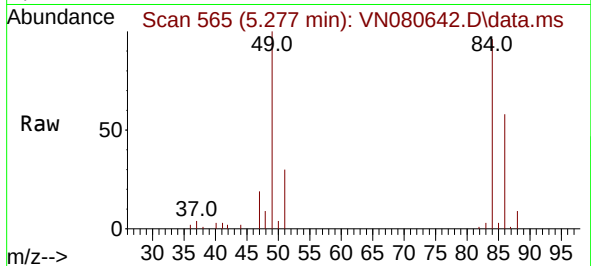




#20
Methylene Chloride
Concen: 18.262 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080642.D
Acq: 03 Jan 2024 16:07

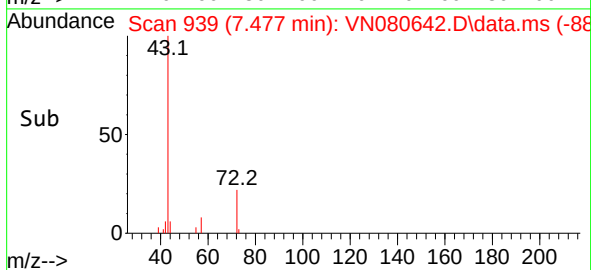
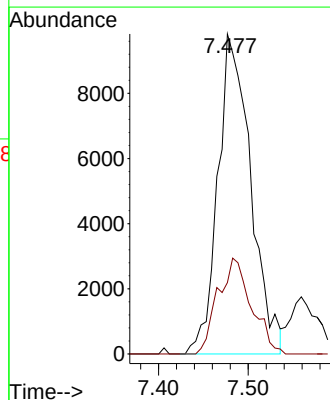
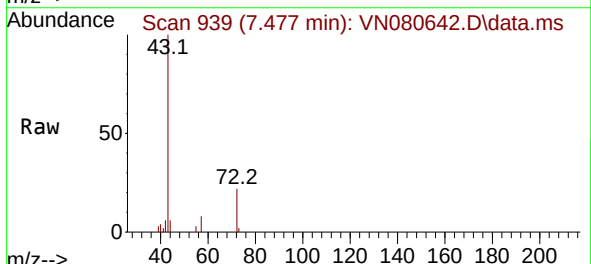
Instrument :
MSVOA_N
ClientSampleId :
MR-300-2.0-2.5

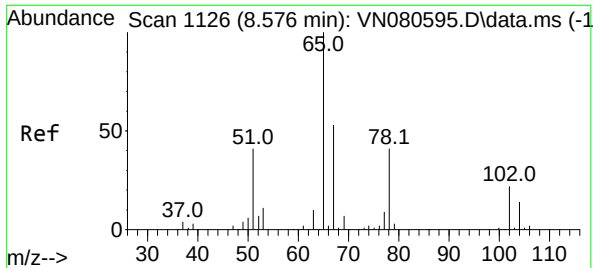
Tgt Ion: 84	Resp: 65330
Ion Ratio	Lower Upper
84 100	
49 104.6	79.7 119.5
51 31.4	25.2 37.8
86 60.2	53.3 79.9



#25
2-Butanone
Concen: 11.914 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN080642.D
Acq: 03 Jan 2024 16:07

Tgt Ion: 43	Resp: 24966
Ion Ratio	Lower Upper
43 100	
72 22.3	30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 50.059 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080642.D

Acq: 03 Jan 2024 16:07

Instrument :

MSVOA_N

ClientSampleId :

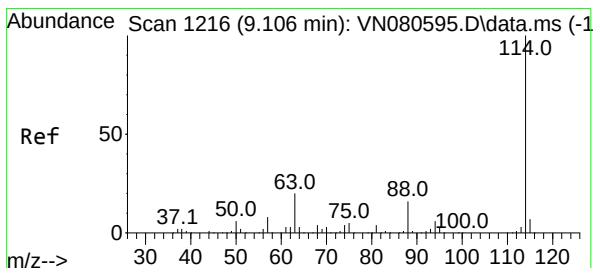
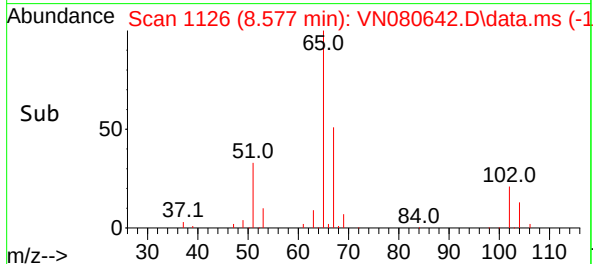
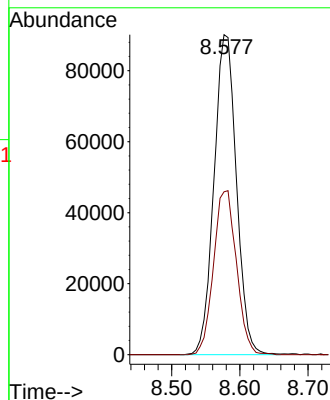
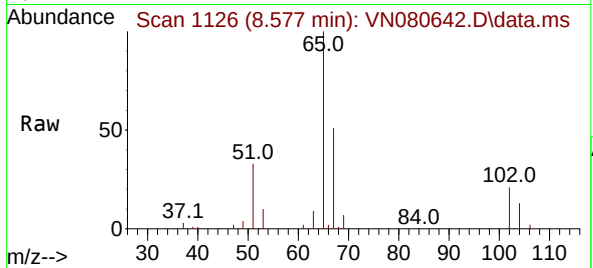
MR-300-2.0-2.5

Tgt Ion: 65 Resp: 206471

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080642.D

Acq: 03 Jan 2024 16:07

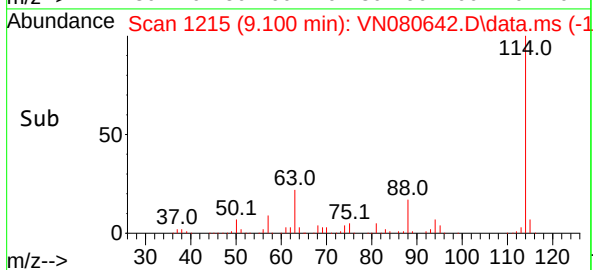
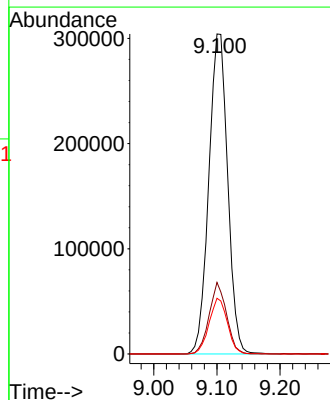
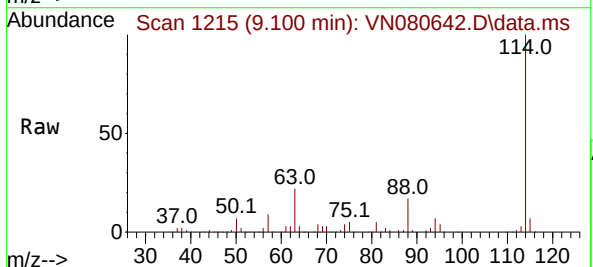
Tgt Ion: 114 Resp: 630931

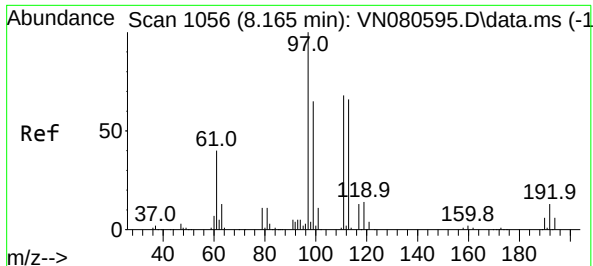
Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 17.4 0.0 30.6

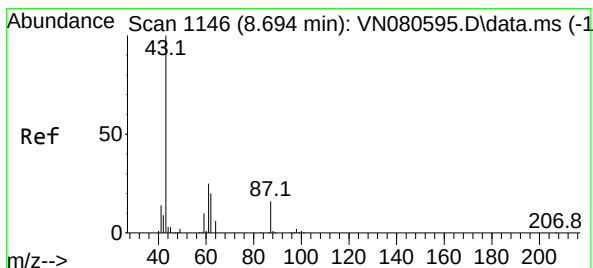
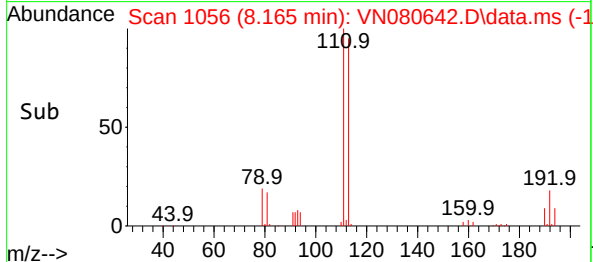
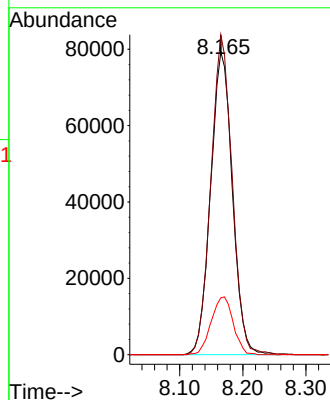
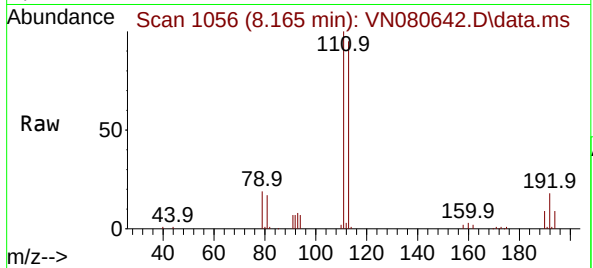




#35
Dibromofluoromethane
Concen: 46.428 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080642.D
Acq: 03 Jan 2024 16:07

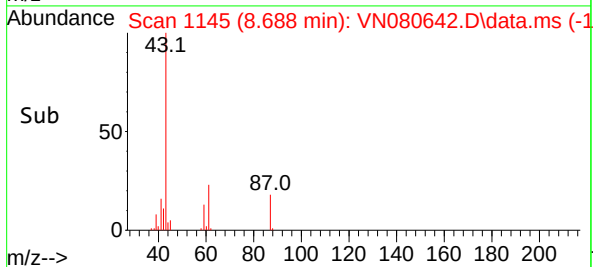
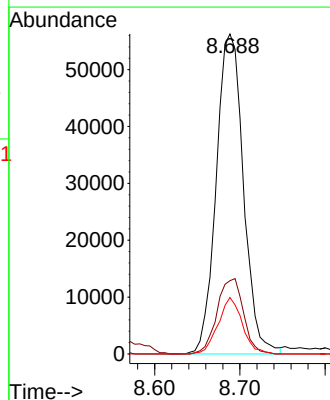
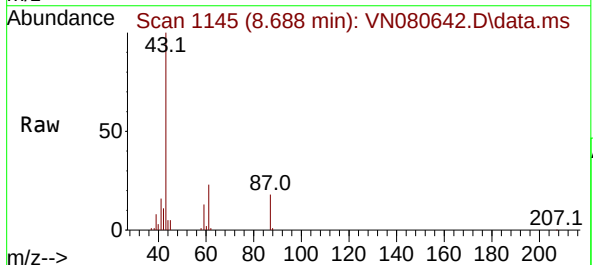
Instrument :
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ClientSampleId :
MR-300-2.0-2.5

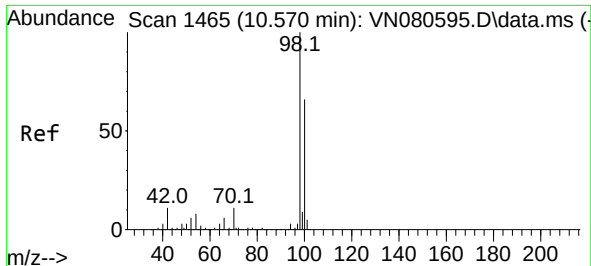
Tgt Ion:113 Resp: 189452
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 19.3 12.7 19.1#



#43
Isopropyl Acetate
Concen: 16.276 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080642.D
Acq: 03 Jan 2024 16:07

Tgt Ion: 43 Resp: 125010
Ion Ratio Lower Upper
43 100
61 22.8 24.7 37.1#
87 15.6 14.6 21.8

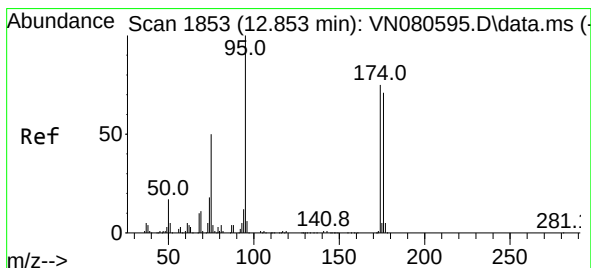
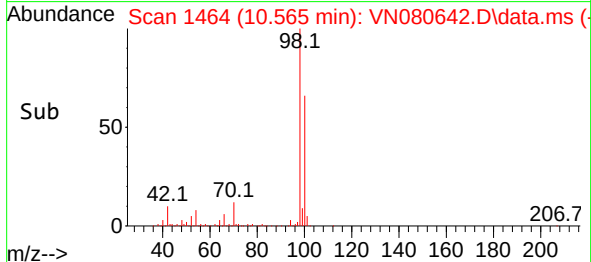
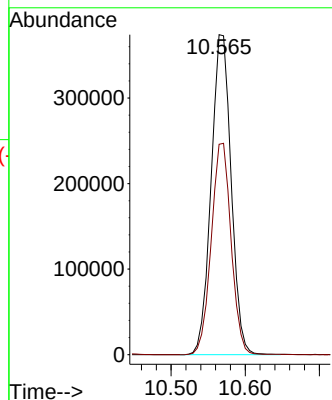
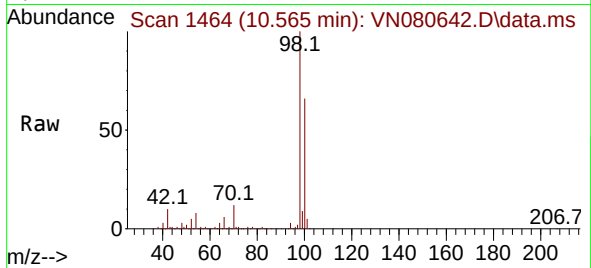




#50
Toluene-d8
Concen: 49.156 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080642.D
Acq: 03 Jan 2024 16:07

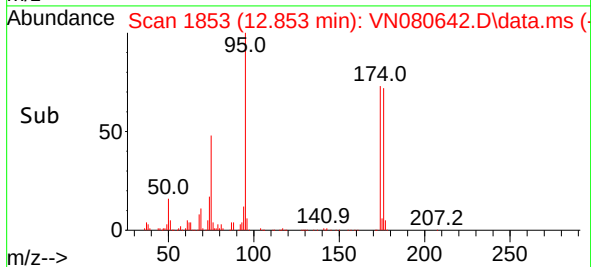
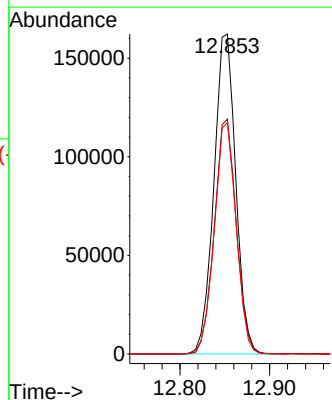
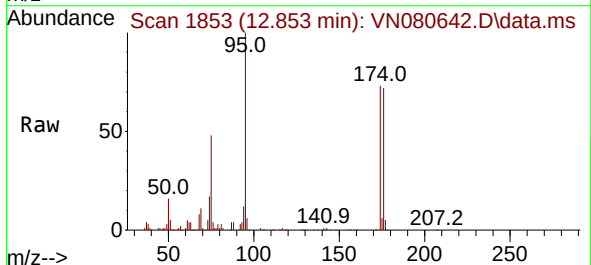
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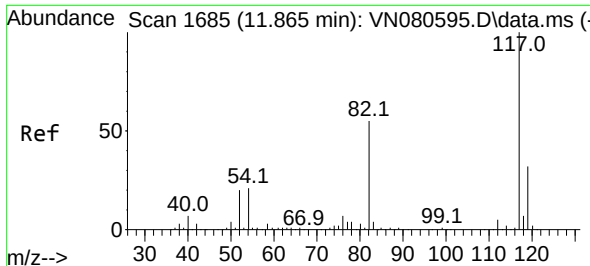
Tgt Ion: 98 Resp: 700351
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.195 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080642.D
Acq: 03 Jan 2024 16:07

Tgt Ion: 95 Resp: 274247
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 72.3 0.0 135.8

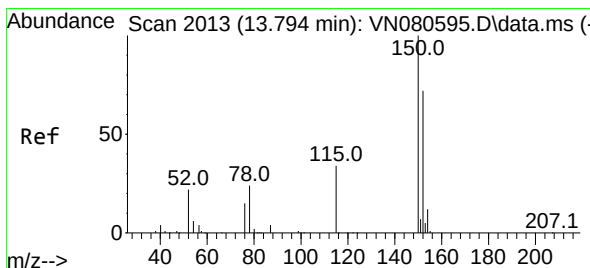
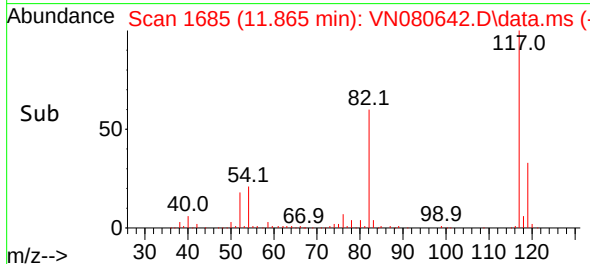
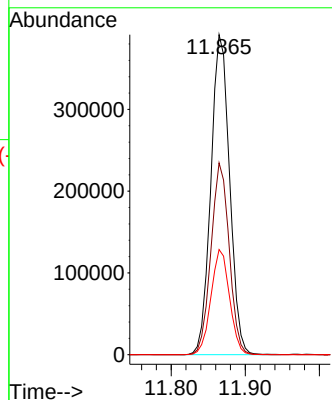
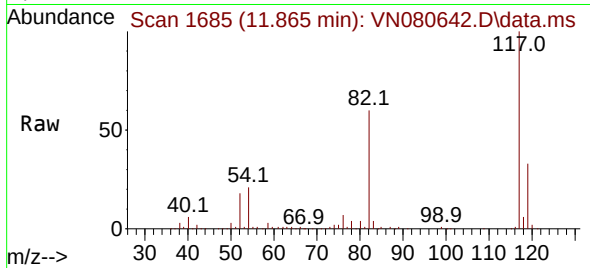




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080642.D
Acq: 03 Jan 2024 16:07

Instrument :
MSVOA_N
ClientSampleId :
MR-300-2.0-2.5

Tgt Ion:117 Resp: 687176
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 32.9 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: VN080642.D
Acq: 03 Jan 2024 16:07

Tgt Ion:152 Resp: 292708
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 156.5 0.0 355.8

