

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082723.D
 Acq On : 25 Jun 2024 17:24
 Operator : JC\MD
 Sample : P3021-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-008

Quant Time: Jun 26 01:25:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

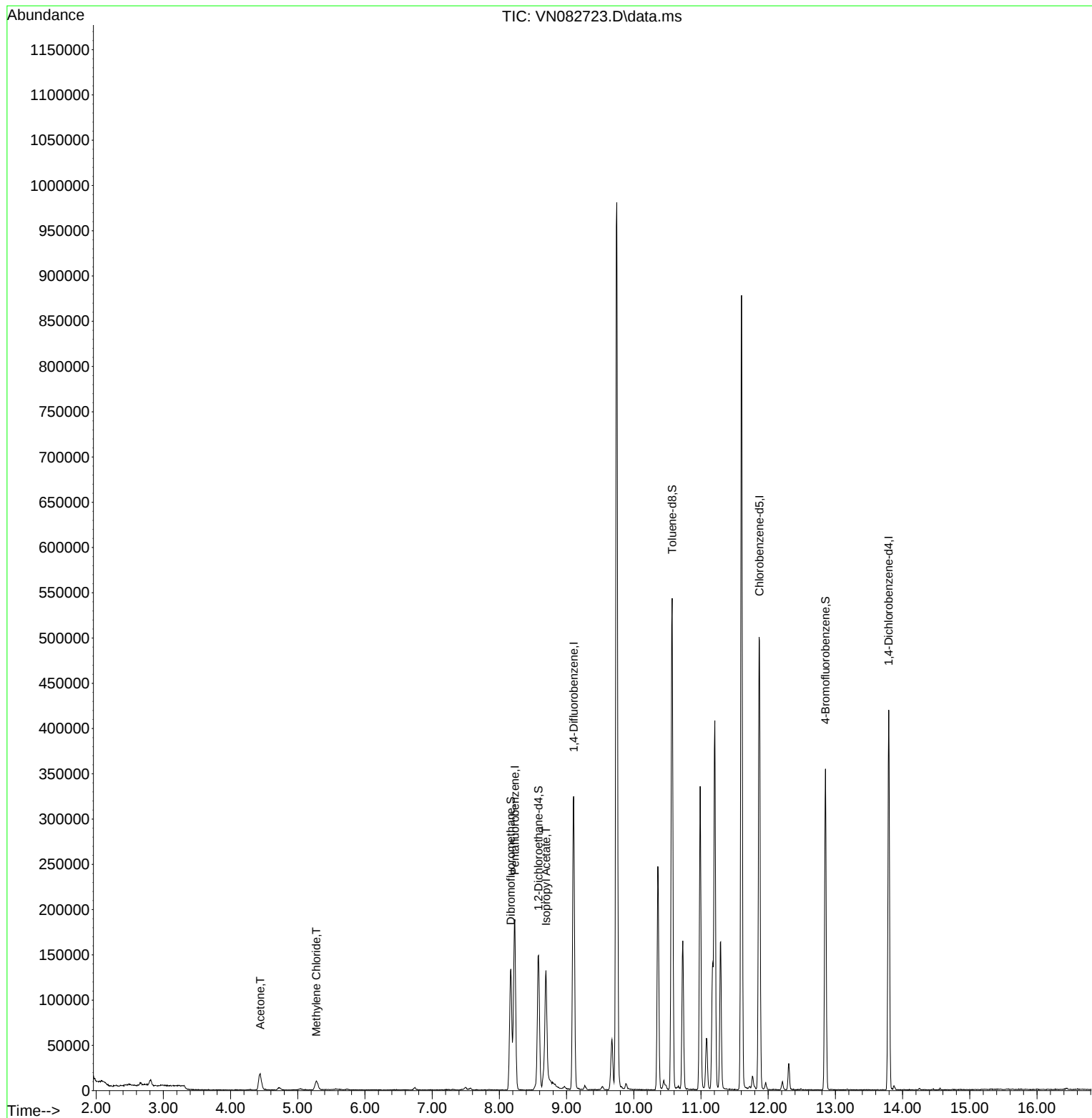
Internal Standards						
1) Pentafluorobenzene	8.230	168	131764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	255522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	270285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	124107	58.735	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.460%	
35) Dibromofluoromethane	8.171	113	93737	54.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.160%	
50) Toluene-d8	10.571	98	350452	53.461	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.920%	
62) 4-Bromofluorobenzene	12.853	95	106658	47.194	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.380%	
Target Compounds						
						Qvalue
16) Acetone	4.442	43	36240	37.712	ug/l	95
20) Methylene Chloride	5.277	84	7651	4.529	ug/l #	78
43) Isopropyl Acetate	8.694	43	167640	27.176	ug/l #	85

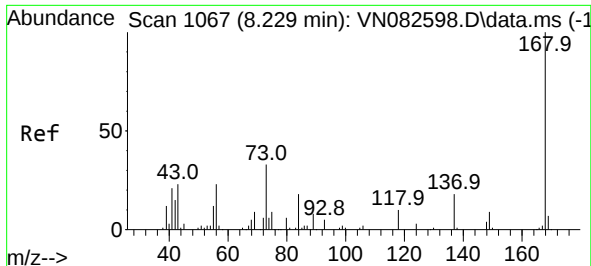
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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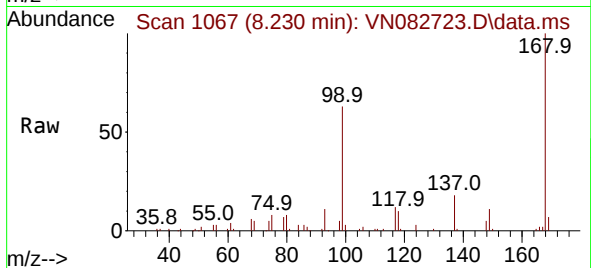
Quant Time: Jun 26 01:25:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
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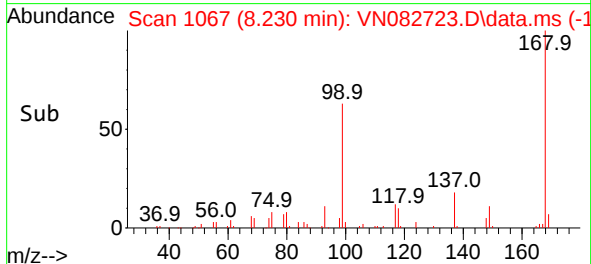
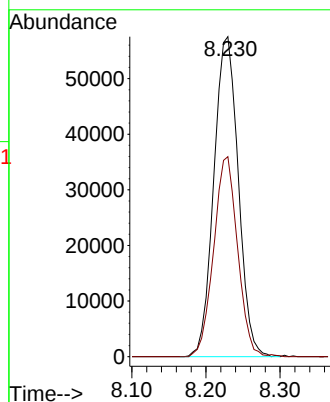


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082723.D
Acq: 25 Jun 2024 17:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-008

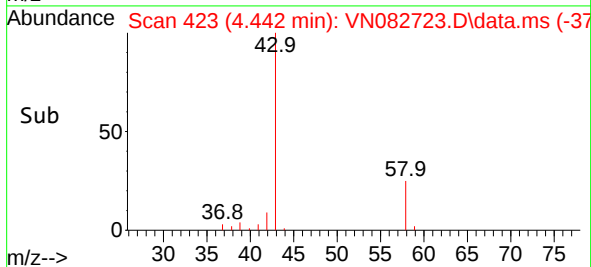
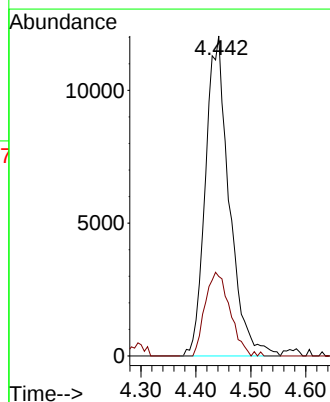
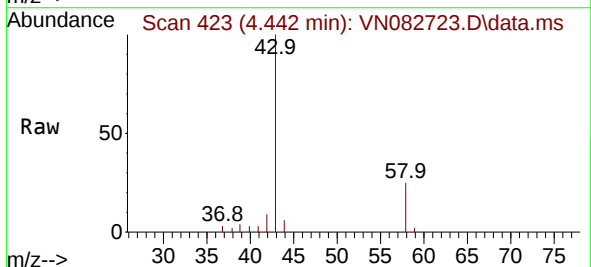


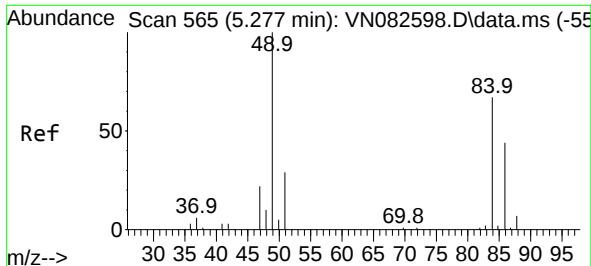
Tgt Ion:168 Resp: 131764
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#16
Acetone
Concen: 37.712 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082723.D
Acq: 25 Jun 2024 17:24

Tgt Ion: 43 Resp: 36240
Ion Ratio Lower Upper
43 100
58 24.9 21.8 32.6

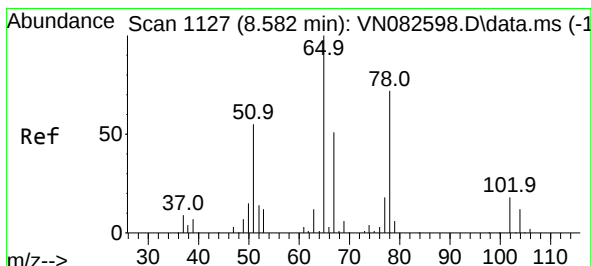
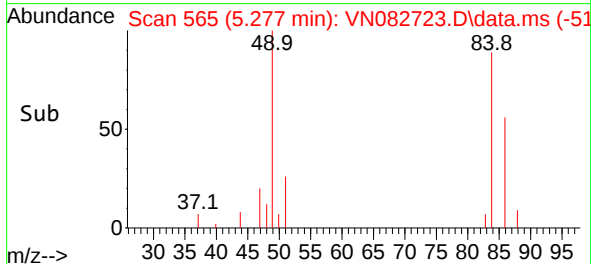
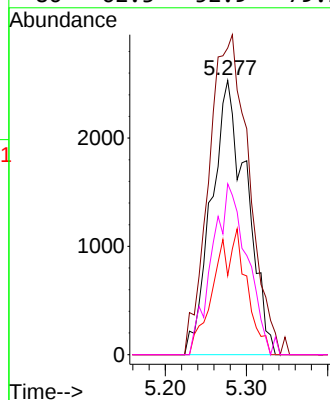
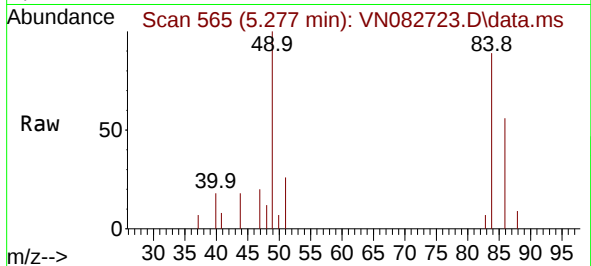




#20
Methylene Chloride
Concen: 4.529 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082723.D
Acq: 25 Jun 2024 17:24

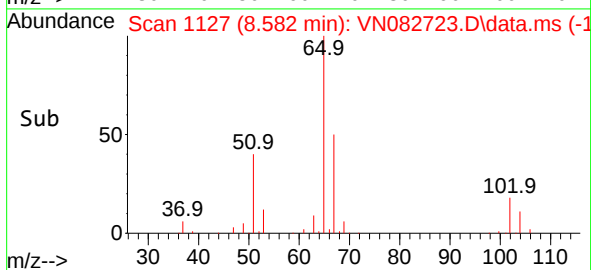
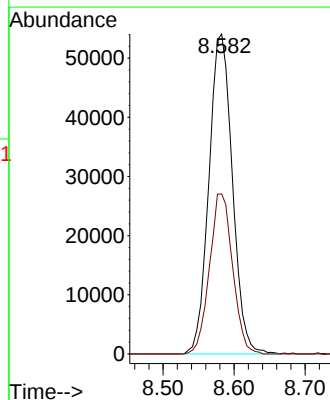
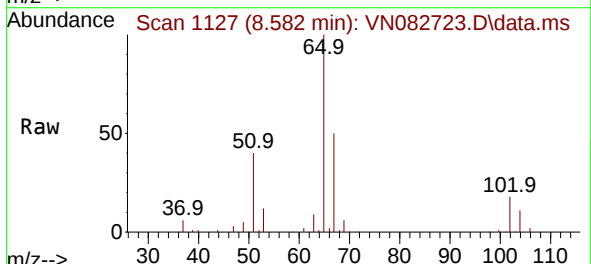
Instrument :
MSVOA_N
ClientSampleId :
ARS20-008

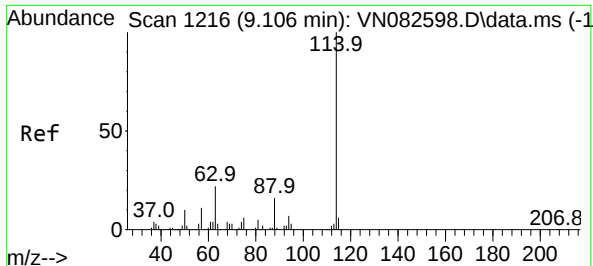
Tgt Ion: 84	Resp: 7651
Ion Ratio	Lower Upper
84	100
49	111.8 119.6 179.4#
51	28.8 34.8 52.2#
86	62.3 52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 58.735 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082723.D
Acq: 25 Jun 2024 17:24

Tgt Ion: 65	Resp: 124107
Ion Ratio	Lower Upper
65	100
67	49.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082723.D

Acq: 25 Jun 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

ARS20-008

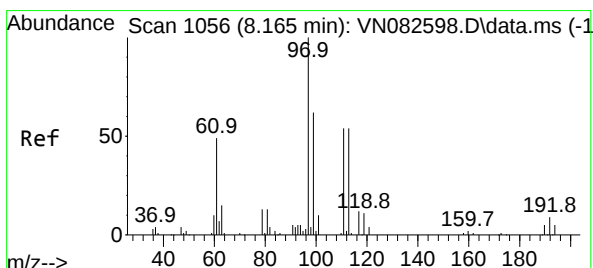
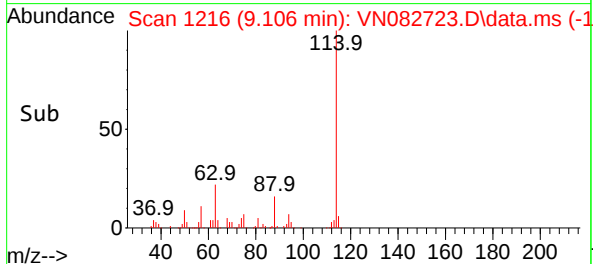
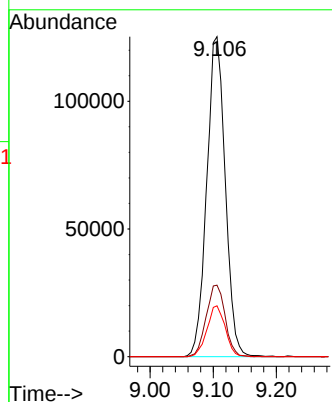
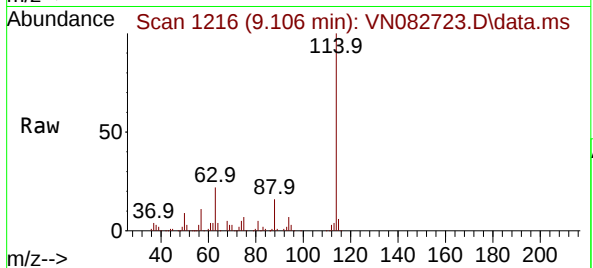
Tgt Ion:114 Resp: 255522

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.076 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082723.D

Acq: 25 Jun 2024 17:24

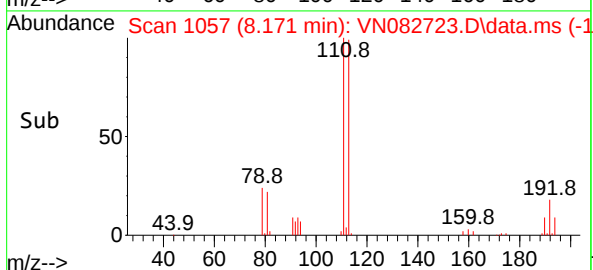
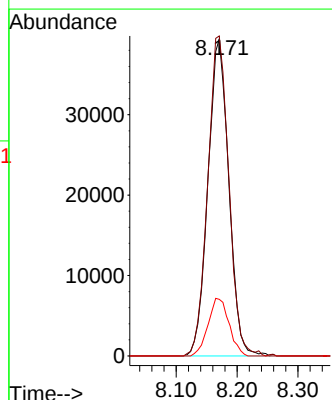
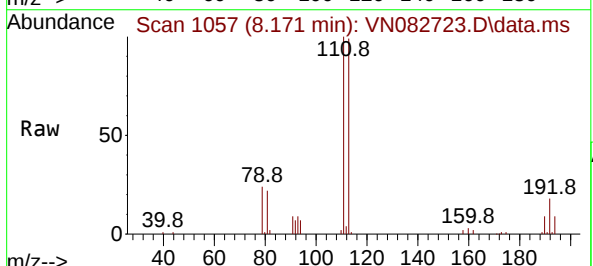
Tgt Ion:113 Resp: 93737

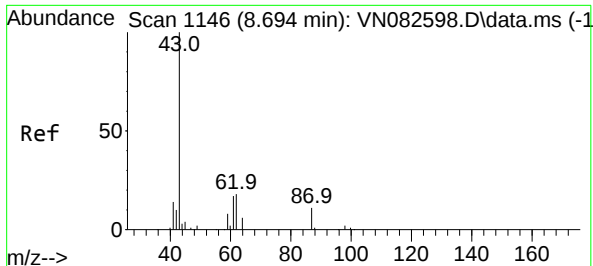
Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 18.3 14.9 22.3

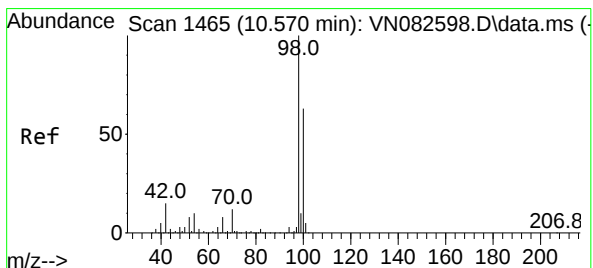
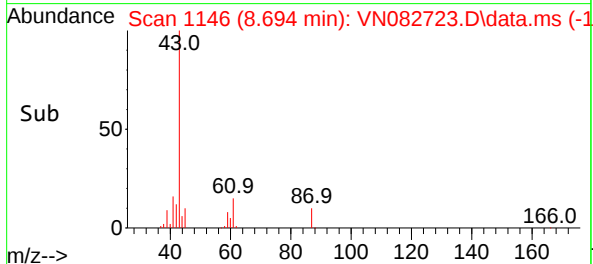
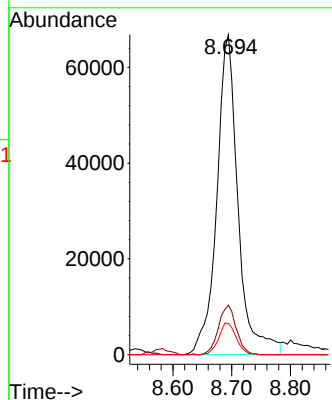
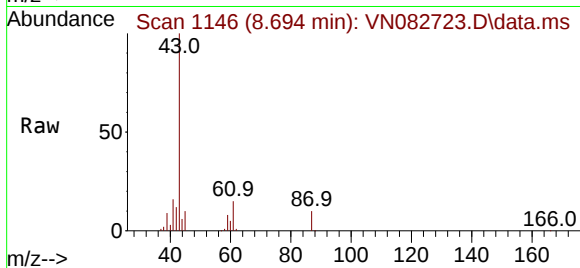




#43
Isopropyl Acetate
Concen: 27.176 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082723.D
Acq: 25 Jun 2024 17:24

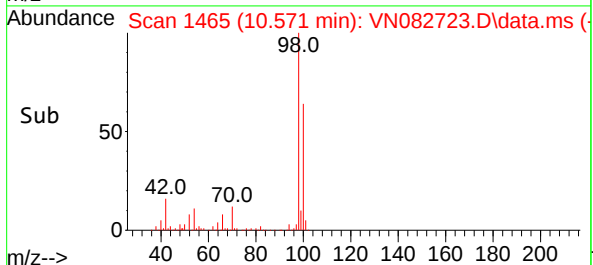
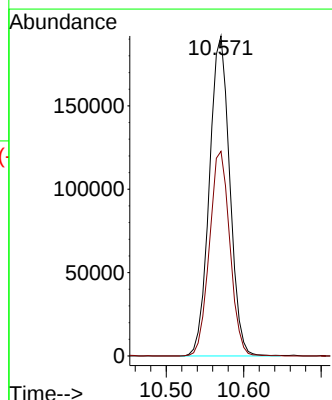
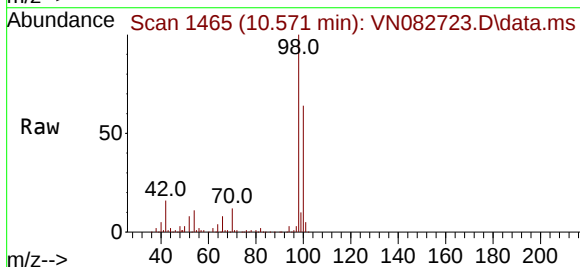
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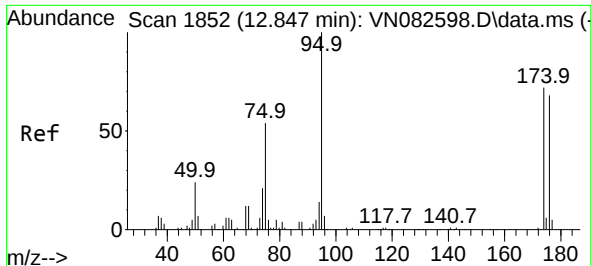
Tgt Ion: 43 Resp: 167640
Ion Ratio Lower Upper
43 100
61 12.9 17.8 26.6#
87 8.1 8.2 12.2#



#50
Toluene-d8
Concen: 53.461 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082723.D
Acq: 25 Jun 2024 17:24

Tgt Ion: 98 Resp: 350452
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 47.194 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082723.D

Acq: 25 Jun 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

ARS20-008

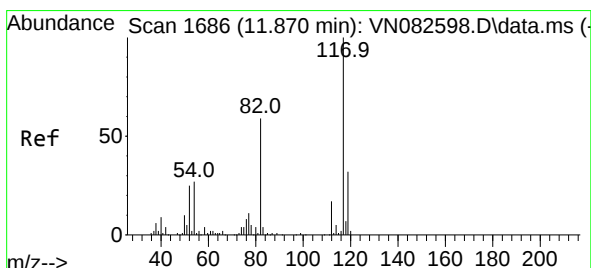
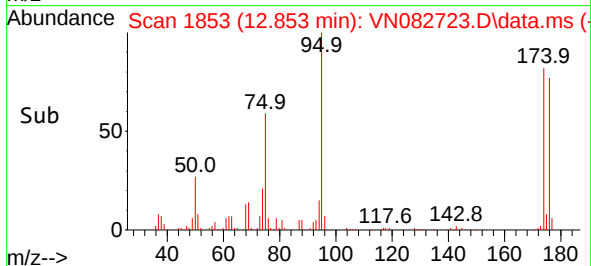
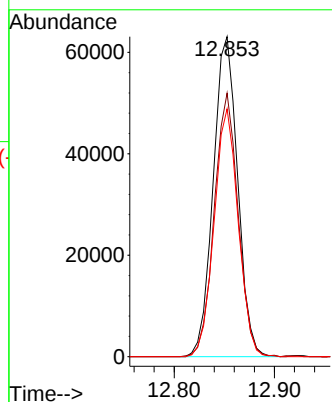
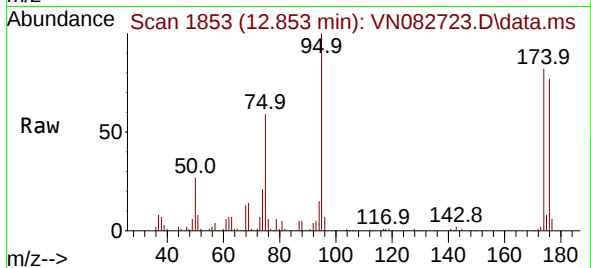
Tgt Ion: 95 Resp: 106658

Ion Ratio Lower Upper

95 100

174 80.5 0.0 159.2

176 76.4 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN082723.D

Acq: 25 Jun 2024 17:24

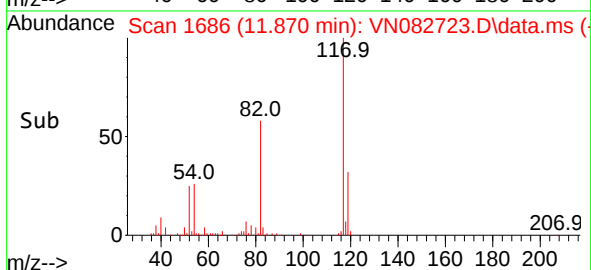
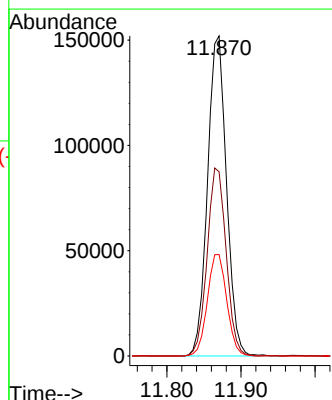
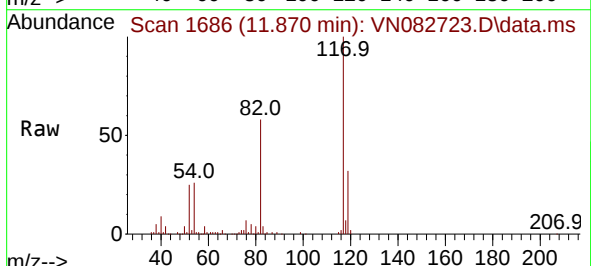
Tgt Ion: 117 Resp: 270285

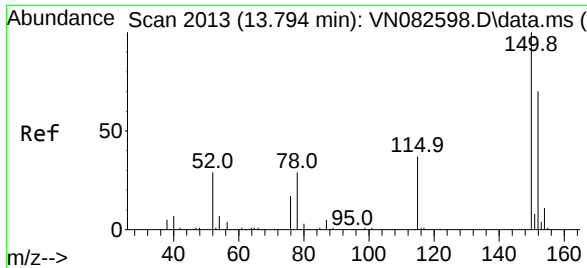
Ion Ratio Lower Upper

117 100

82 57.5 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# 20
 Delta R.T. 0.000 min
 Lab File: VN082723.D
 Acq: 25 Jun 2024 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-008

Tgt Ion:152 Resp: 105677
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.6 91.6
 150 154.4 0.0 348.6

