

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081675.D
 Acq On : 08 Apr 2024 15:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 09 01:56:32 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	8.230	168	395274	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	715965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	649388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	261154	50.000	ug/l	0.00

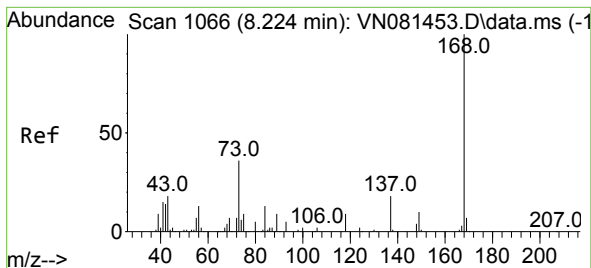
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	255199	50.627	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.260%
35) Dibromofluoromethane	8.165	113	221012	48.913	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	10.565	98	846608	51.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.853	95	278575	48.403	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.800%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.430	43	18137	11.133	ug/l	99
20) Methylene Chloride	5.265	84	1512	0.283	ug/l	# 33
31) Cyclohexane	8.230	56	9094	1.109	ug/l	# 20
36) 1,1-Dichloropropene	8.224	75	31940	4.200	ug/l	# 51
38) Carbon Tetrachloride	8.224	117	43604	5.235	ug/l	# 19
43) Isopropyl Acetate	8.683	43	2951	0.273	ug/l	# 69
52) Toluene	10.629	92	17468	1.236	ug/l	100
68) m/p-Xylenes	12.071	106	7204	0.721	ug/l	77
76) 1,2,3-Trichloropropane	12.847	75	142124	22.751	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	142124	61.481	ug/l	# 14

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

Quant Time: Apr 09 01:56:32 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081675.D

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Instrument :

MSVOA_N

ClientSampleId :

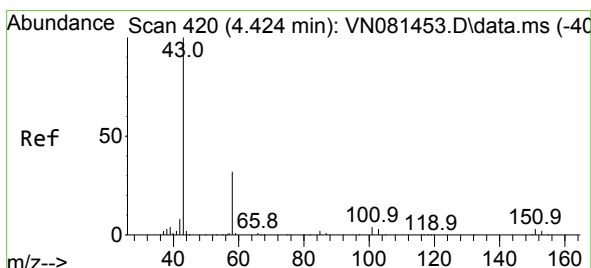
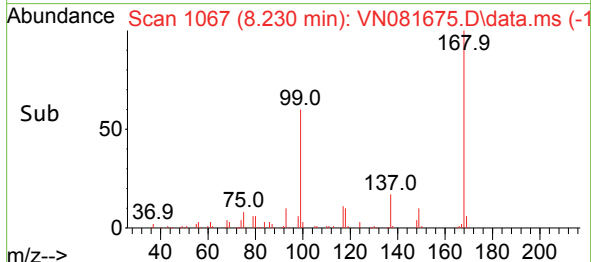
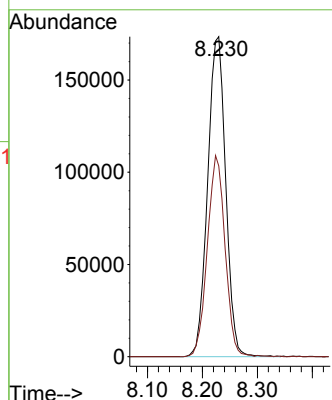
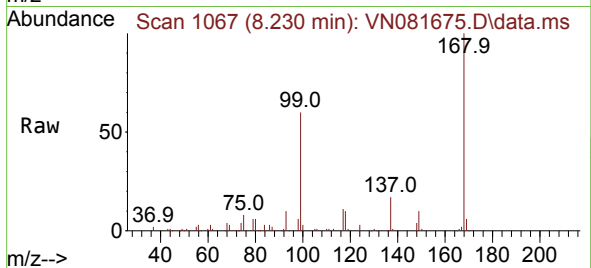
IBLK

Tgt Ion:168 Resp: 395274

Ion Ratio Lower Upper

168 100

99 59.6 59.9 89.9#



#16

Acetone

Concen: 11.133 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN081675.D

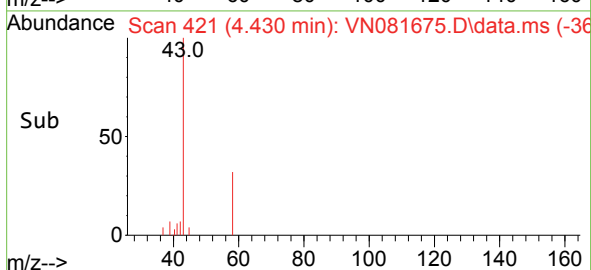
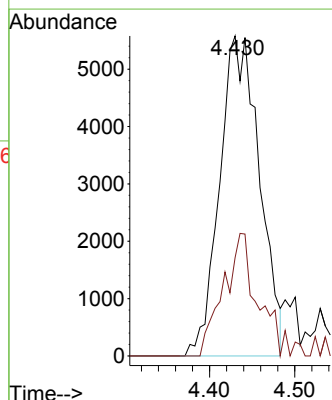
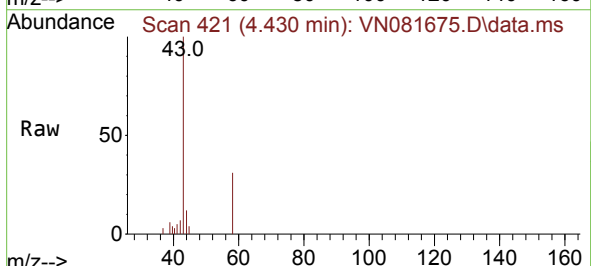
Acq: 08 Apr 2024 15:36

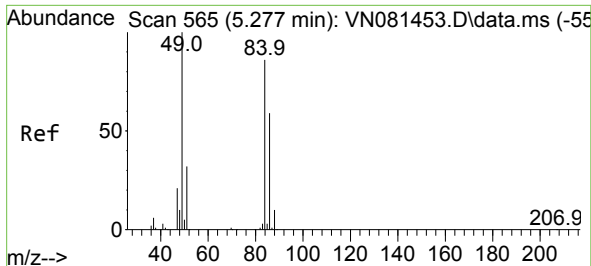
Tgt Ion: 43 Resp: 18137

Ion Ratio Lower Upper

43 100

58 30.7 24.8 37.2

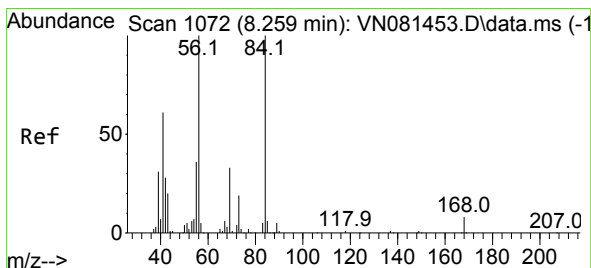
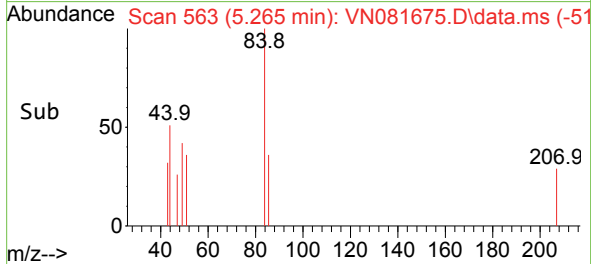
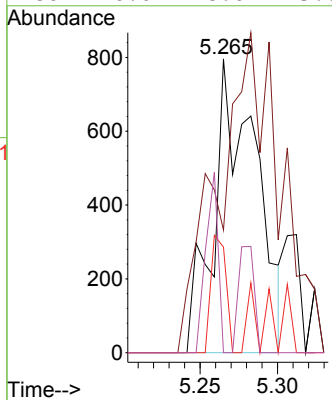
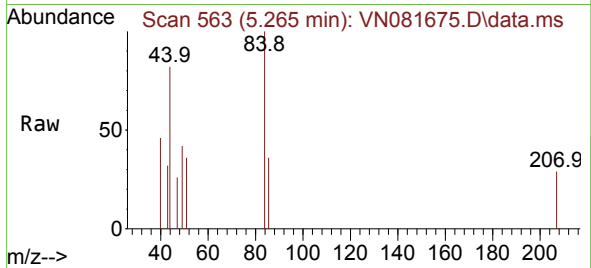




#20
Methylene Chloride
Concen: 0.283 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081675.D
Acq: 08 Apr 2024 15:36

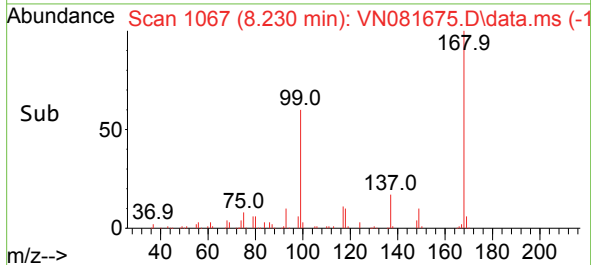
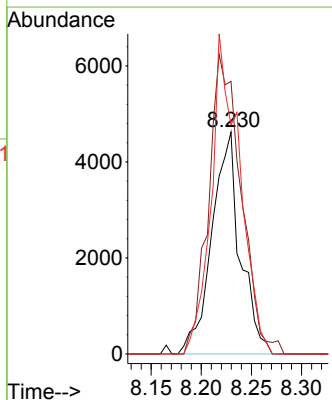
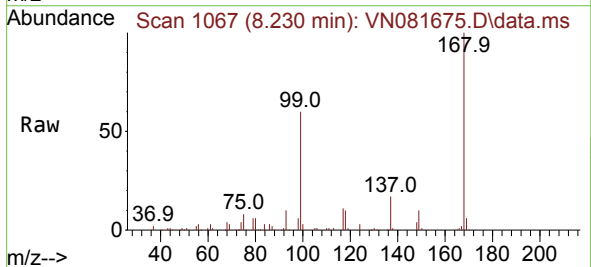
Instrument :
MSVOA_N
ClientSampleId :
IBLK

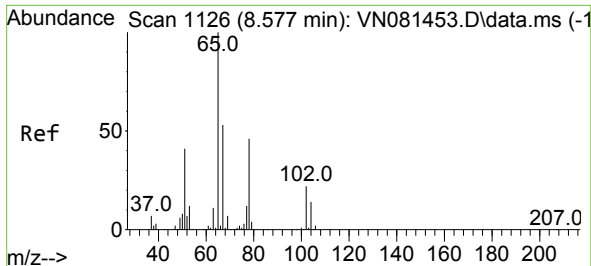
Tgt Ion:	84	Resp:	1512
Ion	Ratio	Lower	Upper
84	100		
49	41.7	108.1	162.1#
51	35.9	32.9	49.3
86	0.0	48.6	73.0#



#31
Cyclohexane
Concen: 1.109 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081675.D
Acq: 08 Apr 2024 15:36

Tgt Ion:	56	Resp:	9094
Ion	Ratio	Lower	Upper
56	100		
69	123.0	20.1	30.1#
84	103.4	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.627 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081675.D

Acq: 08 Apr 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

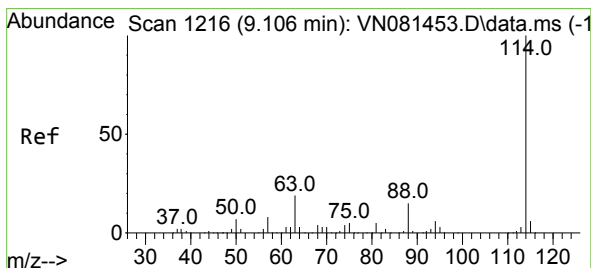
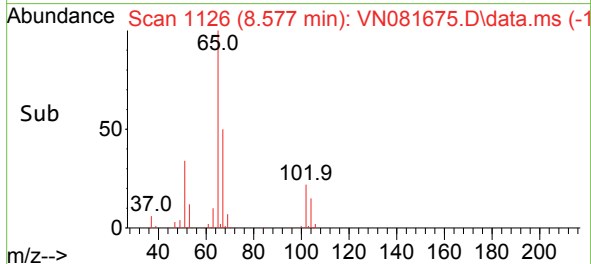
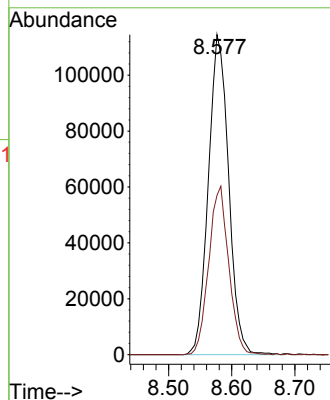
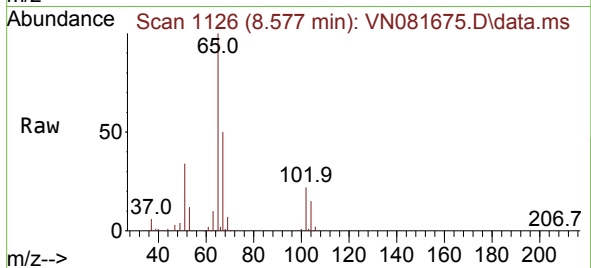
IBLK

Tgt Ion: 65 Resp: 255199

Ion Ratio Lower Upper

65 100

67 51.9 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: VN081675.D

Acq: 08 Apr 2024 15:36

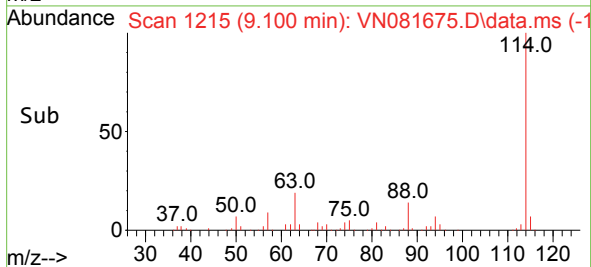
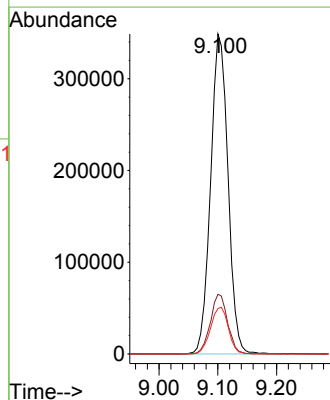
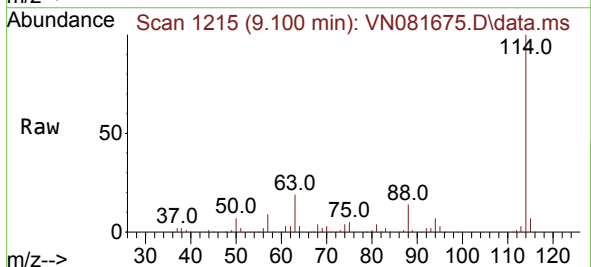
Tgt Ion: 114 Resp: 715965

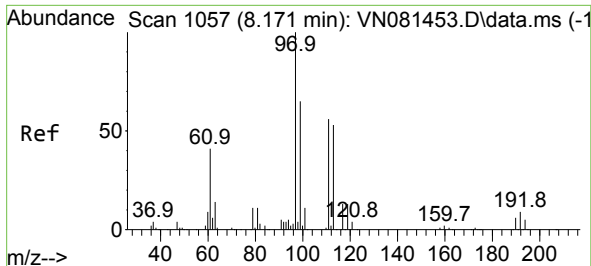
Ion Ratio Lower Upper

114 100

63 18.7 0.0 48.0

88 14.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.913 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081675.D

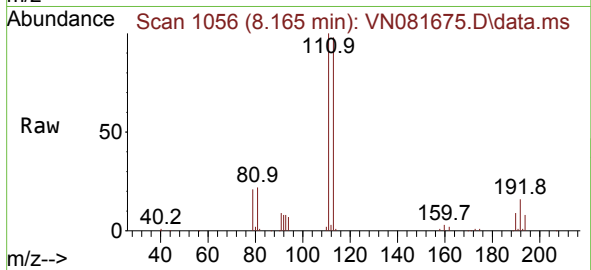
Acq: 08 Apr 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

IBLK



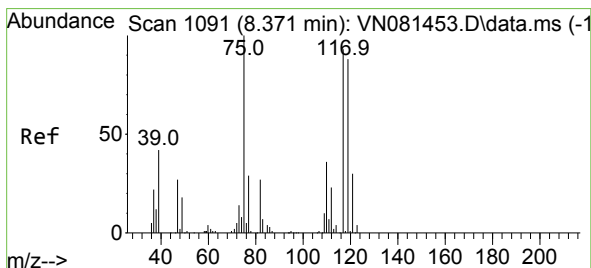
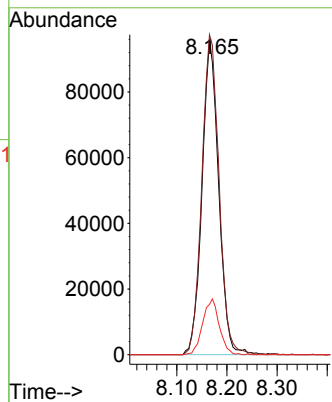
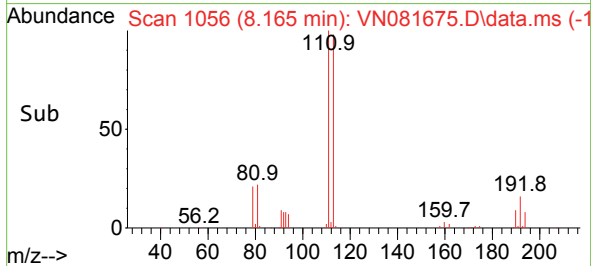
Tgt Ion:113 Resp: 221012

Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 17.6 12.5 18.7



#36

1,1-Dichloropropene

Concen: 4.200 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081675.D

Acq: 08 Apr 2024 15:36

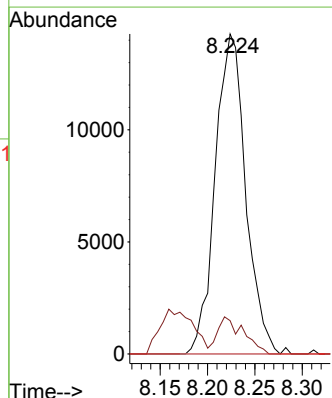
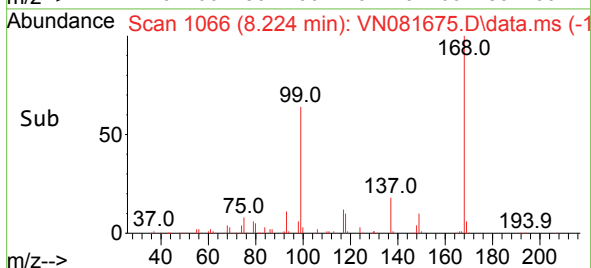
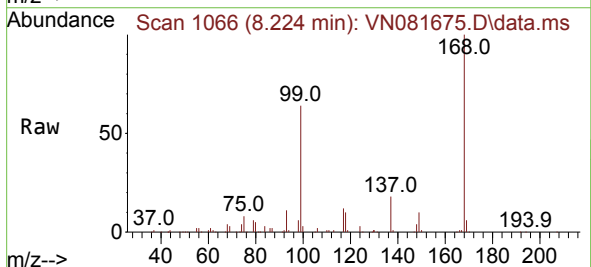
Tgt Ion: 75 Resp: 31940

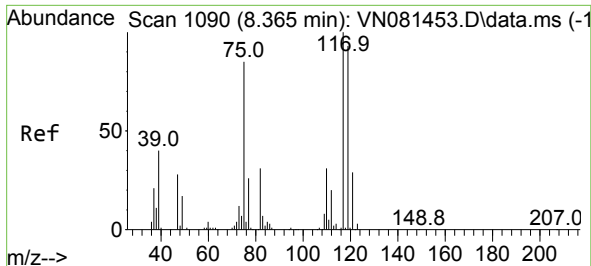
Ion Ratio Lower Upper

75 100

110 9.9 16.0 48.0#

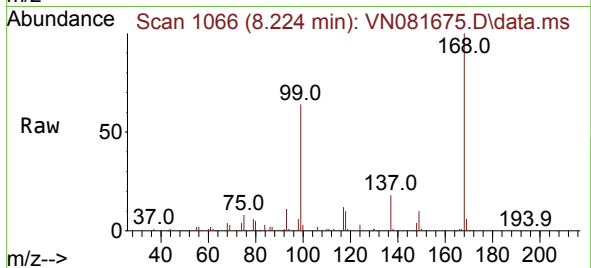
77 0.0 25.8 38.6#



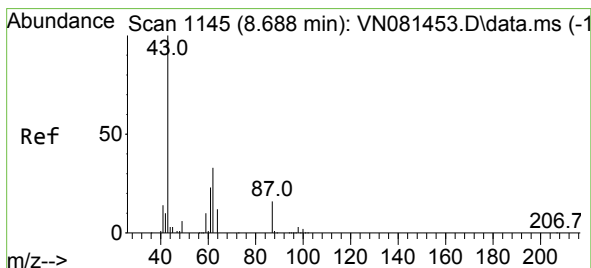
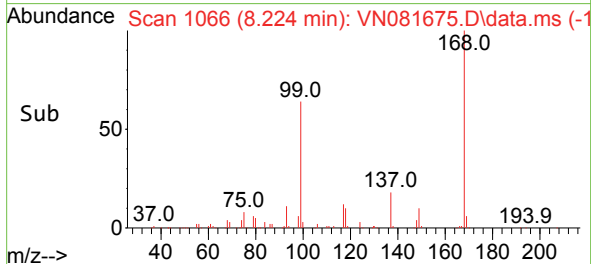
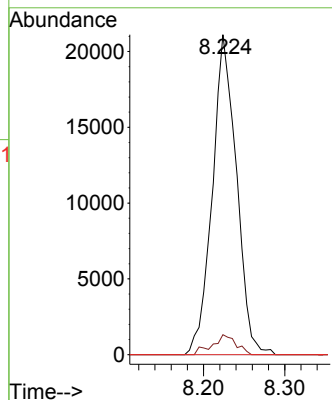


#38
Carbon Tetrachloride
Concen: 5.235 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081675.D
Acq: 08 Apr 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
IBLK

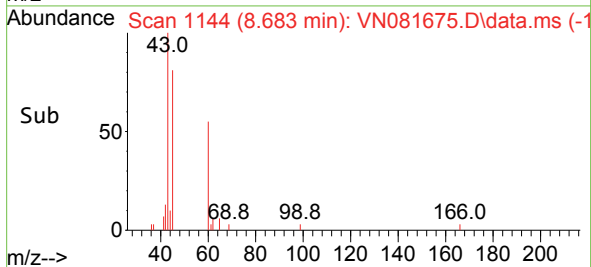
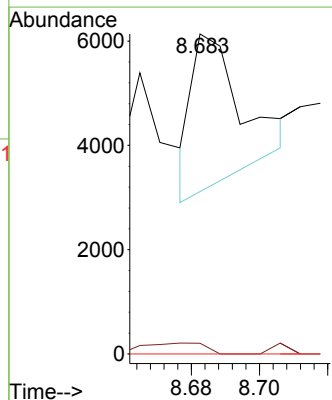
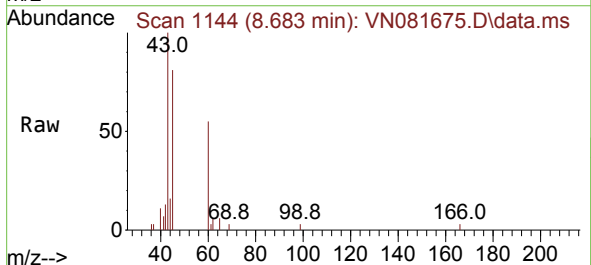


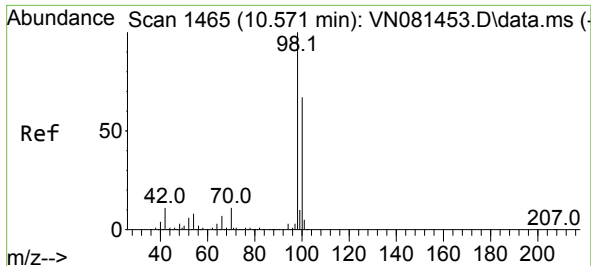
Tgt Ion:117 Resp: 43604
Ion Ratio Lower Upper
117 100
119 6.2 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.273 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081675.D
Acq: 08 Apr 2024 15:36

Tgt Ion: 43 Resp: 2951
Ion Ratio Lower Upper
43 100
61 9.1 19.9 29.9#
87 0.0 9.0 13.6#

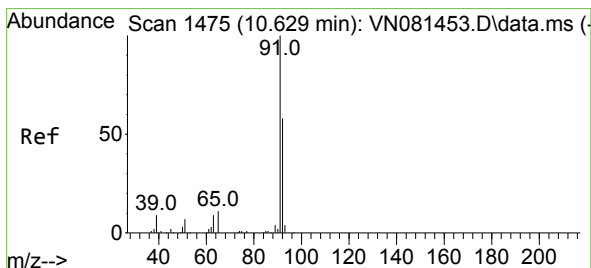
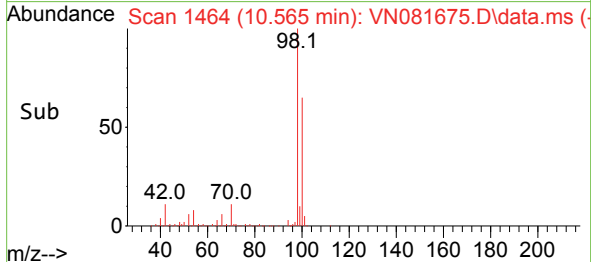
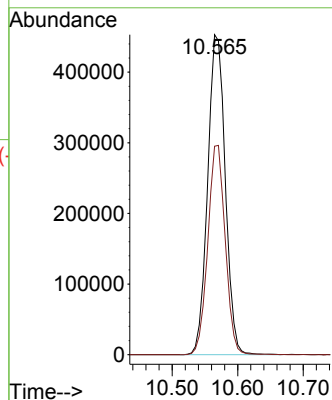
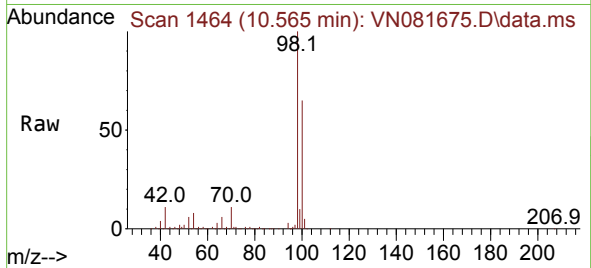




#50
Toluene-d8
Concen: 51.832 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081675.D
Acq: 08 Apr 2024 15:36

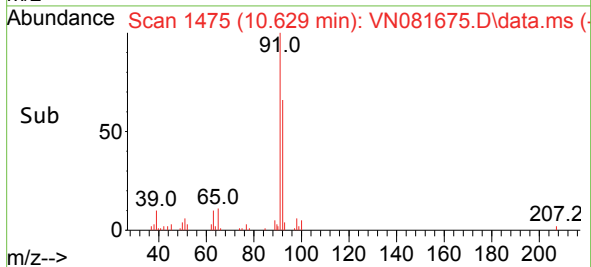
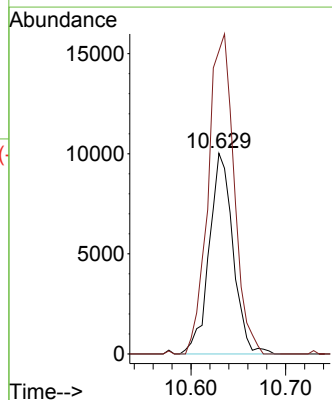
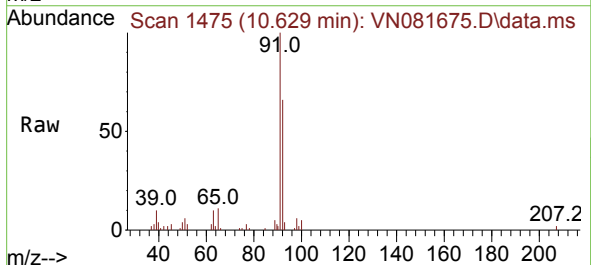
Instrument :
MSVOA_N
ClientSampleId :
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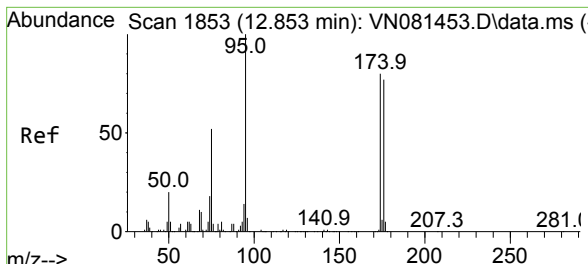
Tgt Ion: 98 Resp: 846608
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#52
Toluene
Concen: 1.236 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081675.D
Acq: 08 Apr 2024 15:36

Tgt Ion: 92 Resp: 17468
Ion Ratio Lower Upper
92 100
91 173.9 139.4 209.0

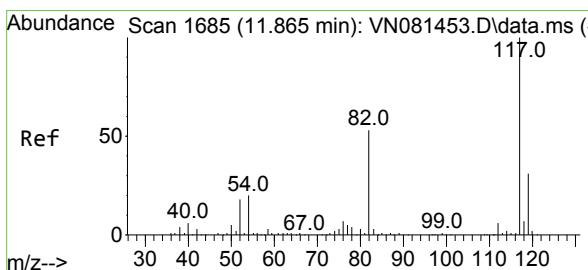
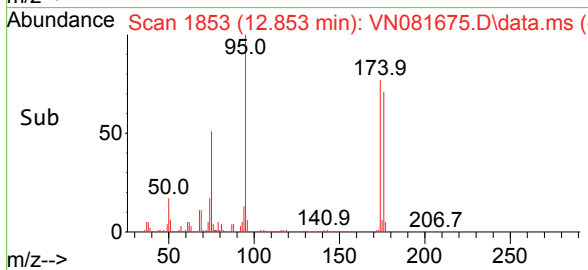
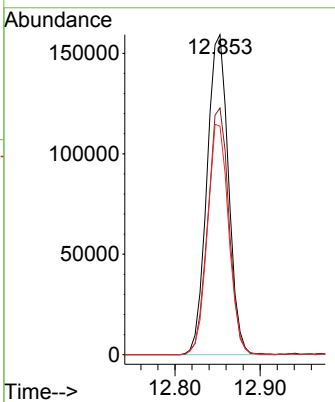
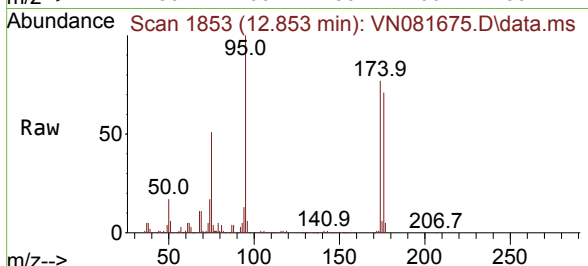




#62
 4-Bromofluorobenzene
 Concen: 48.403 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081675.D
 Acq: 08 Apr 2024 15:36

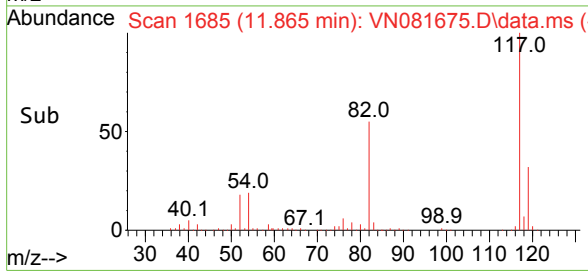
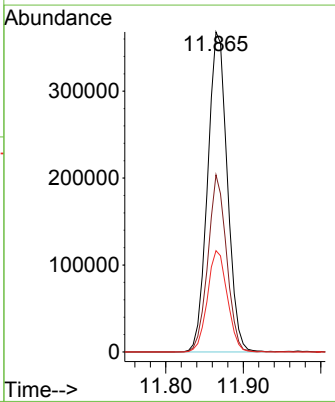
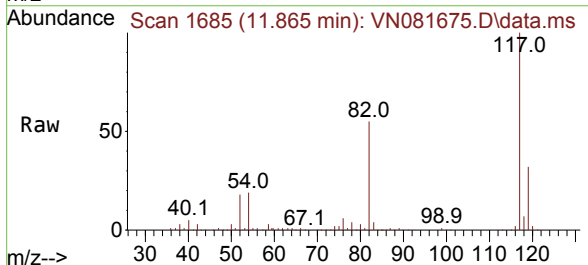
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

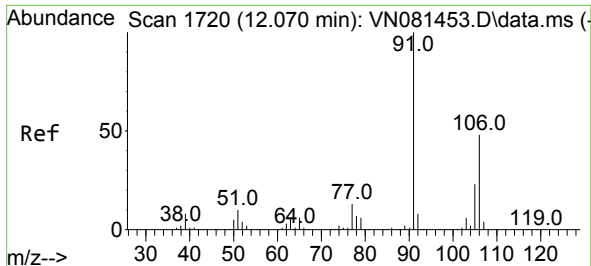
Tgt Ion:	95	Resp:	278575
Ion Ratio	Lower	Upper	
95	100		
174	76.4	0.0	120.4
176	71.3	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081675.D
 Acq: 08 Apr 2024 15:36

Tgt Ion:	117	Resp:	649388
Ion Ratio	Lower	Upper	
117	100		
82	55.4	52.7	79.1
119	31.7	25.3	37.9

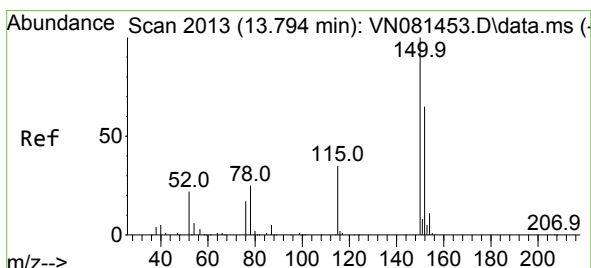
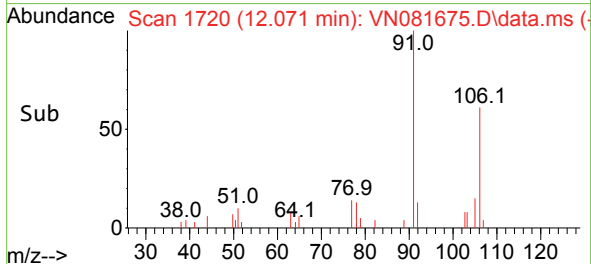
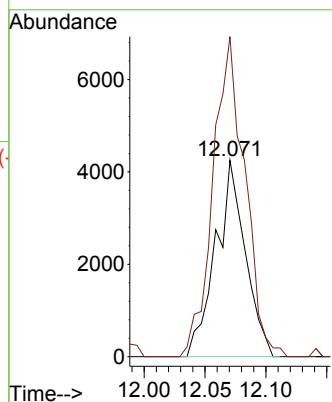
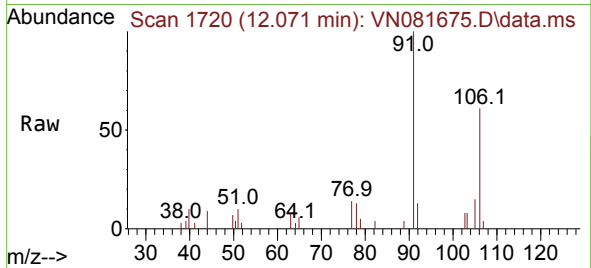




#68
m/p-Xylenes
Concen: 0.721 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081675.D
Acq: 08 Apr 2024 15:36

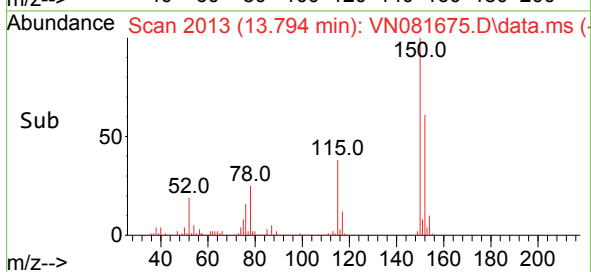
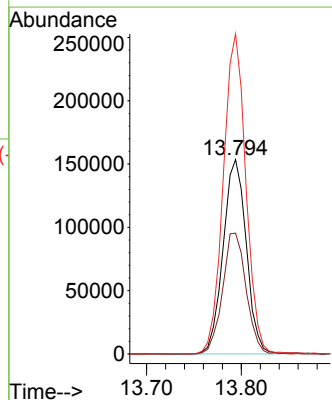
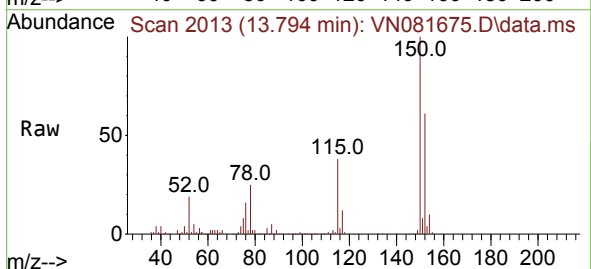
Instrument :
MSVOA_N
ClientSampleId :
IBLK

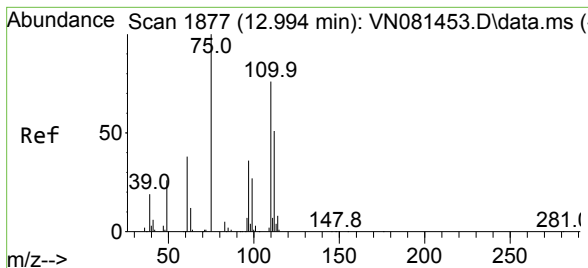
Tgt Ion:106 Resp: 7204
Ion Ratio Lower Upper
106 100
91 175.1 169.0 253.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081675.D
Acq: 08 Apr 2024 15:36

Tgt Ion:152 Resp: 261154
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 160.6 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 22.751 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081675.D

Acq: 08 Apr 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

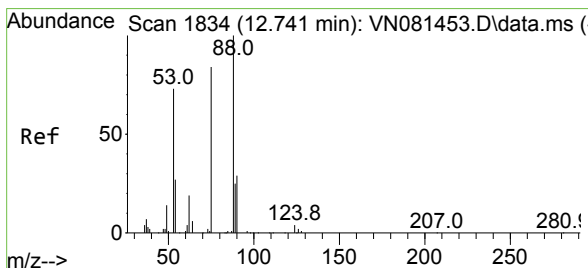
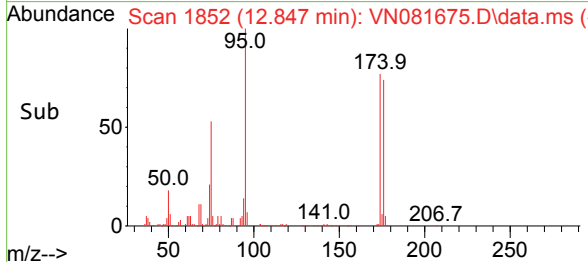
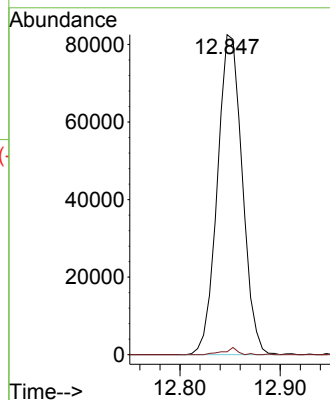
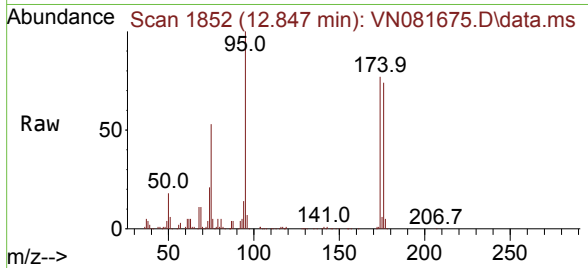
IBLK

Tgt Ion: 75 Resp: 142124

Ion Ratio Lower Upper

75 100

77 1.3 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.481 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081675.D

Acq: 08 Apr 2024 15:36

Tgt Ion: 75 Resp: 142124

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.1 33.4 50.0#

