

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012324\
 Data File : VN080761.D
 Acq On : 23 Jan 2024 14:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 24 02:00:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

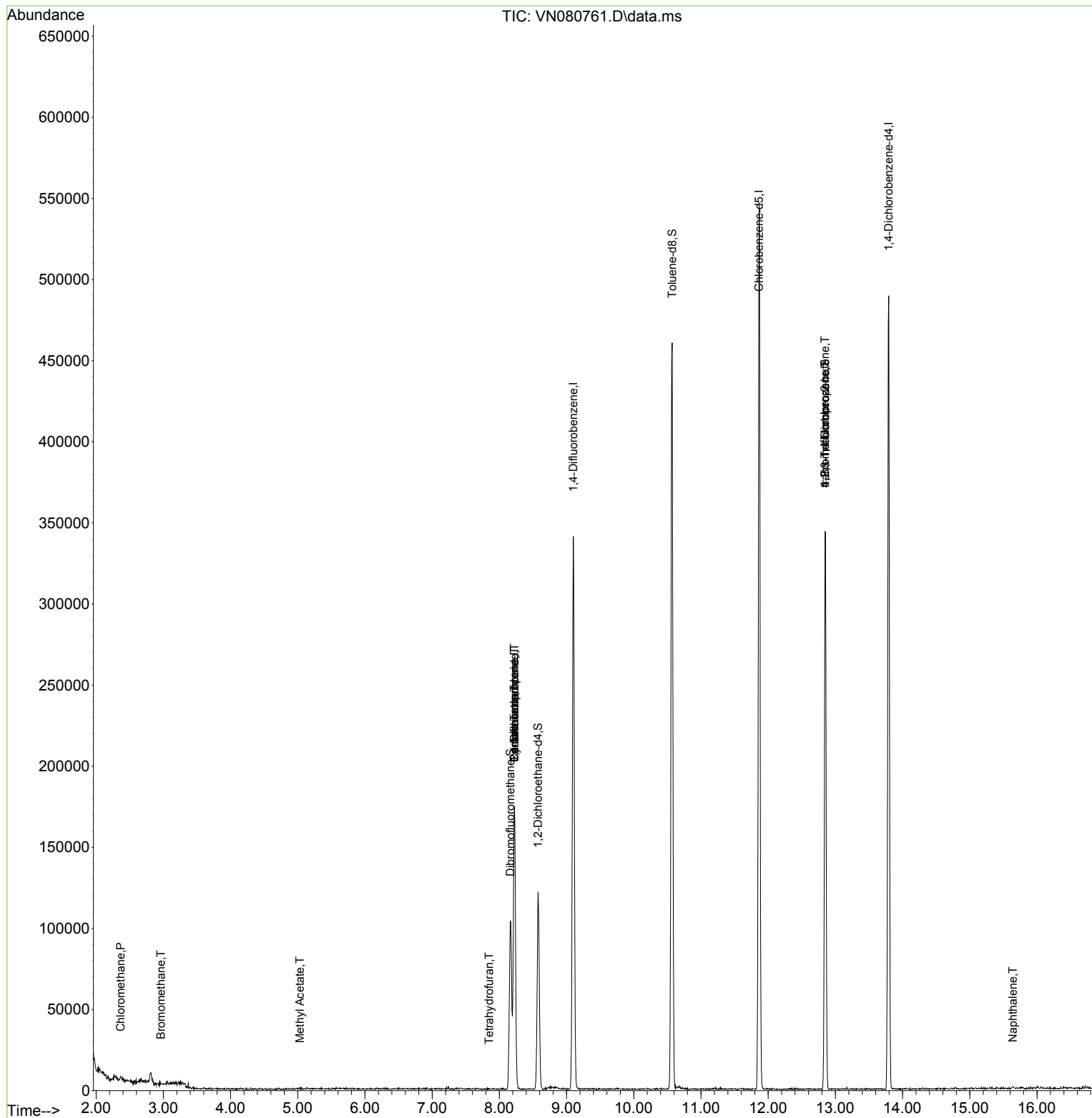
Internal Standards						
1) Pentafluorobenzene	8.224	168	118856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	91553	43.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.720%
35) Dibromofluoromethane	8.165	113	74332	49.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	10.570	98	306731	53.221	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.847	95	121825	55.122	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2344	0.425	ug/l #	64
5) Bromomethane	2.965	94	163	0.245	ug/l #	4
6) Chloroethane	3.124	64	118	Below Cal	#	43
18) Methyl Acetate	5.030	43	411	0.201	ug/l #	42
29) Tetrahydrofuran	7.847	42	191	0.229	ug/l #	20
31) Cyclohexane	8.224	56	3782	1.173	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	12760	4.121	ug/l #	46
38) Carbon Tetrachloride	8.224	117	13007	4.679	ug/l #	15
76) 1,2,3-Trichloropropane	12.847	75	68092	19.738	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68092	46.532	ug/l #	15
95) Naphthalene	15.641	128	1593	0.204	ug/l #	86

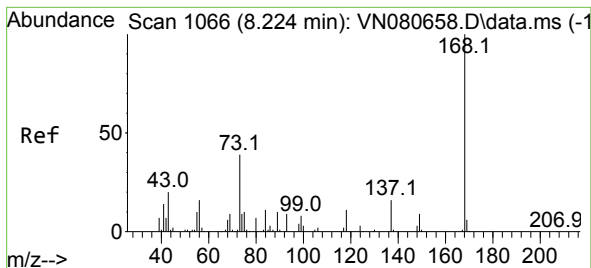
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012324\
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Quant Time: Jan 24 02:00:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080761.D

Acq: 23 Jan 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

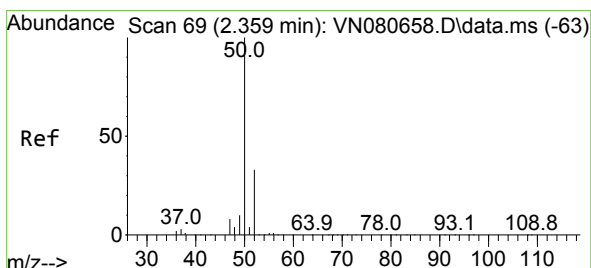
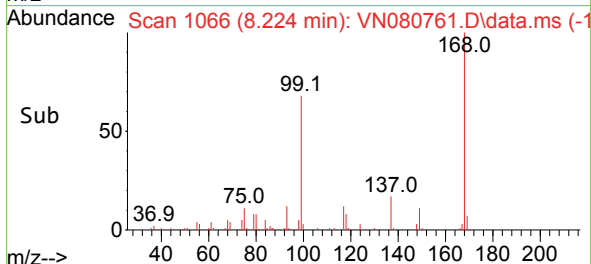
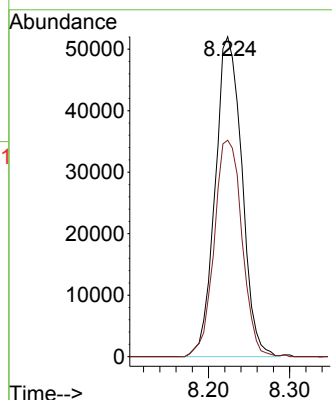
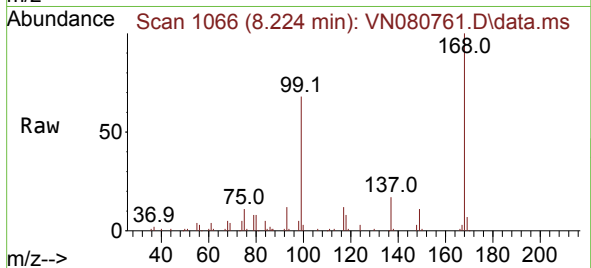
IBLK

Tgt Ion:168 Resp: 118856

Ion Ratio Lower Upper

168 100

99 67.7 53.0 79.6



#3

Chloromethane

Concen: 0.425 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080761.D

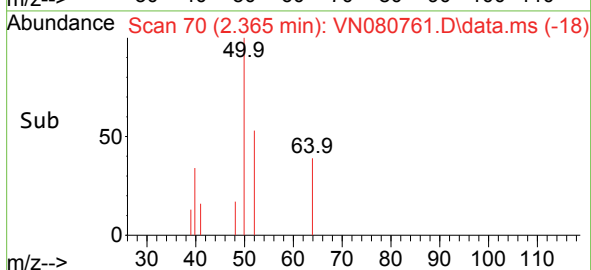
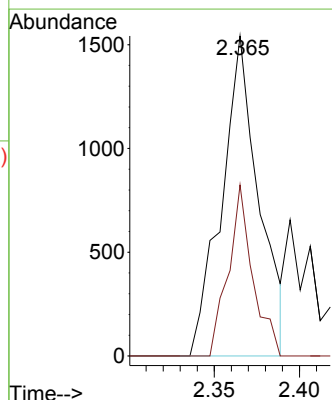
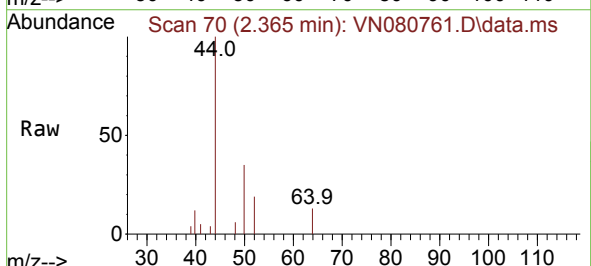
Acq: 23 Jan 2024 14:36

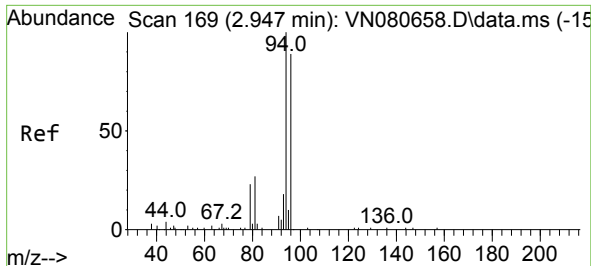
Tgt Ion: 50 Resp: 2344

Ion Ratio Lower Upper

50 100

52 53.4 26.5 39.7#

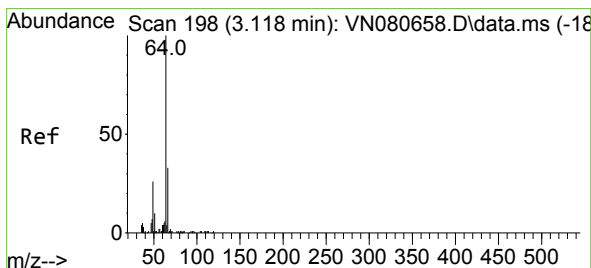
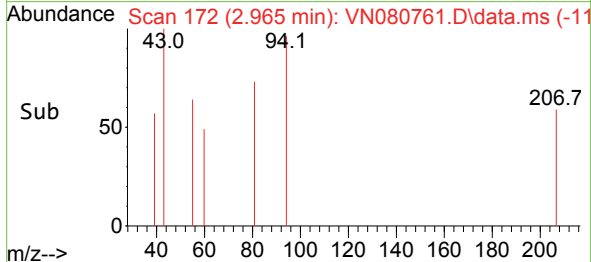
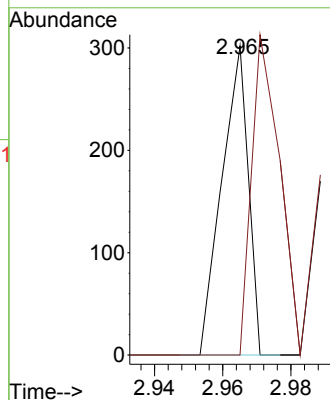
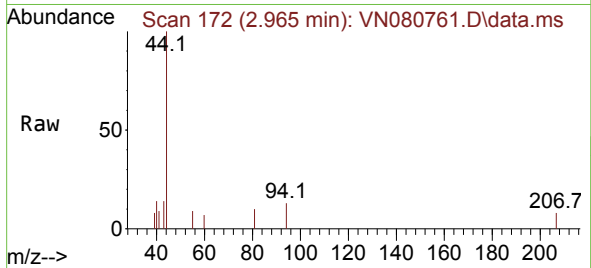




#5
Bromomethane
Concen: 0.245 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

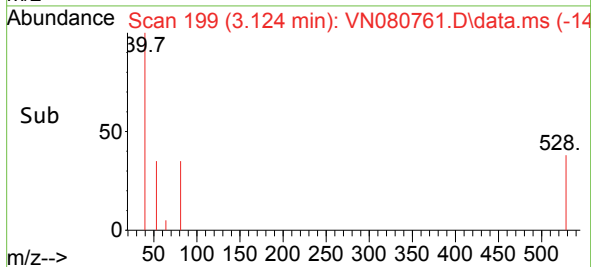
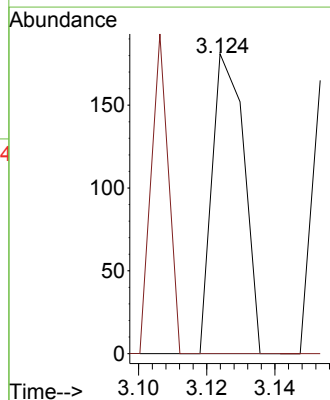
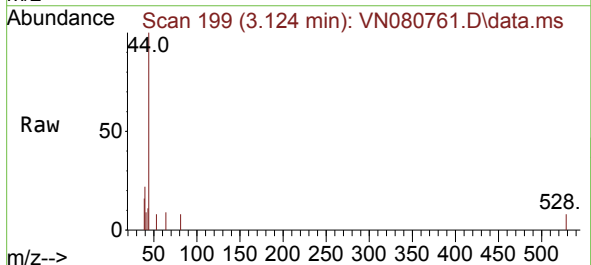
Instrument :
MSVOA_N
ClientSampleId :
IBLK

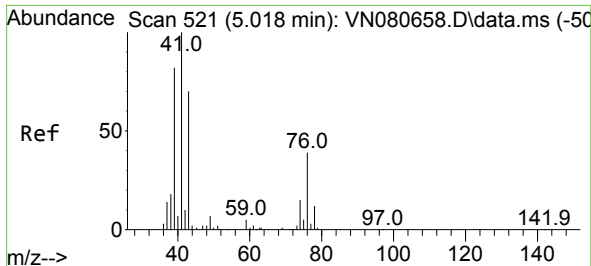
Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

Tgt Ion: 64 Resp: 118
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

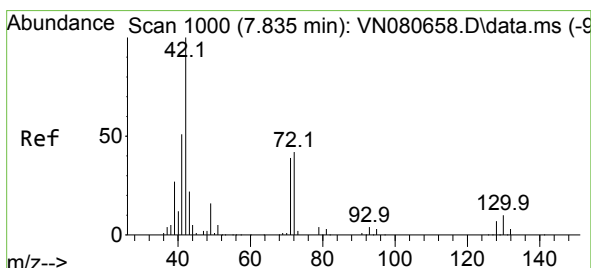
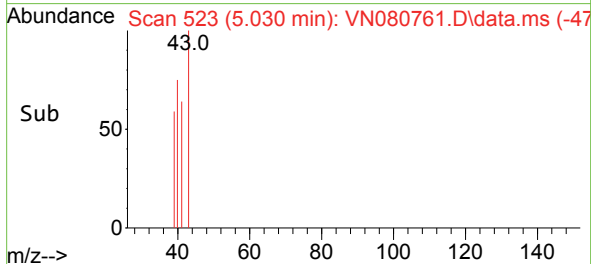
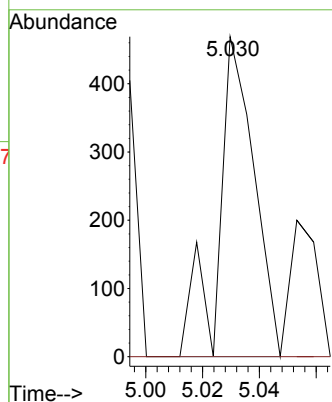
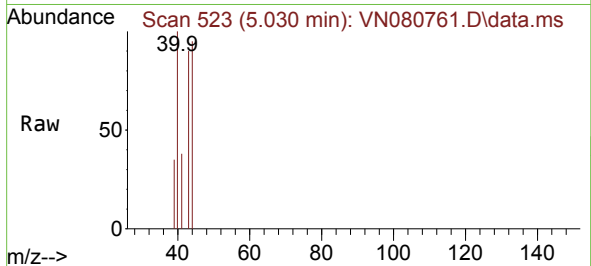




#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

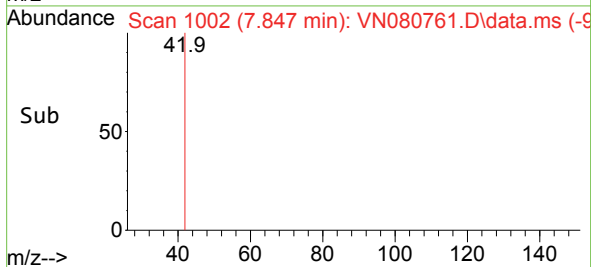
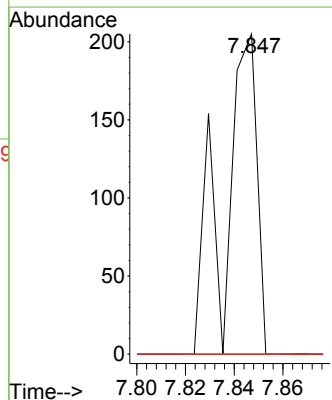
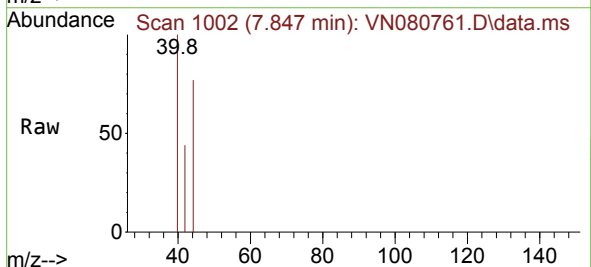
Instrument :
MSVOA_N
ClientSampleId :
IBLK

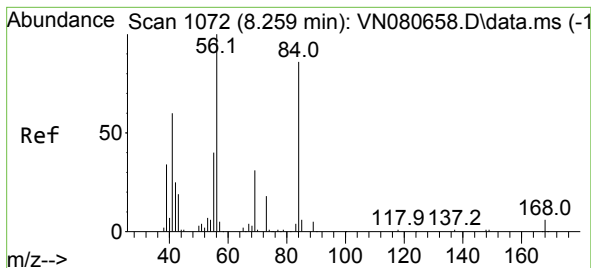
Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#29
Tetrahydrofuran
Concen: 0.229 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

Tgt Ion: 42 Resp: 191
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#





#31

Cyclohexane

Concen: 1.173 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN080761.D

Acq: 23 Jan 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

IBLK

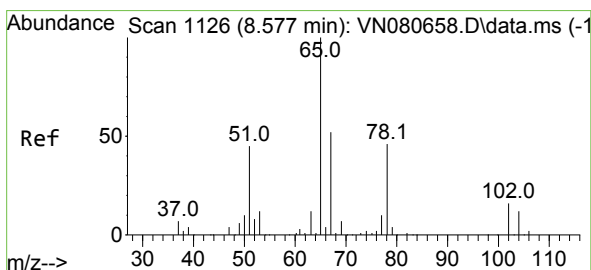
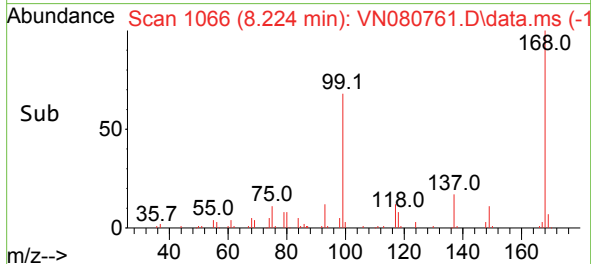
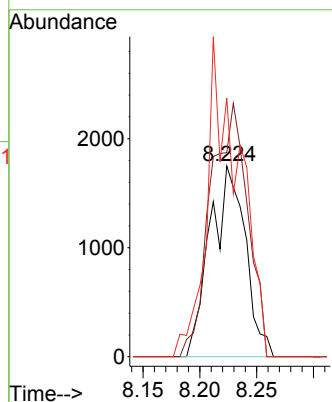
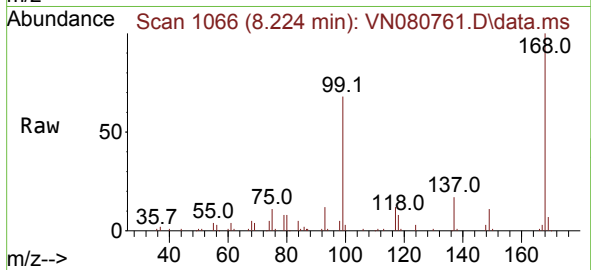
Tgt Ion: 56 Resp: 3782

Ion Ratio Lower Upper

56 100

69 107.0 26.8 40.2#

84 161.6 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 43.863 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.001 min

Lab File: VN080761.D

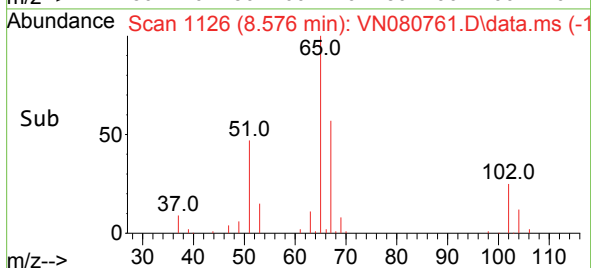
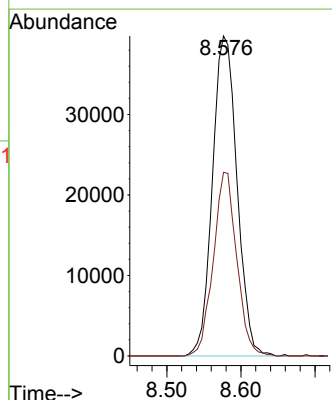
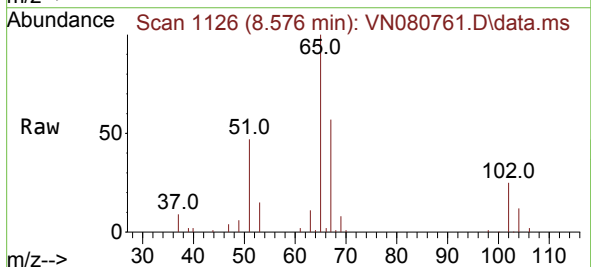
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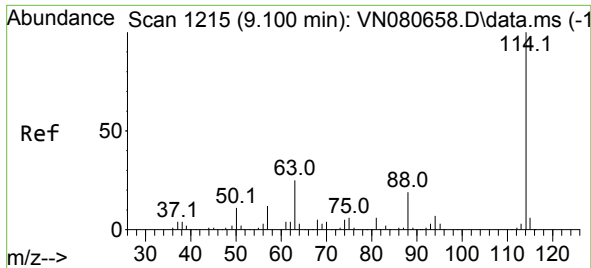
Tgt Ion: 65 Resp: 91553

Ion Ratio Lower Upper

65 100

67 54.7 0.0 106.6

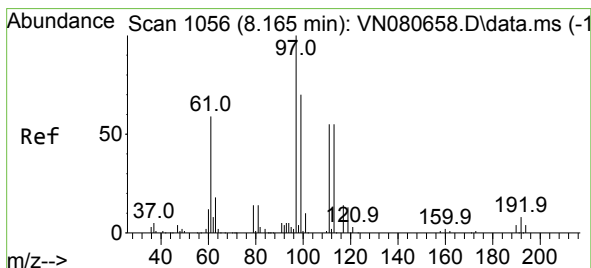
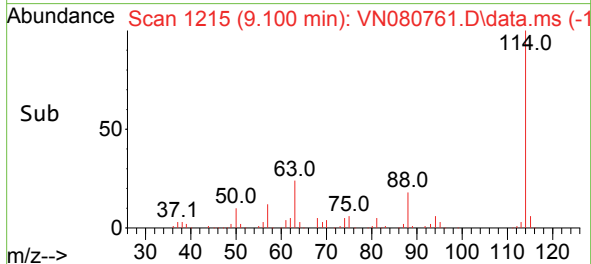
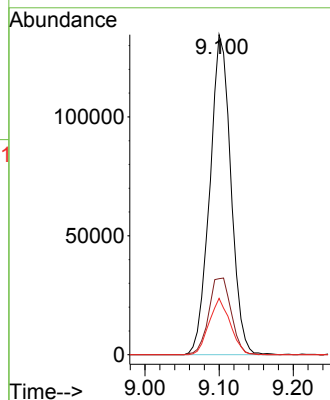
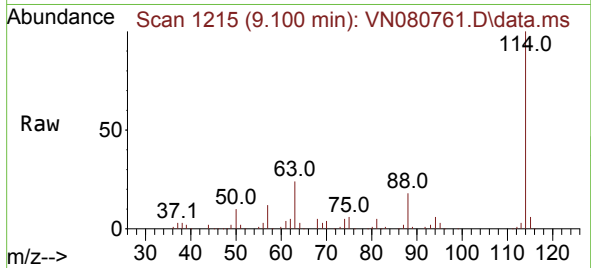




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

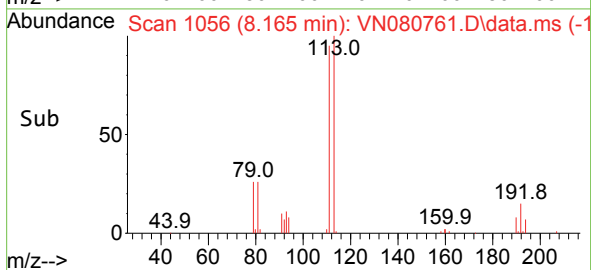
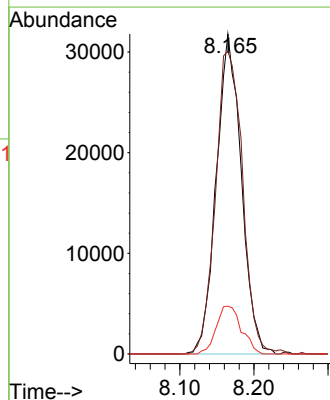
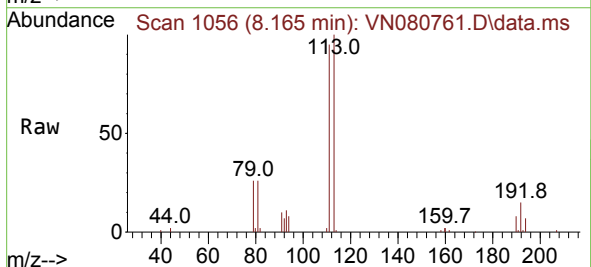
Instrument :
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IBLK

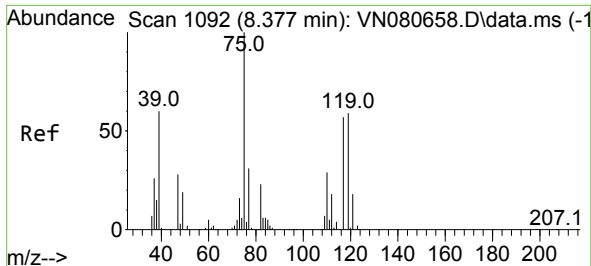
Tgt Ion:114 Resp: 266023
Ion Ratio Lower Upper
114 100
63 23.7 0.0 36.4
88 17.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.178 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

Tgt Ion:113 Resp: 74332
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 15.1 12.7 19.1

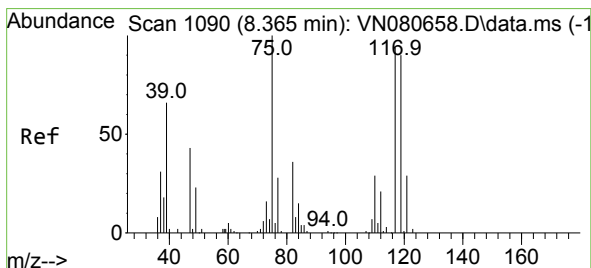
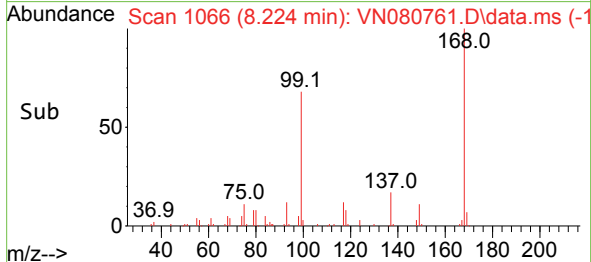
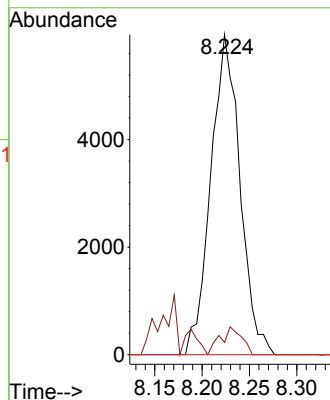
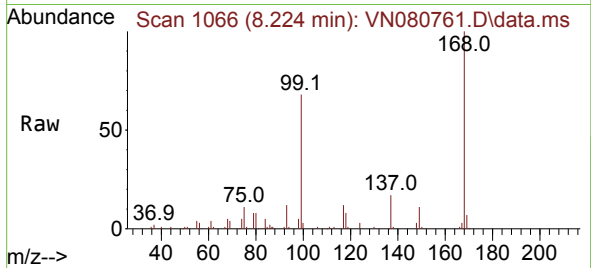




#36
1,1-Dichloropropene
Concen: 4.121 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

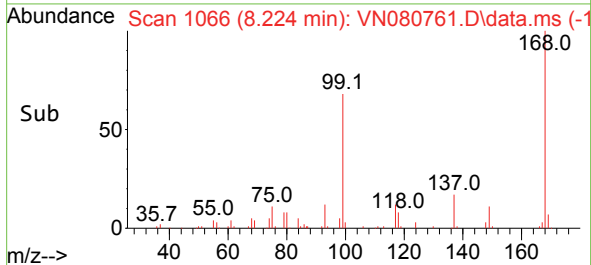
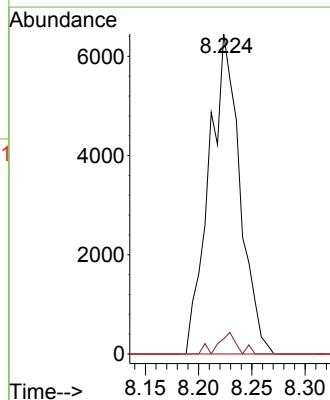
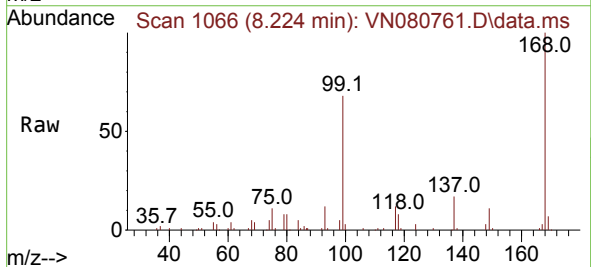
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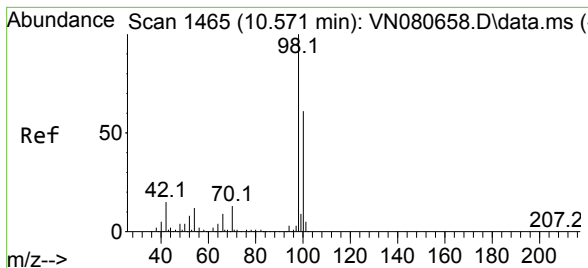
Tgt Ion: 75 Resp: 12760
Ion Ratio Lower Upper
75 100
110 6.3 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 4.679 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

Tgt Ion: 117 Resp: 13007
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 23.3 34.9#

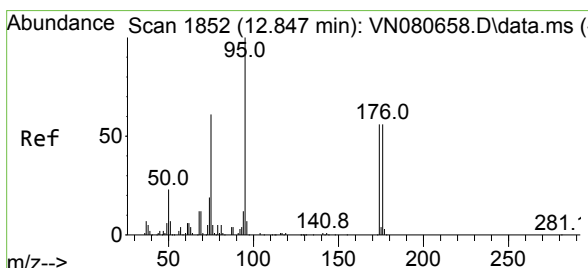
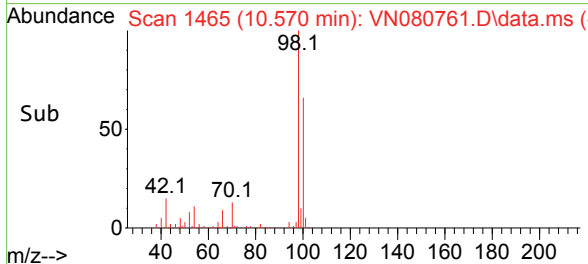
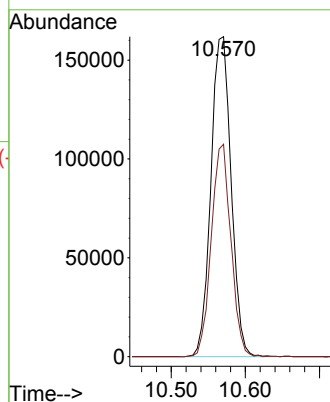
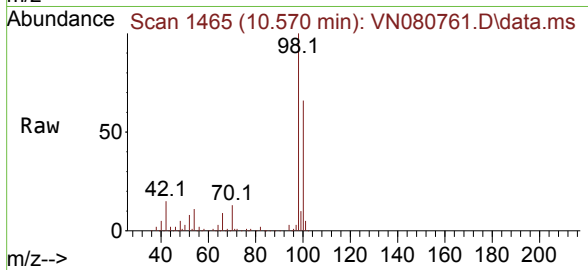




#50
Toluene-d8
Concen: 53.221 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

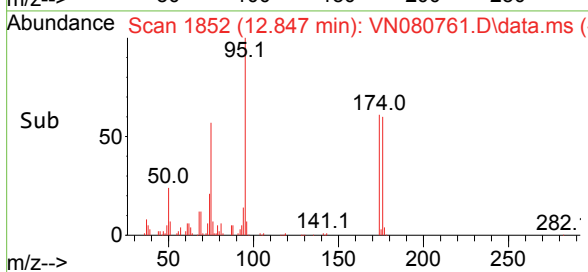
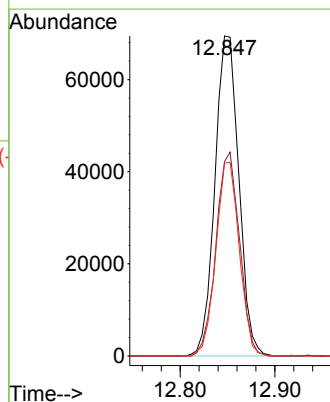
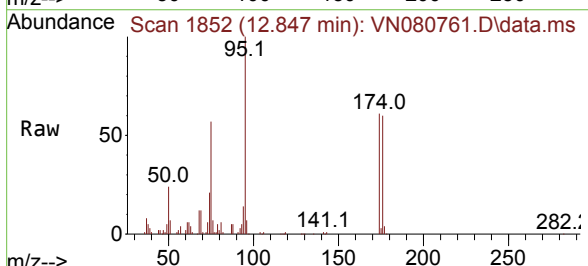
Instrument :
MSVOA_N
ClientSampleId :
IBLK

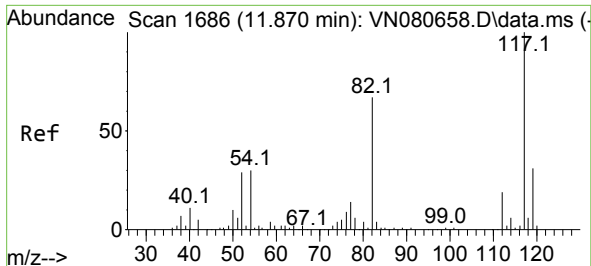
Tgt Ion: 98 Resp: 306731
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.122 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

Tgt Ion: 95 Resp: 121825
Ion Ratio Lower Upper
95 100
174 62.7 0.0 143.8
176 59.3 0.0 135.8

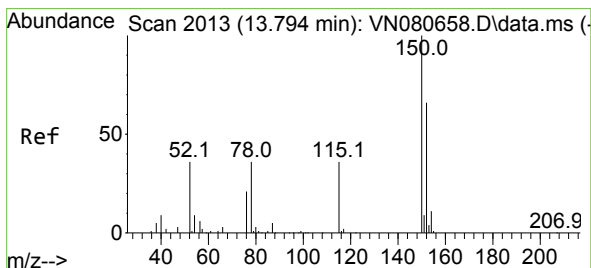
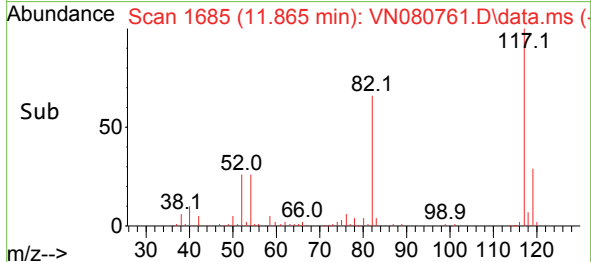
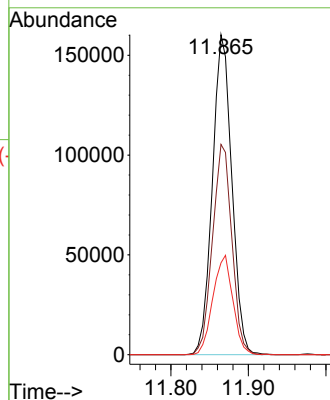
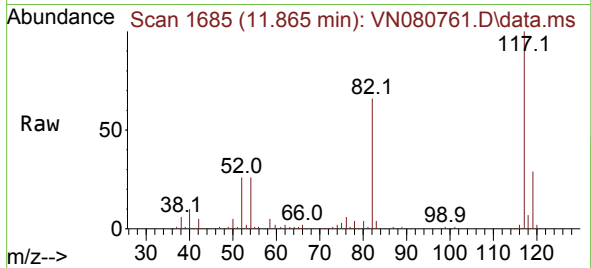




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

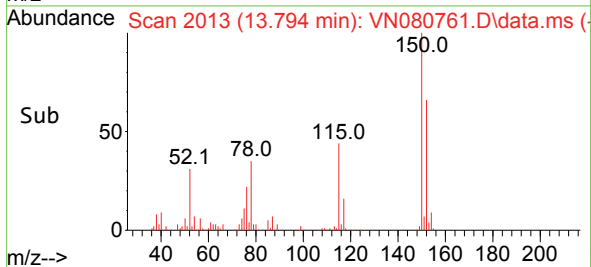
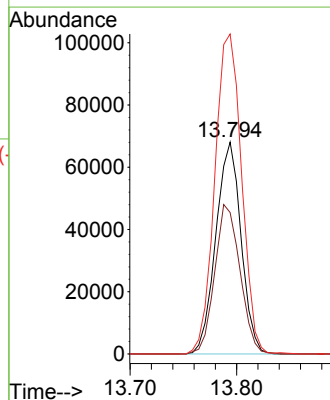
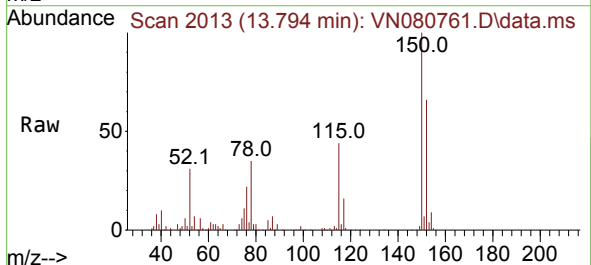
Instrument :
MSVOA_N
ClientSampleId :
IBLK

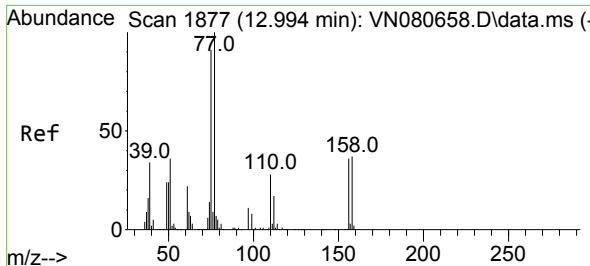
Tgt Ion:117 Resp: 279881
Ion Ratio Lower Upper
117 100
82 65.7 44.0 66.0
119 28.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

Tgt Ion:152 Resp: 111873
Ion Ratio Lower Upper
152 100
115 70.7 32.3 96.8
150 160.3 0.0 355.8

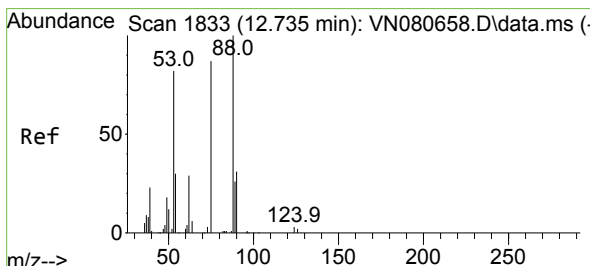
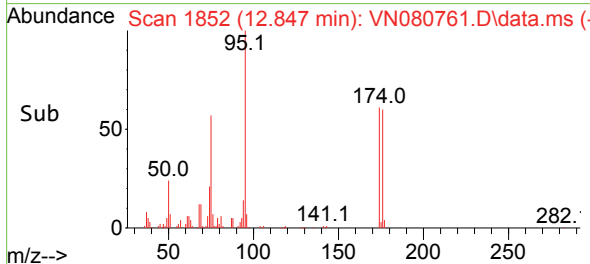
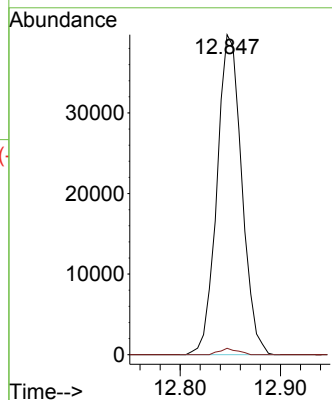
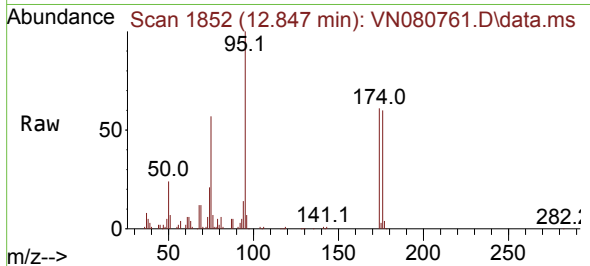




#76
1,2,3-Trichloropropane
Concen: 19.738 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

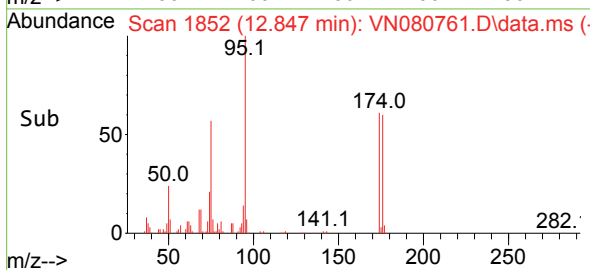
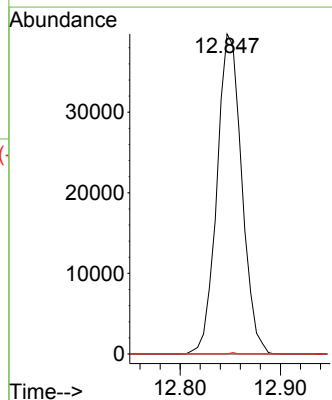
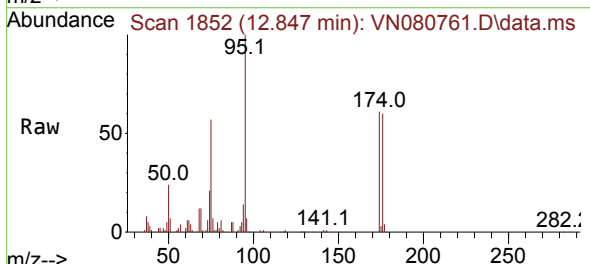
Instrument :
MSVOA_N
ClientSampleId :
IBLK

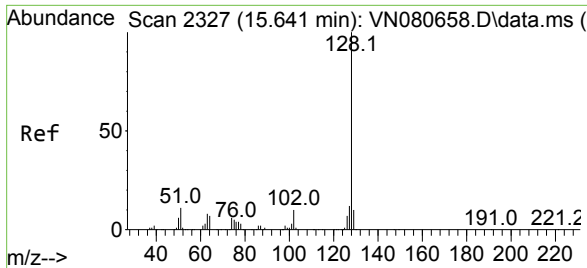
Tgt Ion: 75 Resp: 68092
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.532 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

Tgt Ion: 75 Resp: 68092
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#





#95

Naphthalene

Concen: 0.204 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN080761.D

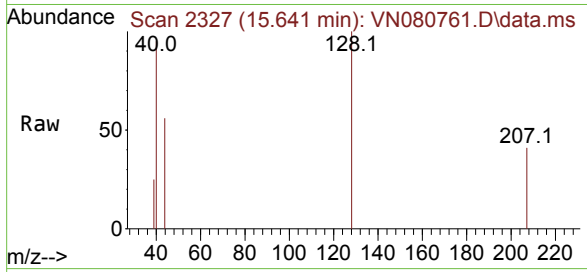
Acq: 23 Jan 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 1593

Ion Ratio Lower Upper

128 100

127 8.0 10.0 15.0#

129 4.3 8.7 13.1#

