

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081408.D
 Acq On : 14 Mar 2024 14:29
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 15 01:12:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

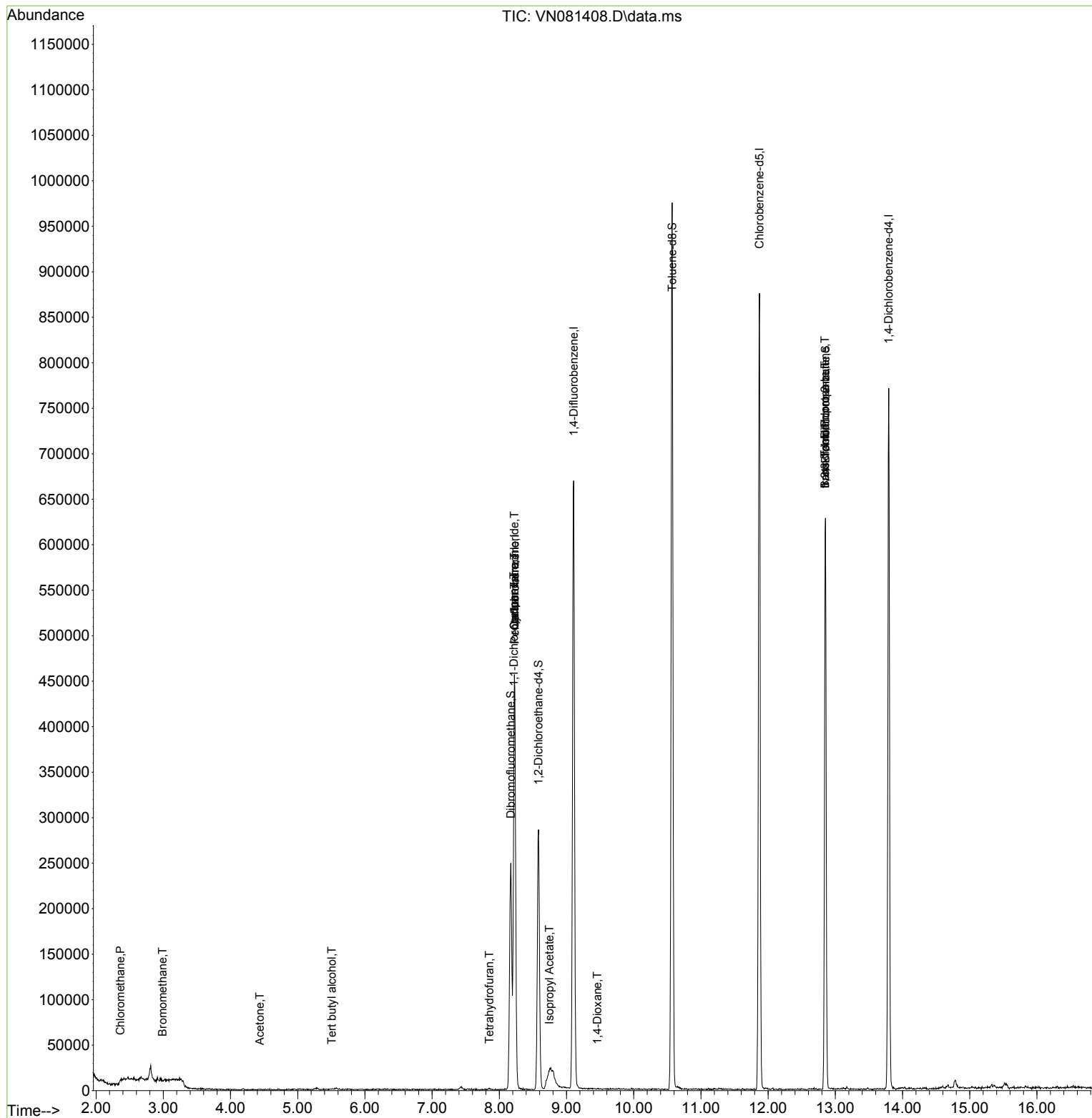
Internal Standards						
1) Pentafluorobenzene	8.230	168	309119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	489746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229900	51.437	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.880%	
35) Dibromofluoromethane	8.171	113	174350	50.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.920%	
50) Toluene-d8	10.571	98	662856	51.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	12.853	95	215475	47.670	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	913	0.206	ug/l #	53
5) Bromomethane	2.989	94	1261	0.409	ug/l #	33
11) Tert butyl alcohol	5.506	59	259	0.331	ug/l #	72
16) Acetone	4.436	43	516	0.326	ug/l #	44
20) Methylene Chloride	5.289	84	409	Below Cal	#	26
29) Tetrahydrofuran	7.853	42	782	0.432	ug/l #	78
31) Cyclohexane	8.224	56	8487	1.254	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	30330	5.495	ug/l #	51
38) Carbon Tetrachloride	8.224	117	36250	6.526	ug/l #	17
43) Isopropyl Acetate	8.747	43	24358	2.579	ug/l #	57
49) 1,4-Dioxane	9.459	88	120	1.304	ug/l #	1
71) Bromoform	12.847	173	1815	0.692	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	119346	26.159	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	119346	73.005	ug/l #	14

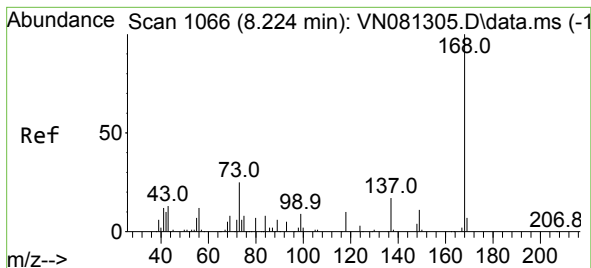
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081408.D

Acq: 14 Mar 2024 14:29

Instrument :

MSVOA_N

ClientSampleId :

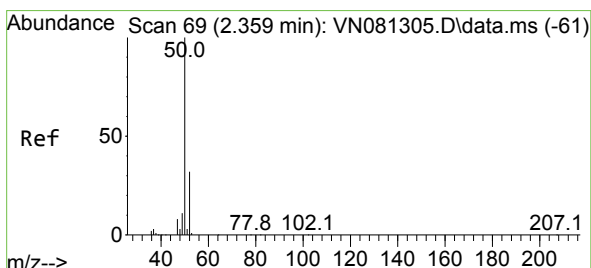
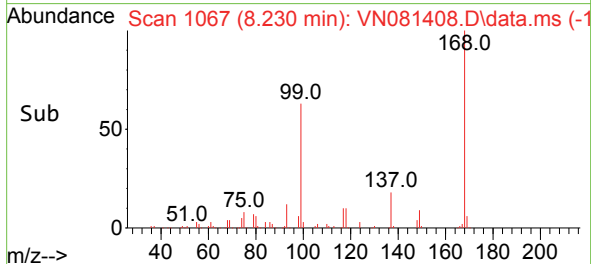
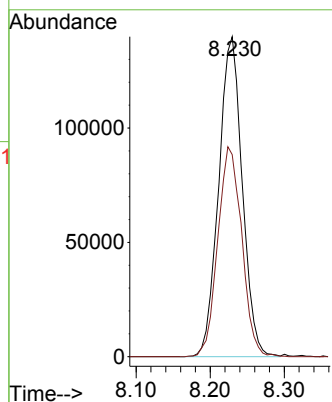
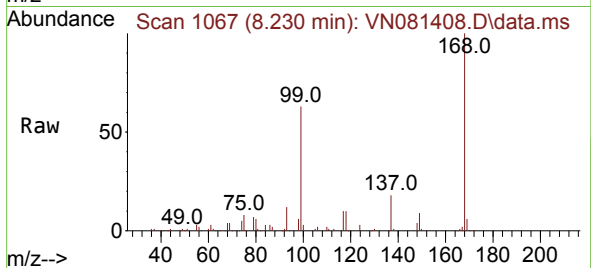
IBLK

Tgt Ion:168 Resp: 309119

Ion Ratio Lower Upper

168 100

99 63.1 59.9 89.9



#3

Chloromethane

Concen: 0.206 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081408.D

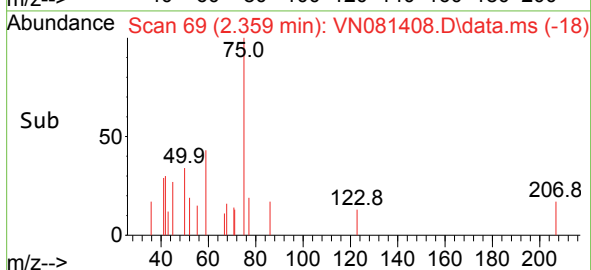
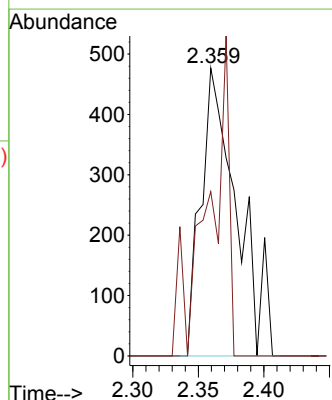
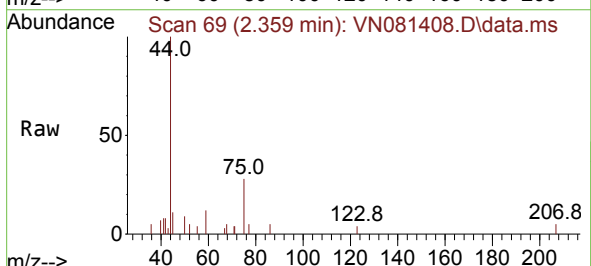
Acq: 14 Mar 2024 14:29

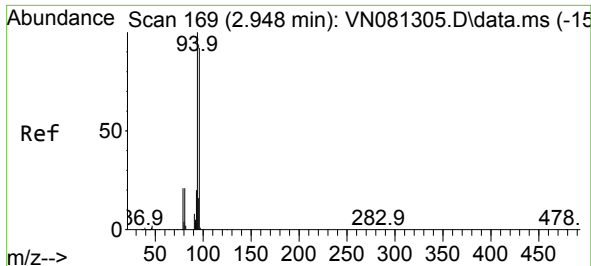
Tgt Ion: 50 Resp: 913

Ion Ratio Lower Upper

50 100

52 57.0 25.0 37.4#

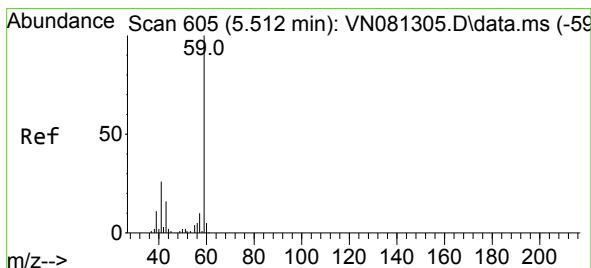
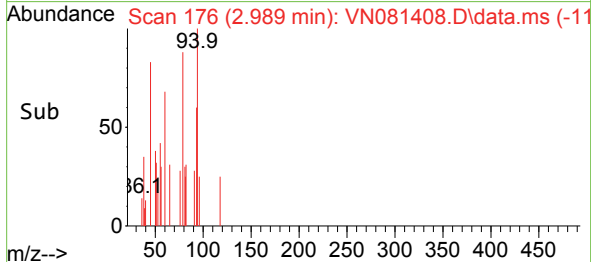
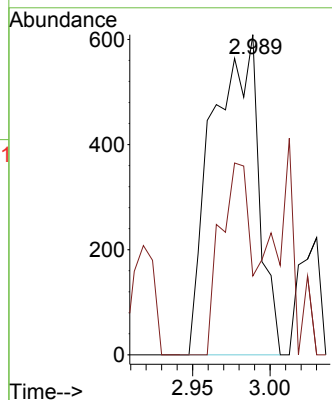
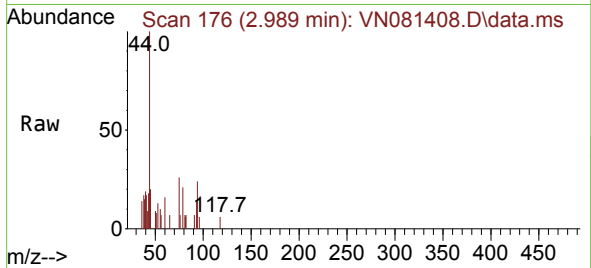




#5
Bromomethane
Concen: 0.409 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

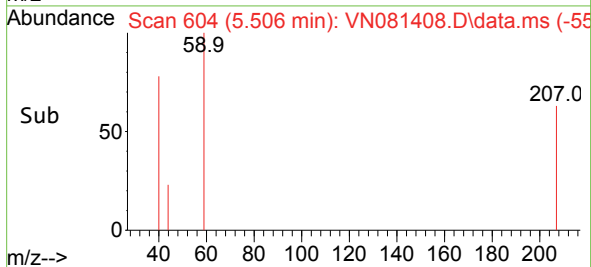
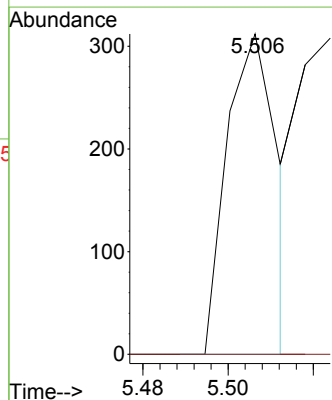
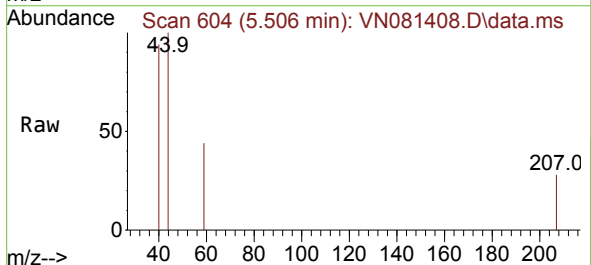
Instrument :
MSVOA_N
ClientSampleId :
IBLK

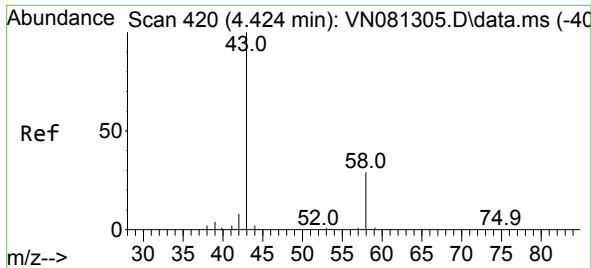
Tgt Ion: 94 Resp: 1261
Ion Ratio Lower Upper
94 100
96 24.6 69.2 103.8#



#11
Tert butyl alcohol
Concen: 0.331 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

Tgt Ion: 59 Resp: 259
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#16

Acetone

Concen: 0.326 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN081408.D

Acq: 14 Mar 2024 14:29

Instrument :

MSVOA_N

ClientSampleId :

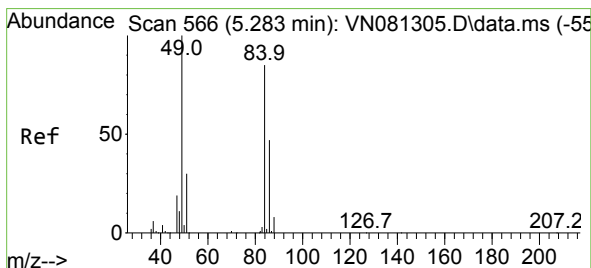
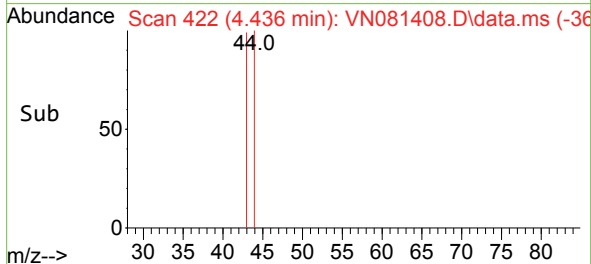
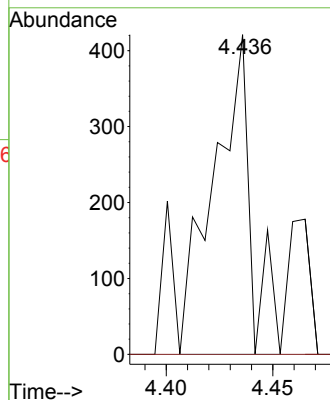
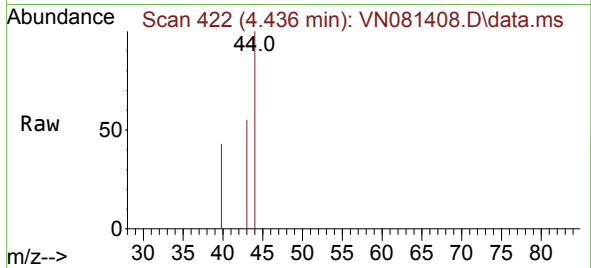
IBLK

Tgt Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN081408.D

Acq: 14 Mar 2024 14:29

Tgt Ion: 84 Resp: 409

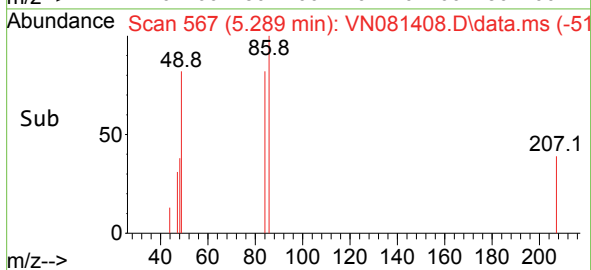
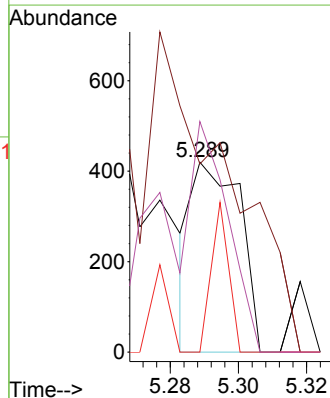
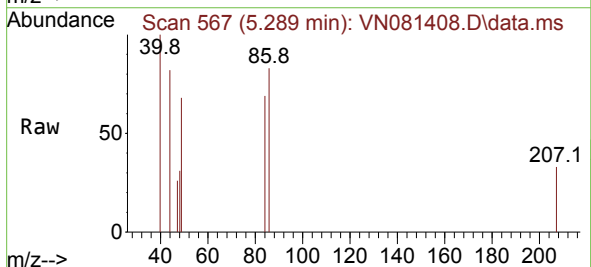
Ion Ratio Lower Upper

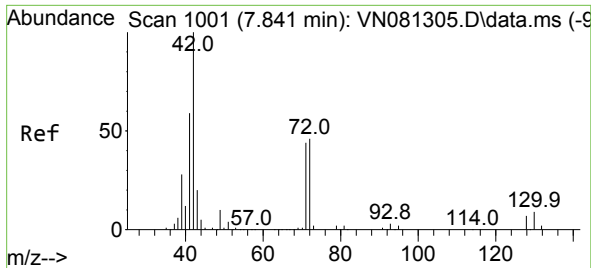
84 100

49 46.7 108.1 162.1#

51 0.0 32.9 49.3#

86 121.4 48.6 73.0#

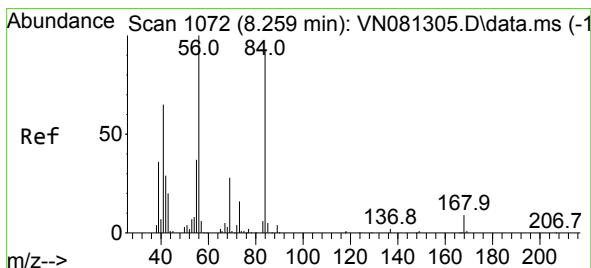
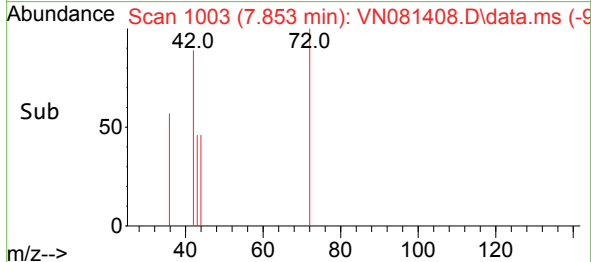
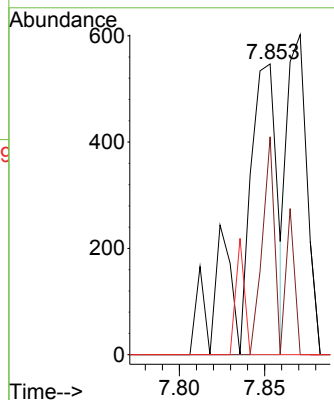
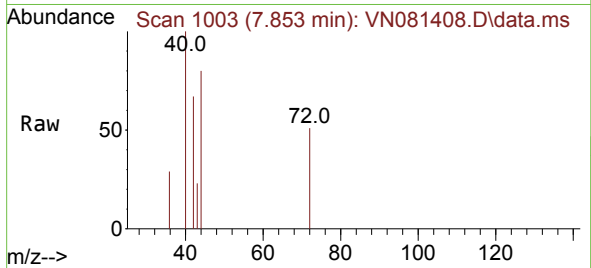




#29
Tetrahydrofuran
Concen: 0.432 ug/l
RT: 7.853 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

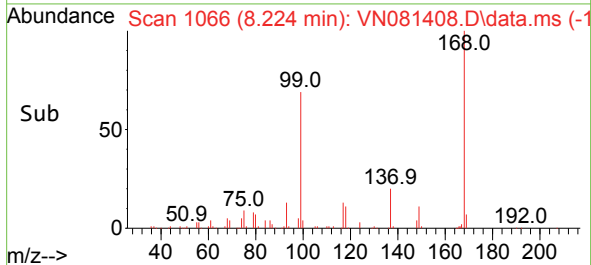
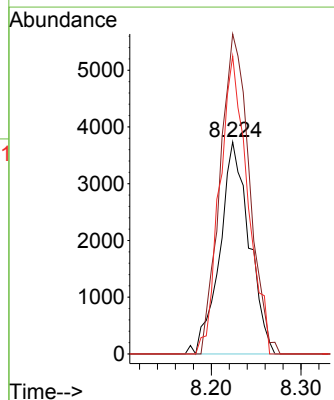
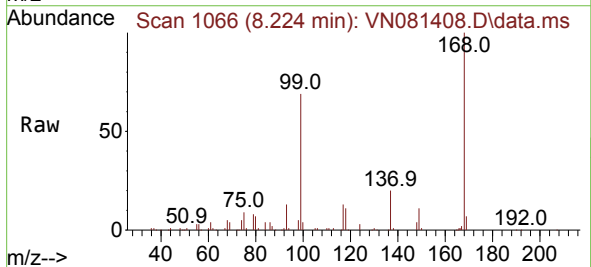
Instrument :
MSVOA_N
ClientSampleId :
IBLK

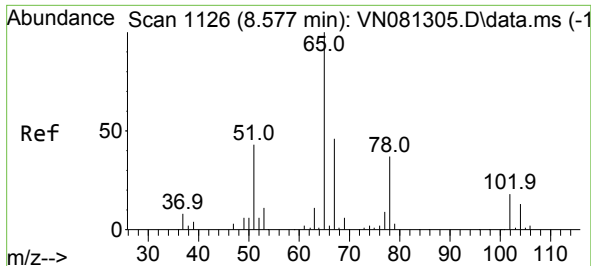
Tgt Ion: 42 Resp: 782
Ion Ratio Lower Upper
42 100
72 38.0 31.1 46.7
71 9.8 28.3 42.5#



#31
Cyclohexane
Concen: 1.254 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

Tgt Ion: 56 Resp: 8487
Ion Ratio Lower Upper
56 100
69 150.9 20.1 30.1#
84 140.5 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 51.437 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081408.D

Acq: 14 Mar 2024 14:29

Instrument :

MSVOA_N

ClientSampleId :

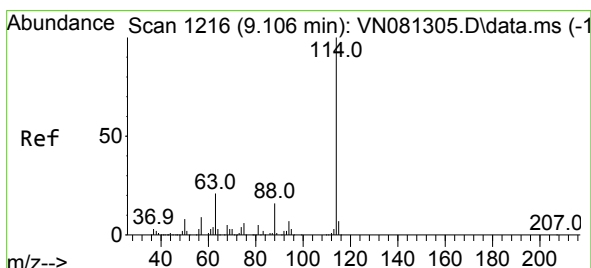
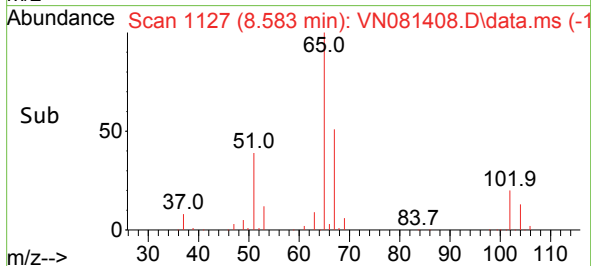
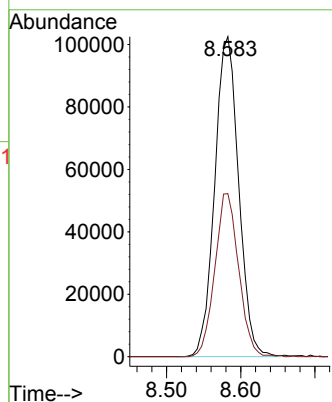
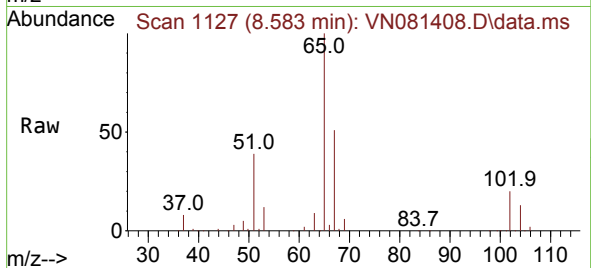
IBLK

Tgt Ion: 65 Resp: 229900

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081408.D

Acq: 14 Mar 2024 14:29

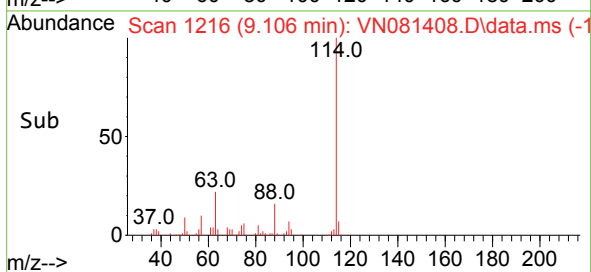
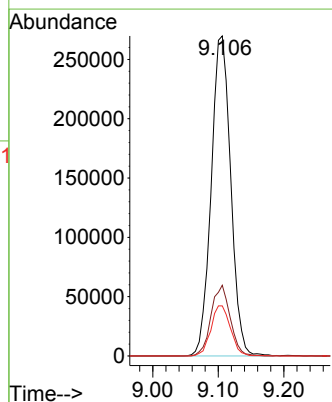
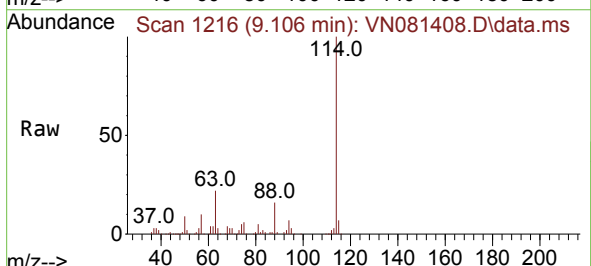
Tgt Ion: 114 Resp: 558407

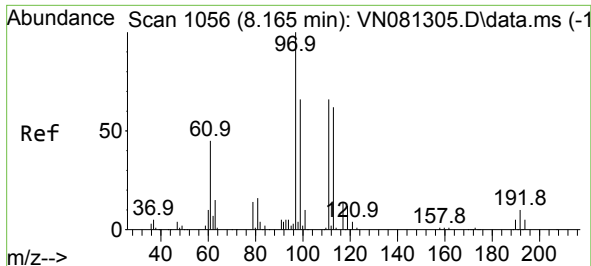
Ion Ratio Lower Upper

114 100

63 22.1 0.0 48.0

88 15.7 0.0 34.8

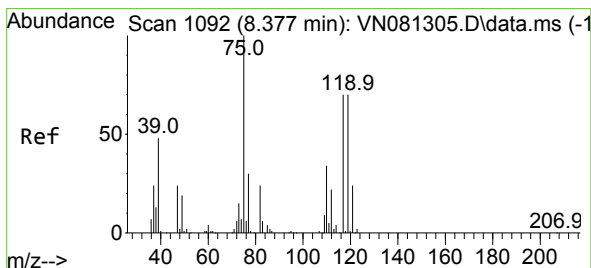
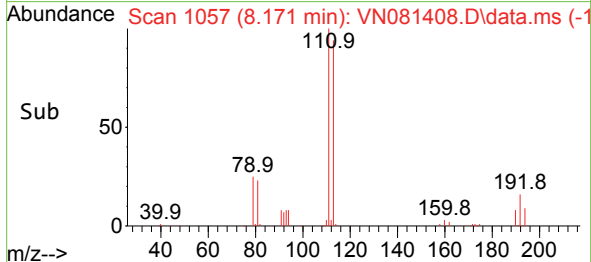
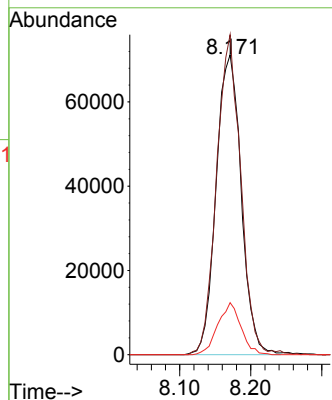
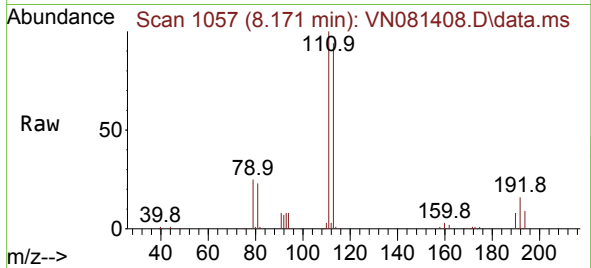




#35
Dibromofluoromethane
Concen: 50.962 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

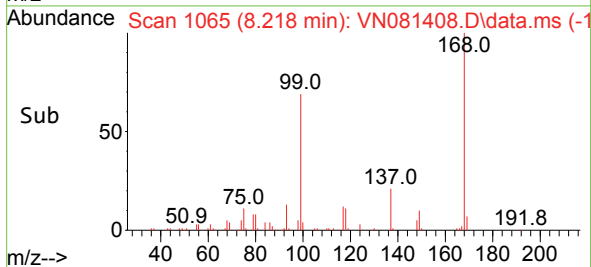
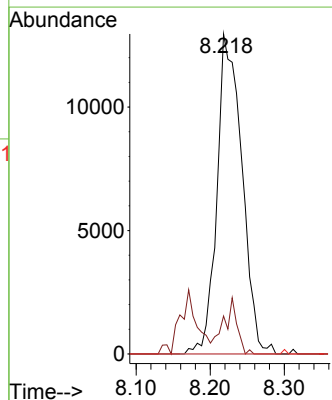
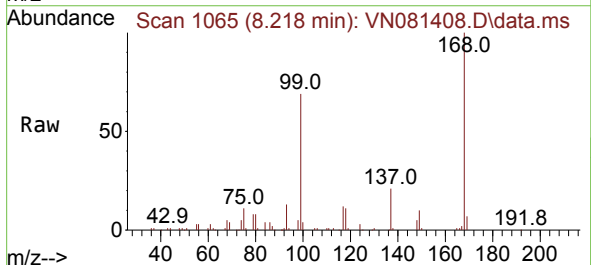
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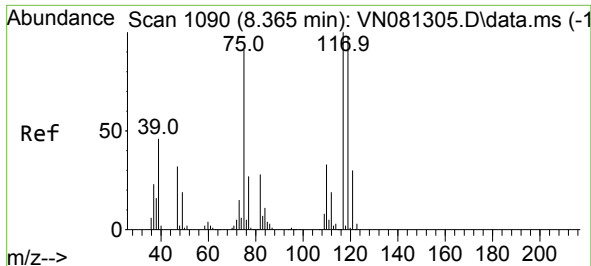
Tgt Ion:113 Resp: 174350
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 16.0 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.495 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.159 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

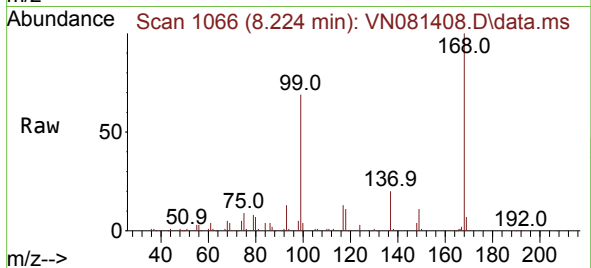
Tgt Ion: 75 Resp: 30330
Ion Ratio Lower Upper
75 100
110 9.7 16.0 48.0#
77 0.0 25.8 38.6#



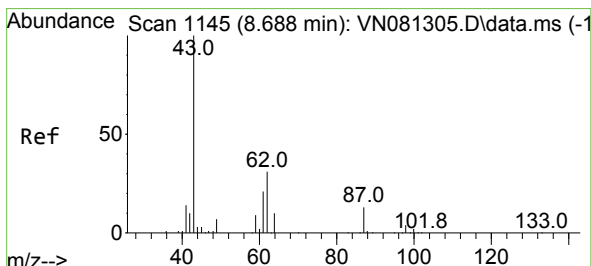
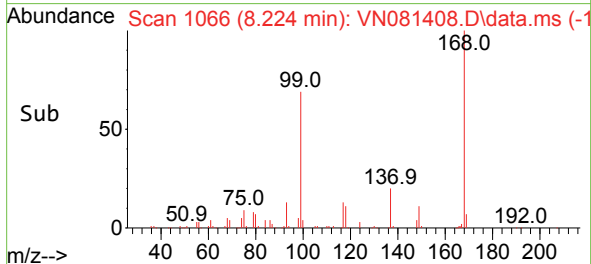
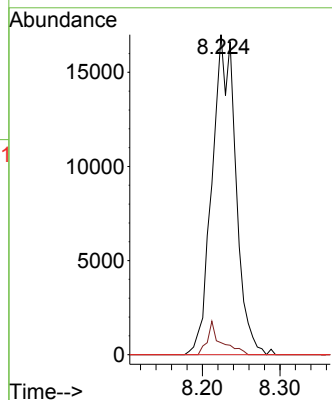


#38
Carbon Tetrachloride
Concen: 6.526 ug/l
RT: 8.224 min Scan# 1155
Delta R.T. -0.141 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

Instrument :
MSVOA_N
ClientSampleId :
IBLK

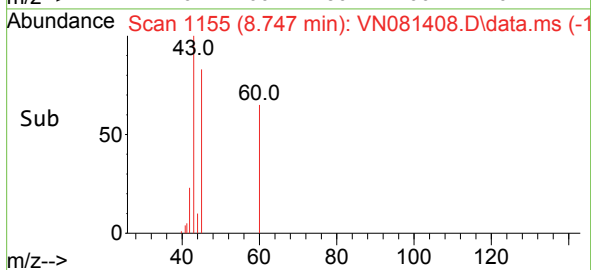
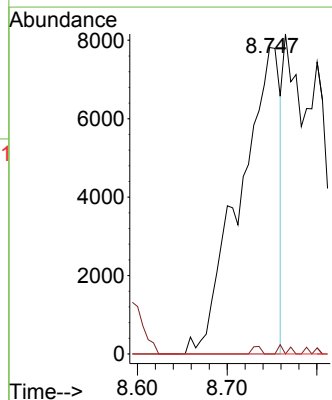
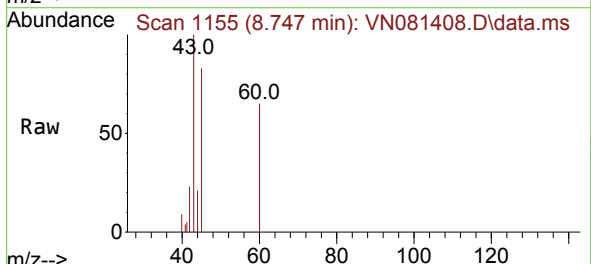


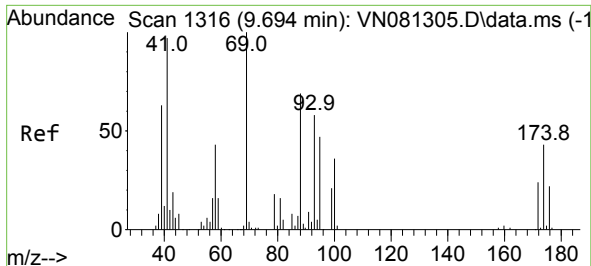
Tgt Ion:117 Resp: 36250
Ion Ratio Lower Upper
117 100
119 3.8 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 2.579 ug/l
RT: 8.747 min Scan# 1155
Delta R.T. 0.059 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

Tgt Ion: 43 Resp: 24358
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#





#49

1,4-Dioxane

Concen: 1.304 ug/l

RT: 9.459 min Scan# 1276

Delta R.T. -0.235 min

Lab File: VN081408.D

Acq: 14 Mar 2024 14:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

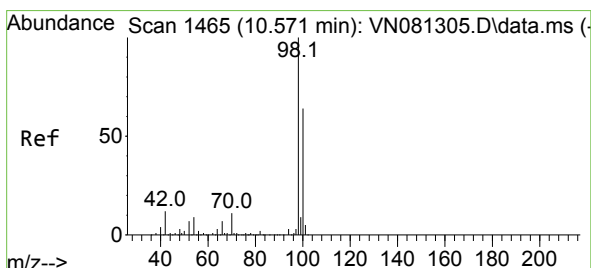
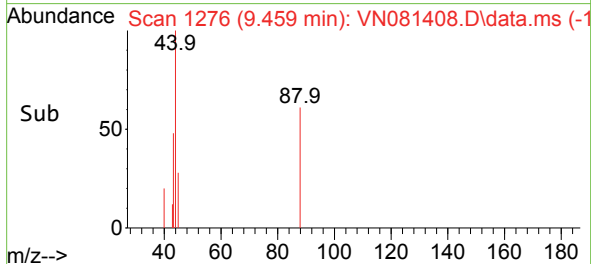
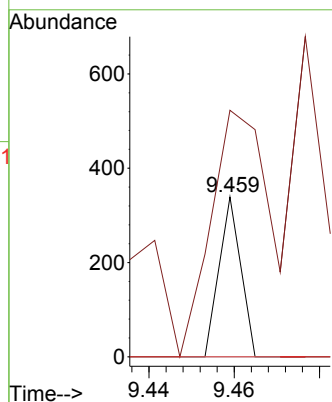
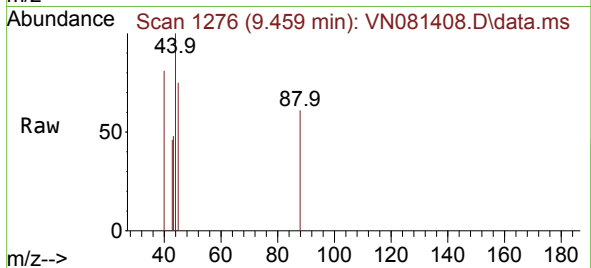
Tgt Ion: 88 Resp: 120

Ion Ratio Lower Upper

88 100

43 412.5 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 51.830 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081408.D

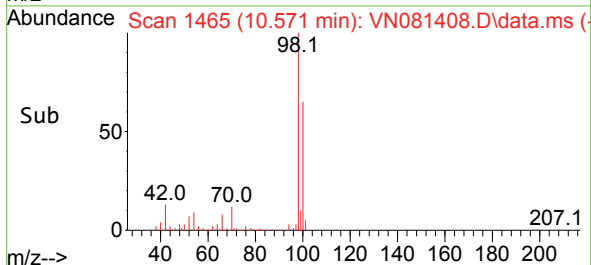
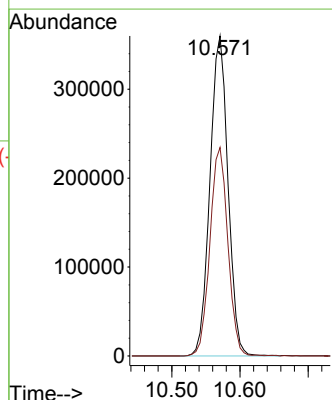
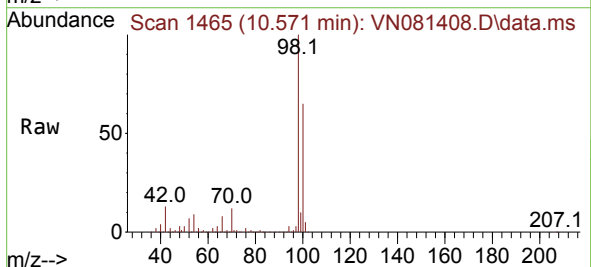
Acq: 14 Mar 2024 14:29

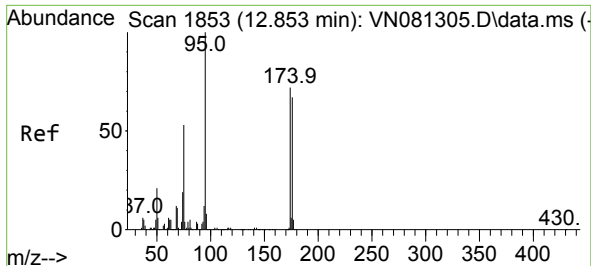
Tgt Ion: 98 Resp: 662856

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

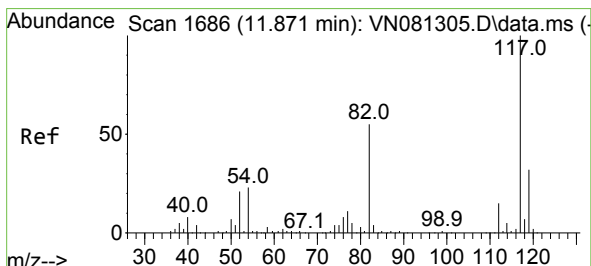
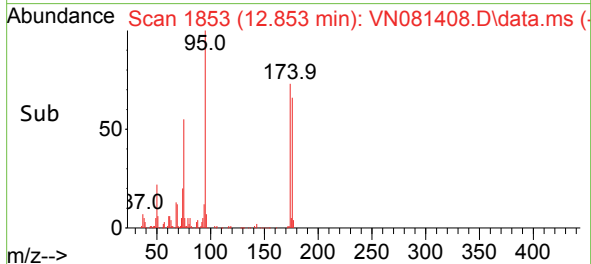
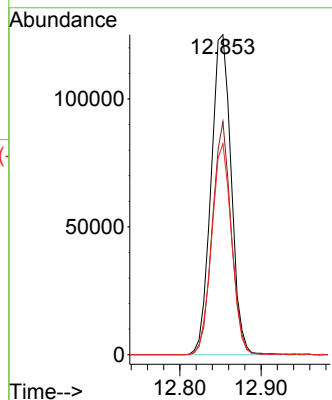
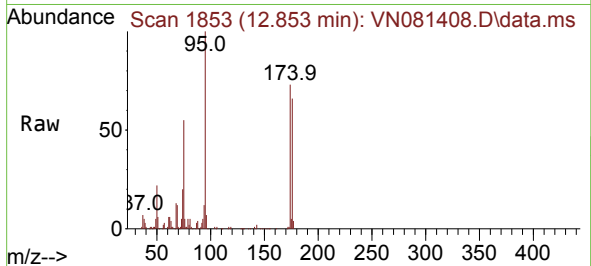




#62
4-Bromofluorobenzene
Concen: 47.670 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

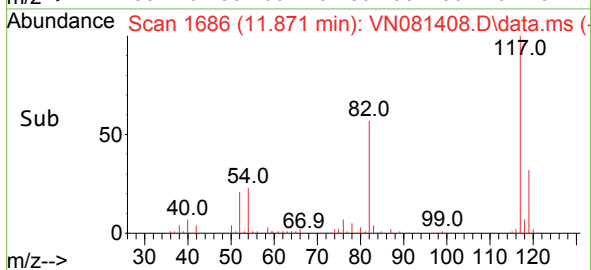
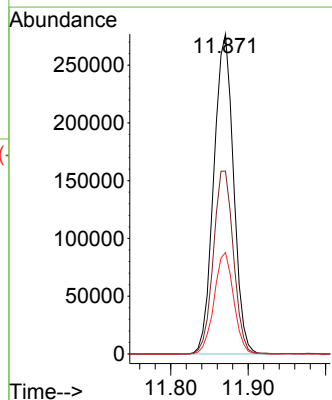
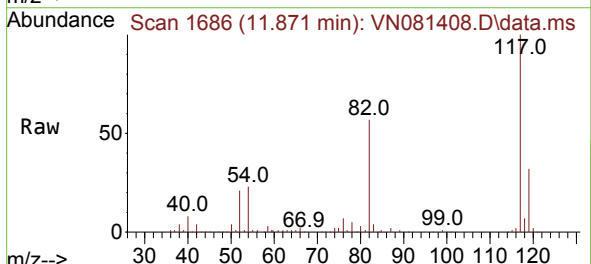
Instrument :
MSVOA_N
ClientSampleId :
IBLK

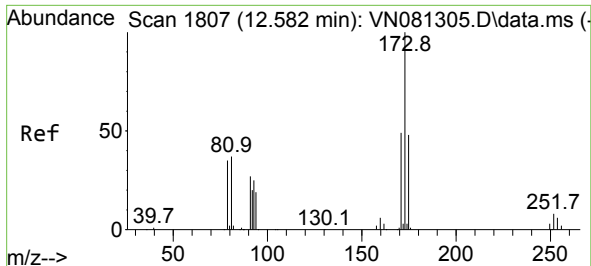
Tgt Ion: 95 Resp: 215475
Ion Ratio Lower Upper
95 100
174 68.3 0.0 120.4
176 65.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

Tgt Ion: 117 Resp: 489746
Ion Ratio Lower Upper
117 100
82 57.2 52.7 79.1
119 31.7 25.3 37.9

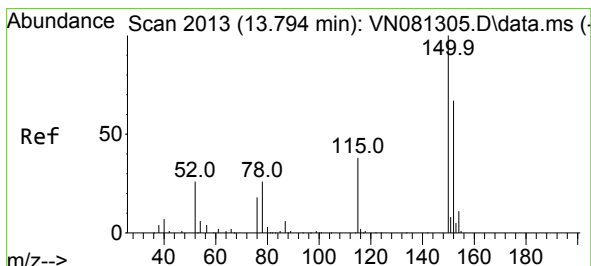
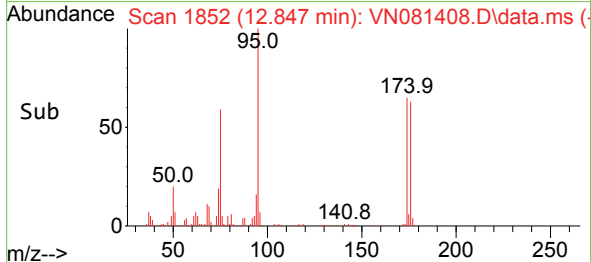
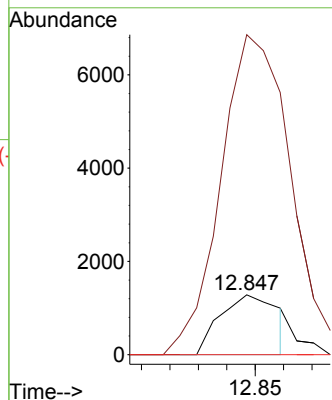
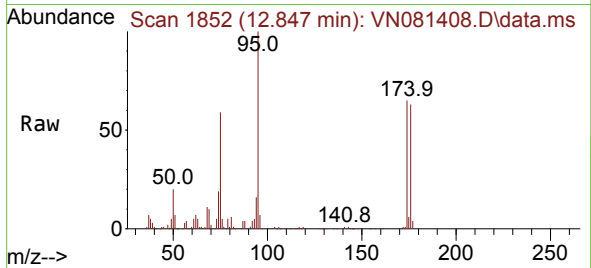




#71
Bromoform
Concen: 0.692 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.265 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

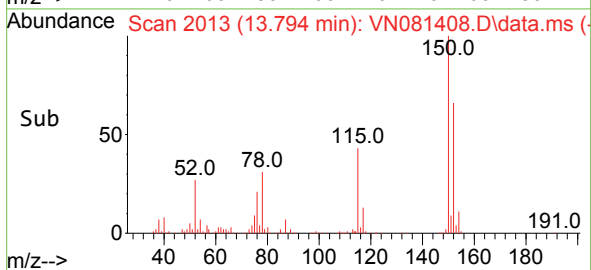
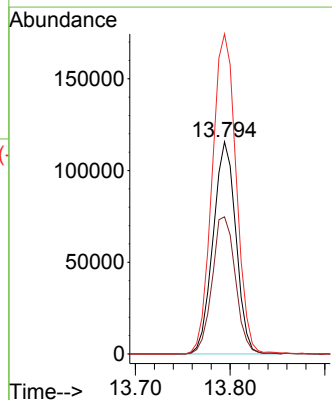
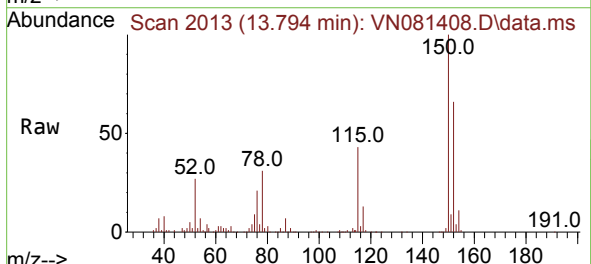
Instrument :
MSVOA_N
ClientSampleId :
IBLK

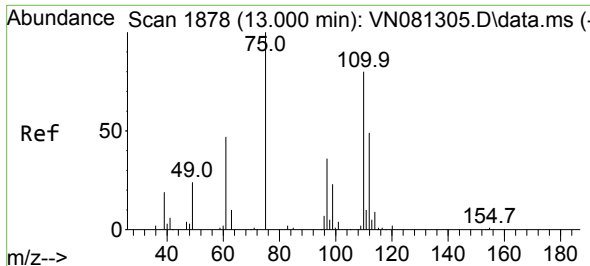
Tgt Ion:173 Resp: 1815
Ion Ratio Lower Upper
173 100
175 549.3 23.1 69.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

Tgt Ion:152 Resp: 193158
Ion Ratio Lower Upper
152 100
115 65.9 32.3 96.8
150 159.4 0.0 339.8

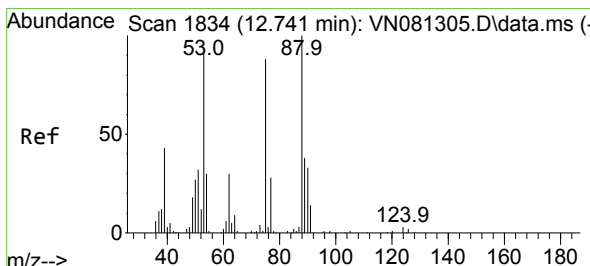
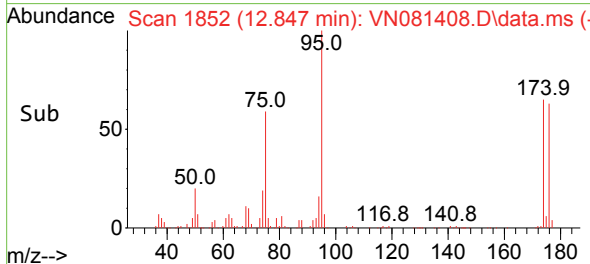
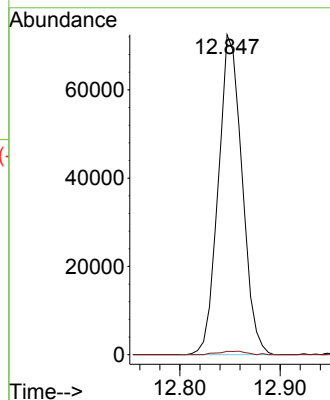
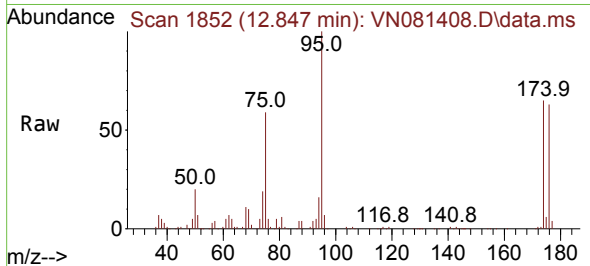




#76
1,2,3-Trichloropropane
Concen: 26.159 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.153 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 119346
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.005 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081408.D
Acq: 14 Mar 2024 14:29

Tgt Ion: 75 Resp: 119346
Ion Ratio Lower Upper
75 100
53 0.2 71.4 107.2#
89 0.2 33.4 50.0#

