

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081006.D
 Acq On : 12 Feb 2024 16:00
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 13 03:21:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.288	168	207813	50.000	ug/l	0.06
34) 1,4-Difluorobenzene	9.147	114	464757	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.882	117	565344	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.800	152	289310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.636	65	193688	73.882	ug/l	0.06
Spiked Amount 50.000	Range 74 - 125		Recovery = 147.760%#			
35) Dibromofluoromethane	8.236	113	178346	71.513	ug/l	0.07
Spiked Amount 50.000	Range 75 - 124		Recovery = 143.020%#			
50) Toluene-d8	10.588	98	604192	66.979	ug/l	0.02
Spiked Amount 50.000	Range 86 - 113		Recovery = 133.960%#			
62) 4-Bromofluorobenzene	12.859	95	280475	85.590	ug/l	0.01
Spiked Amount 50.000	Range 83 - 123		Recovery = 171.180%#			
Target Compounds						
					Qvalue	
3) Chloromethane	2.495	50	291694	121.564	ug/l	93
5) Bromomethane	2.954	94	583	0.295	ug/l #	35
6) Chloroethane	3.277	64	4312	1.989	ug/l #	44
10) Methyl Iodide	4.777	142	10835	4.947	ug/l #	86
11) Tert butyl alcohol	5.724	59	10569	29.260	ug/l #	82
13) Acrolein	4.201	56	789	1.733	ug/l #	15
14) Allyl chloride	5.083	41	2248347	761.628	ug/l #	22
15) Acrylonitrile	5.742	53	362	0.367	ug/l #	77
18) Methyl Acetate	5.071	43	9109586	3796.833	ug/l #	54
22) Diisopropyl ether	6.789	45	2607	0.381	ug/l #	77
23) Vinyl Acetate	6.624	43	1236	0.274	ug/l #	75
25) 2-Butanone	7.512	43	2257	1.630	ug/l #	51
29) Tetrahydrofuran	7.900	42	899	1.062	ug/l #	56
31) Cyclohexane	8.283	56	6001	1.675	ug/l #	1
36) 1,1-Dichloropropene	8.288	75	18018	4.857	ug/l #	46
37) Ethyl Acetate	7.571	43	2398	0.854	ug/l #	92
38) Carbon Tetrachloride	8.283	117	22665	5.959	ug/l #	17
40) Benzene	8.671	78	3179	0.281	ug/l #	88
41) Methacrylonitrile	7.847	41	967	0.578	ug/l	95
42) 1,2-Dichloroethane	8.741	62	11387	2.896	ug/l	89
43) Isopropyl Acetate	8.724	43	1578	0.306	ug/l #	80
45) 1,2-Dichloropropane	9.635	63	658	0.216	ug/l #	39
48) Methyl methacrylate	9.724	41	3119	1.072	ug/l #	69
49) 1,4-Dioxane	9.877	88	853455	15892.381	ug/l #	72
51) 4-Methyl-2-Pentanone	10.512	43	709	0.228	ug/l #	1
52) Toluene	10.706	92	7337	0.970	ug/l	96
56) Ethyl methacrylate	10.894	69	10668	3.050	ug/l #	1
57) 1,3-Dichloropropane	11.224	76	5195	1.095	ug/l #	43
59) 2-Hexanone	11.224	43	6290	2.668	ug/l	81
67) Ethyl Benzene	12.000	91	8723	0.427	ug/l #	75
68) m/p-Xylenes	12.094	106	11788	1.520	ug/l	89
70) Styrene	12.453	104	5959	0.528	ug/l #	24
74) N-ethyl acetate	12.471	43	3699	0.456	ug/l #	58
76) 1,2,3-Trichloropropane	12.859	75	148641	25.198	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.188	105	5507	0.301	ug/l	81
81) trans-1,4-Dichloro-2-b...	12.688	75	29965	13.801	ug/l #	33

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Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

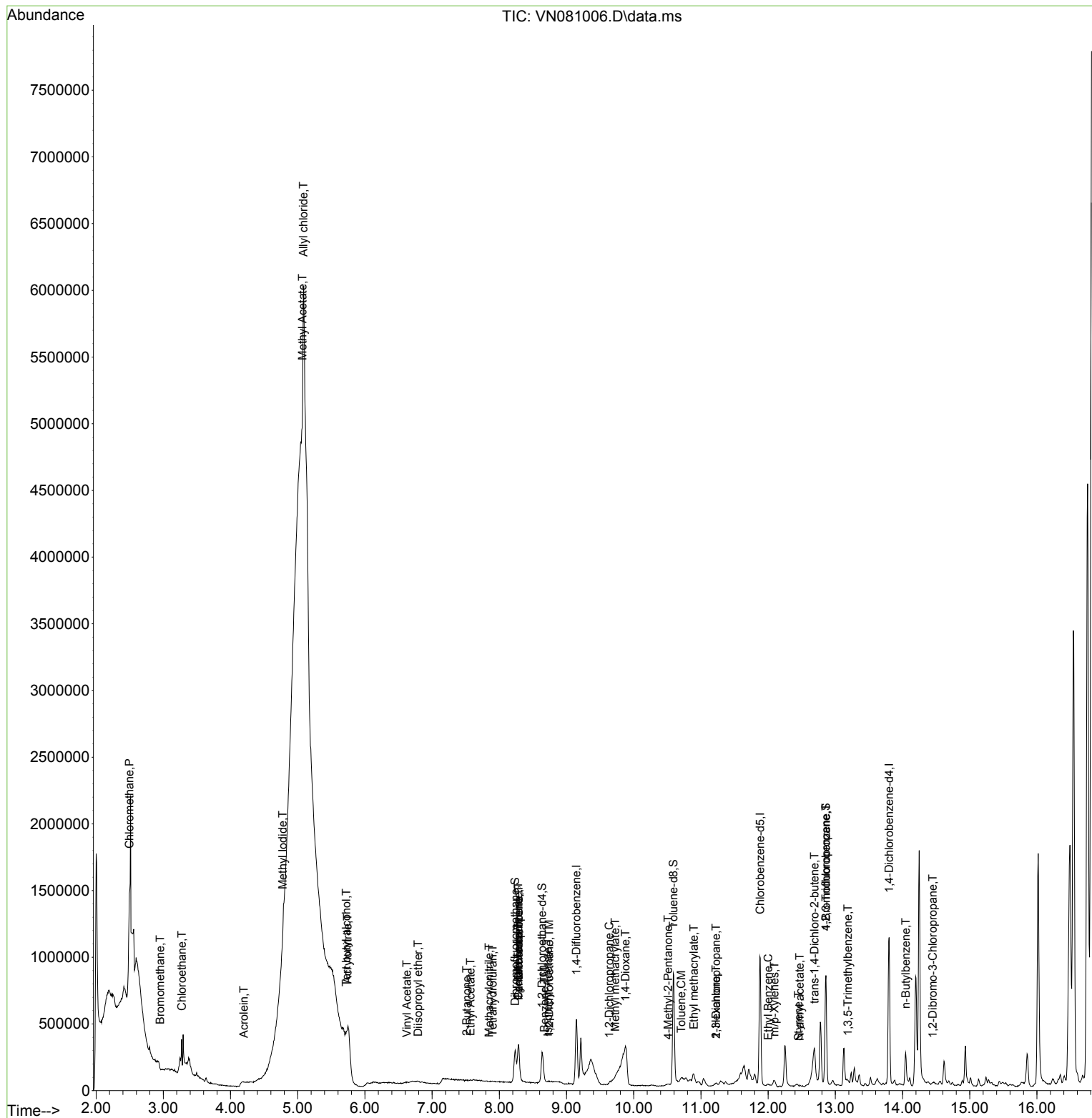
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.047	91	81081	5.185	ug/l #	42
92) 1,2-Dibromo-3-Chloropr...	14.447	75	370	0.283	ug/l	71

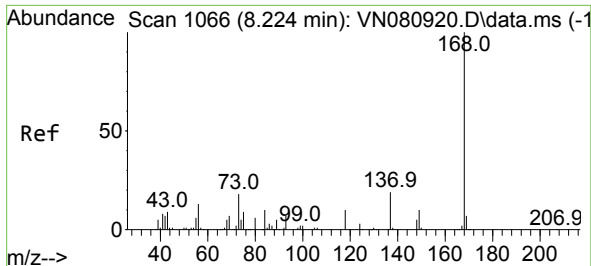
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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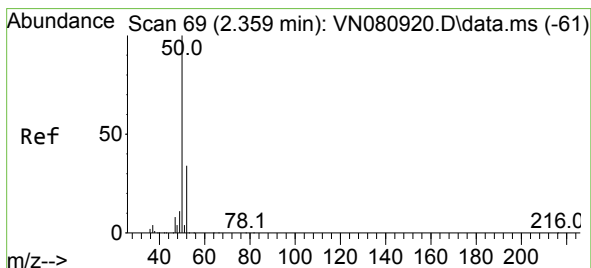
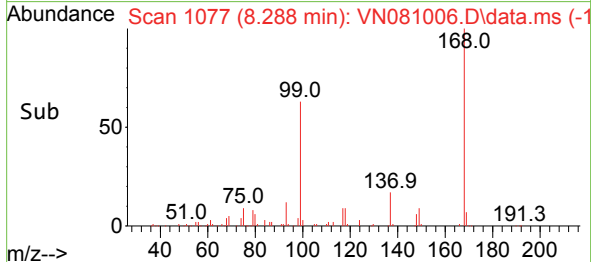
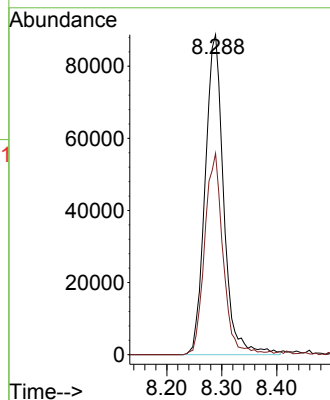
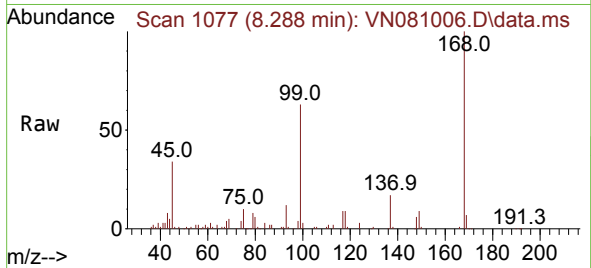




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.288 min Scan# 10
Delta R.T. 0.064 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

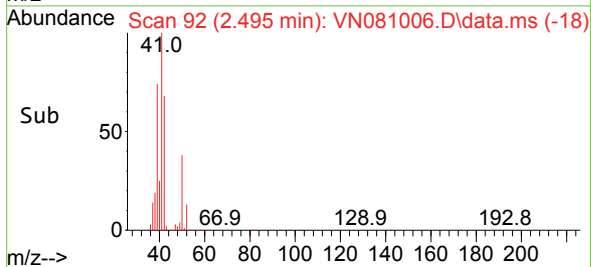
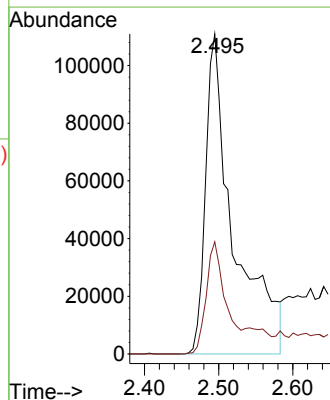
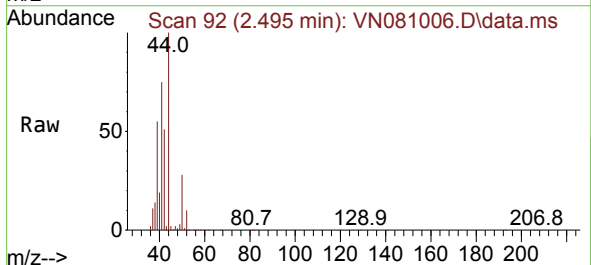
Instrument :
MSVOA_N
ClientSampleId :
IBLK

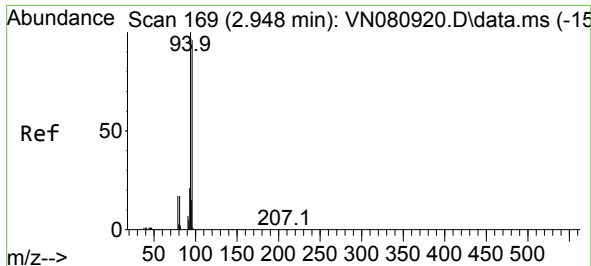
Tgt Ion:168 Resp: 207813
Ion Ratio Lower Upper
168 100
99 62.9 59.9 89.9



#3
Chloromethane
Concen: 121.564 ug/l
RT: 2.495 min Scan# 92
Delta R.T. 0.136 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 50 Resp: 291694
Ion Ratio Lower Upper
50 100
52 35.1 25.0 37.4





#5

Bromomethane

Concen: 0.295 ug/l

RT: 2.954 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

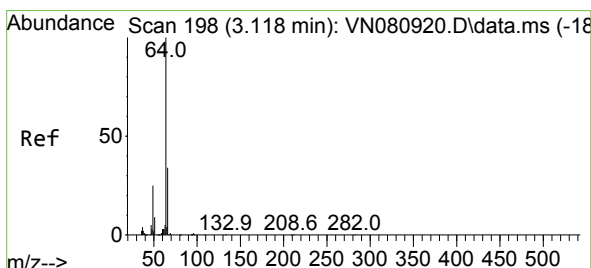
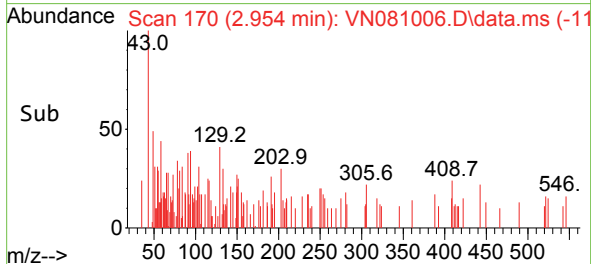
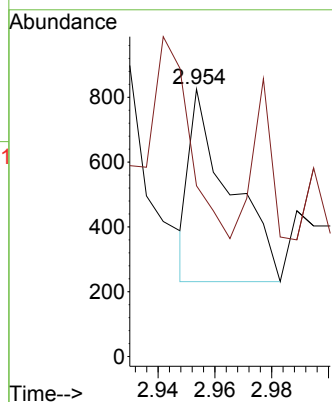
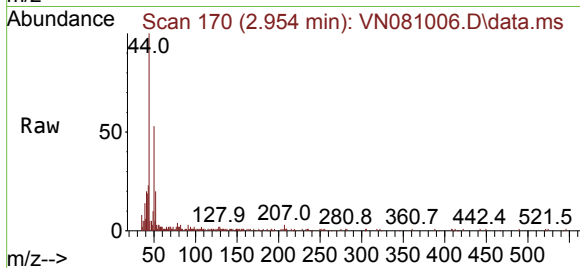
IBLK

Tgt Ion: 94 Resp: 583

Ion Ratio Lower Upper

94 100

96 26.6 69.2 103.8#



#6

Chloroethane

Concen: 1.989 ug/l

RT: 3.277 min Scan# 225

Delta R.T. 0.159 min

Lab File: VN081006.D

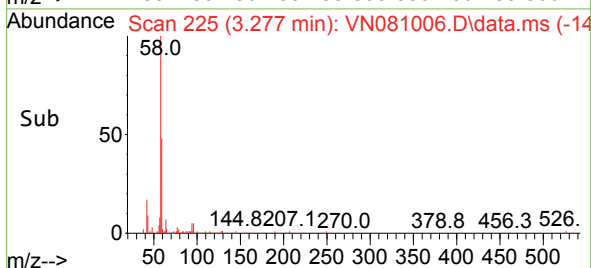
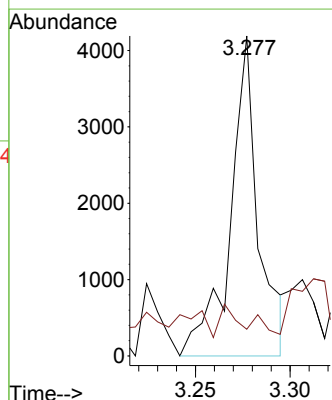
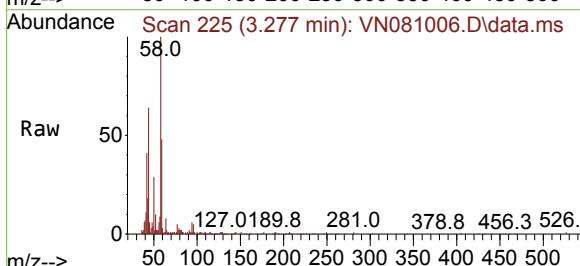
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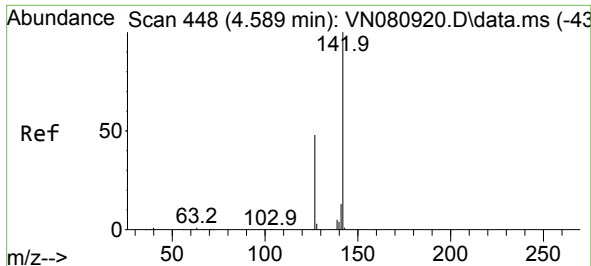
Tgt Ion: 64 Resp: 4312

Ion Ratio Lower Upper

64 100

66 1.6 26.4 39.6#

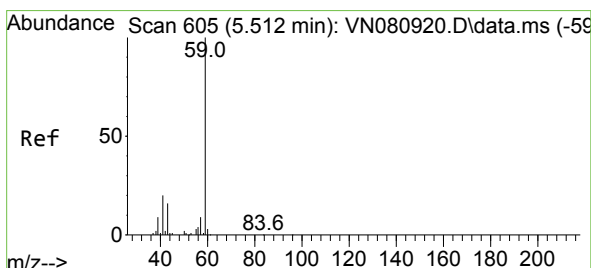
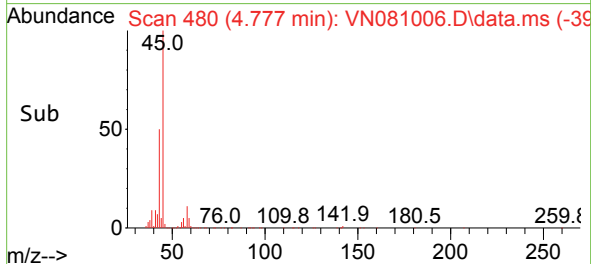
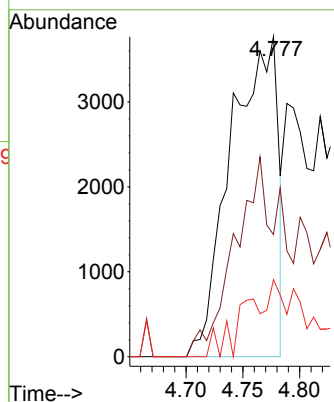
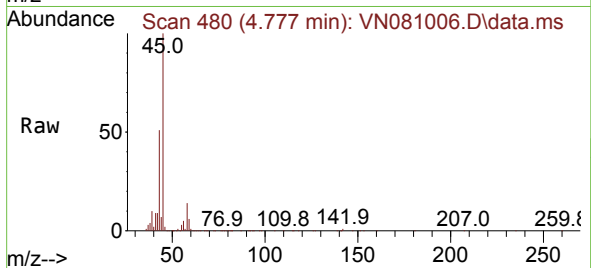




#10
Methyl Iodide
Concen: 4.947 ug/l
RT: 4.777 min Scan# 41
Delta R.T. 0.188 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

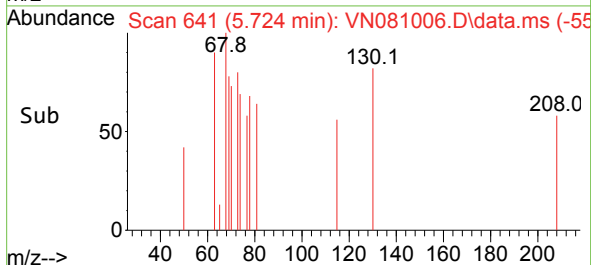
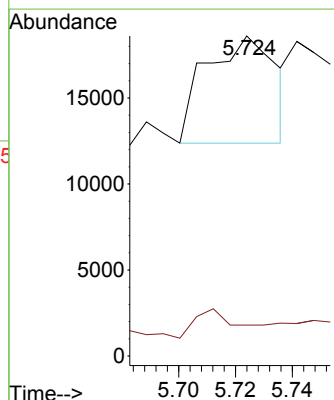
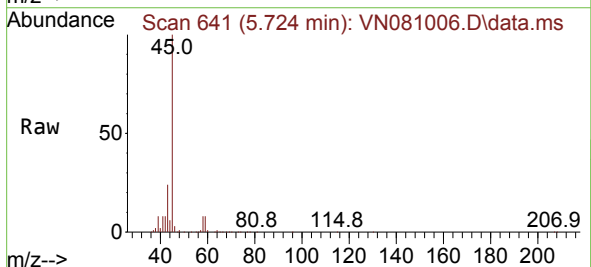
Instrument :
MSVOA_N
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IBLK

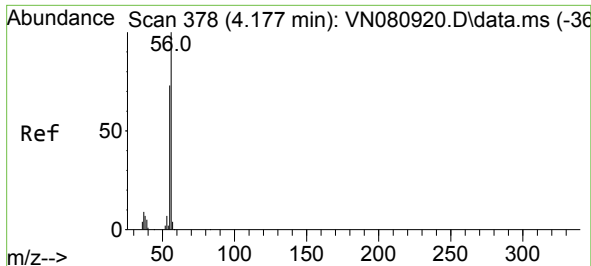
Tgt Ion:142 Resp: 10835
Ion Ratio Lower Upper
142 100
127 38.2 37.0 55.4
141 24.0 12.5 18.7#



#11
Tert butyl alcohol
Concen: 29.260 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.212 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 59 Resp: 10569
Ion Ratio Lower Upper
59 100
57 17.5 8.6 12.8#





#13

Acrolein

Concen: 1.733 ug/l

RT: 4.201 min Scan# 382

Delta R.T. 0.023 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

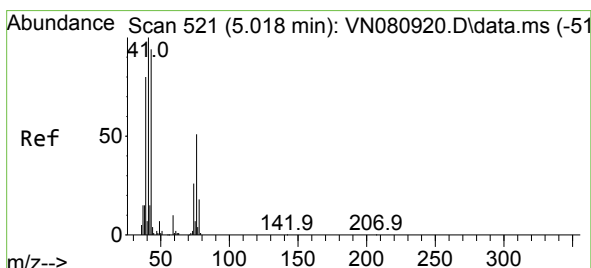
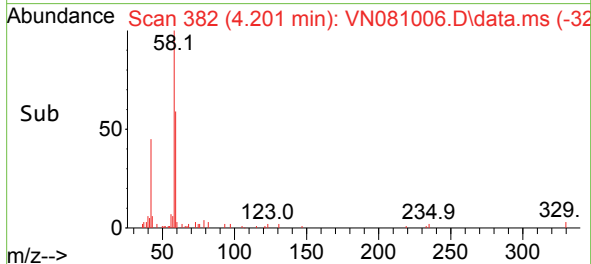
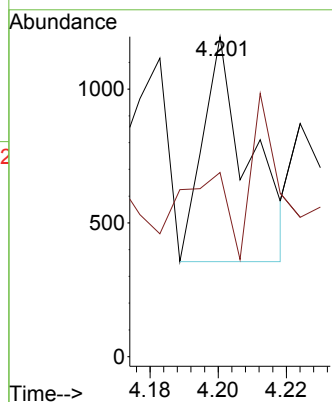
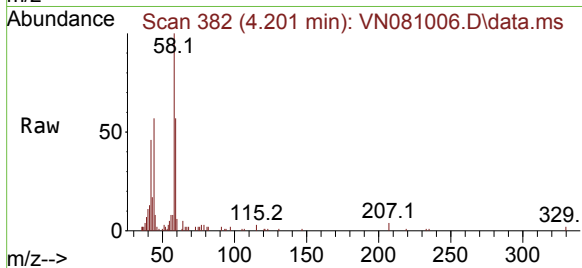
IBLK

Tgt Ion: 56 Resp: 789

Ion Ratio Lower Upper

56 100

55 0.0 55.3 82.9#



#14

Allyl chloride

Concen: 761.628 ug/l

RT: 5.083 min Scan# 532

Delta R.T. 0.065 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

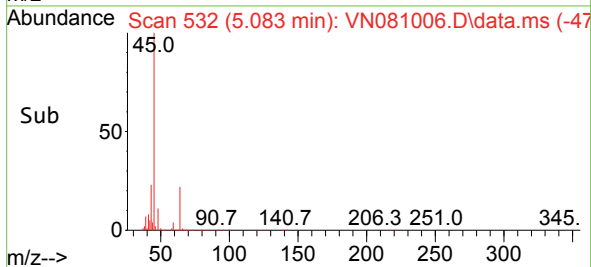
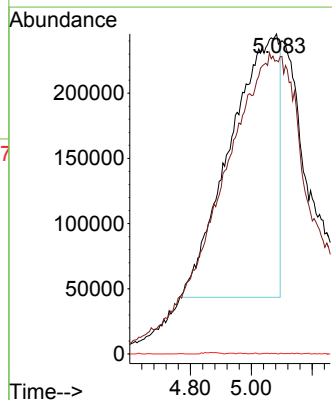
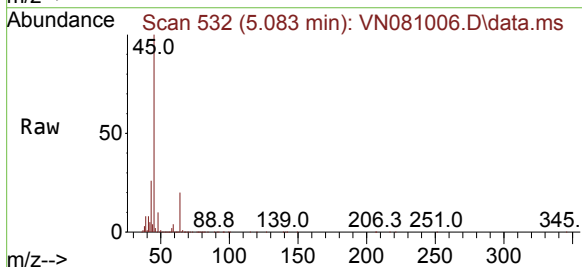
Tgt Ion: 41 Resp: 2248347

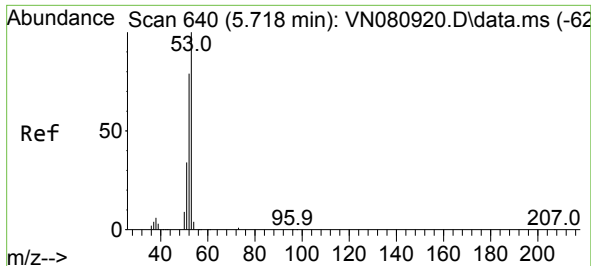
Ion Ratio Lower Upper

41 100

39 0.0 57.7 86.5#

76 0.0 26.8 40.2#





#15

Acrylonitrile

Concen: 0.367 ug/l

RT: 5.742 min Scan# 64

Delta R.T. 0.024 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

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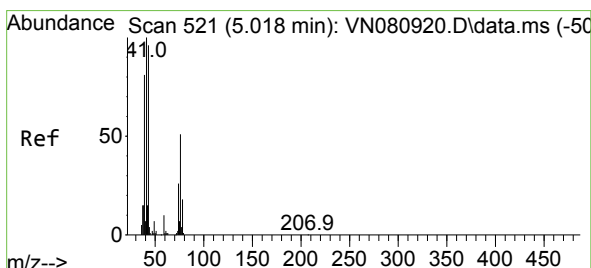
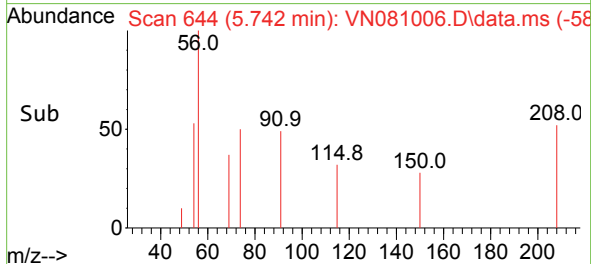
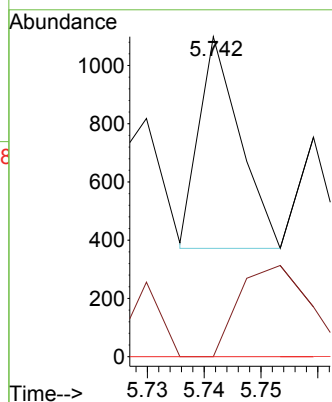
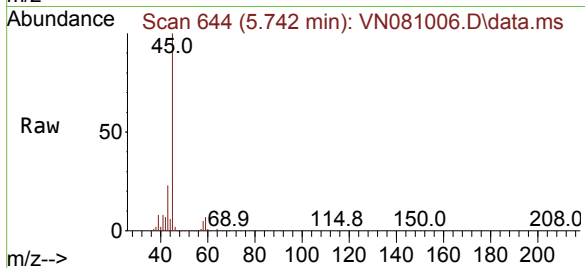
Tgt Ion: 53 Resp: 362

Ion Ratio Lower Upper

53 100

52 73.5 64.8 97.2

51 0.0 26.9 40.3#



#18

Methyl Acetate

Concen: 3796.833 ug/l

RT: 5.071 min Scan# 530

Delta R.T. 0.053 min

Lab File: VN081006.D

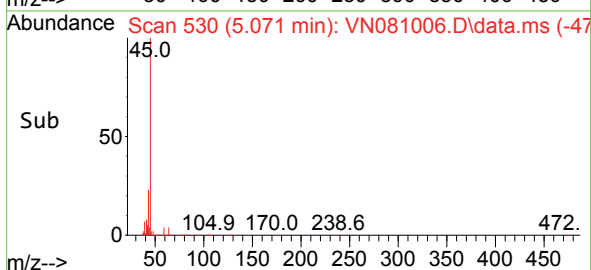
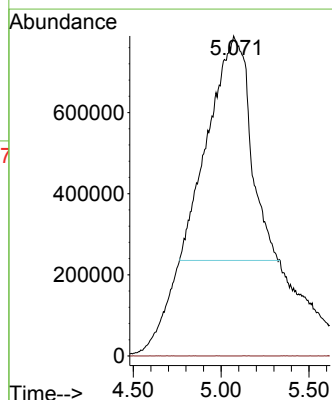
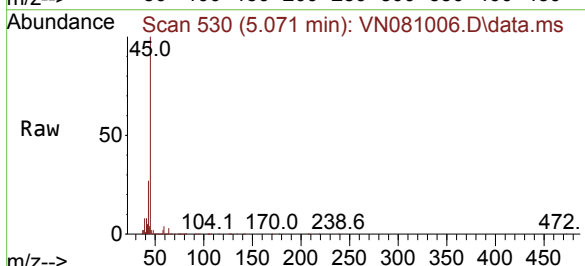
Acq: 12 Feb 2024 16:00

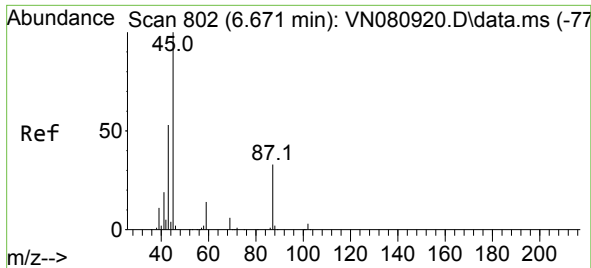
Tgt Ion: 43 Resp: 9109586

Ion Ratio Lower Upper

43 100

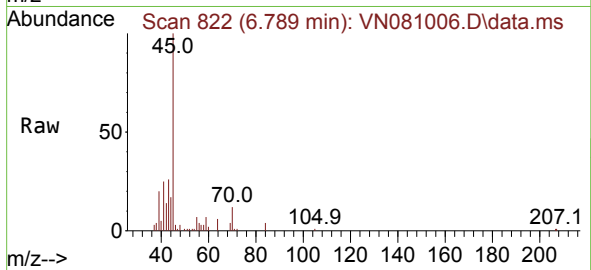
74 0.0 17.3 25.9#



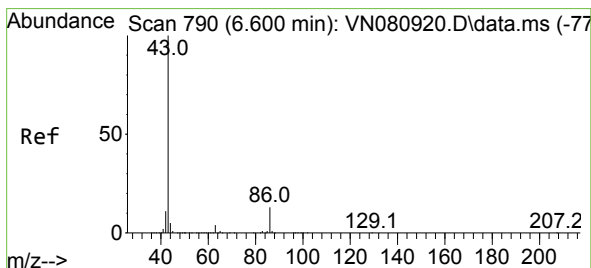
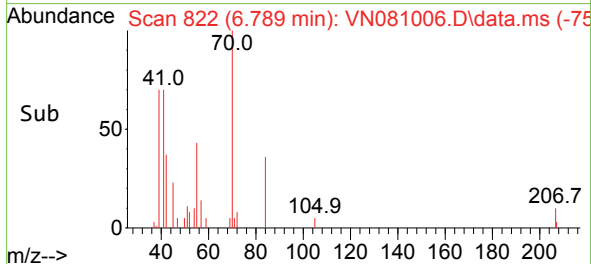
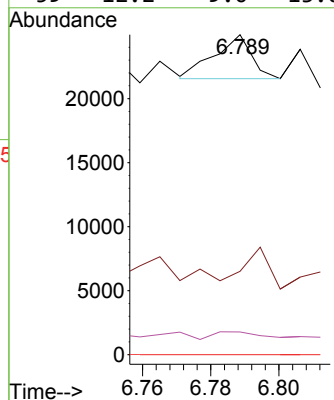


#22
Diisopropyl ether
Concen: 0.381 ug/l
RT: 6.789 min Scan# 81
Delta R.T. 0.118 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

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IBLK

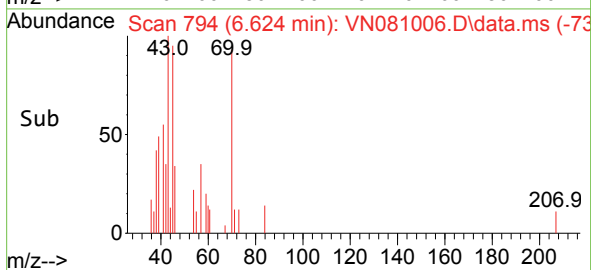
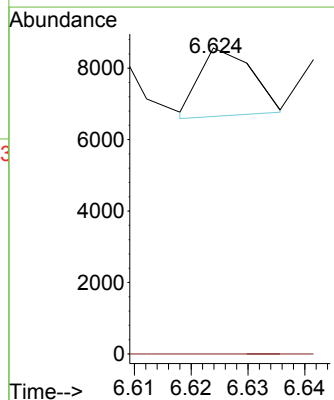
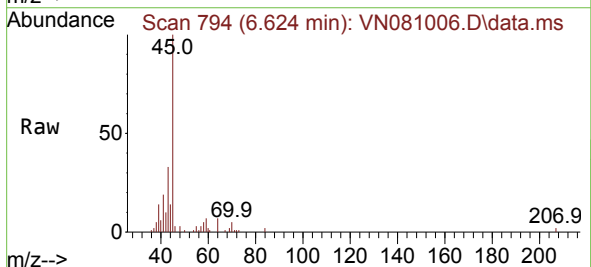


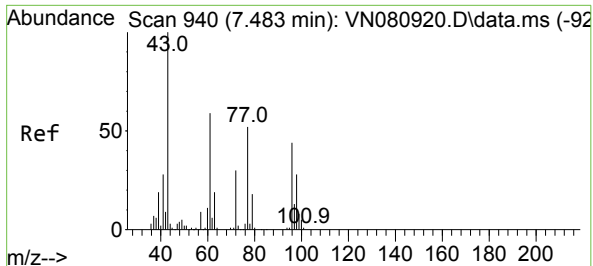
Tgt Ion:	45	Resp:	2607
Ion	Ratio	Lower	Upper
45	100		
43	40.2	41.8	62.8#
87	0.0	18.1	27.1#
59	12.2	9.0	13.6



#23
Vinyl Acetate
Concen: 0.274 ug/l
RT: 6.624 min Scan# 794
Delta R.T. 0.024 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion:	43	Resp:	1236
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

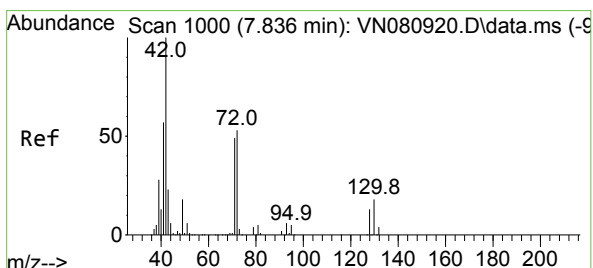
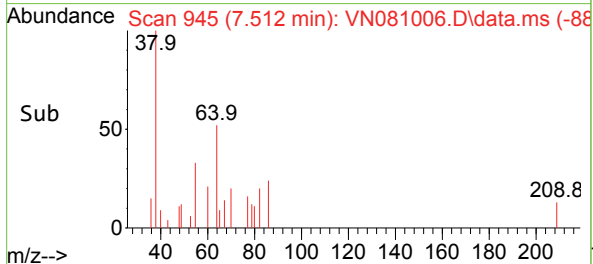
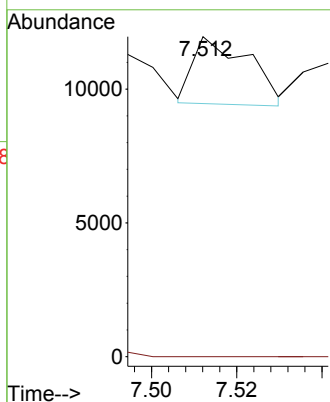
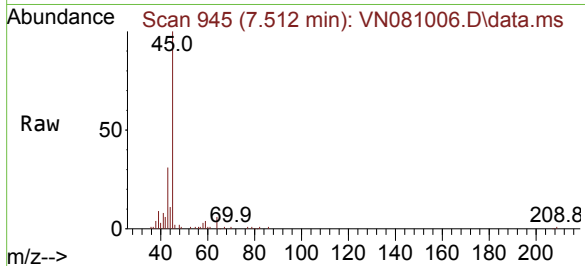




#25
2-Butanone
Concen: 1.630 ug/l
RT: 7.512 min Scan# 940
Delta R.T. 0.029 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

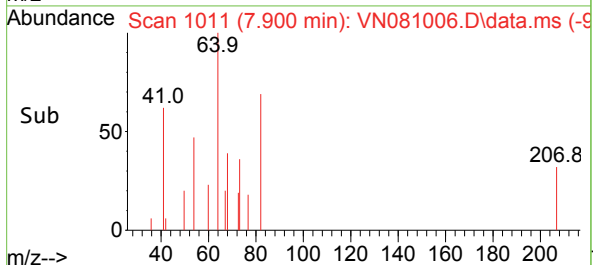
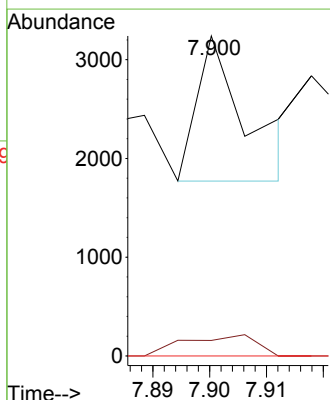
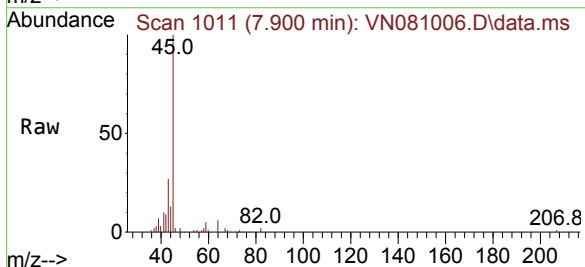
Instrument :
MSVOA_N
ClientSampleId :
IBLK

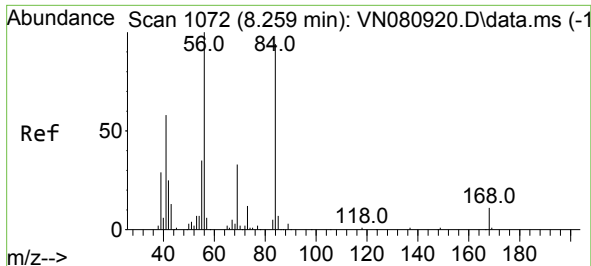
Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#29
Tetrahydrofuran
Concen: 1.062 ug/l
RT: 7.900 min Scan# 1011
Delta R.T. 0.065 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 42 Resp: 899
Ion Ratio Lower Upper
42 100
72 20.9 31.1 46.7#
71 0.0 28.3 42.5#

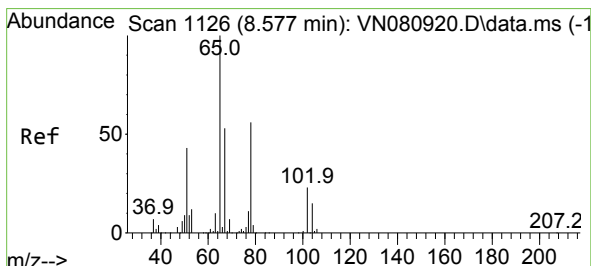
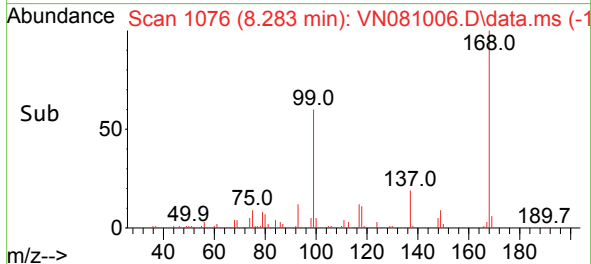
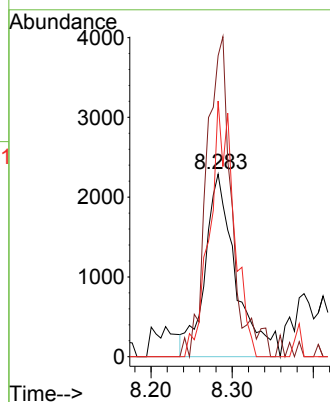
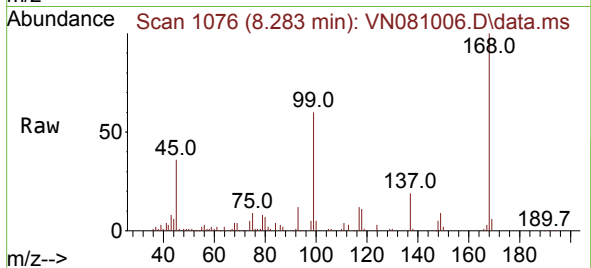




#31
Cyclohexane
Concen: 1.675 ug/l
RT: 8.283 min Scan# 1072
Delta R.T. 0.024 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

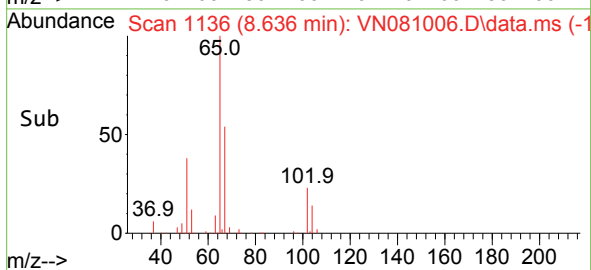
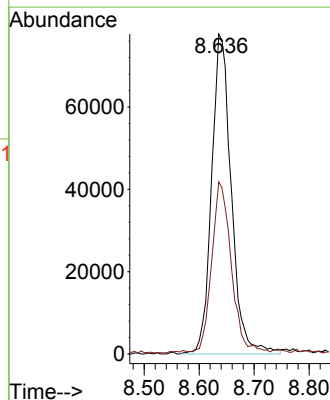
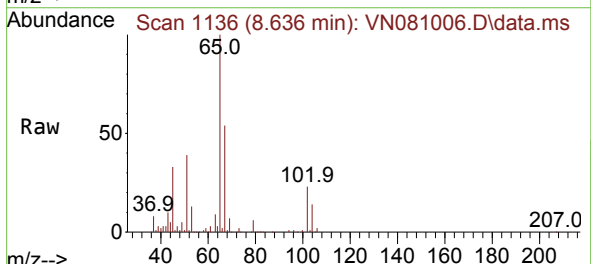
Instrument :
MSVOA_N
ClientSampleId :
IBLK

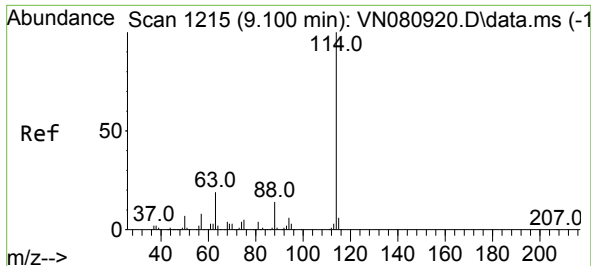
Tgt Ion: 56 Resp: 6001
Ion Ratio Lower Upper
56 100
69 173.2 20.1 30.1#
84 140.0 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 73.882 ug/l
RT: 8.636 min Scan# 1136
Delta R.T. 0.059 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 65 Resp: 193688
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

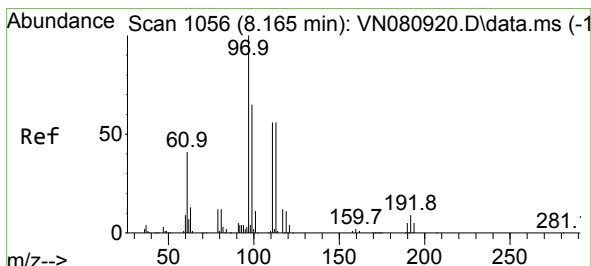
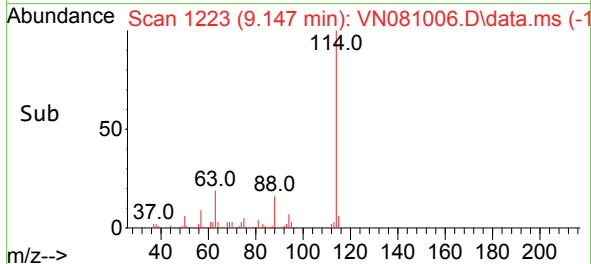
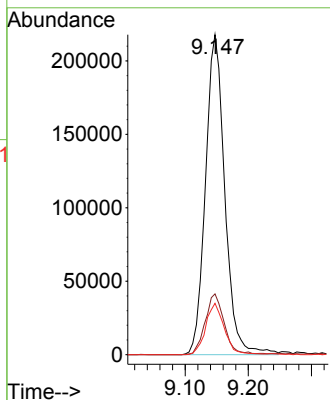
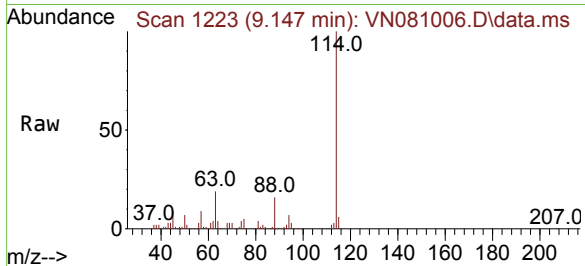




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.147 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

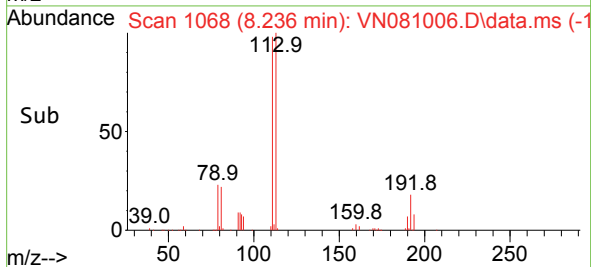
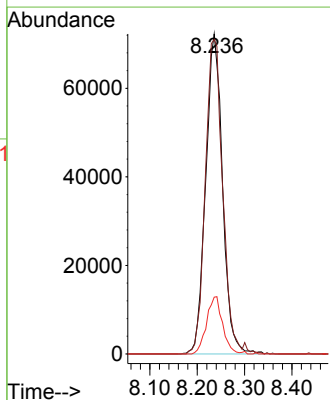
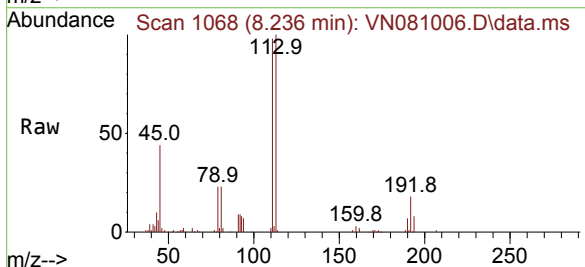
Instrument :
MSVOA_N
ClientSampleId :
IBLK

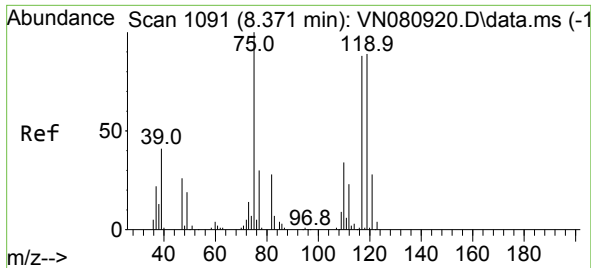
Tgt Ion:114 Resp: 464757
Ion Ratio Lower Upper
114 100
63 19.0 0.0 48.0
88 16.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 71.513 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.071 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion:113 Resp: 178346
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 17.2 12.5 18.7

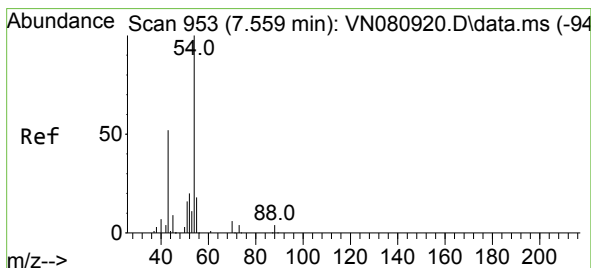
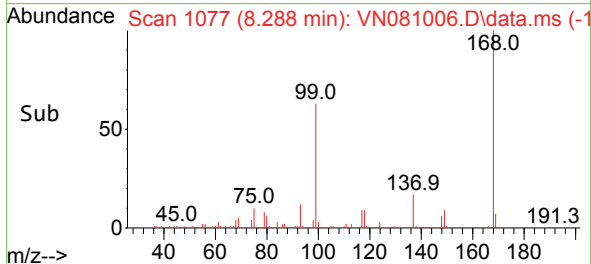
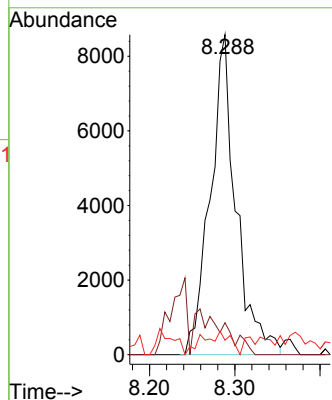
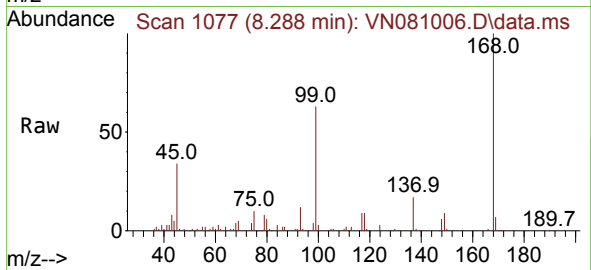




#36
1,1-Dichloropropene
Concen: 4.857 ug/l
RT: 8.288 min Scan# 1091
Delta R.T. -0.082 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

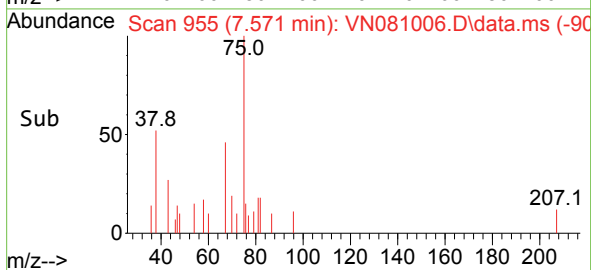
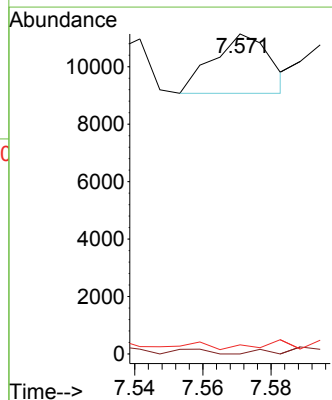
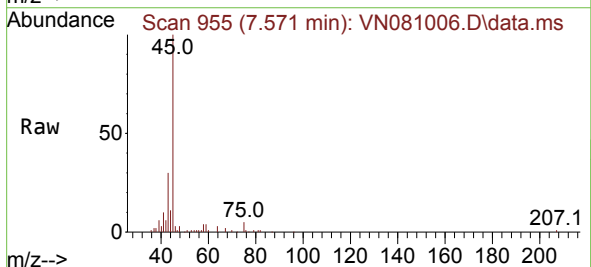
Instrument :
MSVOA_N
ClientSampleId :
IBLK

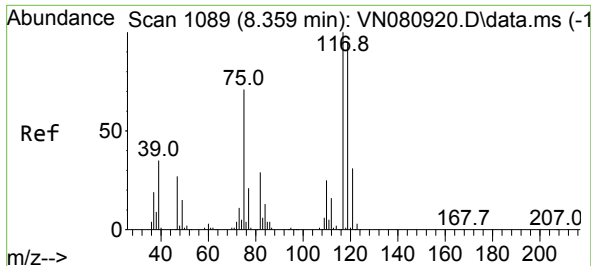
Tgt Ion: 75 Resp: 18018
Ion Ratio Lower Upper
75 100
110 0.0 16.0 48.0#
77 3.5 25.8 38.6#



#37
Ethyl Acetate
Concen: 0.854 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.012 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 43 Resp: 2398
Ion Ratio Lower Upper
43 100
61 8.4 10.6 15.8#
70 8.8 8.0 12.0

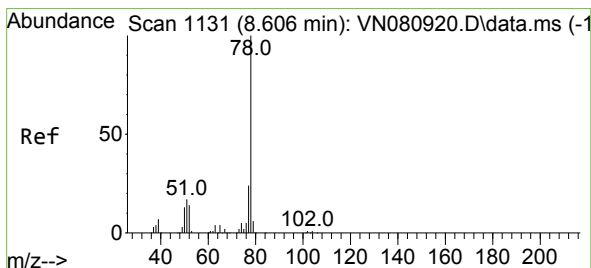
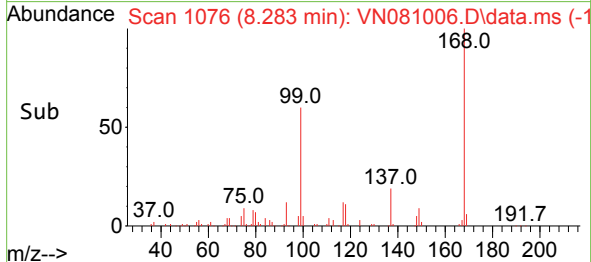
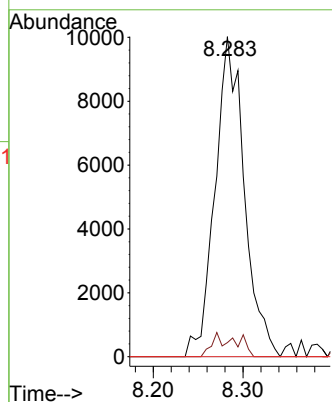
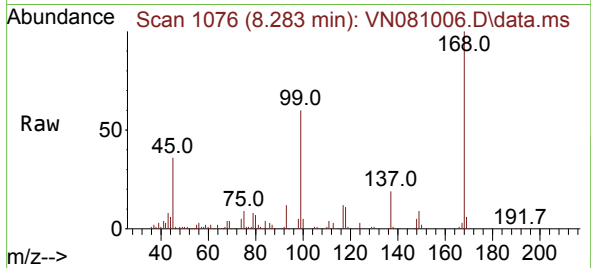




#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 8.283 min Scan# 117
Delta R.T. -0.076 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

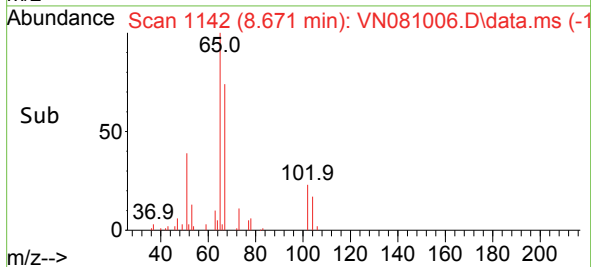
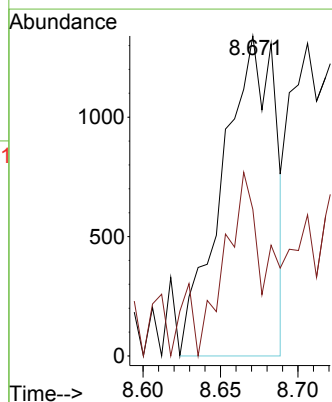
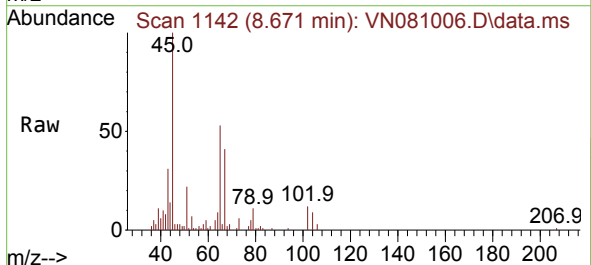
Instrument :
MSVOA_N
ClientSampleId :
IBLK

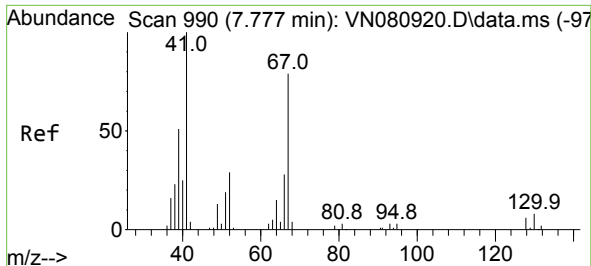
Tgt Ion:117 Resp: 22665
Ion Ratio Lower Upper
117 100
119 4.4 73.4 110.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.281 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.065 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 78 Resp: 3179
Ion Ratio Lower Upper
78 100
77 31.8 20.4 30.6#

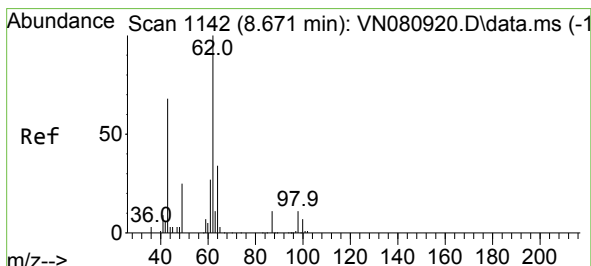
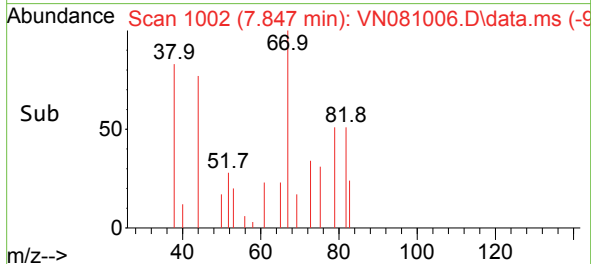
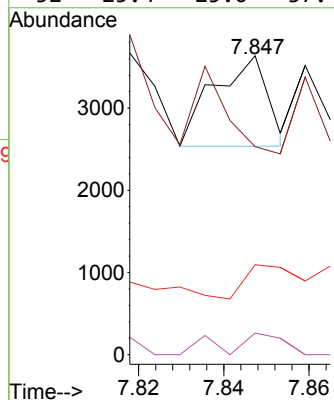
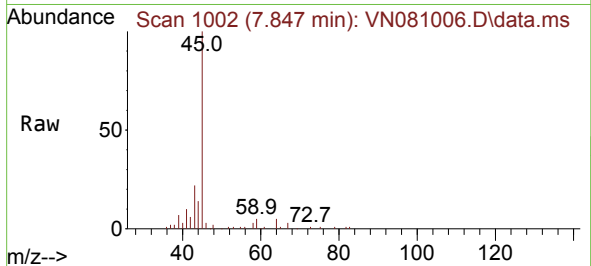




#41
Methacrylonitrile
Concen: 0.578 ug/l
RT: 7.847 min Scan# 1100
Delta R.T. 0.071 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

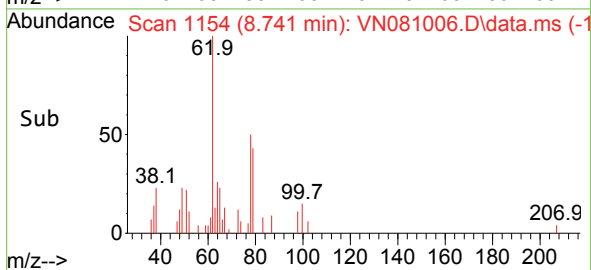
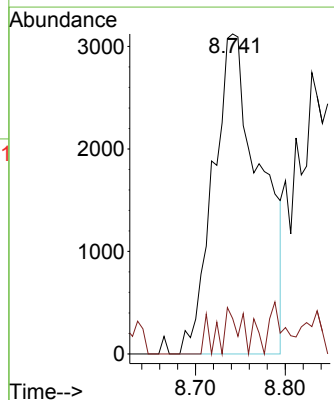
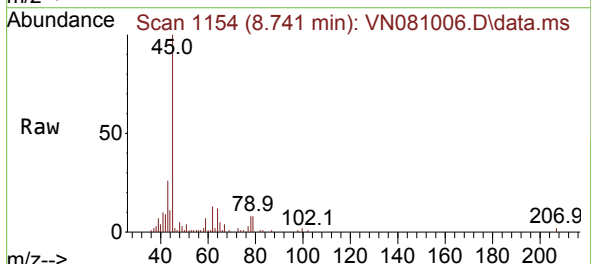
Instrument :
MSVOA_N
ClientSampleId :
IBLK

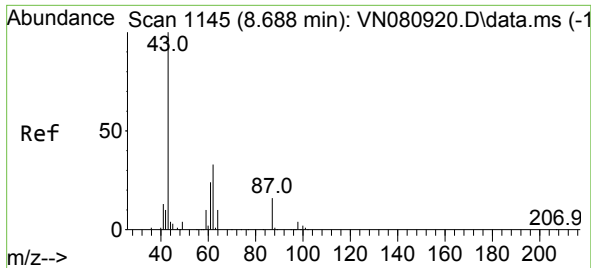
Tgt Ion: 41	Resp: 967
Ion Ratio	Lower Upper
41 100	
39 57.0	48.4 72.6
67 74.3	56.8 85.2
52 25.4	25.0 37.4



#42
1,2-Dichloroethane
Concen: 2.896 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.071 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 62	Resp: 11387
Ion Ratio	Lower Upper
62 100	
98 5.2	0.0 18.0

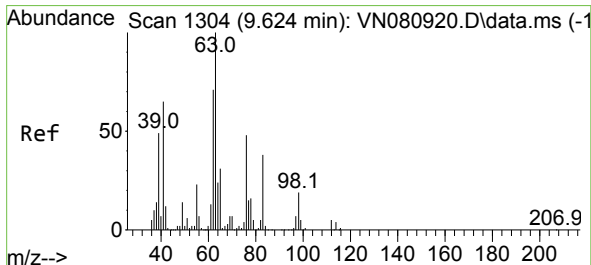
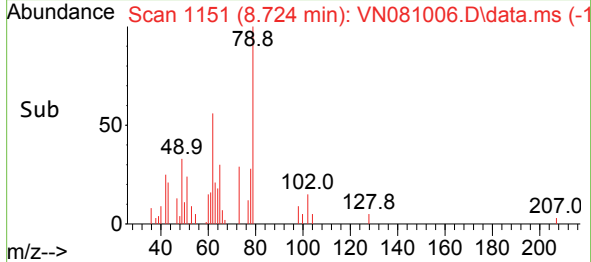
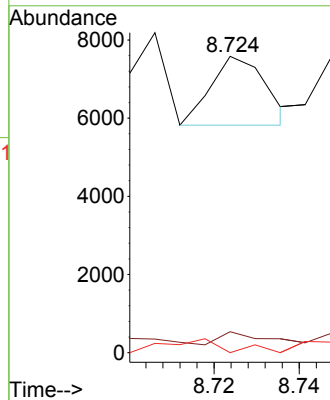
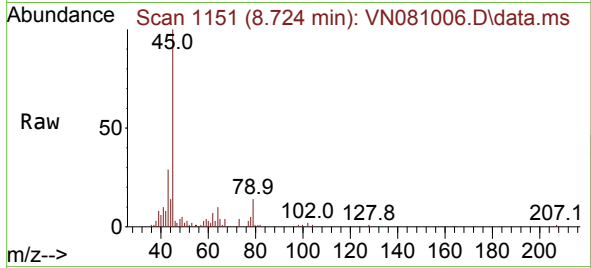




#43
Isopropyl Acetate
Concen: 0.306 ug/l
RT: 8.724 min Scan# 1145
Delta R.T. 0.035 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

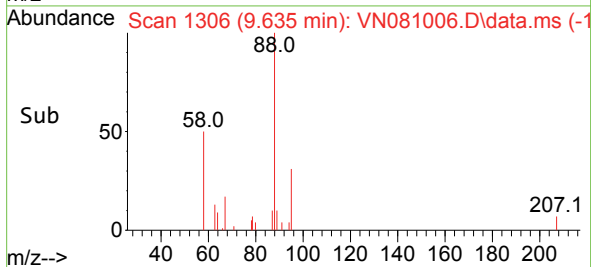
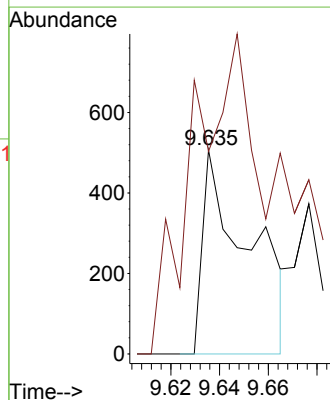
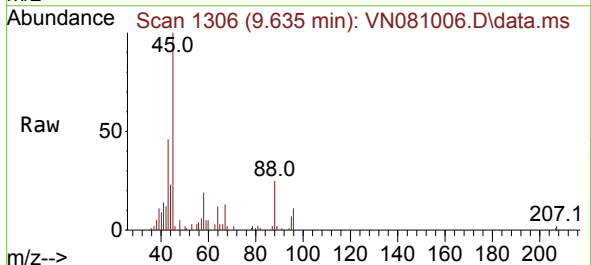
Instrument :
MSVOA_N
ClientSampleId :
IBLK

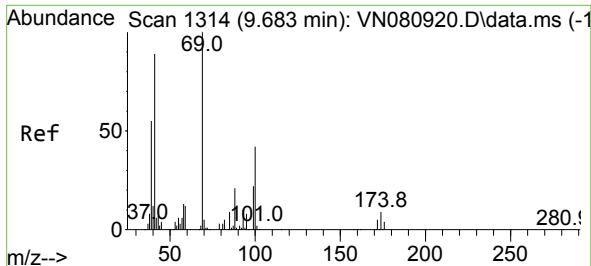
Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
61 16.6 19.9 29.9#
87 22.3 9.0 13.6#



#45
1,2-Dichloropropane
Concen: 0.216 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. 0.012 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 63 Resp: 658
Ion Ratio Lower Upper
63 100
65 66.7 26.1 39.1#

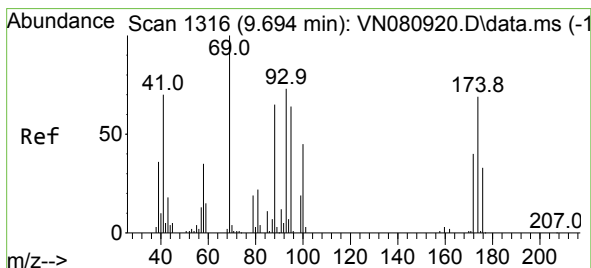
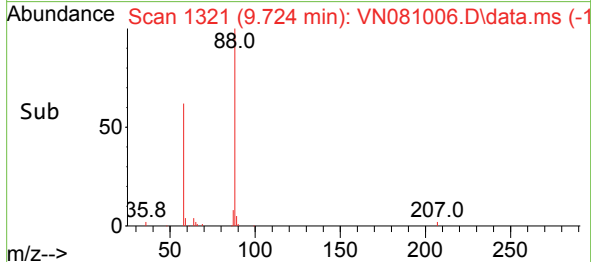
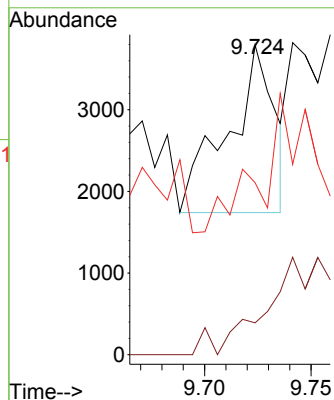
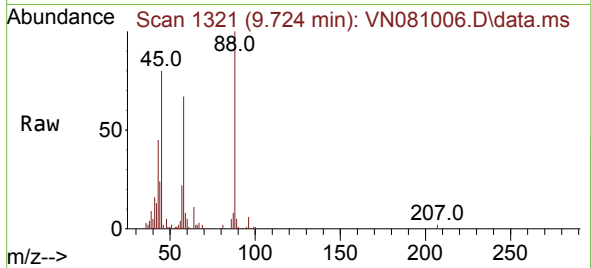




#48
Methyl methacrylate
Concen: 1.072 ug/l
RT: 9.724 min Scan# 1321
Delta R.T. 0.041 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

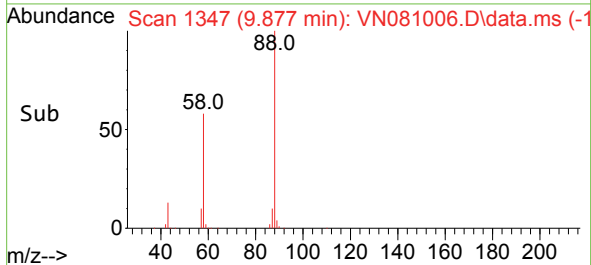
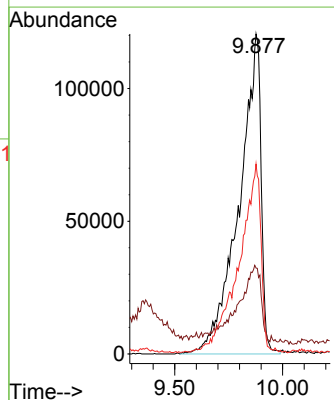
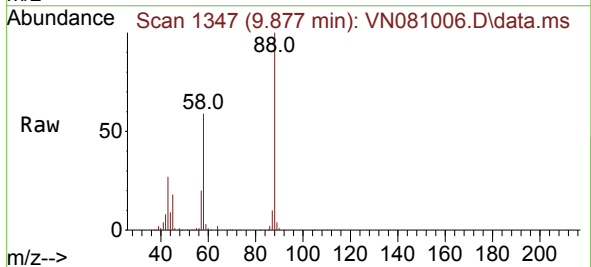
Instrument :
MSVOA_N
ClientSampleId :
IBLK

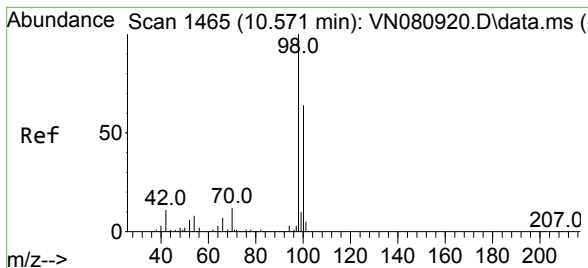
Tgt Ion: 41 Resp: 3119
Ion Ratio Lower Upper
41 100
69 53.5 62.2 93.2#
39 85.8 47.6 71.4#



#49
1,4-Dioxane
Concen: 15892.381 ug/l
RT: 9.877 min Scan# 1347
Delta R.T. 0.182 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 88 Resp: 853455
Ion Ratio Lower Upper
88 100
43 18.7 30.1 45.1#
58 56.8 63.9 95.9#





#50

Toluene-d8

Concen: 66.979 ug/l

RT: 10.588 min Scan# 1468

Delta R.T. 0.018 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

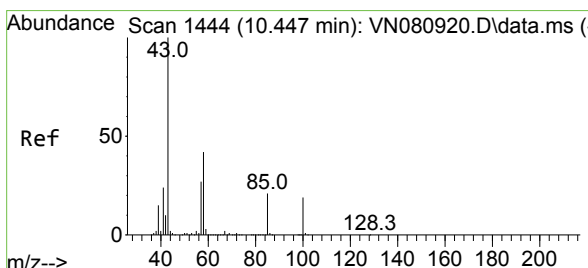
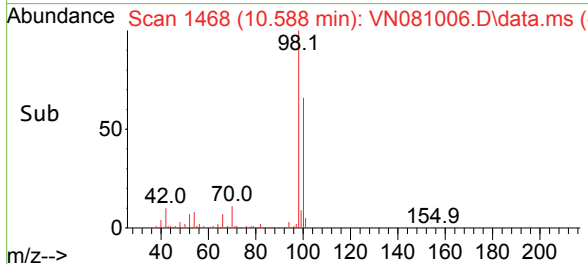
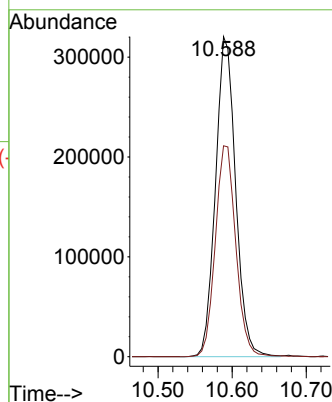
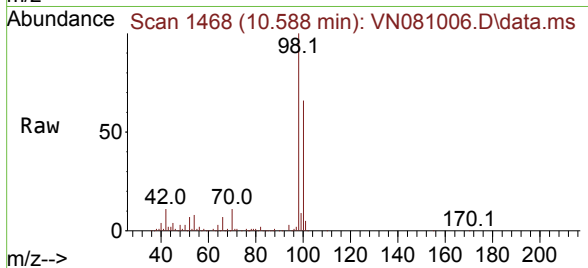
IBLK

Tgt Ion: 98 Resp: 604192

Ion Ratio Lower Upper

98 100

100 67.4 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 0.228 ug/l

RT: 10.512 min Scan# 1455

Delta R.T. 0.065 min

Lab File: VN081006.D

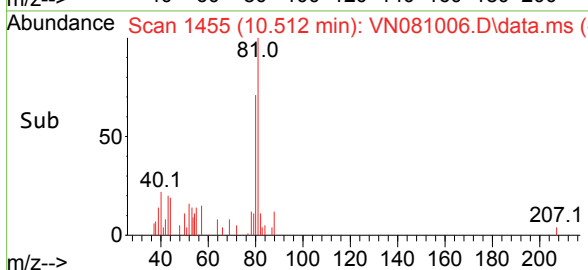
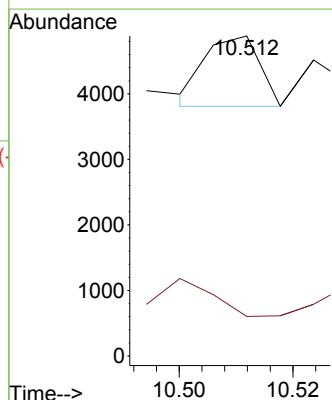
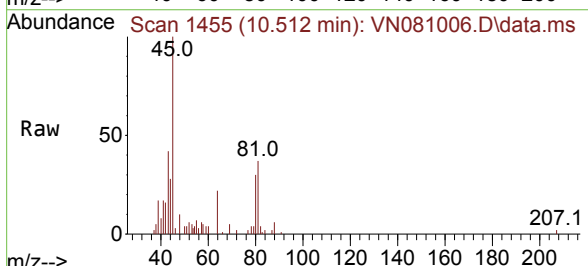
Acq: 12 Feb 2024 16:00

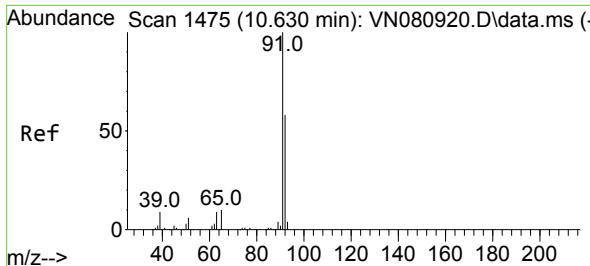
Tgt Ion: 43 Resp: 709

Ion Ratio Lower Upper

43 100

58 164.0 29.4 44.0#





#52

Toluene

Concen: 0.970 ug/l

RT: 10.706 min Scan# 1475

Delta R.T. 0.076 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

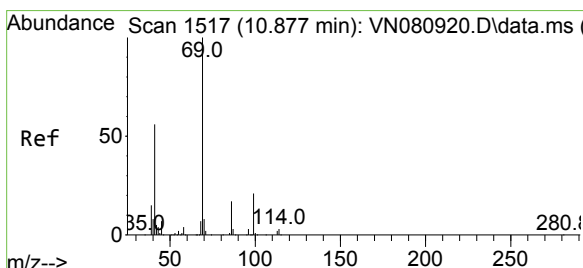
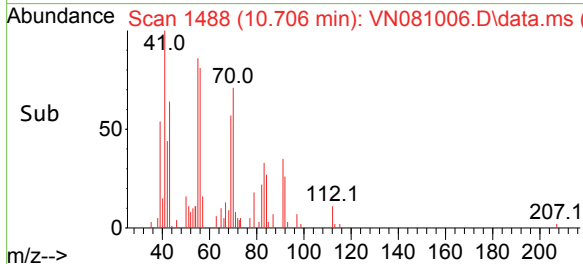
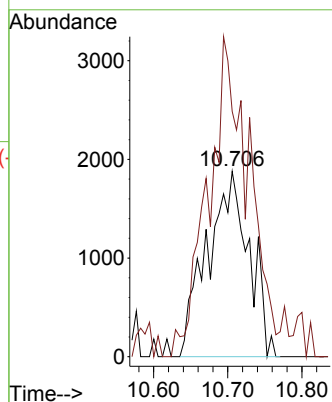
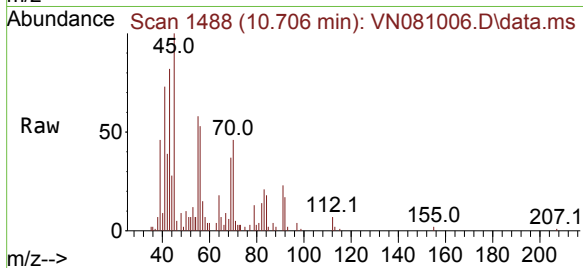
IBLK

Tgt Ion: 92 Resp: 7337

Ion Ratio Lower Upper

92 100

91 168.6 139.4 209.0



#56

Ethyl methacrylate

Concen: 3.050 ug/l

RT: 10.894 min Scan# 1520

Delta R.T. 0.017 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

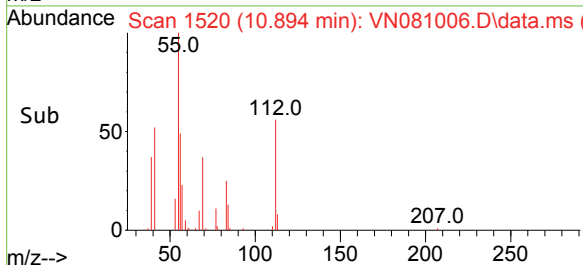
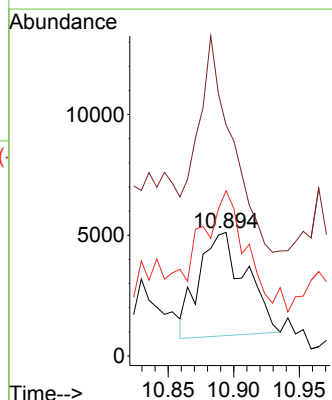
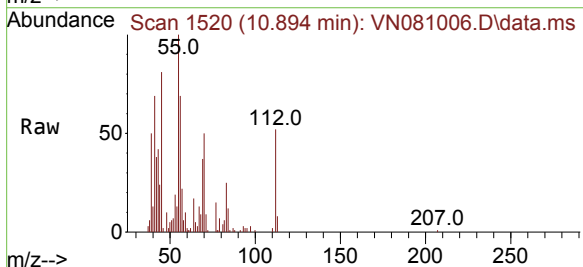
Tgt Ion: 69 Resp: 10668

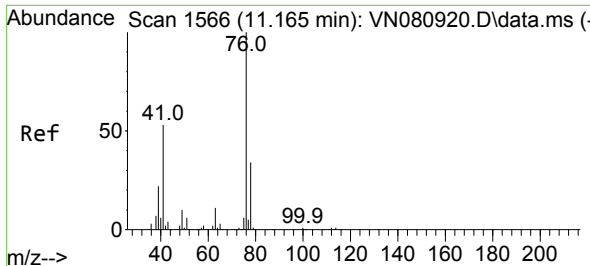
Ion Ratio Lower Upper

69 100

41 251.0 61.0 91.6#

39 107.0 31.8 47.6#

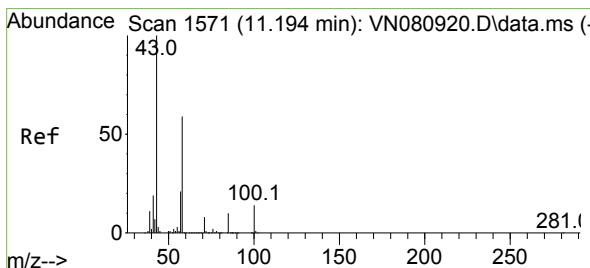
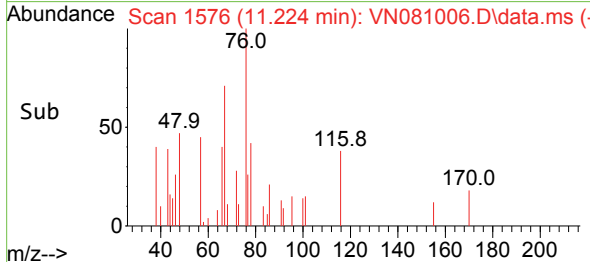
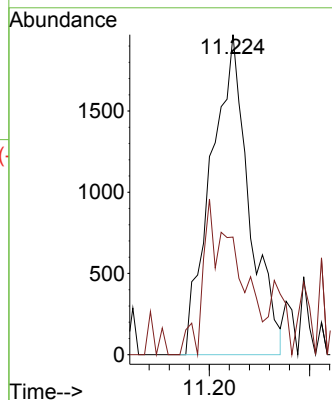
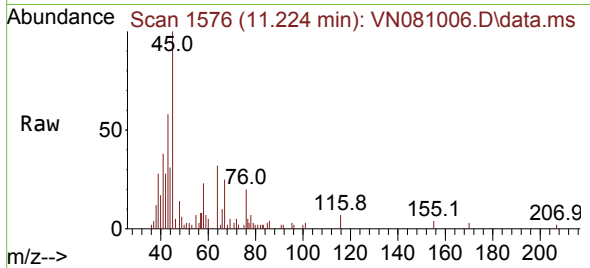




#57
1,3-Dichloropropane
Concen: 1.095 ug/l
RT: 11.224 min Scan# 1576
Delta R.T. 0.059 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

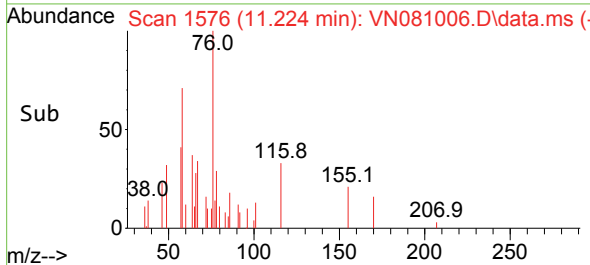
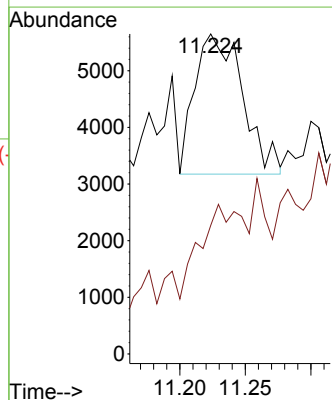
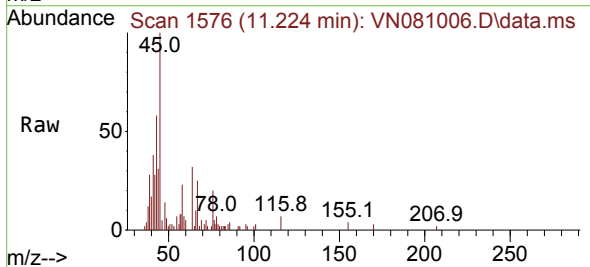
Instrument :
MSVOA_N
ClientSampleId :
IBLK

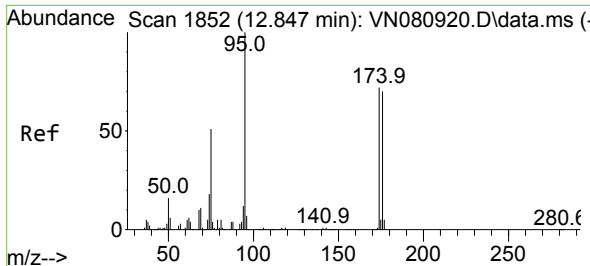
Tgt Ion: 76 Resp: 5195
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#



#59
2-Hexanone
Concen: 2.668 ug/l
RT: 11.224 min Scan# 1576
Delta R.T. 0.029 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 43 Resp: 6290
Ion Ratio Lower Upper
43 100
58 65.1 25.9 77.8

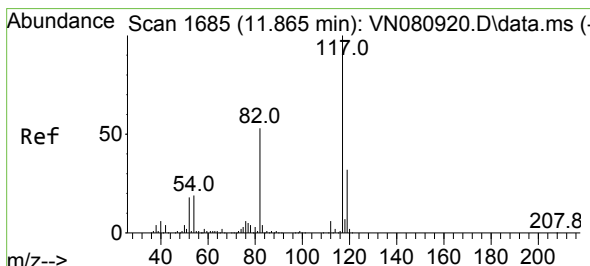
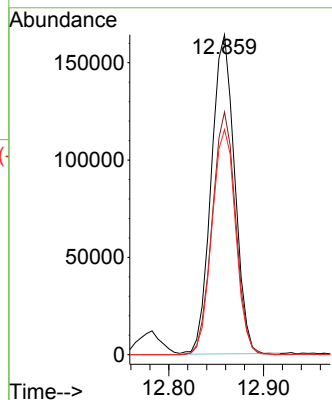
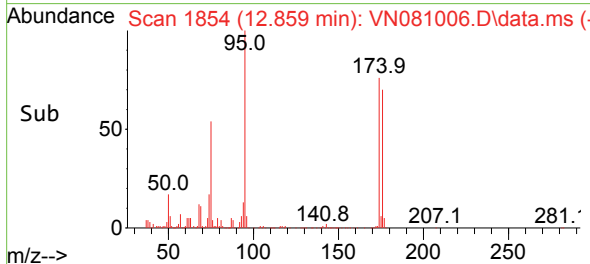
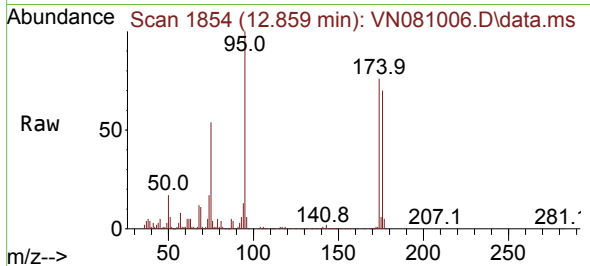




#62
4-Bromofluorobenzene
Concen: 85.590 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

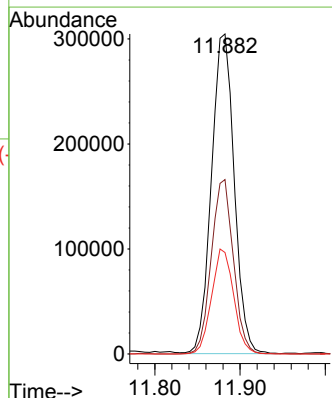
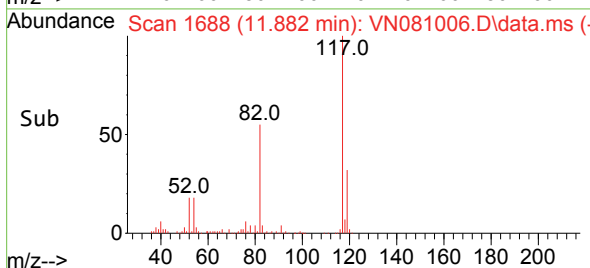
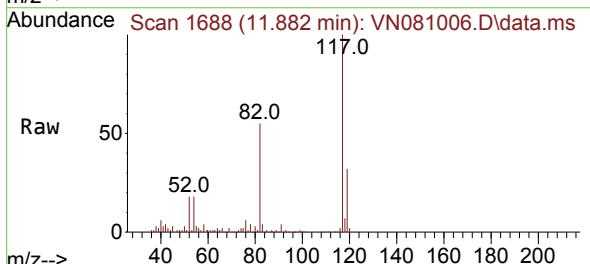
Instrument :
MSVOA_N
ClientSampleId :
IBLK

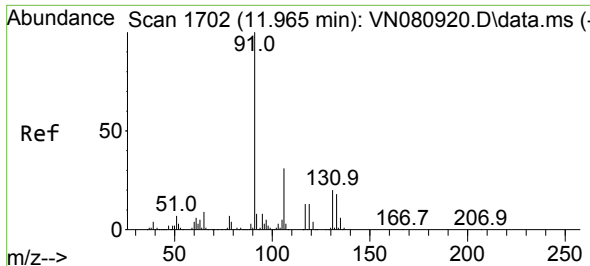
Tgt Ion: 95 Resp: 280475
Ion Ratio Lower Upper
95 100
174 76.6 0.0 120.4
176 71.8 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.882 min Scan# 1688
Delta R.T. 0.018 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 117 Resp: 565344
Ion Ratio Lower Upper
117 100
82 54.5 52.7 79.1
119 31.7 25.3 37.9

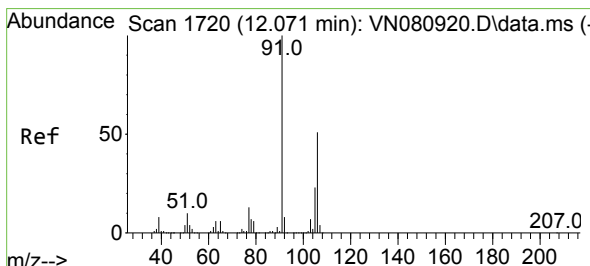
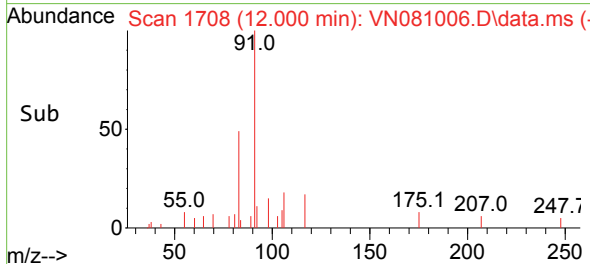
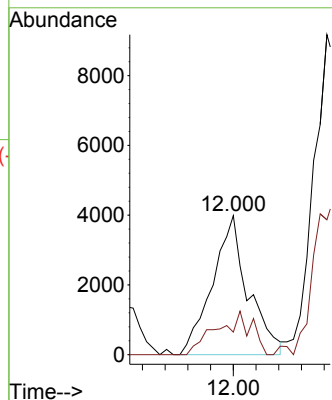
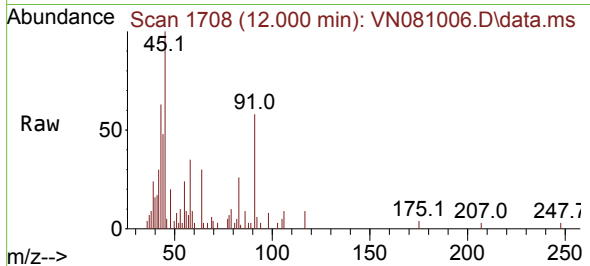




#67
Ethyl Benzene
Concen: 0.427 ug/l
RT: 12.000 min Scan# 1708
Delta R.T. 0.035 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

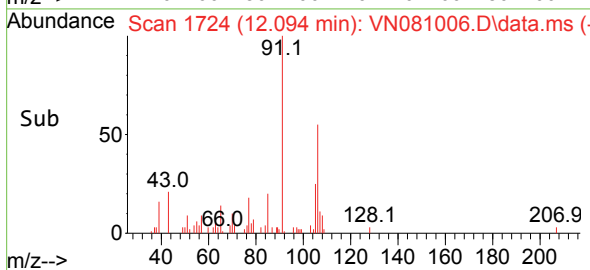
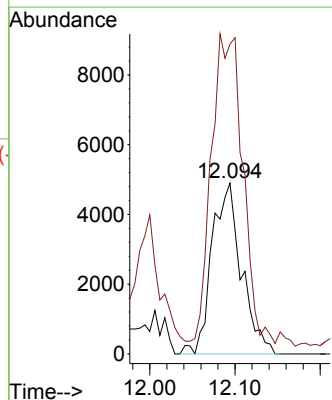
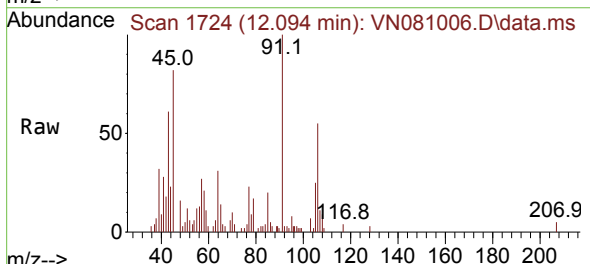
Instrument :
MSVOA_N
ClientSampleId :
IBLK

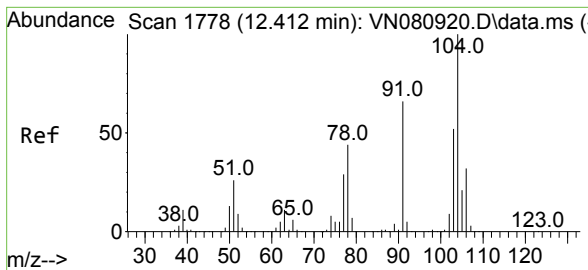
Tgt Ion: 91 Resp: 8723
Ion Ratio Lower Upper
91 100
106 16.3 23.8 35.6#



#68
m/p-Xylenes
Concen: 1.520 ug/l
RT: 12.094 min Scan# 1724
Delta R.T. 0.024 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion: 106 Resp: 11788
Ion Ratio Lower Upper
106 100
91 194.2 169.0 253.6





#70

Styrene

Concen: 0.528 ug/l

RT: 12.453 min Scan# 1

Delta R.T. 0.041 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

IBLK

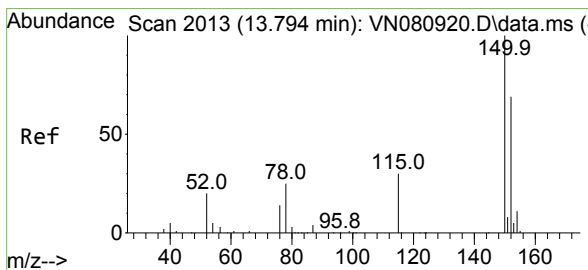
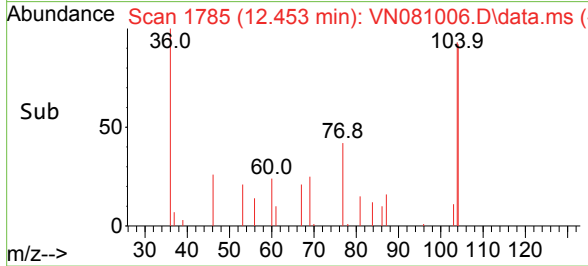
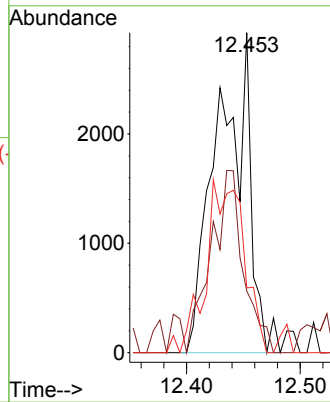
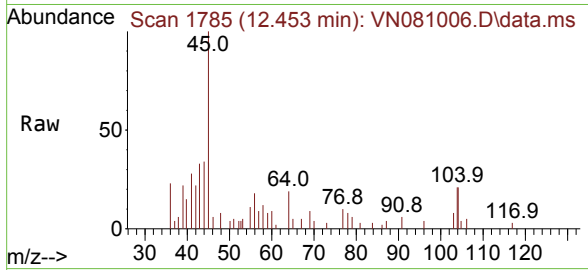
Tgt Ion:104 Resp: 5959

Ion Ratio Lower Upper

104 100

78 0.0 43.8 65.8#

103 0.0 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.006 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

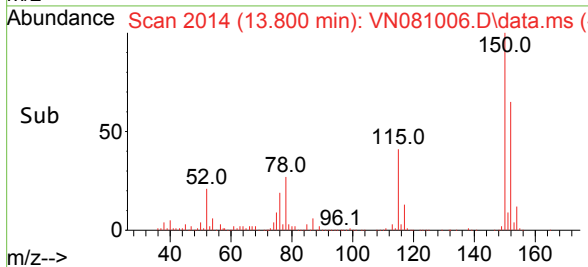
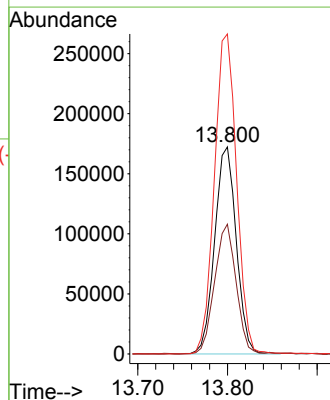
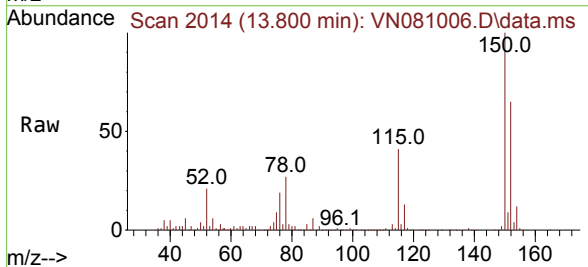
Tgt Ion:152 Resp: 289310

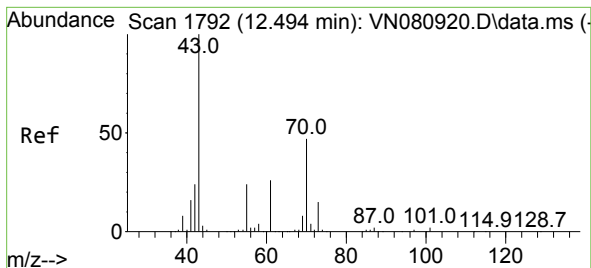
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 158.1 0.0 339.8





#74

N-amy1 acetate

Concen: 0.456 ug/l

RT: 12.471 min Scan# 1

Delta R.T. -0.024 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion: 43 Resp: 3699

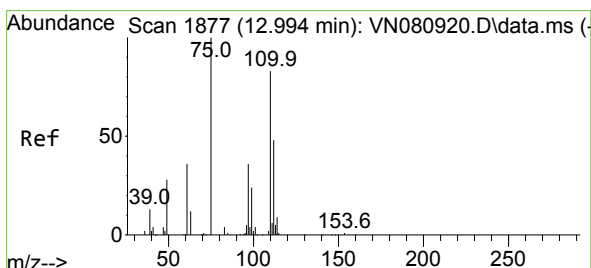
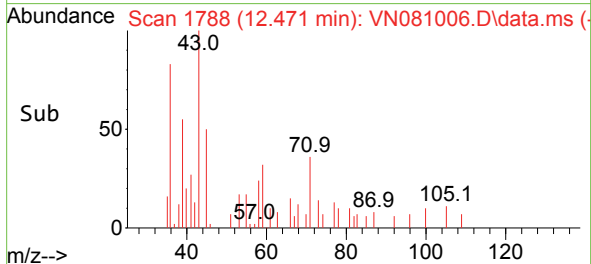
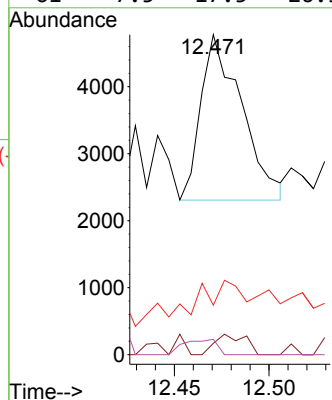
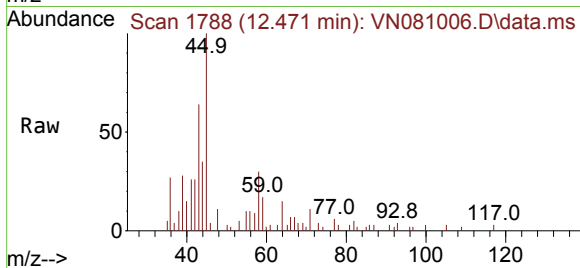
Ion Ratio Lower Upper

43 100

70 9.2 30.1 45.1#

55 0.0 17.0 25.4#

61 7.5 17.5 26.3#



#76

1,2,3-Trichloropropane

Concen: 25.198 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. -0.135 min

Lab File: VN081006.D

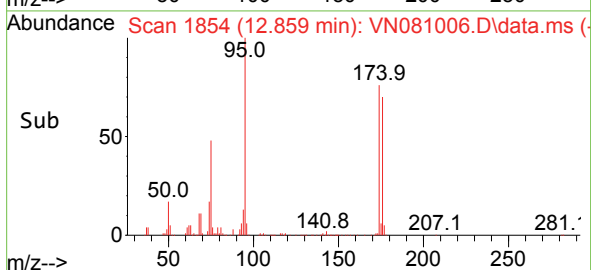
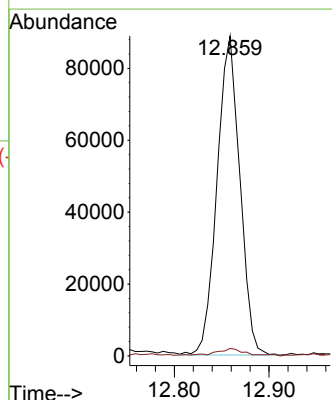
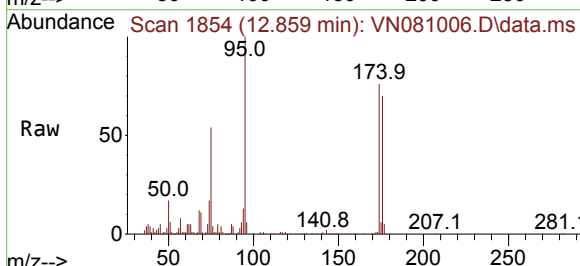
Acq: 12 Feb 2024 16:00

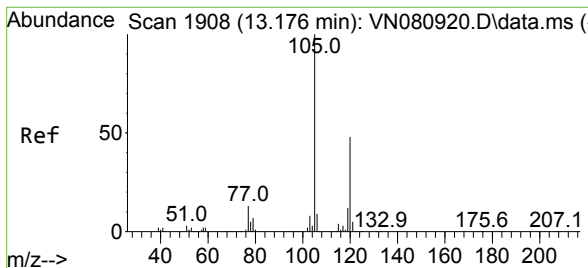
Tgt Ion: 75 Resp: 148641

Ion Ratio Lower Upper

75 100

77 2.0 91.0 272.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.301 ug/l

RT: 13.188 min Scan# 1908

Delta R.T. 0.012 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

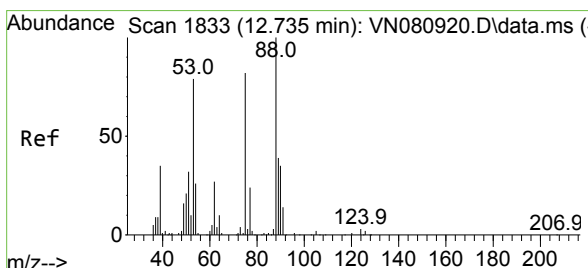
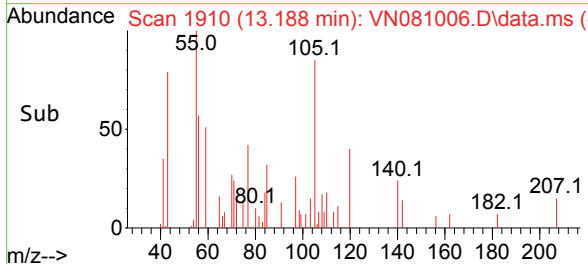
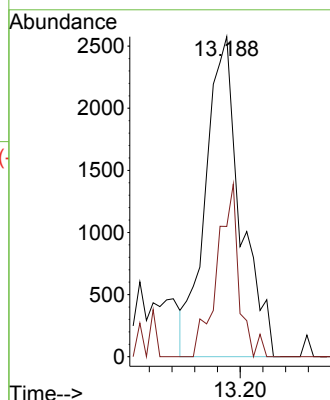
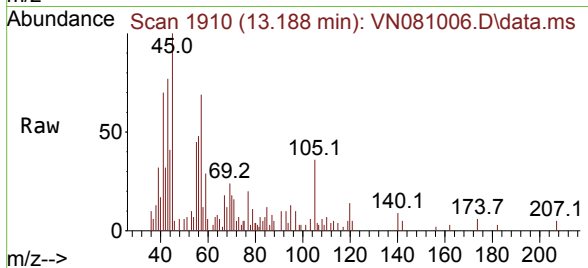
IBLK

Tgt Ion:105 Resp: 5507

Ion Ratio Lower Upper

105 100

120 33.6 23.0 69.0



#81

trans-1,4-Dichloro-2-butene

Concen: 13.801 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.047 min

Lab File: VN081006.D

Acq: 12 Feb 2024 16:00

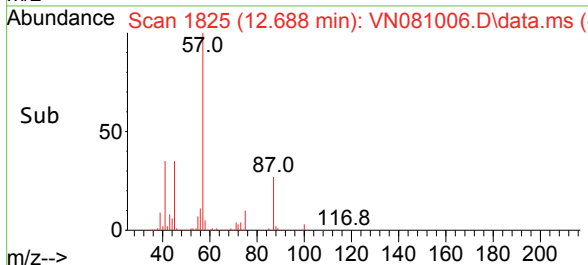
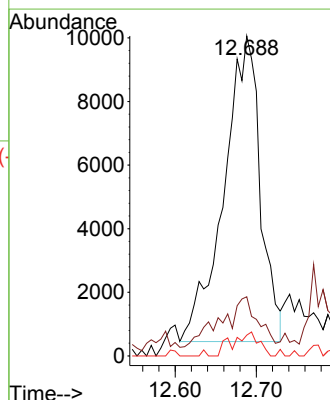
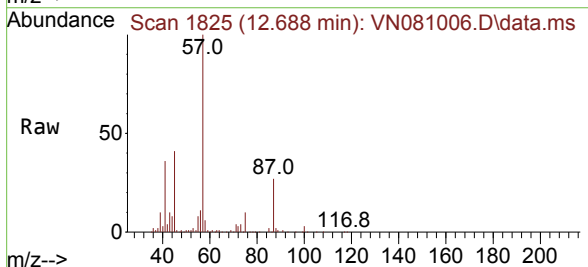
Tgt Ion: 75 Resp: 29965

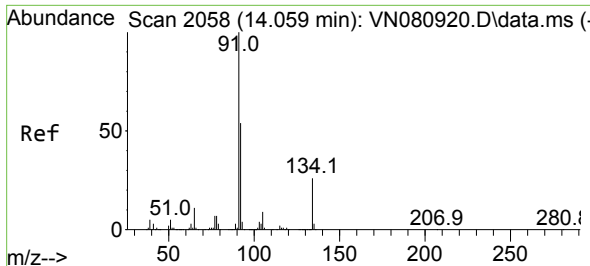
Ion Ratio Lower Upper

75 100

53 23.2 71.4 107.2#

89 4.2 33.4 50.0#

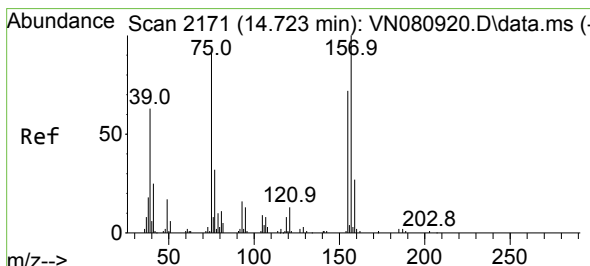
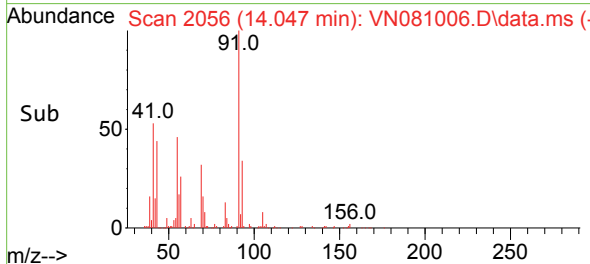
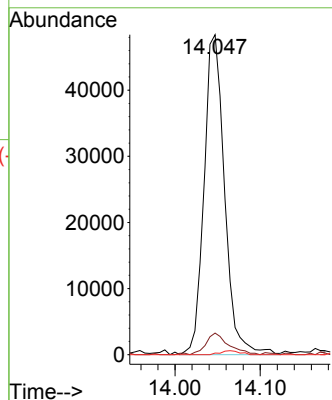
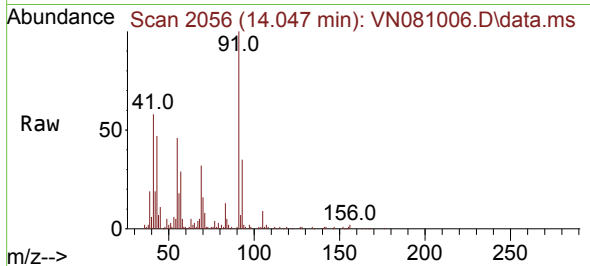




#89
n-Butylbenzene
Concen: 5.185 ug/l
RT: 14.047 min Scan# 2056
Delta R.T. -0.012 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	91	Resp:	81081
Ion	Ratio	Lower	Upper
91	100		
92	7.6	26.7	80.1#
134	1.2	10.8	32.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.283 ug/l
RT: 14.447 min Scan# 2124
Delta R.T. -0.276 min
Lab File: VN081006.D
Acq: 12 Feb 2024 16:00

Tgt Ion:	75	Resp:	370
Ion	Ratio	Lower	Upper
75	100		
155	94.6	31.8	95.4
157	63.2	41.1	123.4

