

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076229.D
 Acq On : 12 Jan 2023 14:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 13 01:59:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

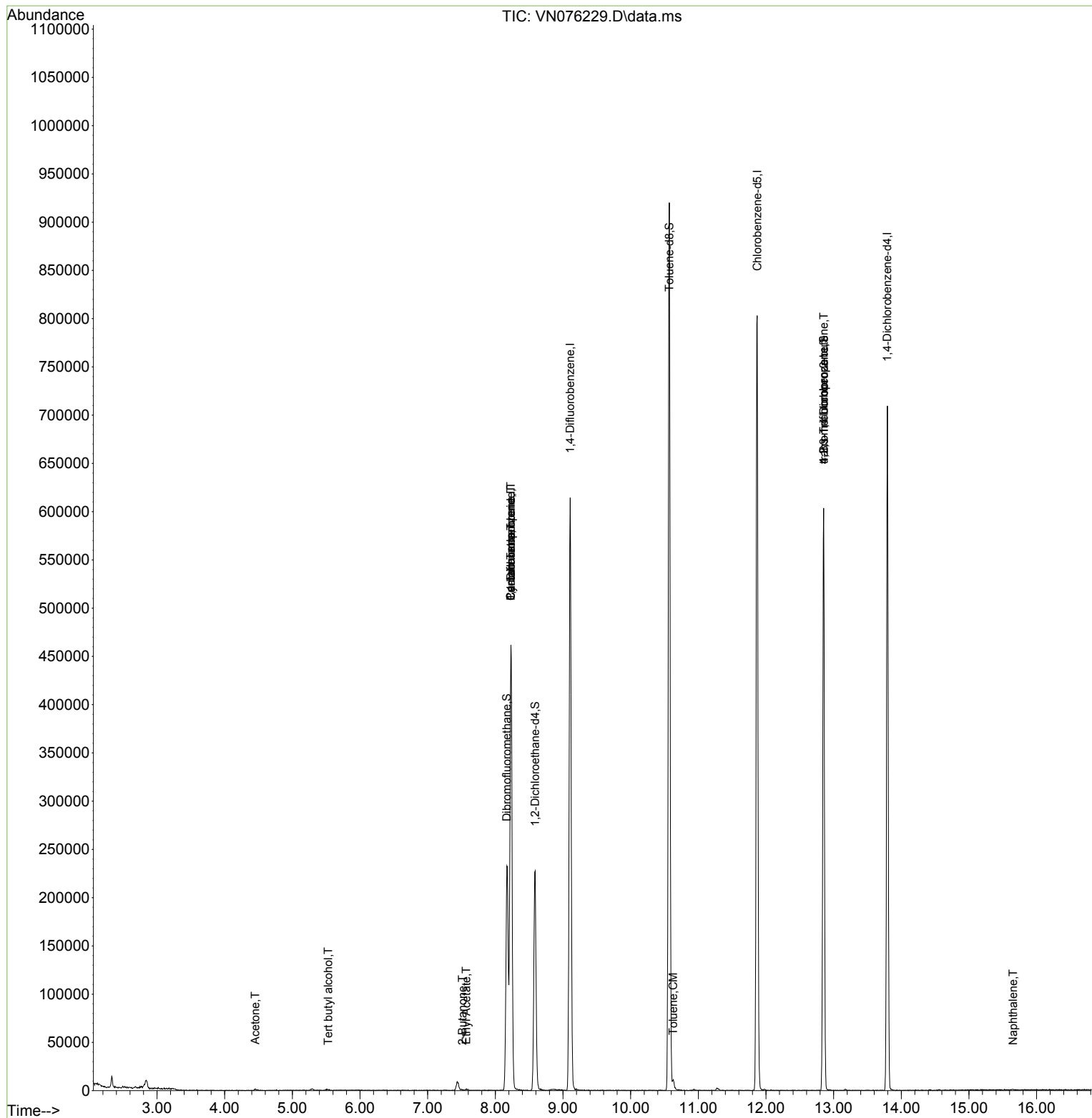
Internal Standards						
1) Pentafluorobenzene	8.230	168	351767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	562469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	493295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	187069	48.883	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.760%		
35) Dibromofluoromethane	8.171	113	169117	48.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.100%		
50) Toluene-d8	10.571	98	648298	49.779	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.560%		
62) 4-Bromofluorobenzene	12.853	95	200484	46.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.960%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.530	59	532	0.982	ug/l #	72
16) Acetone	4.453	43	2428	1.841	ug/l	98
20) Methylene Chloride	5.277	84	719	Below Cal	#	66
25) 2-Butanone	7.512	43	947	0.513	ug/l #	40
31) Cyclohexane	8.230	56	6962	1.270	ug/l #	15
36) 1,1-Dichloropropene	8.230	75	26181	5.658	ug/l #	49
37) Ethyl Acetate	7.571	43	1505	0.405	ug/l #	81
38) Carbon Tetrachloride	8.230	117	35673	6.888	ug/l #	14
52) Toluene	10.629	92	4241	0.456	ug/l	95
76) 1,2,3-Trichloropropane	12.853	75	104397	26.533	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	104397	95.505	ug/l #	12
95) Naphthalene	15.653	128	862	2.255	ug/l #	69

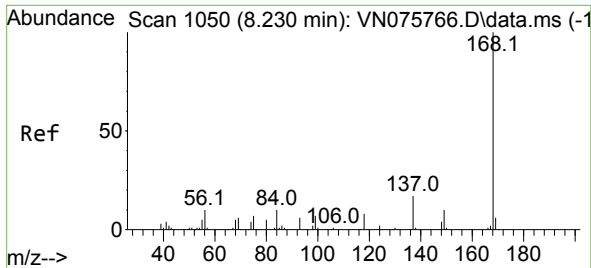
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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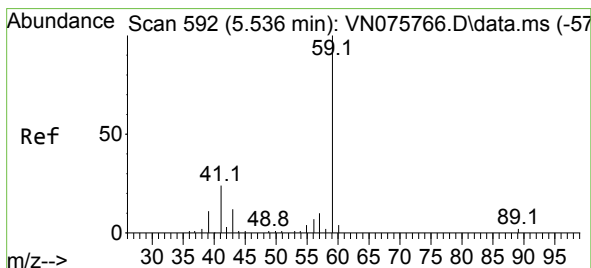
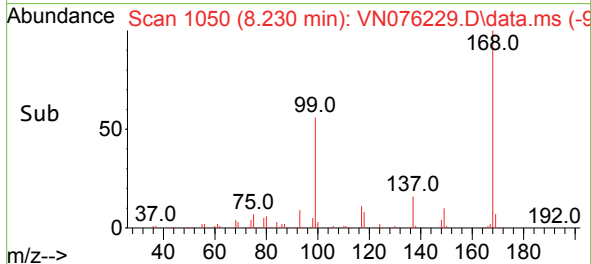
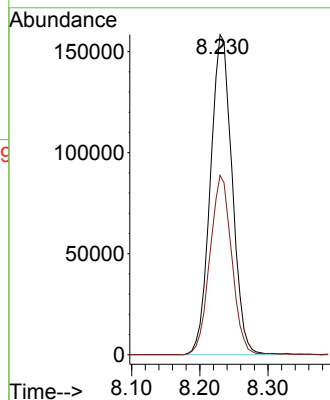
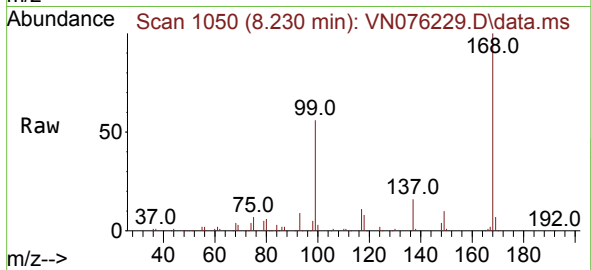




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076229.D
Acq: 12 Jan 2023 14:39

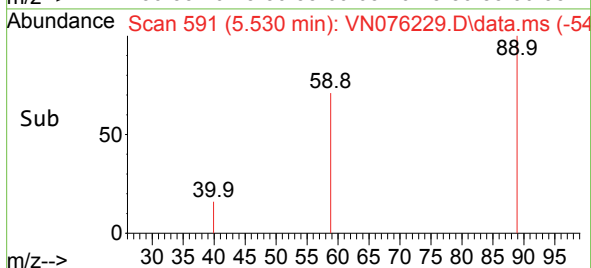
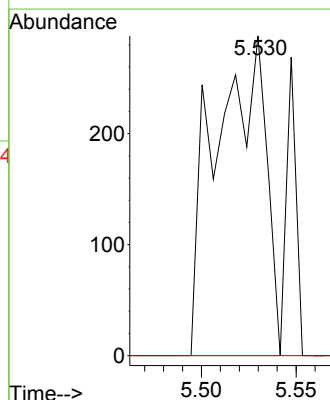
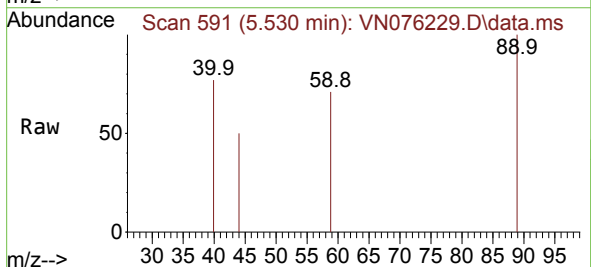
Instrument :
MSVOA_N
ClientSampleId :
IBLK

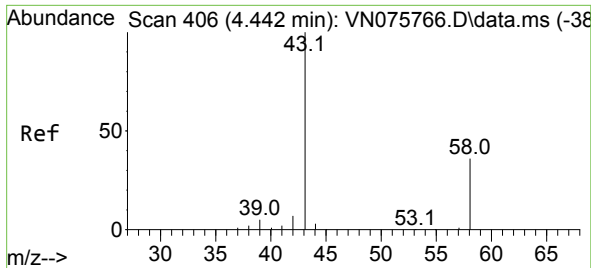
Tgt Ion:168 Resp: 351767
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.982 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076229.D
Acq: 12 Jan 2023 14:39

Tgt Ion: 59 Resp: 532
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 1.841 ug/l

RT: 4.453 min Scan# 406

Delta R.T. 0.012 min

Lab File: VN076229.D

Acq: 12 Jan 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

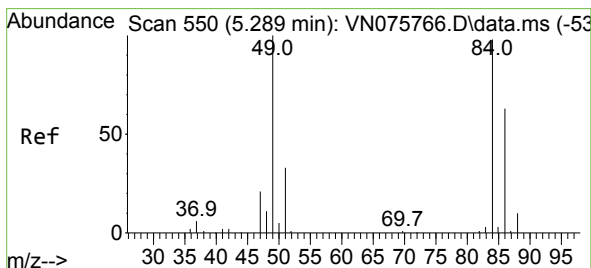
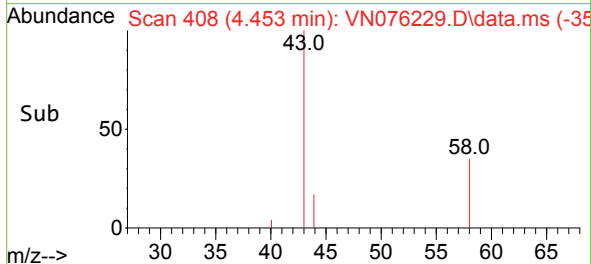
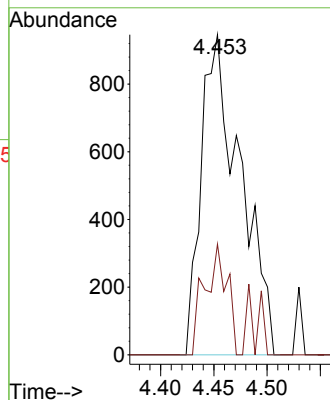
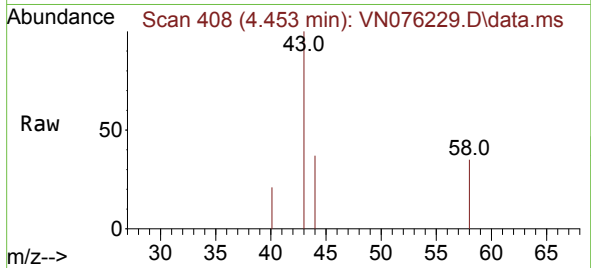
IBLK

Tgt Ion: 43 Resp: 2428

Ion Ratio Lower Upper

43 100

58 34.6 28.6 43.0



#20

Methylene Chloride

Concen: Below Cal

RT: 5.277 min Scan# 548

Delta R.T. -0.012 min

Lab File: VN076229.D

Acq: 12 Jan 2023 14:39

Tgt Ion: 84 Resp: 719

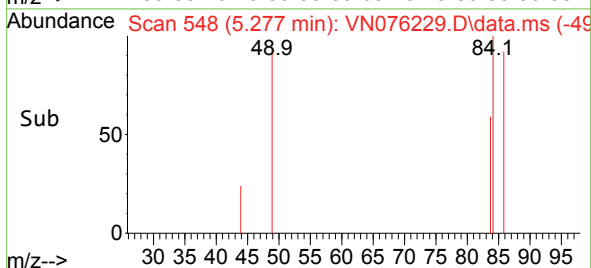
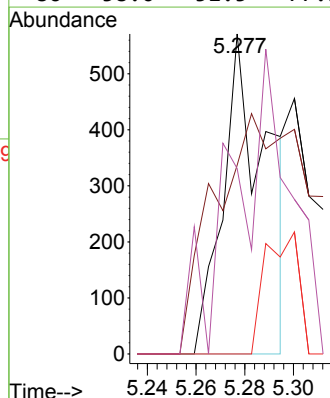
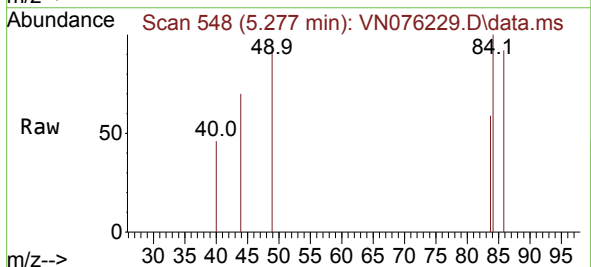
Ion Ratio Lower Upper

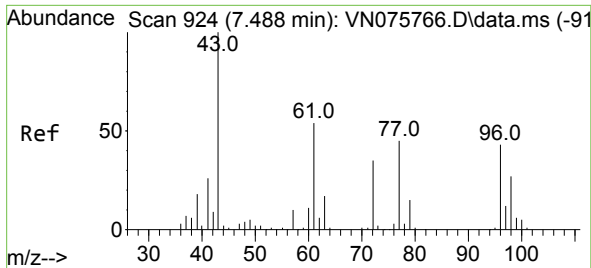
84 100

49 59.0 81.8 122.6#

51 0.0 26.7 40.1#

86 58.0 51.5 77.3

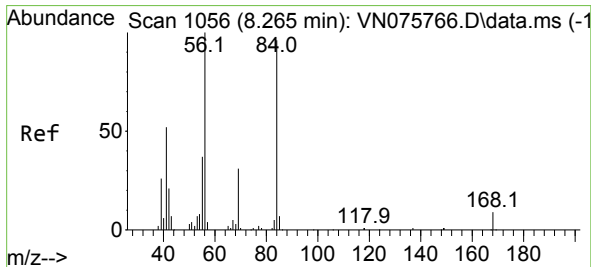
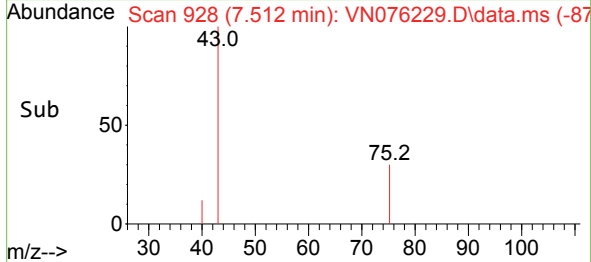
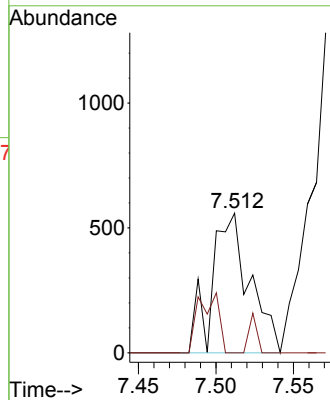
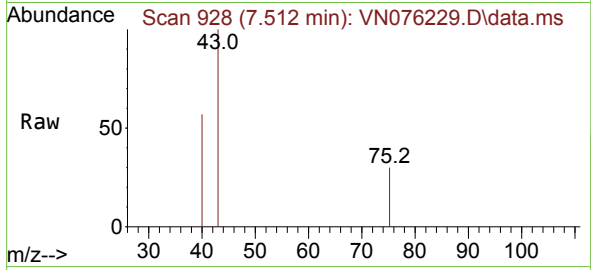




#25
2-Butanone
Concen: 0.513 ug/l
RT: 7.512 min Scan# 91
Delta R.T. 0.024 min
Lab File: VN076229.D
Acq: 12 Jan 2023 14:39

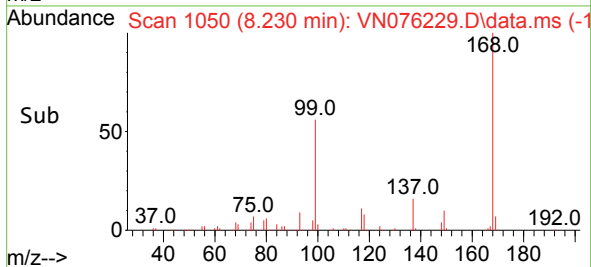
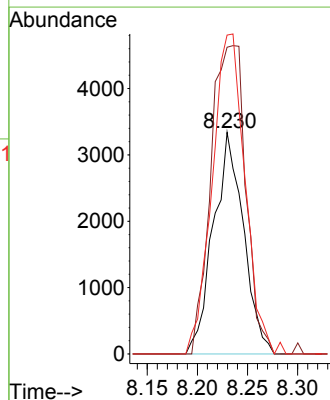
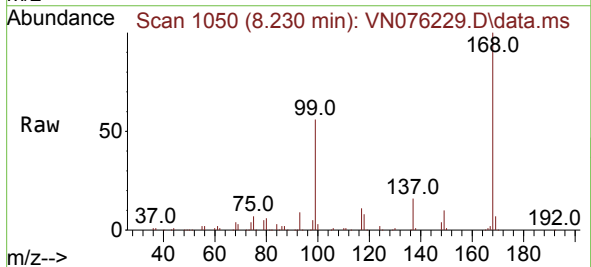
Instrument :
MSVOA_N
ClientSampleId :
IBLK

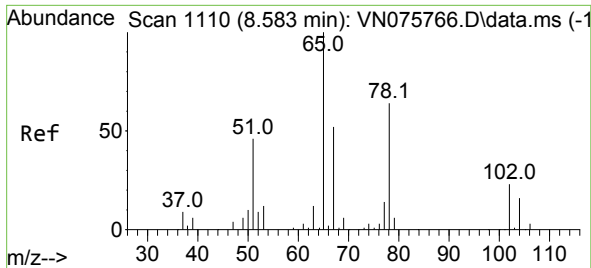
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
72 0.0 28.0 42.0#



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076229.D
Acq: 12 Jan 2023 14:39

Tgt Ion: 56 Resp: 6962
Ion Ratio Lower Upper
56 100
69 138.5 24.7 37.1#
84 143.9 76.5 114.7#

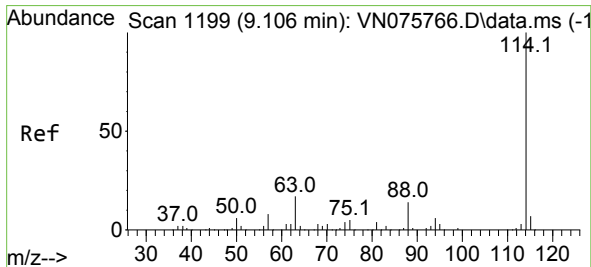
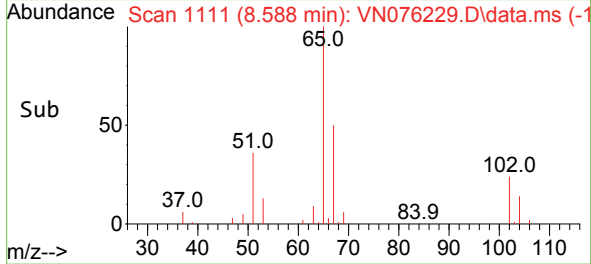
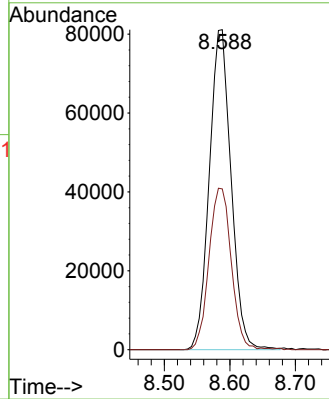
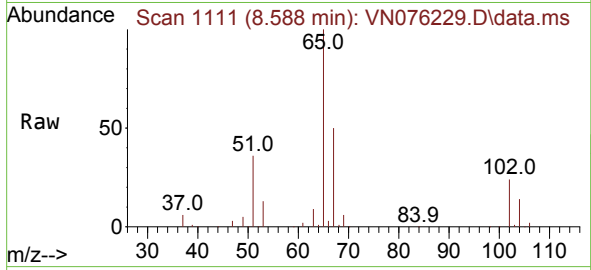




#33
 1,2-Dichloroethane-d4
 Concen: 48.883 ug/l
 RT: 8.588 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: VN076229.D
 Acq: 12 Jan 2023 14:39

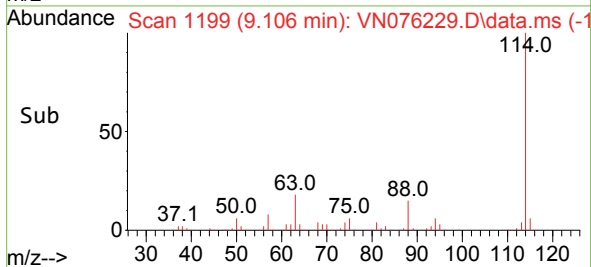
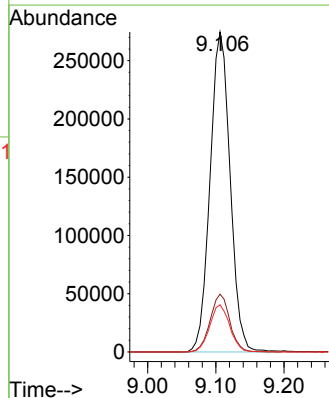
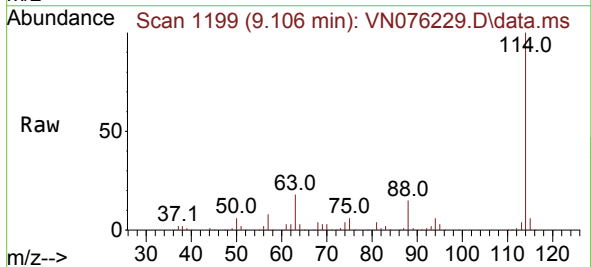
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

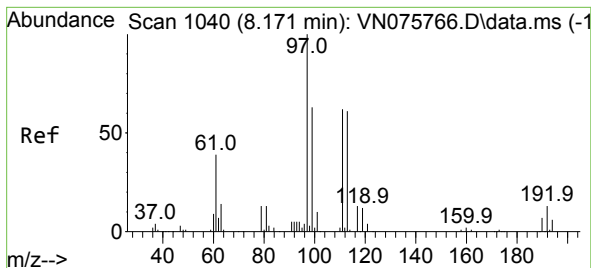
Tgt Ion: 65 Resp: 187069
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076229.D
 Acq: 12 Jan 2023 14:39

Tgt Ion:114 Resp: 562469
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.4
 88 14.7 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.551 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076229.D

Acq: 12 Jan 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

IBLK

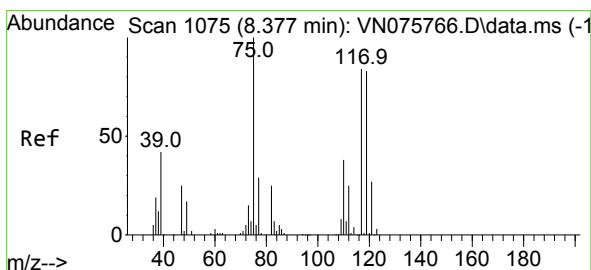
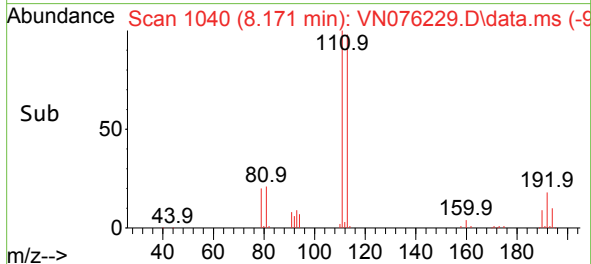
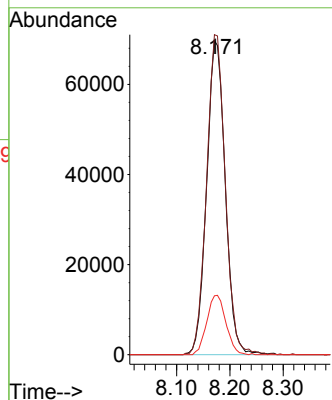
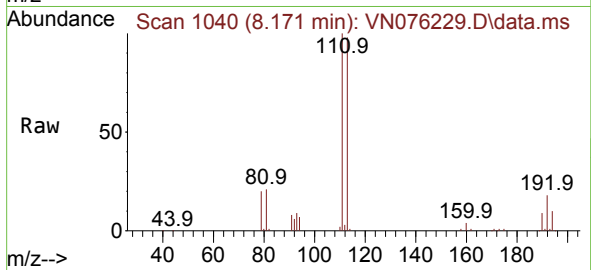
Tgt Ion:113 Resp: 169117

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

192 19.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.658 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076229.D

Acq: 12 Jan 2023 14:39

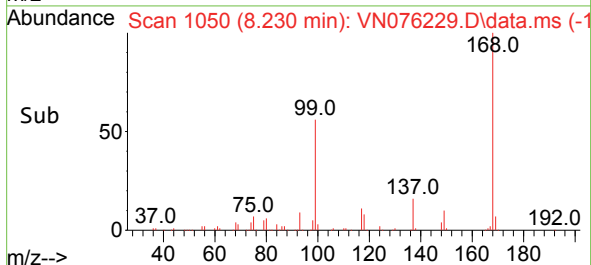
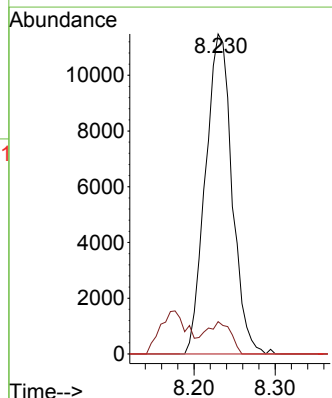
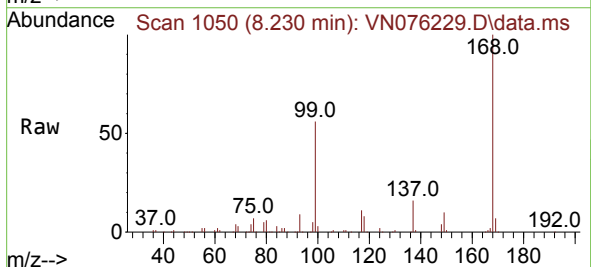
Tgt Ion: 75 Resp: 26181

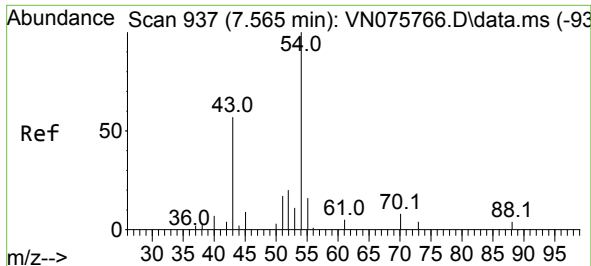
Ion Ratio Lower Upper

75 100

110 9.1 18.8 56.4#

77 0.0 24.1 36.1#

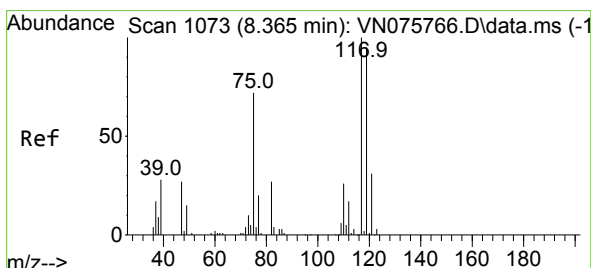
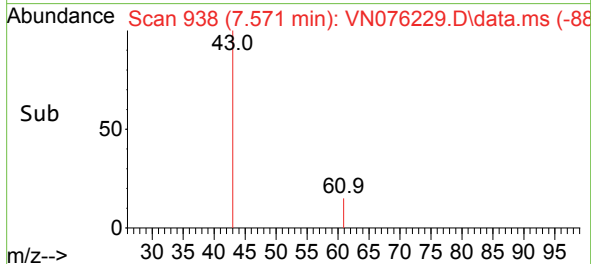
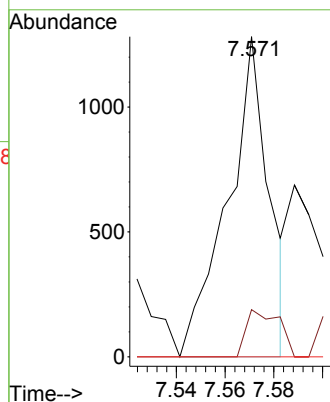
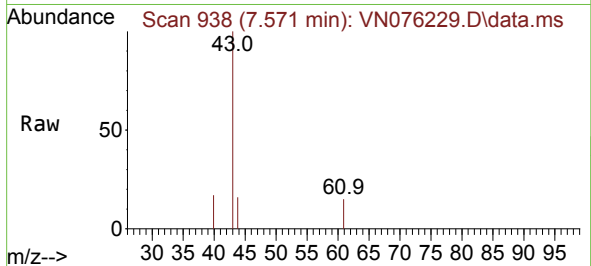




#37
Ethyl Acetate
Concen: 0.405 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076229.D
Acq: 12 Jan 2023 14:39

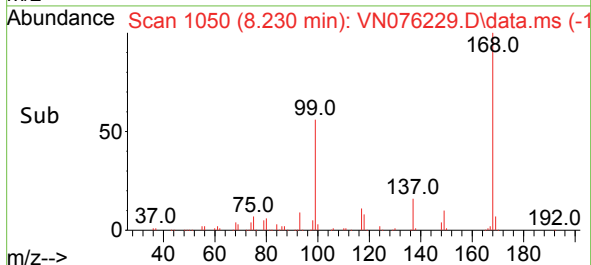
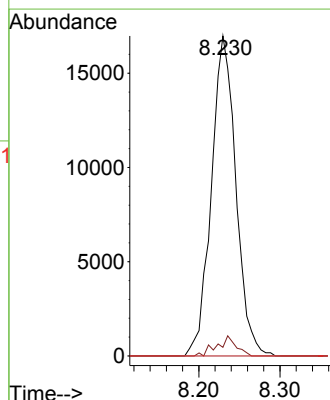
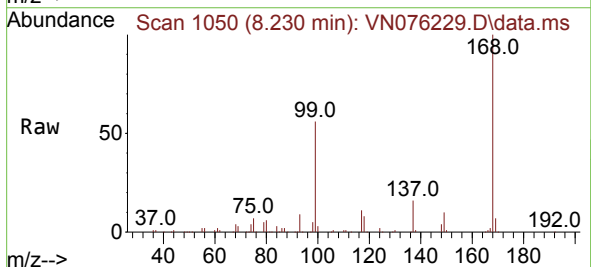
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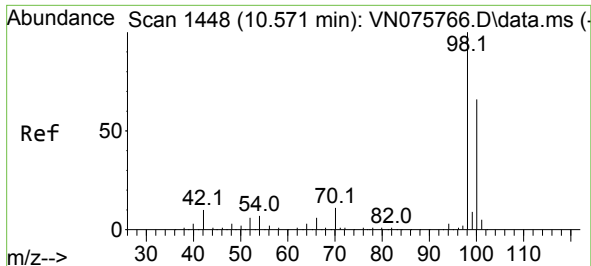
Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
61 11.8 13.0 19.4#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 6.888 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076229.D
Acq: 12 Jan 2023 14:39

Tgt Ion: 117 Resp: 35673
Ion Ratio Lower Upper
117 100
119 2.7 76.1 114.1#
121 0.0 24.5 36.7#

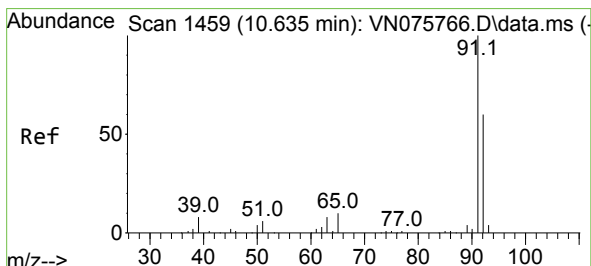
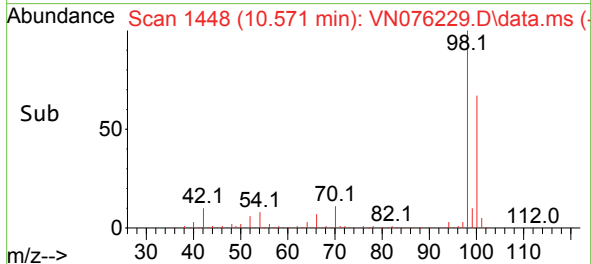
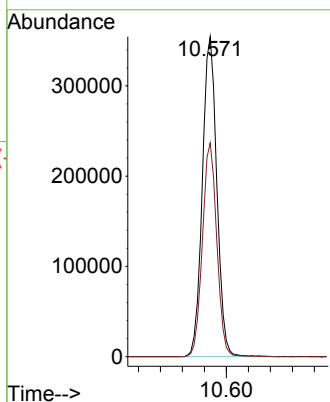
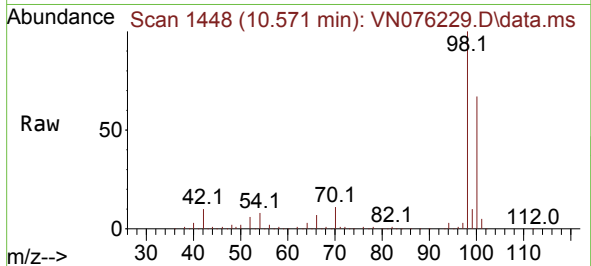




#50
Toluene-d8
Concen: 49.779 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076229.D
Acq: 12 Jan 2023 14:39

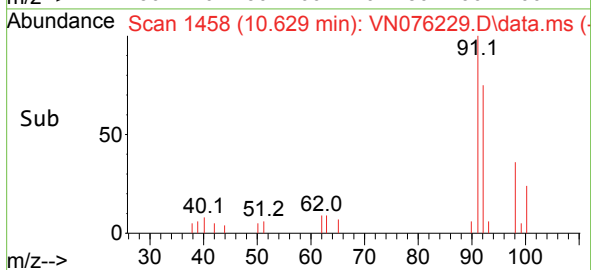
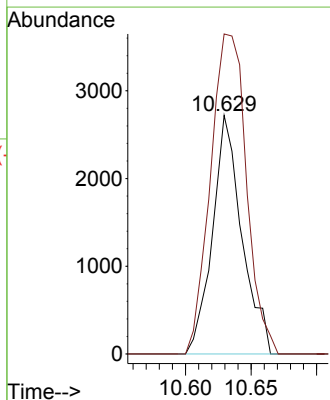
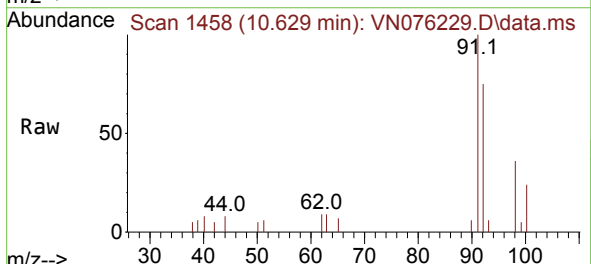
Instrument :
MSVOA_N
ClientSampleId :
IBLK

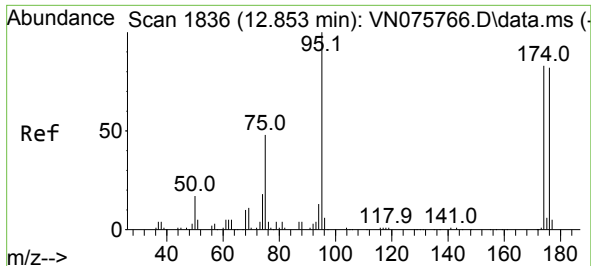
Tgt Ion: 98 Resp: 648298
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1



#52
Toluene
Concen: 0.456 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076229.D
Acq: 12 Jan 2023 14:39

Tgt Ion: 92 Resp: 4241
Ion Ratio Lower Upper
92 100
91 164.3 137.3 205.9

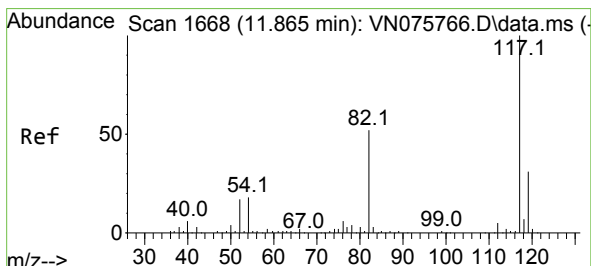
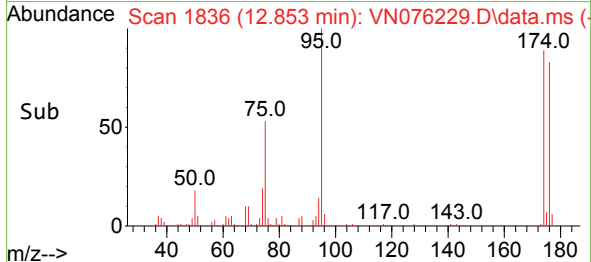
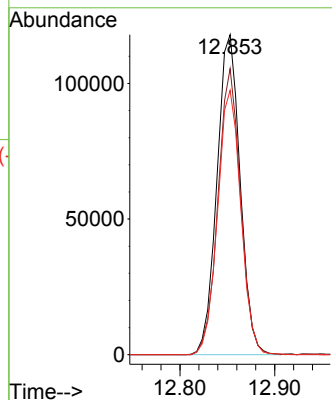
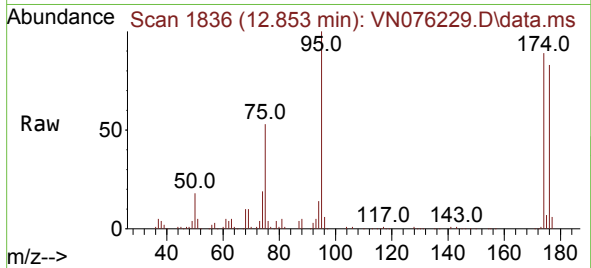




#62
4-Bromofluorobenzene
Concen: 46.478 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076229.D
Acq: 12 Jan 2023 14:39

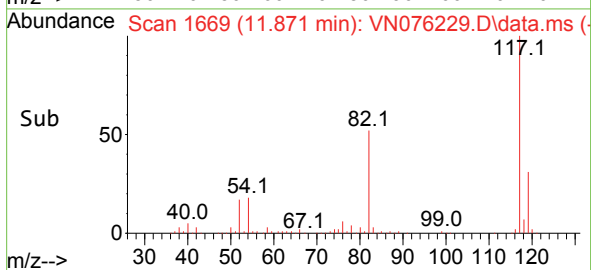
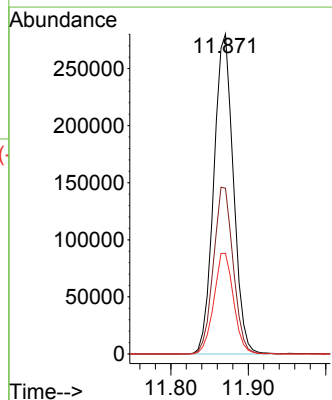
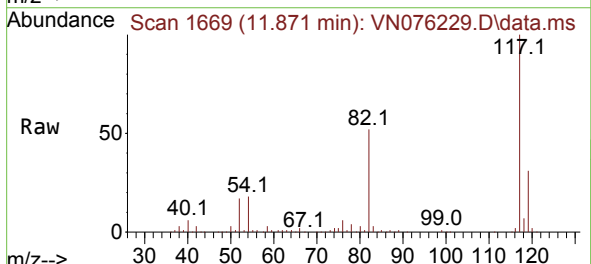
Instrument :
MSVOA_N
ClientSampleId :
IBLK

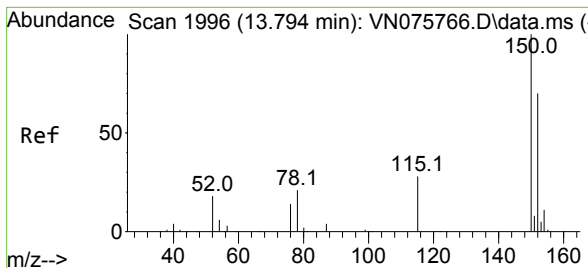
Tgt Ion: 95 Resp: 200484
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.6
176 82.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076229.D
Acq: 12 Jan 2023 14:39

Tgt Ion: 117 Resp: 493295
Ion Ratio Lower Upper
117 100
82 51.8 41.3 61.9
119 31.4 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076229.D

Acq: 12 Jan 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

IBLK

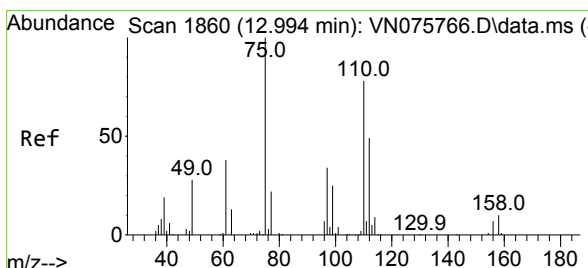
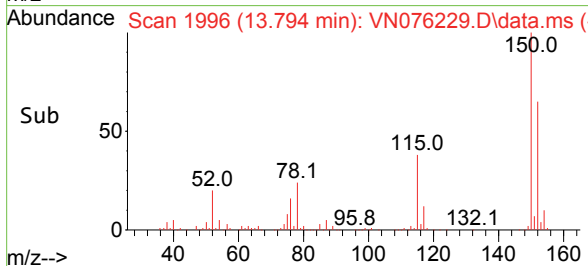
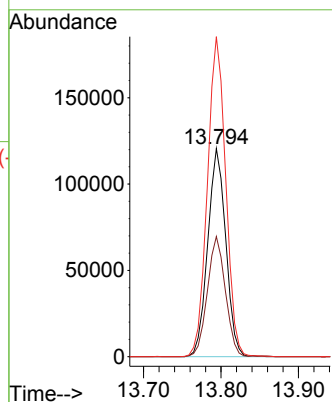
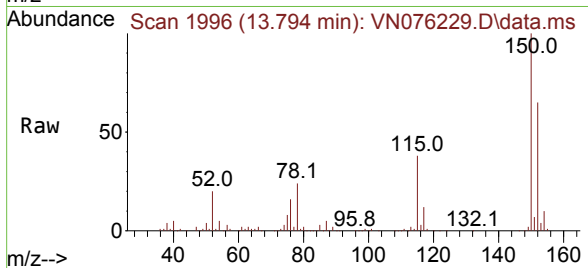
Tgt Ion:152 Resp: 195194

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.4

150 155.8 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 26.533 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076229.D

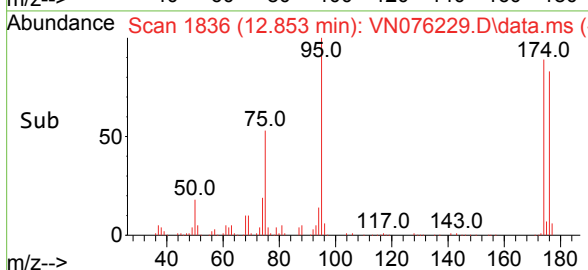
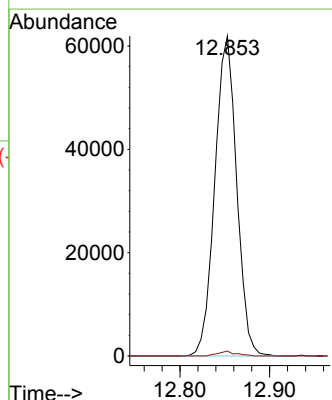
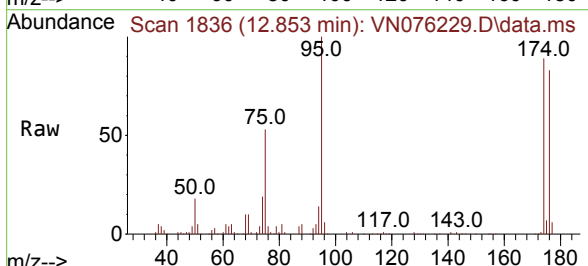
Acq: 12 Jan 2023 14:39

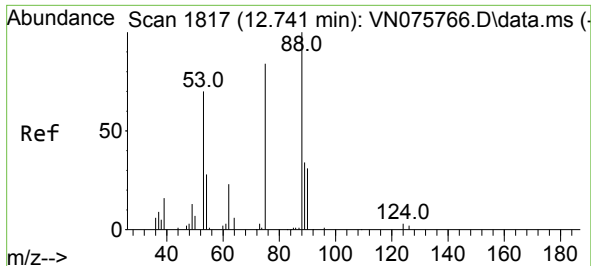
Tgt Ion: 75 Resp: 104397

Ion Ratio Lower Upper

75 100

77 1.2 82.6 247.8#

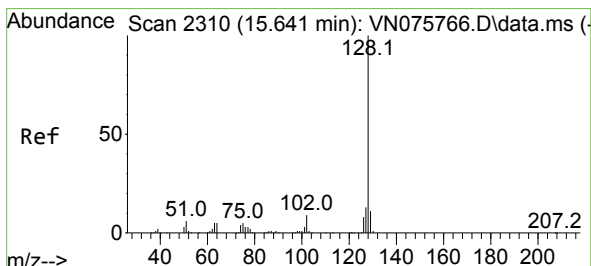
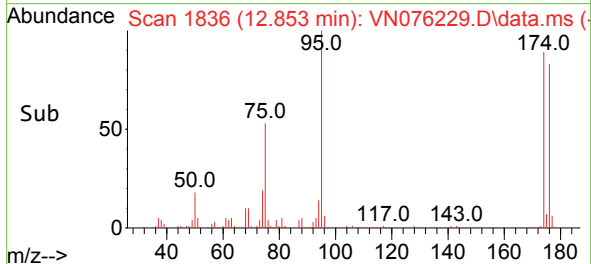
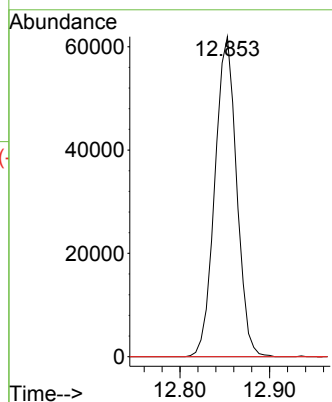
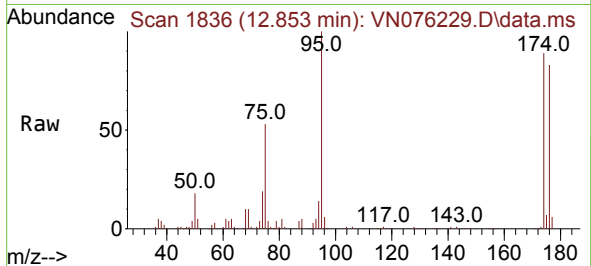




#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.505 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.112 min
 Lab File: VN076229.D
 Acq: 12 Jan 2023 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 104397
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.8 110.6#
 89 0.0 39.5 59.3#



#95
 Naphthalene
 Concen: 2.255 ug/l
 RT: 15.653 min Scan# 2312
 Delta R.T. 0.012 min
 Lab File: VN076229.D
 Acq: 12 Jan 2023 14:39

Tgt Ion:128 Resp: 862
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 0.0 8.7 13.1#

