

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077303.D
 Acq On : 11 Apr 2023 16:37
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 12 04:42:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

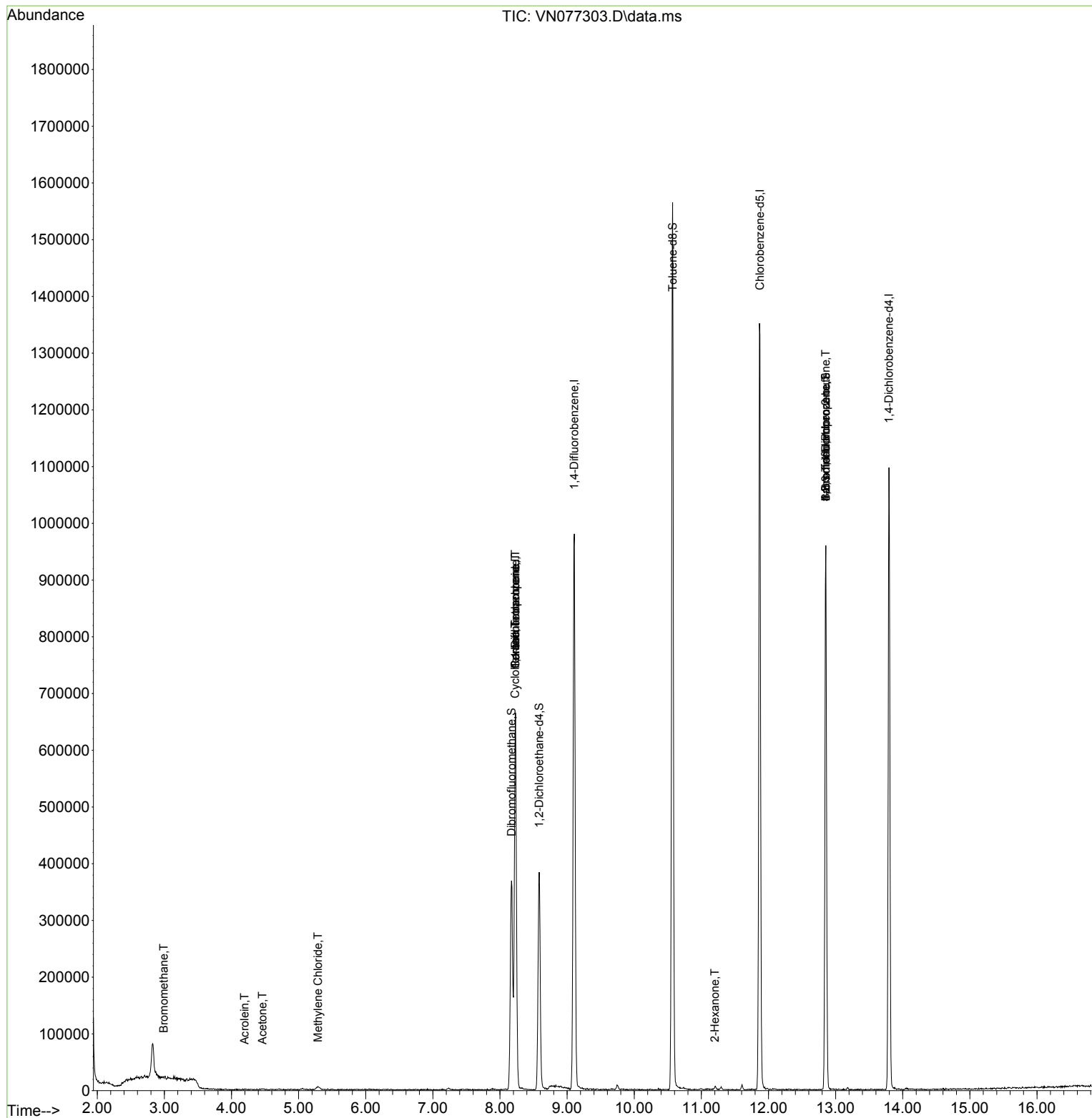
Internal Standards						
1) Pentafluorobenzene	8.230	168	469006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	905476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	809910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	290360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	293231	45.745	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.500%		
35) Dibromofluoromethane	8.172	113	269800	46.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.080%		
50) Toluene-d8	10.572	98	1120675	48.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.060%		
62) 4-Bromofluorobenzene	12.854	95	334146	43.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.100%		
Target Compounds						Qvalue
5) Bromomethane	2.990	94	2593	0.356	ug/l #	55
13) Acrolein	4.195	56	382	0.308	ug/l #	45
16) Acetone	4.460	43	2465	1.043	ug/l #	78
20) Methylene Chloride	5.290	84	3686	0.552	ug/l #	93
31) Cyclohexane	8.225	56	12141	1.219	ug/l #	31
36) 1,1-Dichloropropene	8.230	75	41632	4.856	ug/l #	48
38) Carbon Tetrachloride	8.230	117	50061	5.699	ug/l #	15
59) 2-Hexanone	11.201	43	2471	0.405	ug/l #	45
71) Bromoform	12.854	173	1716	0.361	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	180630	26.124	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	180630	58.788	ug/l #	13

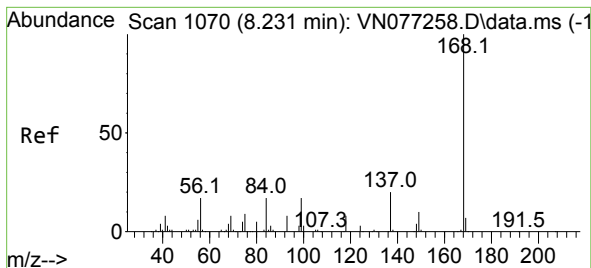
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN077303.D

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Instrument :

MSVOA_N

ClientSampleId :

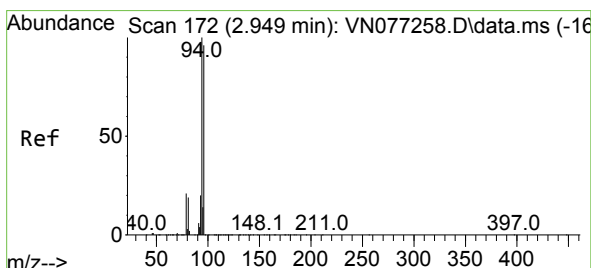
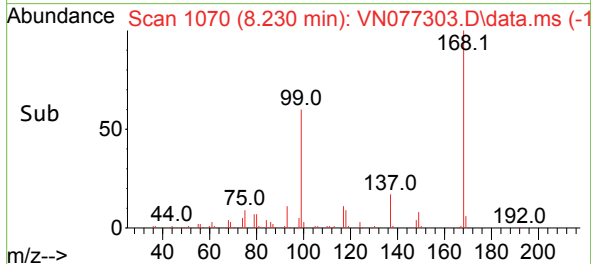
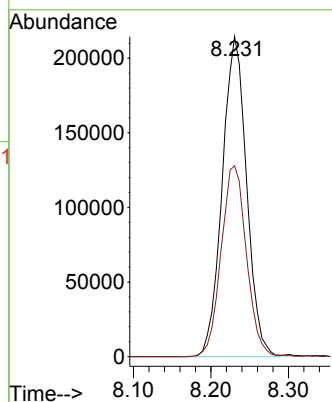
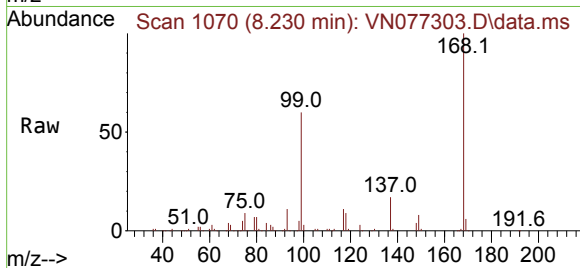
IBLK

Tgt Ion:168 Resp: 469006

Ion Ratio Lower Upper

168 100

99 59.6 50.6 75.8



#5

Bromomethane

Concen: 0.356 ug/l

RT: 2.990 min Scan# 179

Delta R.T. 0.041 min

Lab File: VN077303.D

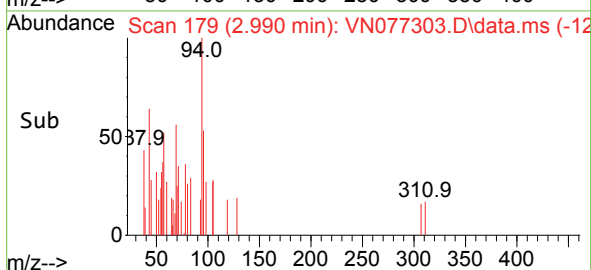
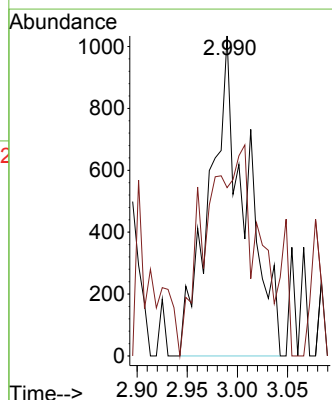
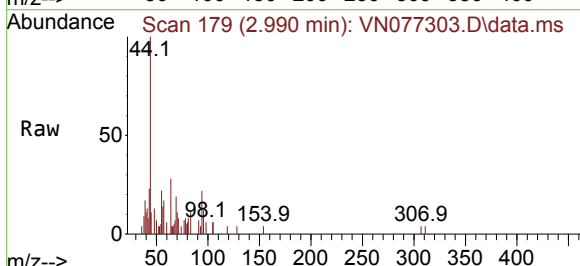
Acq: 11 Apr 2023 16:37

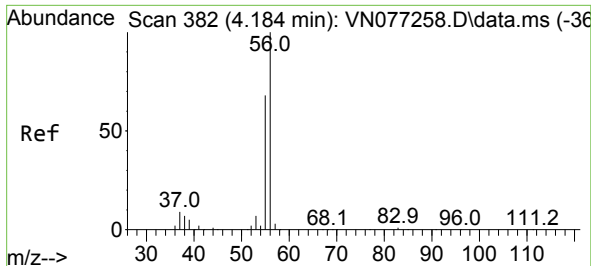
Tgt Ion: 94 Resp: 2593

Ion Ratio Lower Upper

94 100

96 52.6 77.0 115.4#

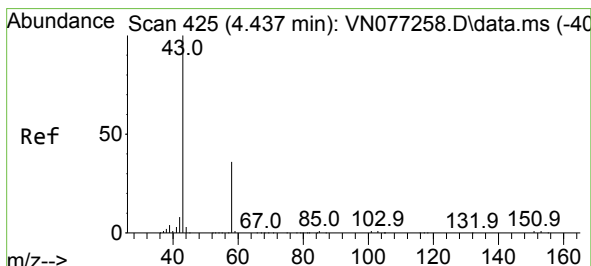
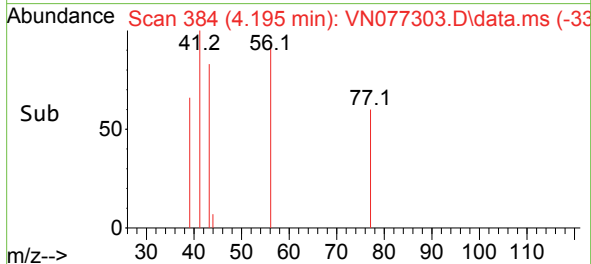
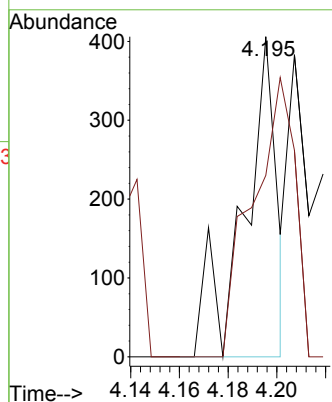
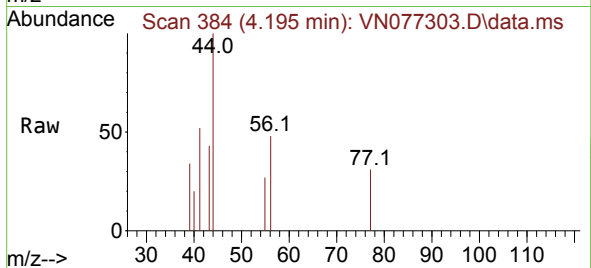




#13
Acrolein
Concen: 0.308 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN077303.D
Acq: 11 Apr 2023 16:37

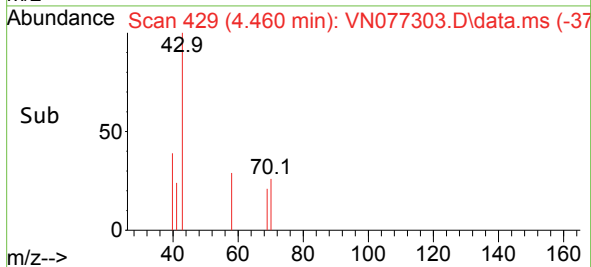
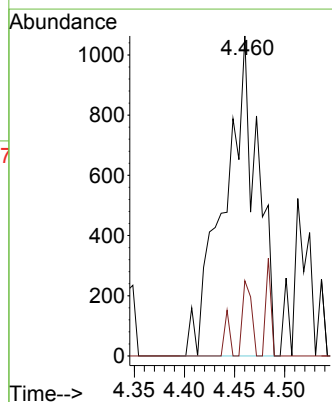
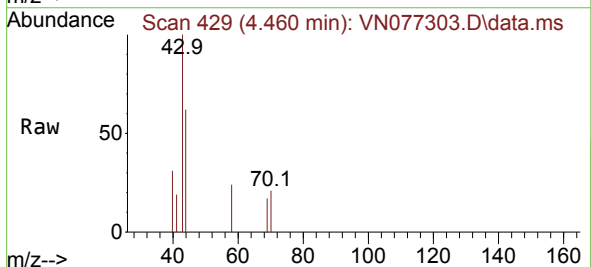
Instrument :
MSVOA_N
ClientSampleId :
IBLK

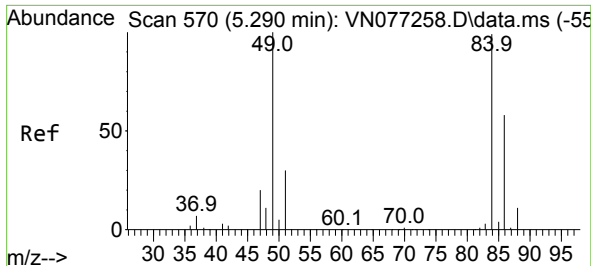
Tgt Ion: 56 Resp: 382
Ion Ratio Lower Upper
56 100
55 112.0 54.2 81.2#



#16
Acetone
Concen: 1.043 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN077303.D
Acq: 11 Apr 2023 16:37

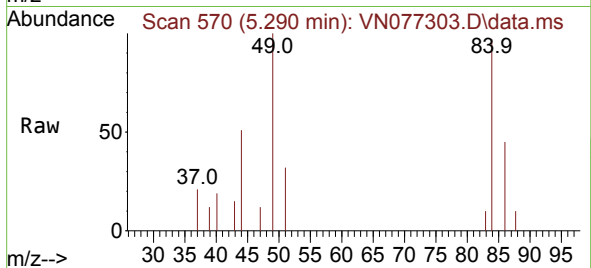
Tgt Ion: 43 Resp: 2465
Ion Ratio Lower Upper
43 100
58 23.5 29.0 43.6#



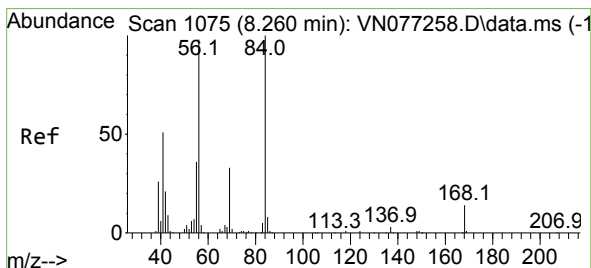
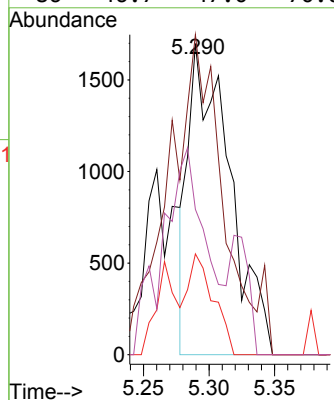


#20
Methylene Chloride
Concen: 0.552 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077303.D
Acq: 11 Apr 2023 16:37

Instrument :
MSVOA_N
ClientSampleId :
IBLK

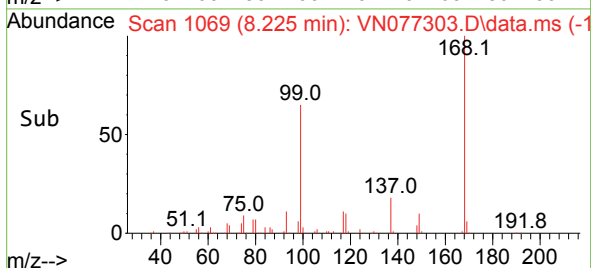
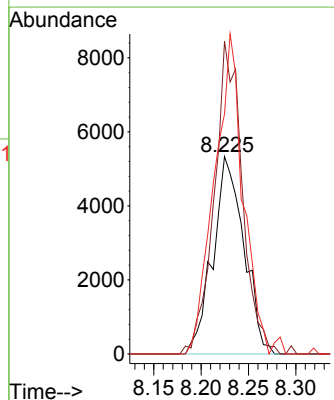
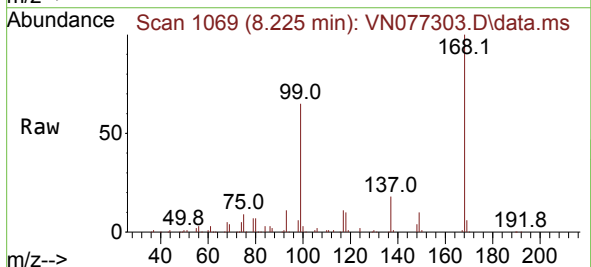


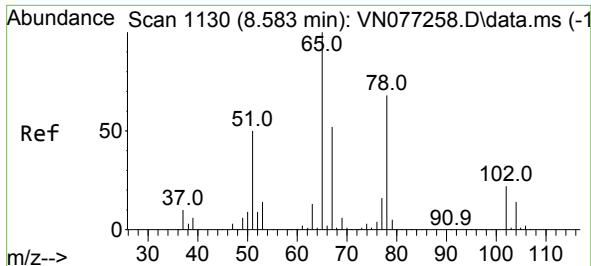
Tgt Ion:	84	Resp:	3686
Ion	Ratio	Lower	Upper
84	100		
49	102.9	80.6	121.0
51	32.4	24.4	36.6
86	46.7	47.0	70.6



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN077303.D
Acq: 11 Apr 2023 16:37

Tgt Ion:	56	Resp:	12141
Ion	Ratio	Lower	Upper
56	100		
69	158.4	26.6	40.0
84	121.7	81.8	122.8





#33

1,2-Dichloroethane-d4

Concen: 45.745 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077303.D

Acq: 11 Apr 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

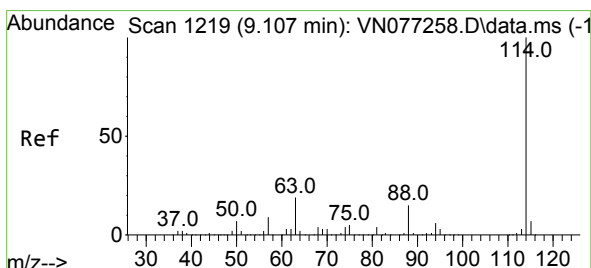
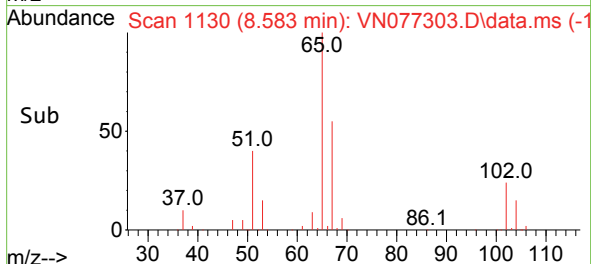
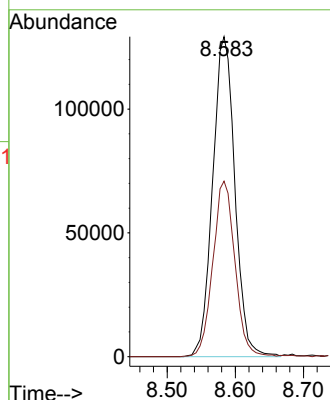
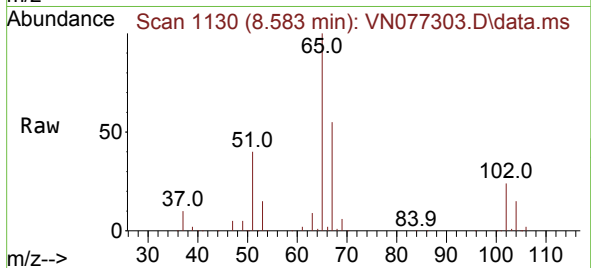
IBLK

Tgt Ion: 65 Resp: 293231

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077303.D

Acq: 11 Apr 2023 16:37

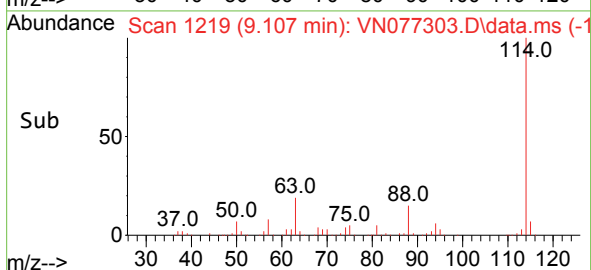
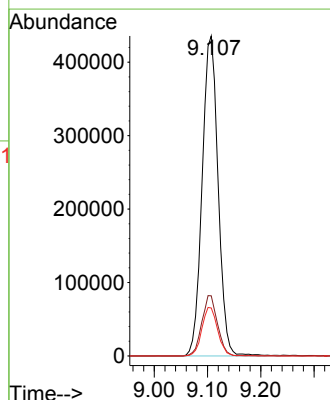
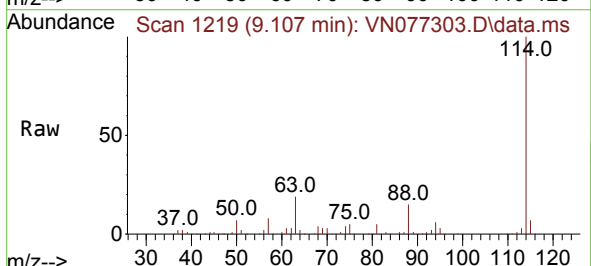
Tgt Ion: 114 Resp: 905476

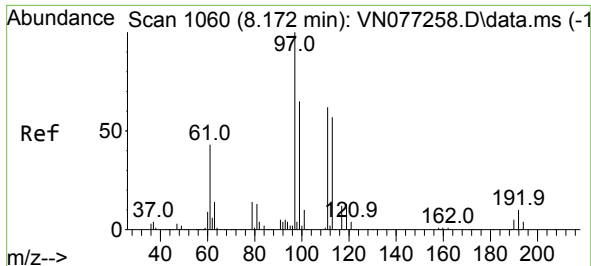
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

88 15.0 0.0 29.4

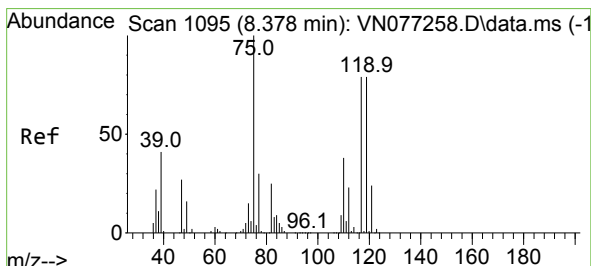
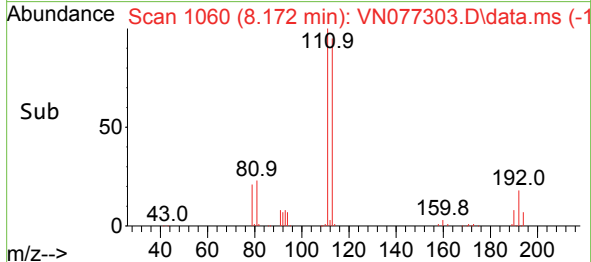
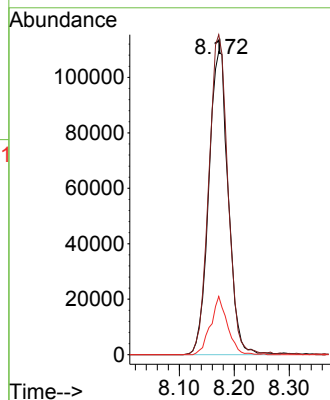
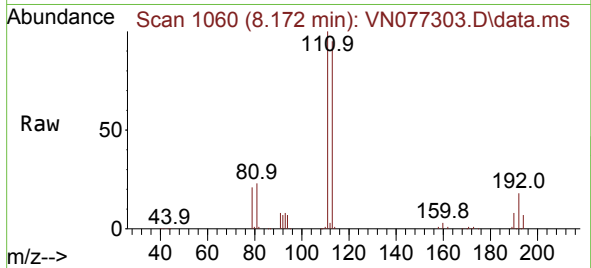




#35
Dibromofluoromethane
Concen: 46.545 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077303.D
Acq: 11 Apr 2023 16:37

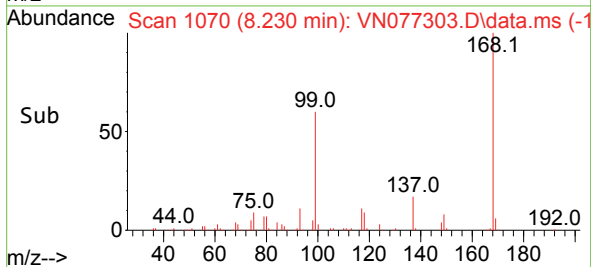
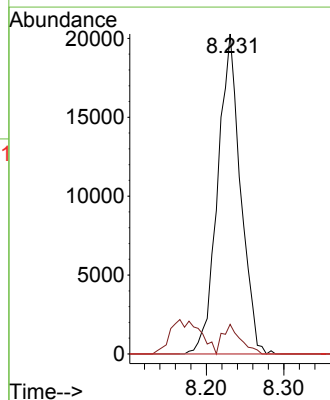
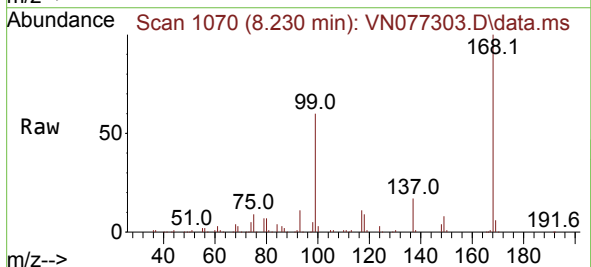
Instrument :
MSVOA_N
ClientSampleId :
IBLK

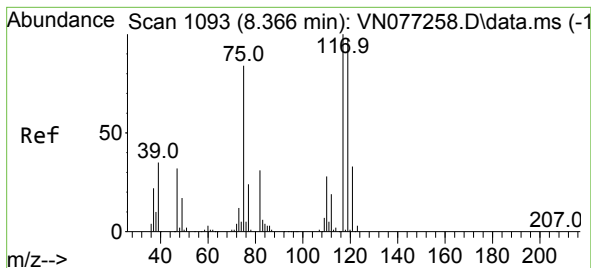
Tgt Ion:113 Resp: 269800
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.0
192 16.5 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.856 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.148 min
Lab File: VN077303.D
Acq: 11 Apr 2023 16:37

Tgt Ion: 75 Resp: 41632
Ion Ratio Lower Upper
75 100
110 7.3 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.699 ug/l

RT: 8.230 min Scan# 1093

Delta R.T. -0.136 min

Lab File: VN077303.D

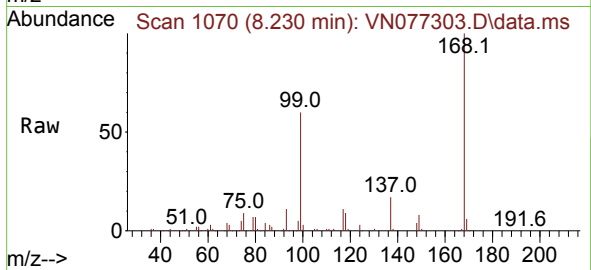
Acq: 11 Apr 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

IBLK



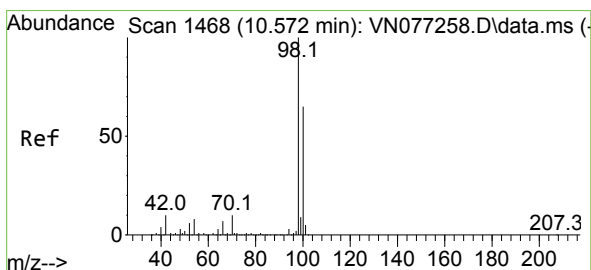
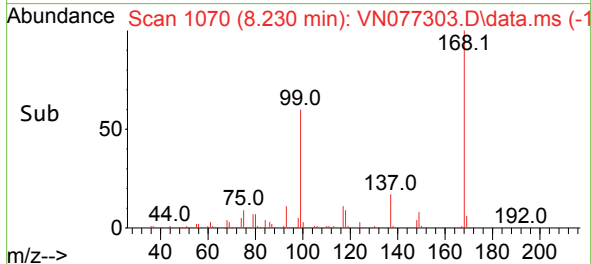
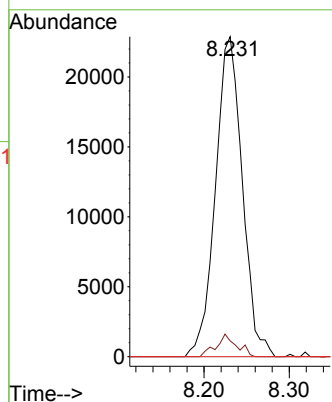
Tgt Ion:117 Resp: 50061

Ion Ratio Lower Upper

117 100

119 5.0 78.5 117.7#

121 0.0 26.6 40.0#



#50

Toluene-d8

Concen: 48.025 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077303.D

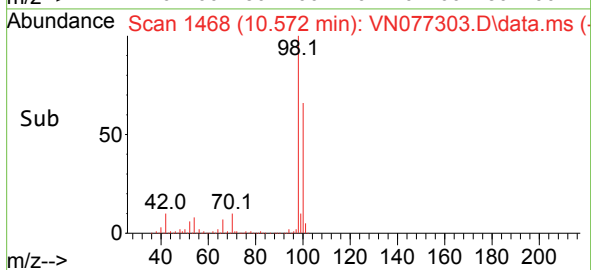
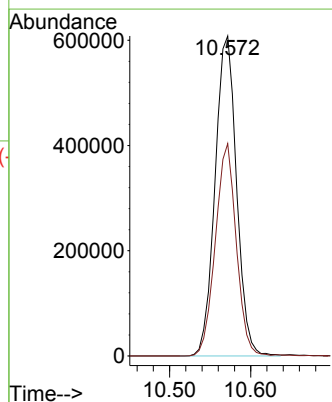
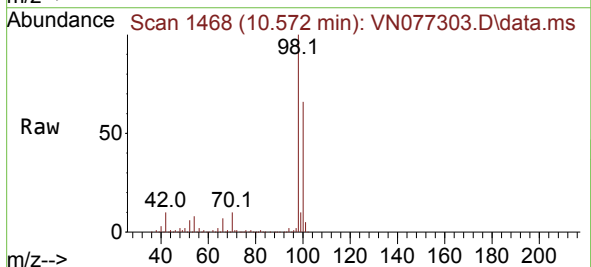
Acq: 11 Apr 2023 16:37

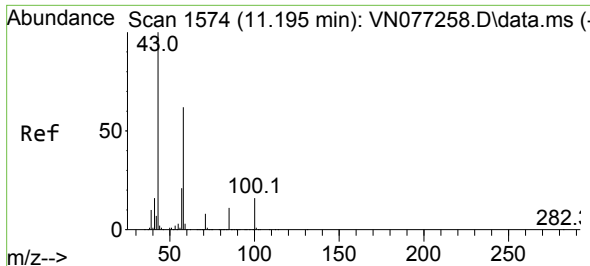
Tgt Ion: 98 Resp: 1120675

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9

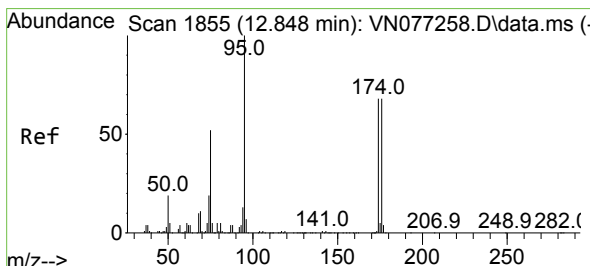
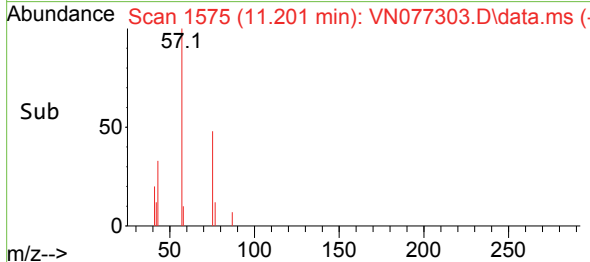
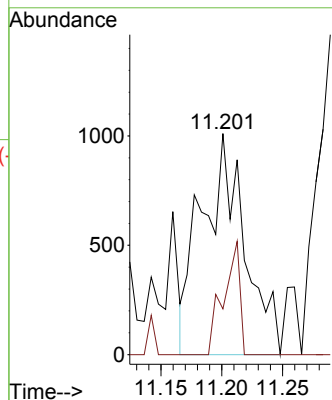
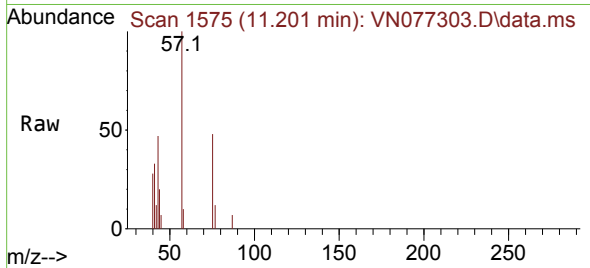




#59
2-Hexanone
Concen: 0.405 ug/l
RT: 11.201 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN077303.D
Acq: 11 Apr 2023 16:37

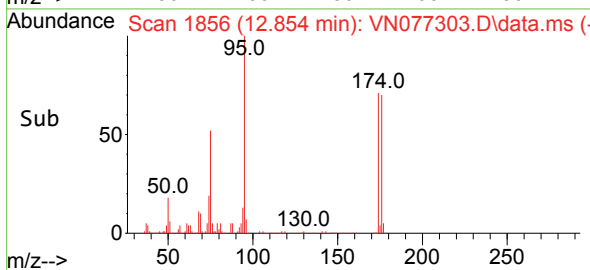
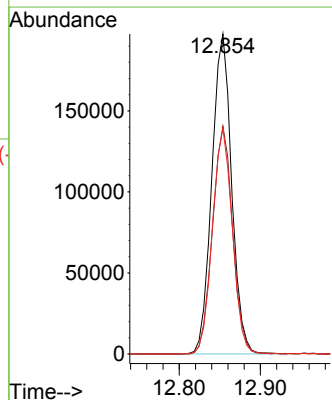
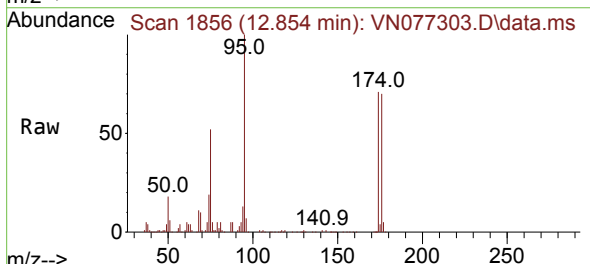
Instrument :
MSVOA_N
ClientSampleId :
IBLK

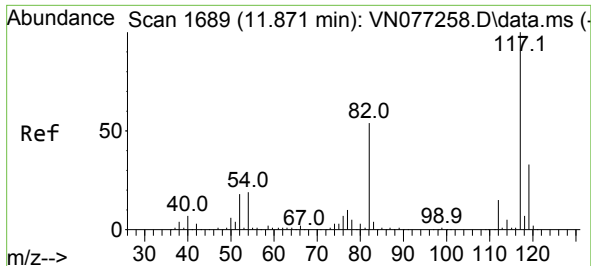
Tgt Ion: 43 Resp: 2471
Ion Ratio Lower Upper
43 100
58 19.5 30.9 92.5#



#62
4-Bromofluorobenzene
Concen: 43.055 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077303.D
Acq: 11 Apr 2023 16:37

Tgt Ion: 95 Resp: 334146
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.8
176 70.9 0.0 139.6

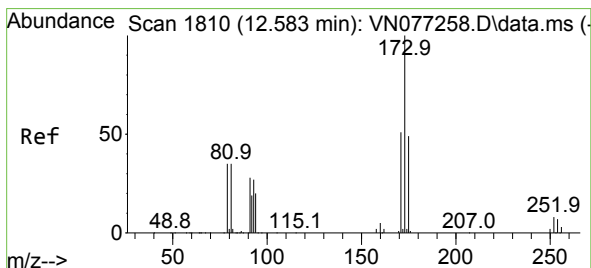
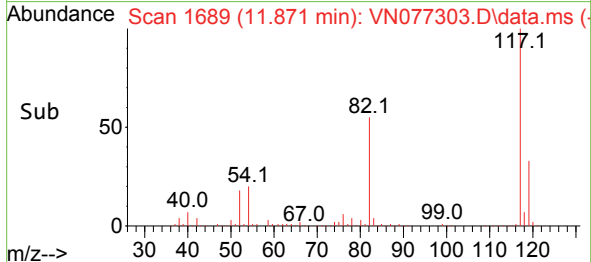
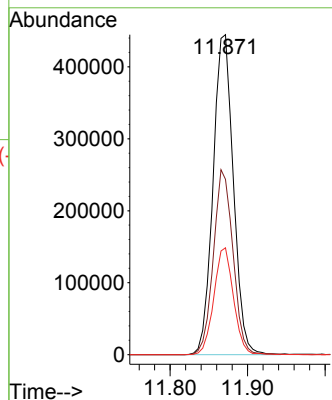
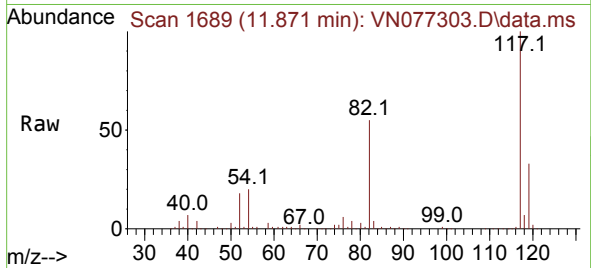




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077303.D
Acq: 11 Apr 2023 16:37

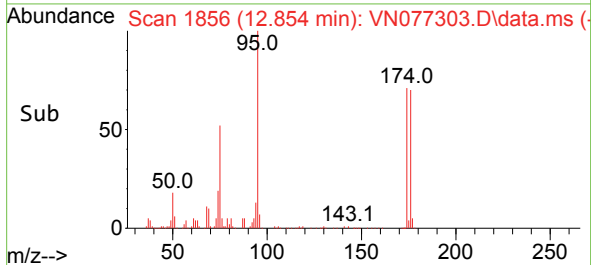
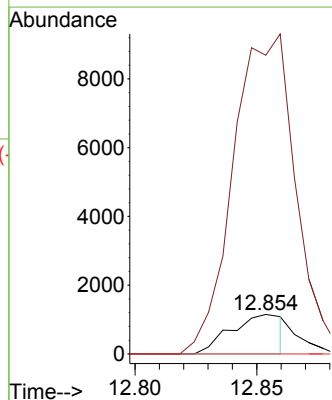
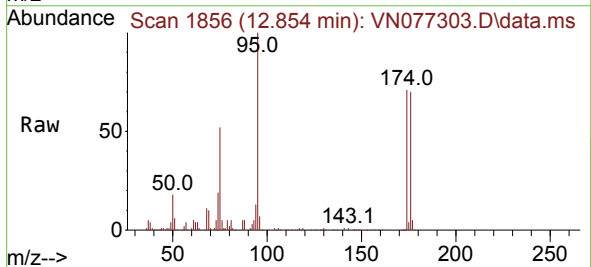
Instrument :
MSVOA_N
ClientSampleId :
IBLK

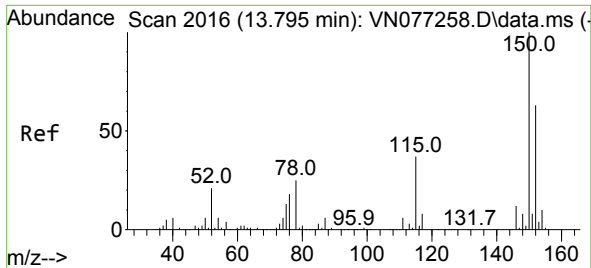
Tgt Ion:117 Resp: 809910
Ion Ratio Lower Upper
117 100
82 54.8 42.9 64.3
119 33.4 26.2 39.4



#71
Bromoform
Concen: 0.361 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.271 min
Lab File: VN077303.D
Acq: 11 Apr 2023 16:37

Tgt Ion:173 Resp: 1716
Ion Ratio Lower Upper
173 100
175 591.3 24.1 72.4#
254 0.0 0.1 0.1#

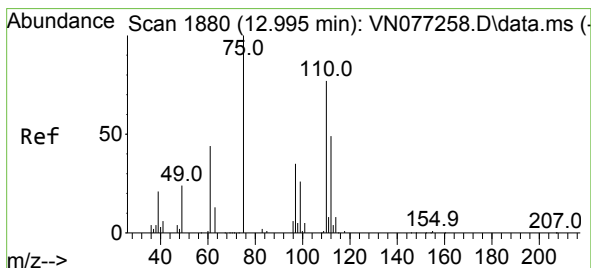
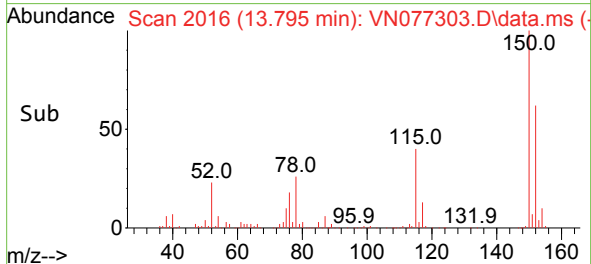
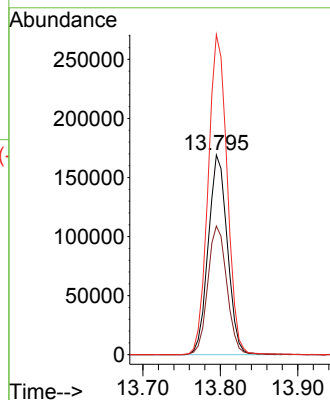
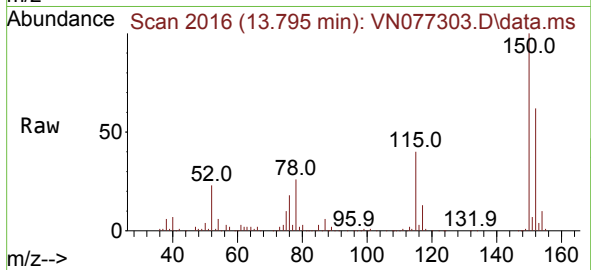




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN077303.D
 Acq: 11 Apr 2023 16:37

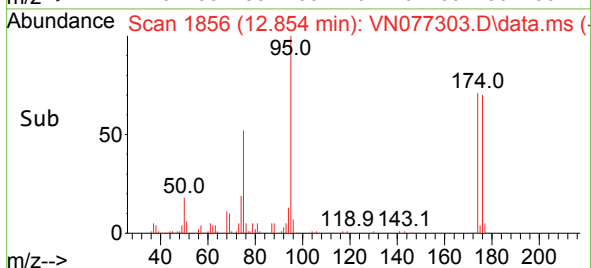
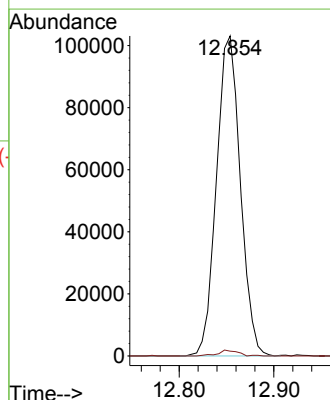
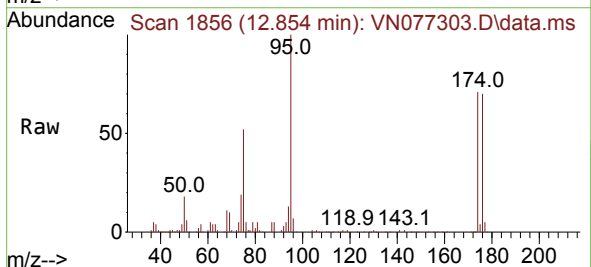
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

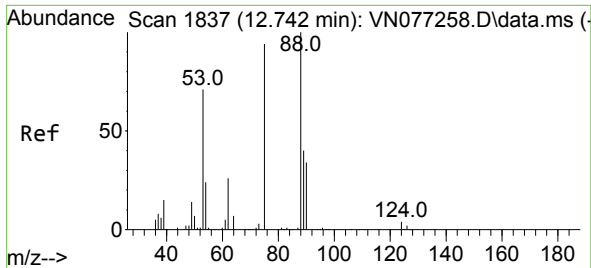
Tgt Ion:152 Resp: 290360
 Ion Ratio Lower Upper
 152 100
 115 64.4 32.1 96.3
 150 159.8 0.0 354.8



#76
 1,2,3-Trichloropropane
 Concen: 26.124 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN077303.D
 Acq: 11 Apr 2023 16:37

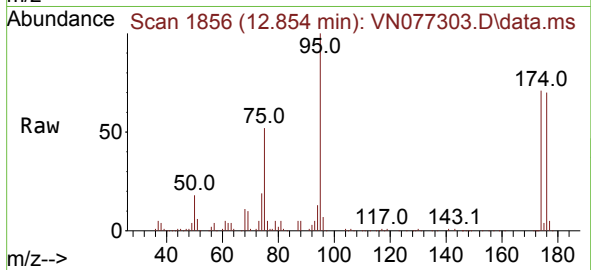
Tgt Ion: 75 Resp: 180630
 Ion Ratio Lower Upper
 75 100
 77 1.6 88.3 264.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.788 ug/l
 RT: 12.854 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN077303.D
 Acq: 11 Apr 2023 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 180630
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.1 37.4 56.2#

