

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075657.D
 Acq On : 08 Dec 2022 19:20
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 09 02:30:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

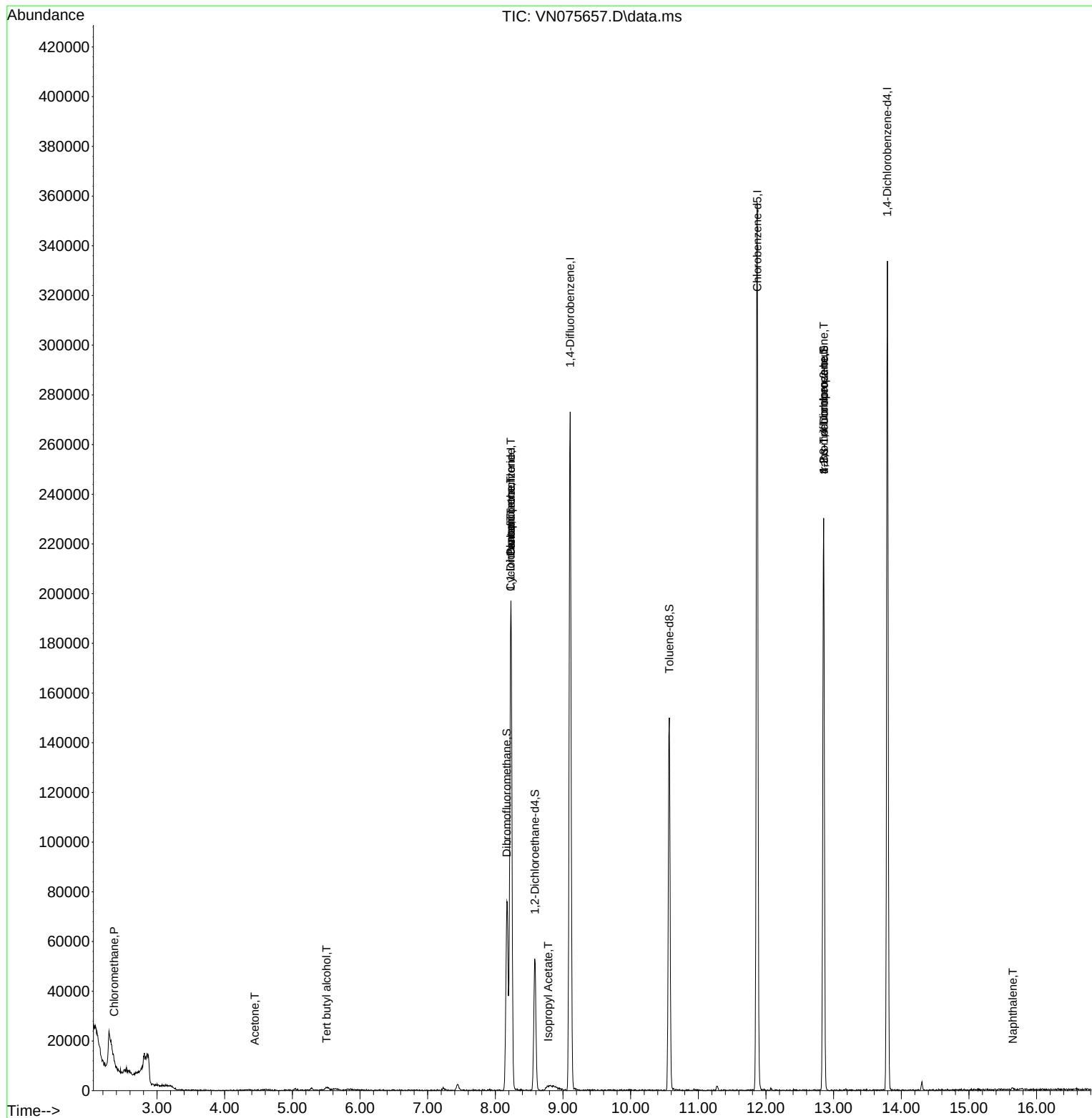
Internal Standards						
1) Pentafluorobenzene	8.230	168	156330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	221381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43468	51.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.600%	
35) Dibromofluoromethane	8.171	113	56052	56.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.260%	
50) Toluene-d8	10.571	98	109614	48.735	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.853	95	75763	45.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	301	0.202	ug/l #	42
11) Tert butyl alcohol	5.506	59	978	2.776	ug/l #	72
16) Acetone	4.448	43	213	0.272	ug/l #	43
18) Methyl Acetate	5.042	43	1315	Below Cal	#	56
20) Methylene Chloride	5.289	84	434	Below Cal	#	54
31) Cyclohexane	8.224	56	3010	1.129	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10981	5.042	ug/l #	48
38) Carbon Tetrachloride	8.230	117	15150	6.333	ug/l #	17
43) Isopropyl Acetate	8.783	43	1663	0.528	ug/l #	53
76) 1,2,3-Trichloropropane	12.853	75	38617	21.542	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	38617	63.738	ug/l #	10
95) Naphthalene	15.647	128	1236	0.243	ug/l #	69

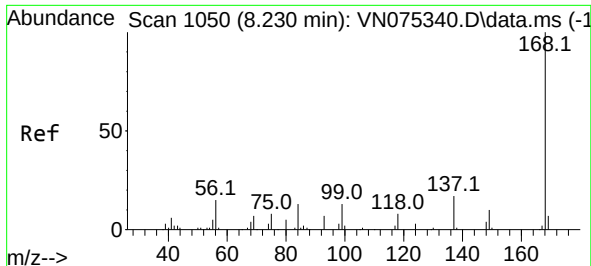
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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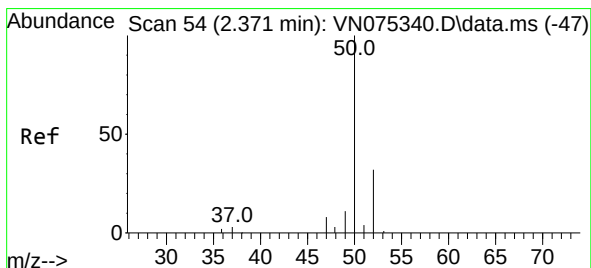
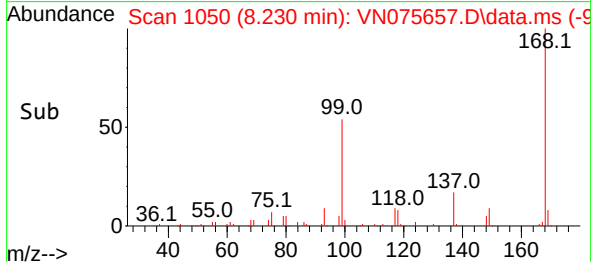
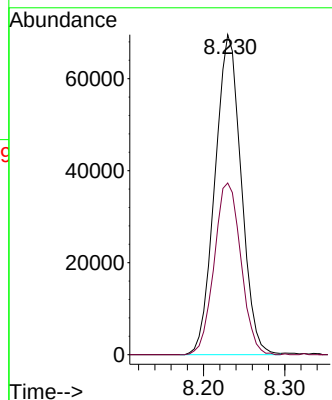
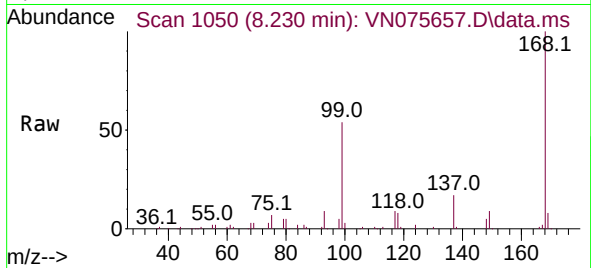




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075657.D
Acq: 08 Dec 2022 19:20

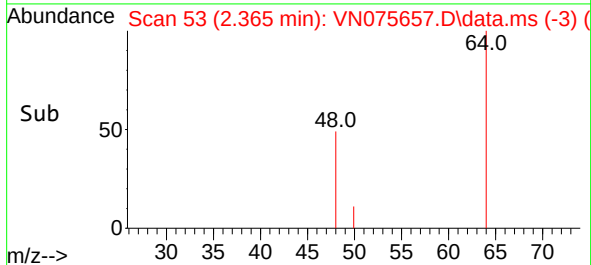
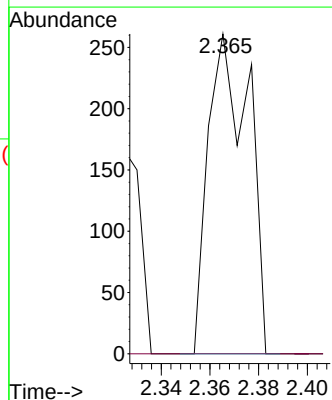
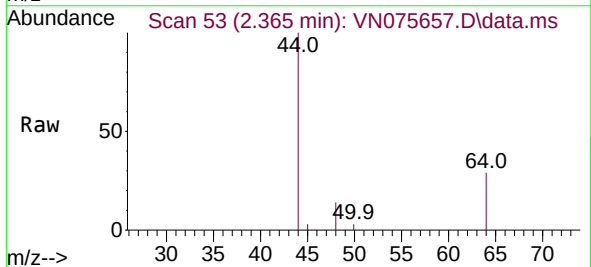
Instrument :
MSVOA_N
ClientSampleId :
IBLK

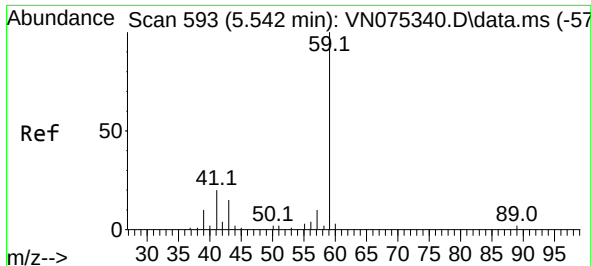
Tgt Ion:168 Resp: 156330
Ion Ratio Lower Upper
168 100
99 53.7 51.6 77.4



#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.365 min Scan# 53
Delta R.T. -0.006 min
Lab File: VN075657.D
Acq: 08 Dec 2022 19:20

Tgt Ion: 50 Resp: 301
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#

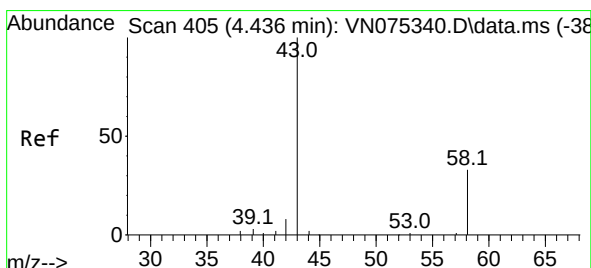
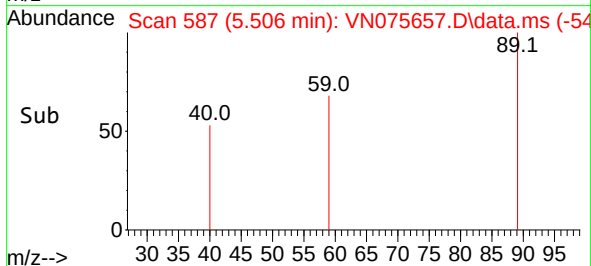
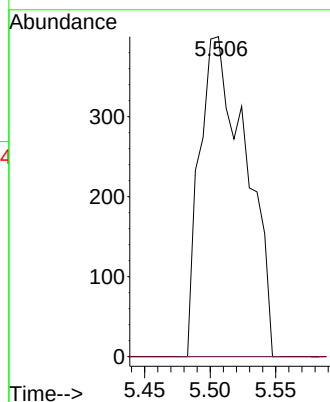
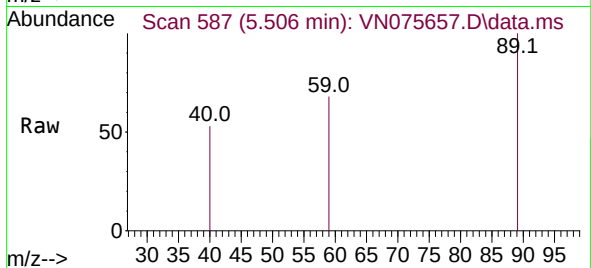




#11
Tert butyl alcohol
Concen: 2.776 ug/l
RT: 5.506 min Scan# 51
Delta R.T. -0.036 min
Lab File: VN075657.D
Acq: 08 Dec 2022 19:20

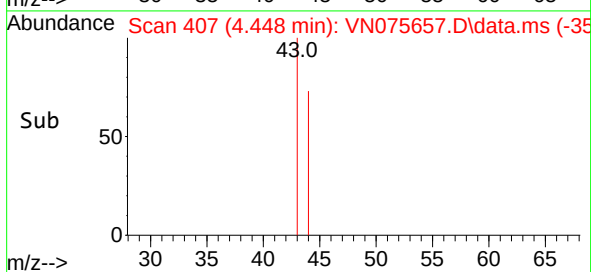
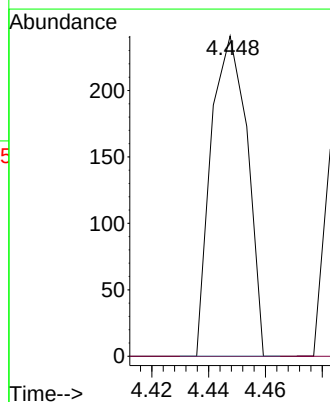
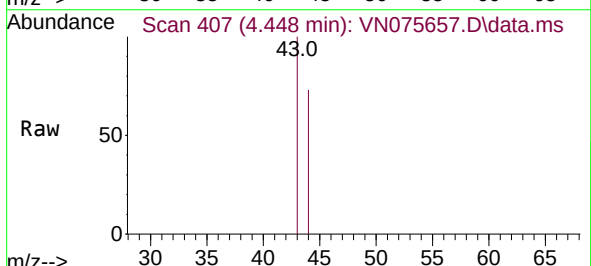
Instrument :
MSVOA_N
ClientSampleId :
IBLK

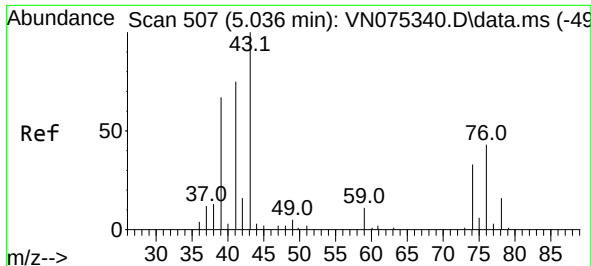
Tgt Ion: 59 Resp: 978
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 0.272 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN075657.D
Acq: 08 Dec 2022 19:20

Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

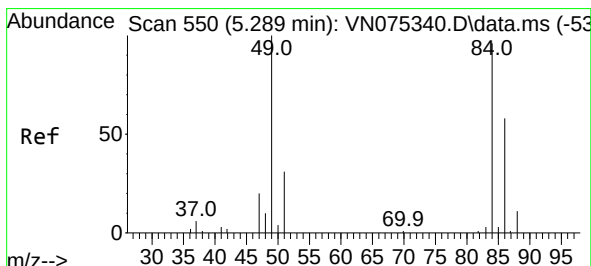
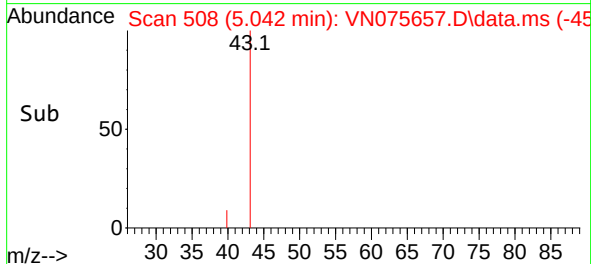
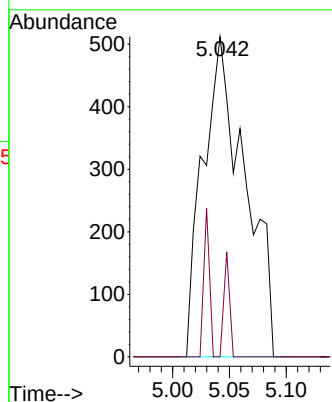
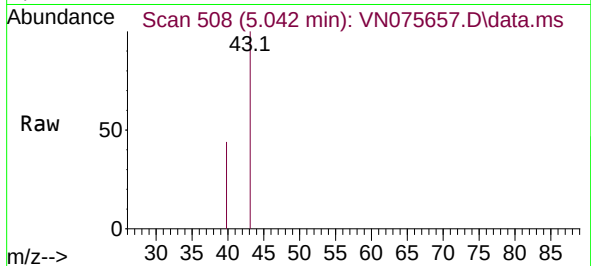




#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN075657.D
Acq: 08 Dec 2022 19:20

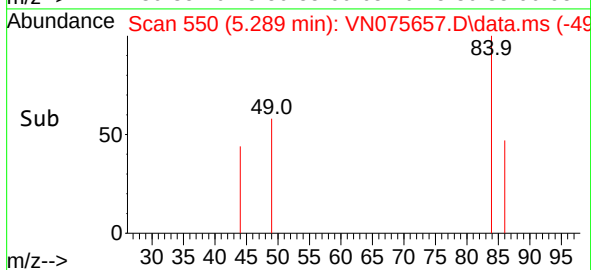
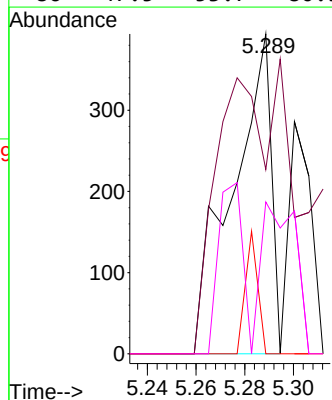
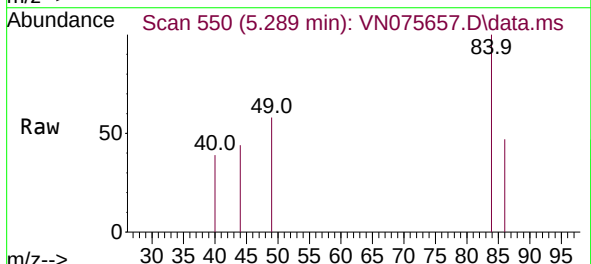
Instrument :
MSVOA_N
ClientSampleId :
IBLK

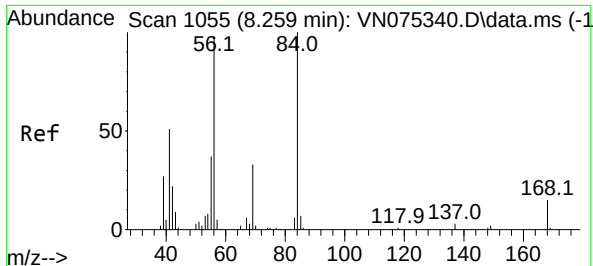
Tgt Ion: 43 Resp: 1315
Ion Ratio Lower Upper
43 100
74 4.5 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075657.D
Acq: 08 Dec 2022 19:20

Tgt Ion: 84 Resp: 434
Ion Ratio Lower Upper
84 100
49 57.6 94.9 142.3#
51 0.0 26.8 40.2#
86 47.5 53.7 80.5#





#31

Cyclohexane

Concen: 1.129 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.035 min

Lab File: VN075657.D

Acq: 08 Dec 2022 19:20

Instrument :

MSVOA_N

ClientSampleId :

IBLK

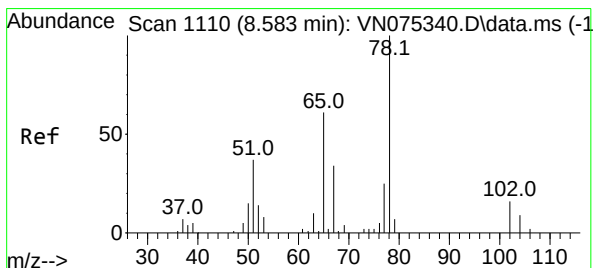
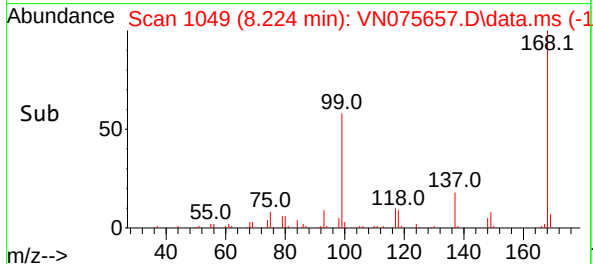
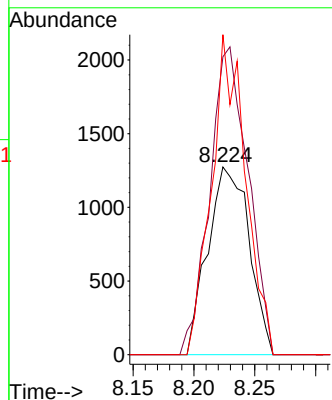
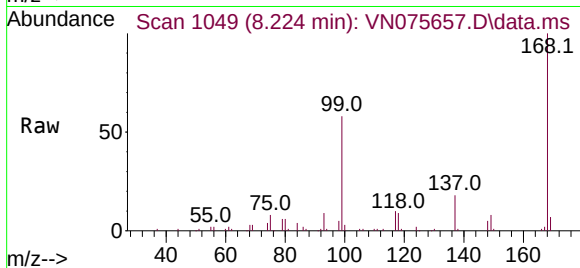
Tgt Ion: 56 Resp: 3010

Ion Ratio Lower Upper

56 100

69 158.7 25.2 37.8#

84 170.5 77.8 116.8#



#33

1,2-Dichloroethane-d4

Concen: 51.800 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075657.D

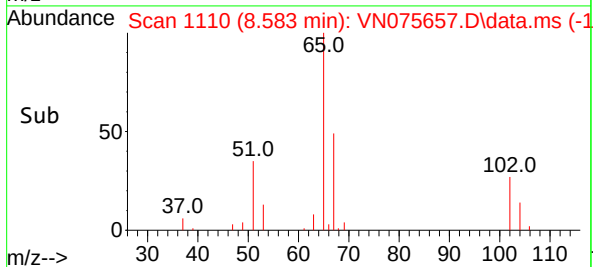
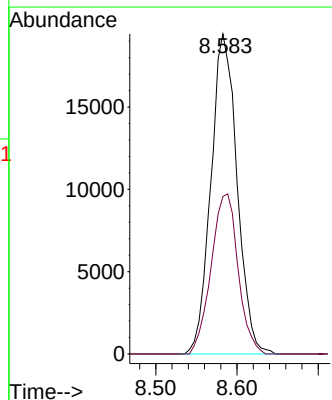
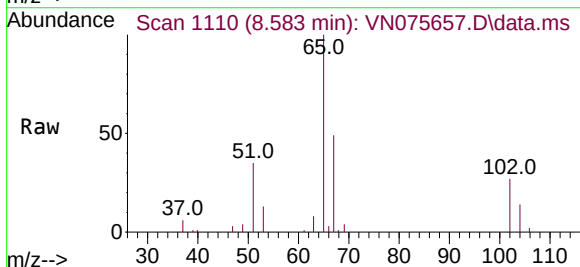
Acq: 08 Dec 2022 19:20

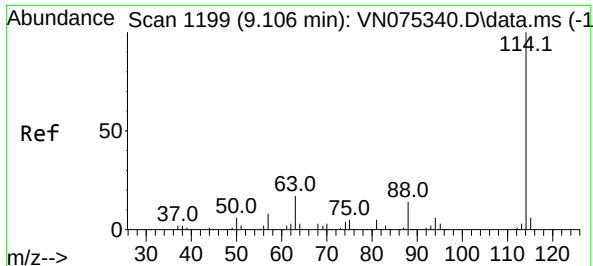
Tgt Ion: 65 Resp: 43468

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075657.D

Acq: 08 Dec 2022 19:20

Instrument :

MSVOA_N

ClientSampleId :

IBLK

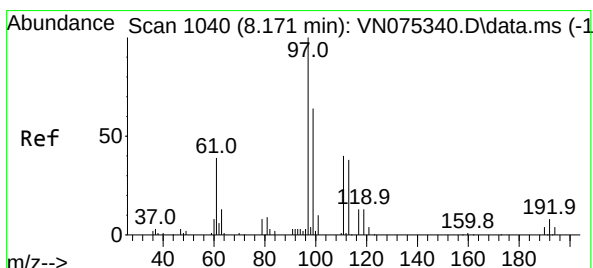
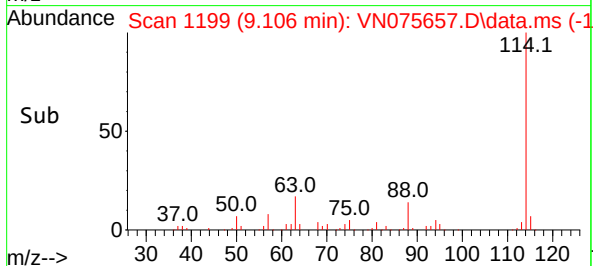
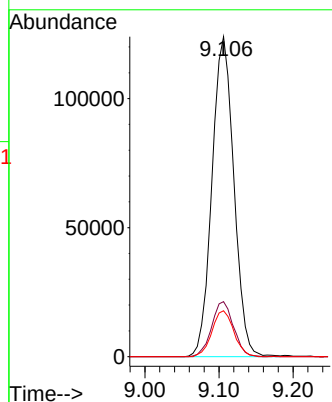
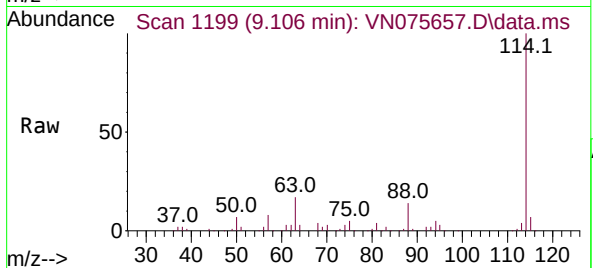
Tgt Ion:114 Resp: 254210

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.129 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075657.D

Acq: 08 Dec 2022 19:20

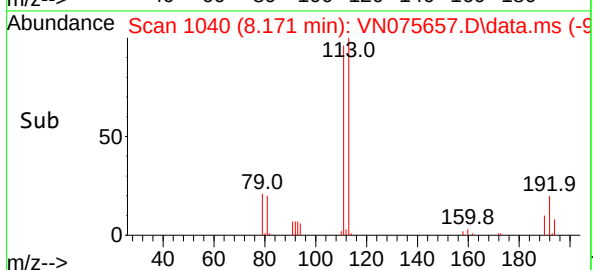
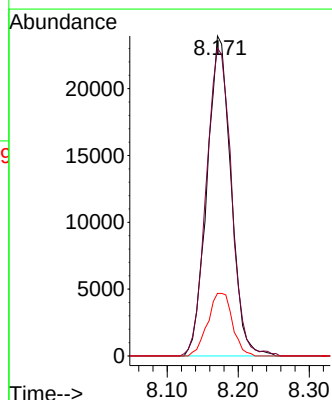
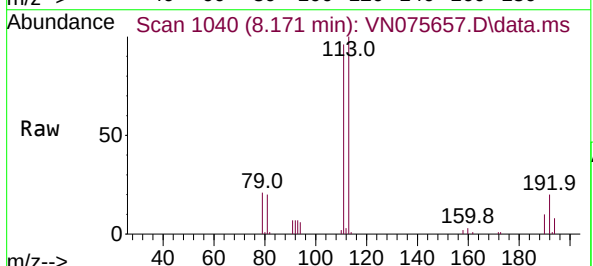
Tgt Ion:113 Resp: 56052

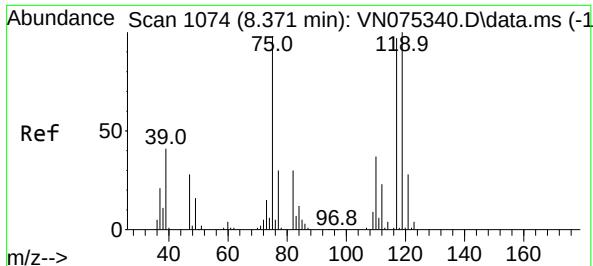
Ion Ratio Lower Upper

113 100

111 101.3 80.5 120.7

192 20.1 13.2 19.8#





#36

1,1-Dichloropropene

Concen: 5.042 ug/l

RT: 8.224 min Scan# 10981

Delta R.T. -0.147 min

Lab File: VN075657.D

Acq: 08 Dec 2022 19:20

Instrument :

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ClientSampleId :

IBLK

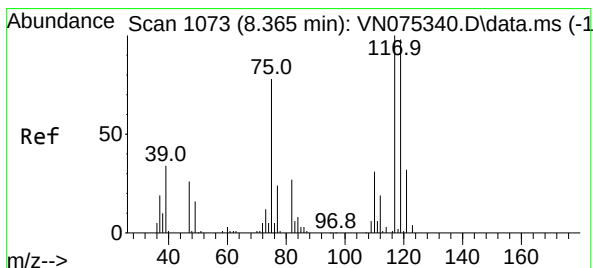
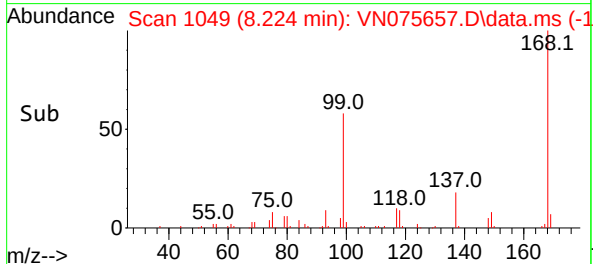
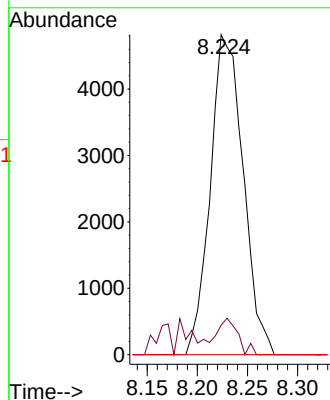
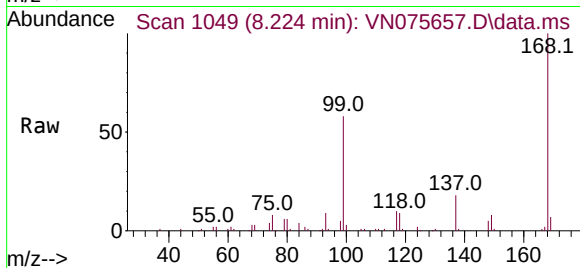
Tgt Ion: 75 Resp: 10981

Ion Ratio Lower Upper

75 100

110 7.0 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.333 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075657.D

Acq: 08 Dec 2022 19:20

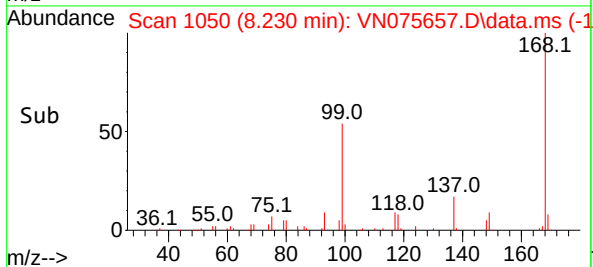
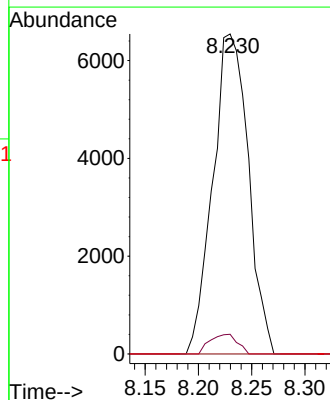
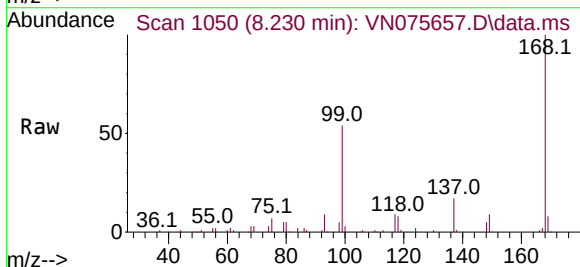
Tgt Ion: 117 Resp: 15150

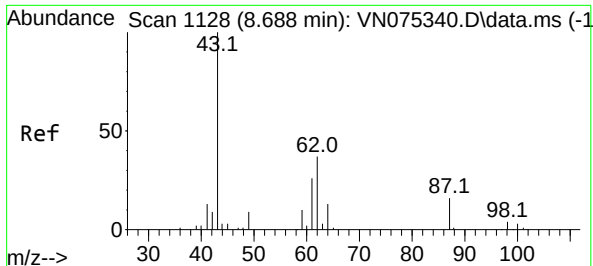
Ion Ratio Lower Upper

117 100

119 6.2 76.7 115.1#

121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 0.528 ug/l

RT: 8.783 min Scan# 1128

Delta R.T. 0.095 min

Lab File: VN075657.D

Acq: 08 Dec 2022 19:20

Instrument :

MSVOA_N

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IBLK

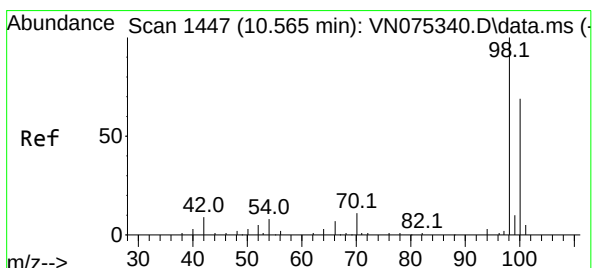
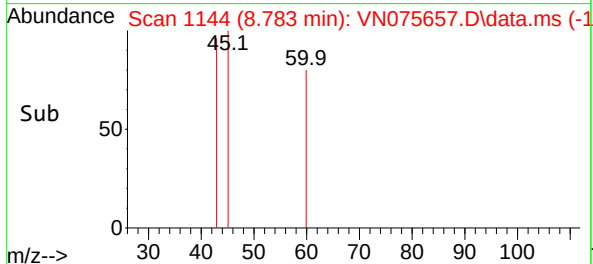
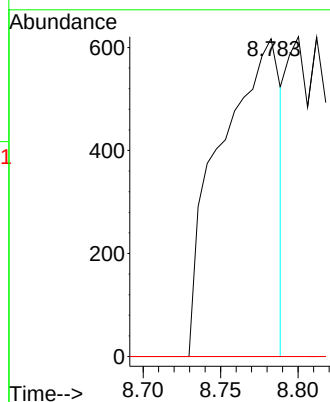
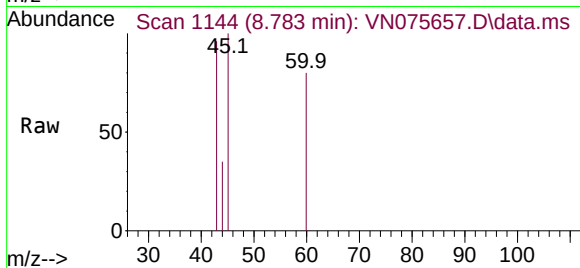
Tgt Ion: 43 Resp: 1663

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 0.0 12.5 18.7#



#50

Toluene-d8

Concen: 48.735 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075657.D

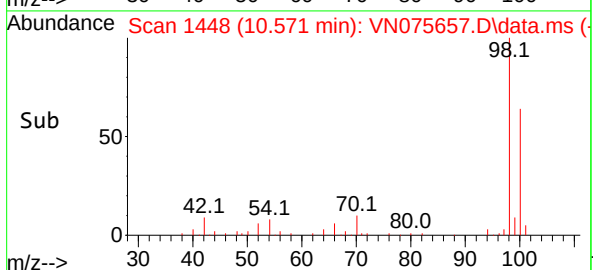
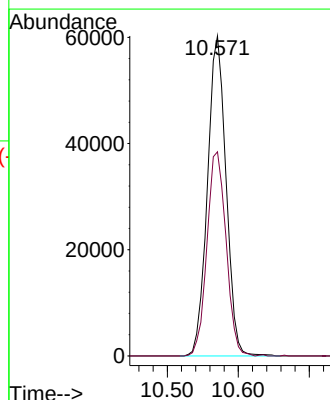
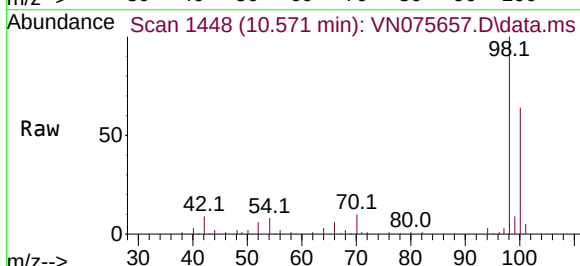
Acq: 08 Dec 2022 19:20

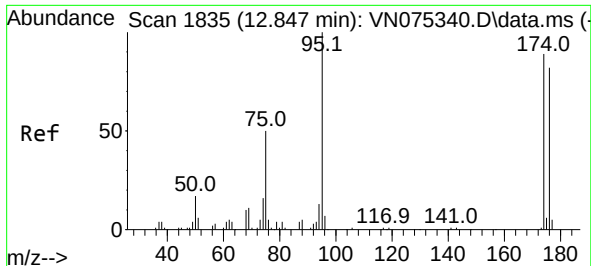
Tgt Ion: 98 Resp: 109614

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6

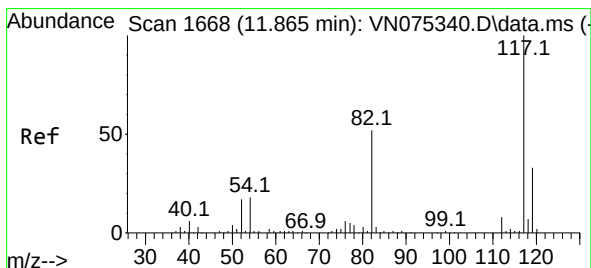
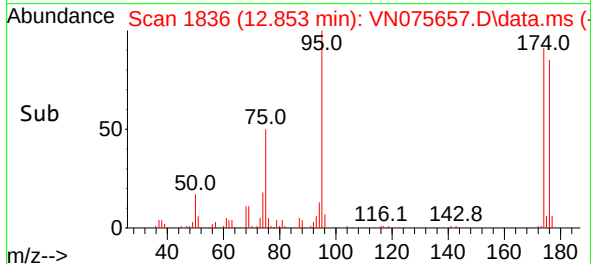
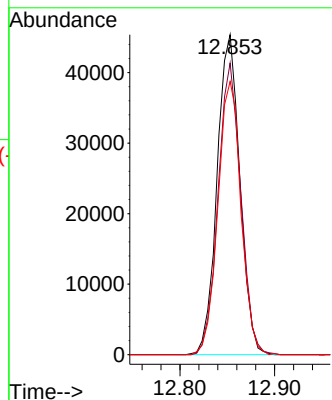
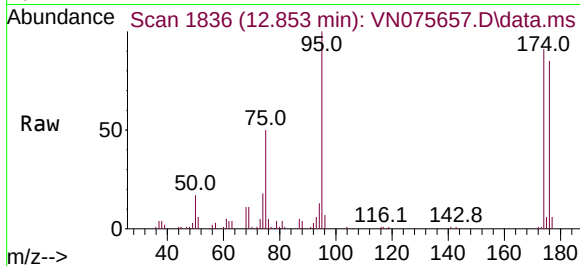




#62
4-Bromofluorobenzene
Concen: 45.637 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075657.D
Acq: 08 Dec 2022 19:20

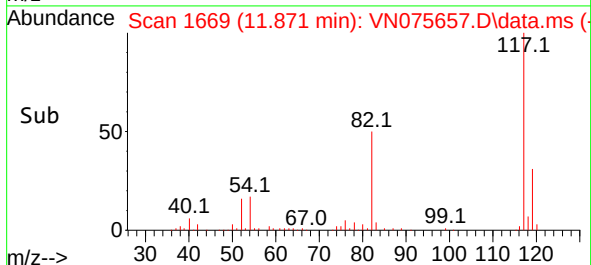
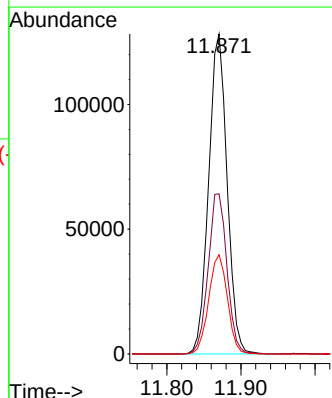
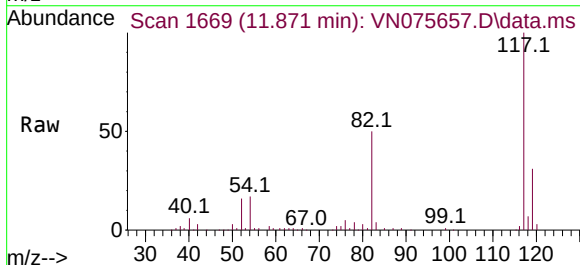
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MSVOA_N
ClientSampleId :
IBLK

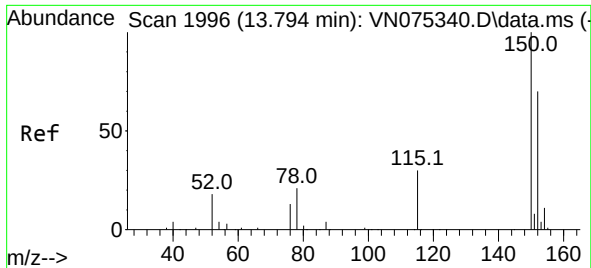
Tgt Ion: 95 Resp: 75763
Ion Ratio Lower Upper
95 100
174 90.9 0.0 147.4
176 86.7 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075657.D
Acq: 08 Dec 2022 19:20

Tgt Ion: 117 Resp: 221381
Ion Ratio Lower Upper
117 100
82 50.1 43.1 64.7
119 31.0 25.5 38.3

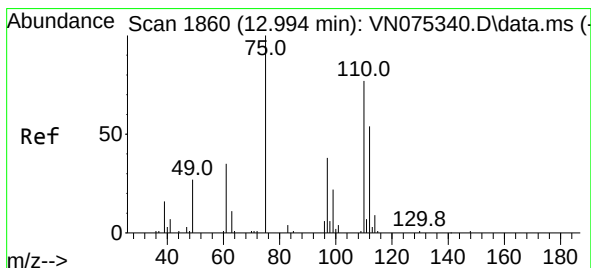
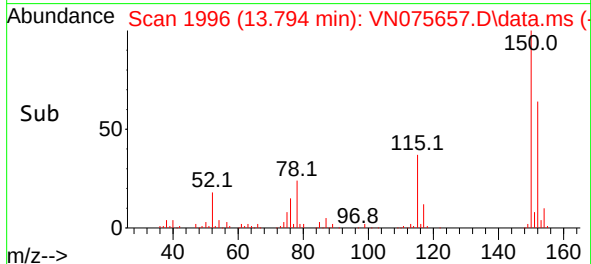
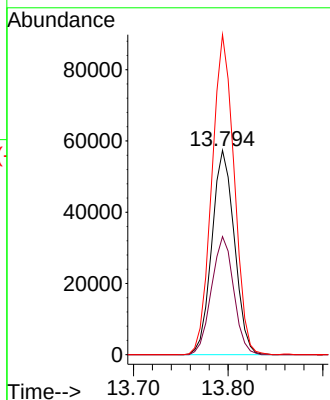
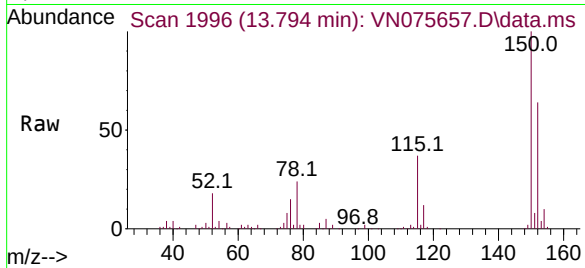




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075657.D
 Acq: 08 Dec 2022 19:20

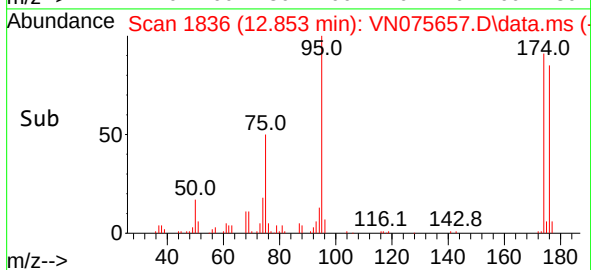
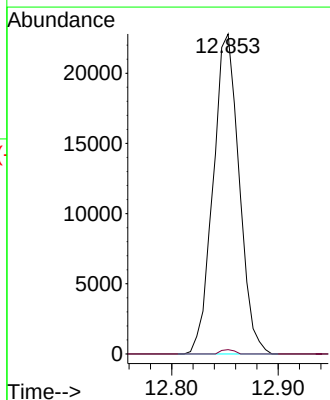
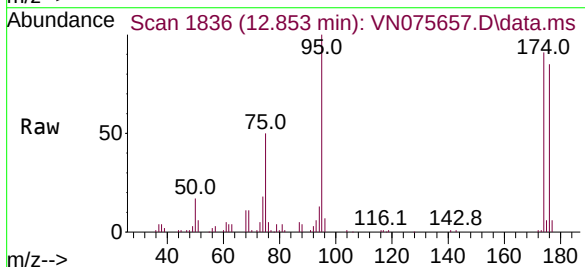
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

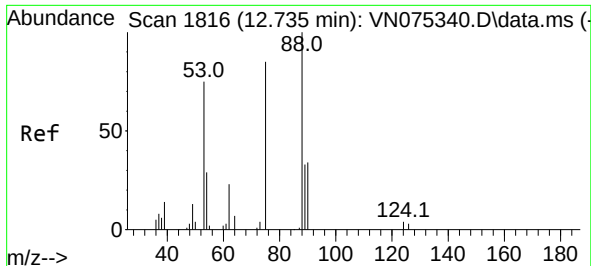
Tgt Ion:152 Resp: 94812
 Ion Ratio Lower Upper
 152 100
 115 56.9 30.2 90.6
 150 155.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 21.542 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075657.D
 Acq: 08 Dec 2022 19:20

Tgt Ion: 75 Resp: 38617
 Ion Ratio Lower Upper
 75 100
 77 0.7 75.6 226.8#

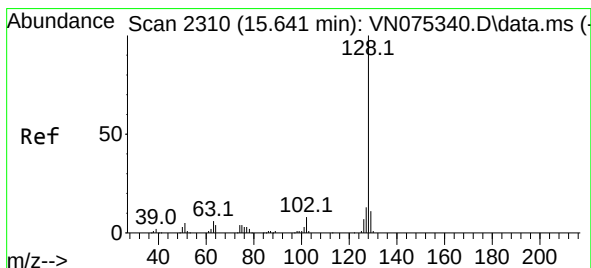
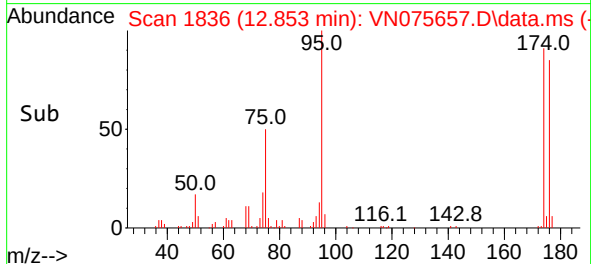
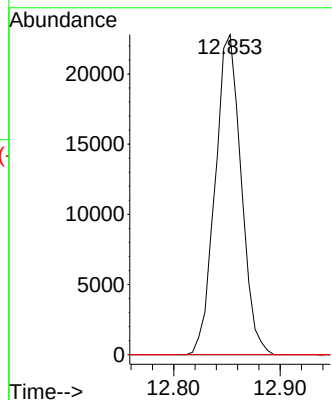
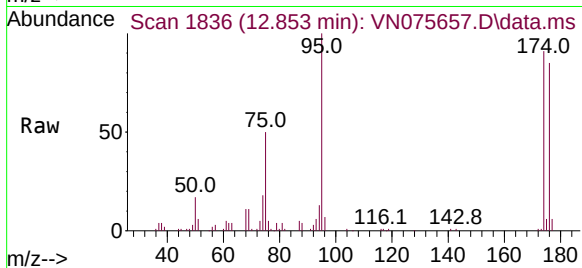




#81
trans-1,4-Dichloro-2-butene
Concen: 63.738 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075657.D
Acq: 08 Dec 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 38617
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.243 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075657.D
Acq: 08 Dec 2022 19:20

Tgt Ion:128 Resp: 1236
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

