

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073790.D
 Acq On : 09 Aug 2022 15:26
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 09 21:09:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

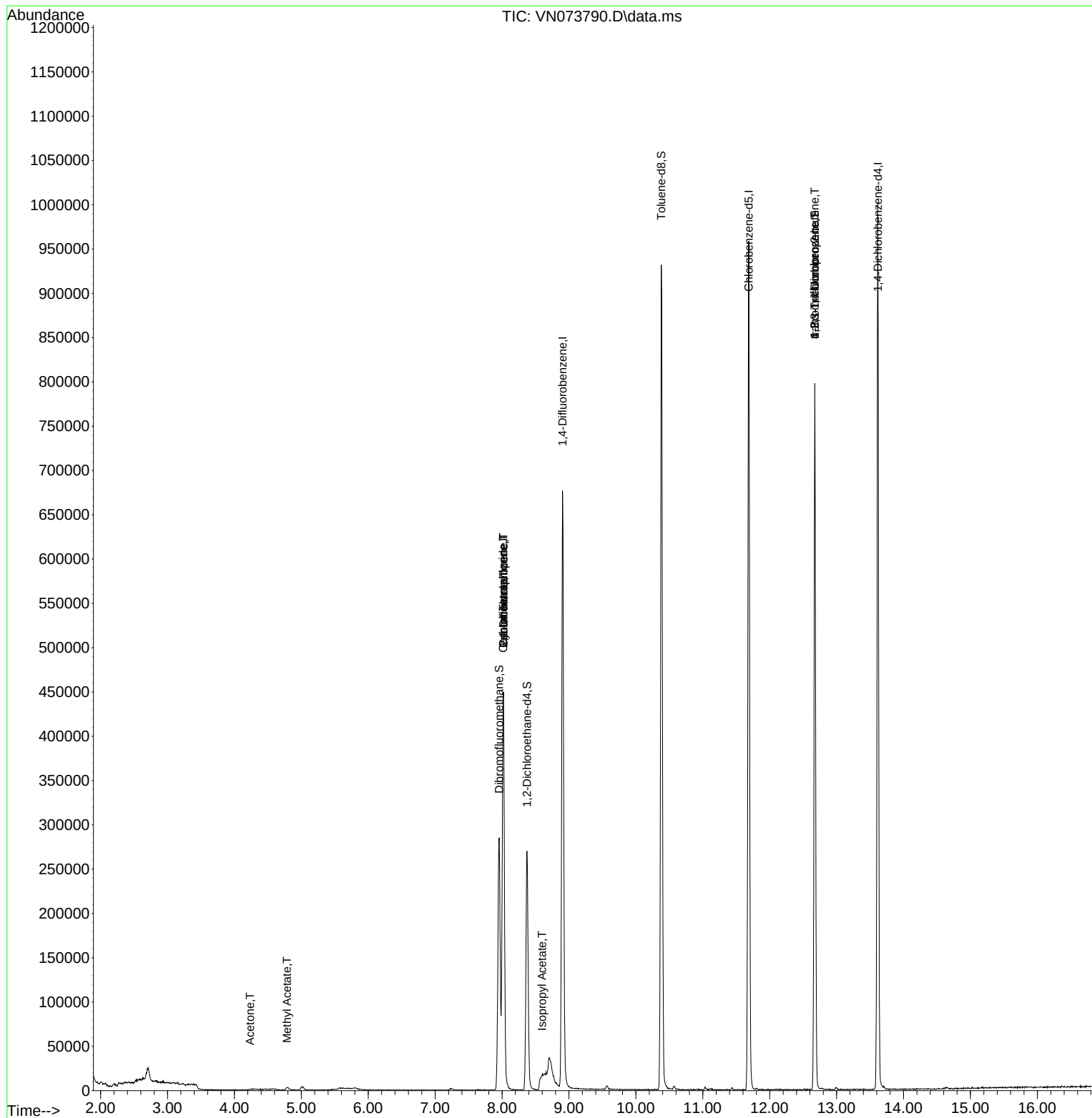
Internal Standards						
1) Pentafluorobenzene	8.022	168	366416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	615504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	566659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	279302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	222983	49.936	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.880%
35) Dibromofluoromethane	7.957	113	209504	54.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.420%
50) Toluene-d8	10.380	98	664495	43.690	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.380%
62) 4-Bromofluorobenzene	12.674	95	246847	48.805	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	956	Below Cal		95
6) Chloroethane	2.940	64	1017	Below Cal	#	86
16) Acetone	4.234	43	782	0.326	ug/l	93
18) Methyl Acetate	4.787	43	6557	1.099	ug/l	# 73
20) Methylene Chloride	5.016	84	3451	Below Cal	#	83
31) Cyclohexane	8.022	56	7373	1.109	ug/l	# 29
36) 1,1-Dichloropropene	8.022	75	27257	4.948	ug/l	# 50
38) Carbon Tetrachloride	8.016	117	34898	6.238	ug/l	# 15
43) Isopropyl Acetate	8.598	43	15402	1.572	ug/l	# 53
76) 1,2,3-Trichloropropane	12.674	75	128546	23.409	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.674	75	128546	59.644	ug/l	# 11

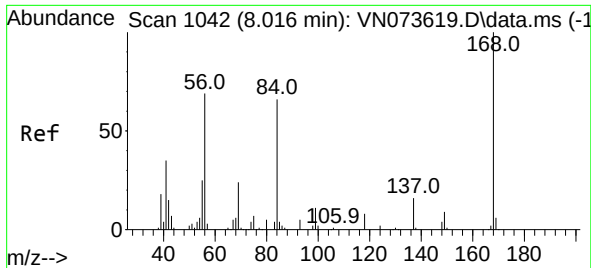
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 09 21:09:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

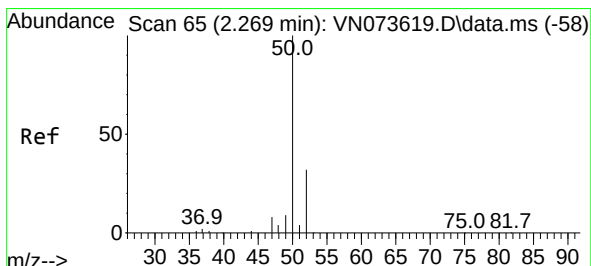
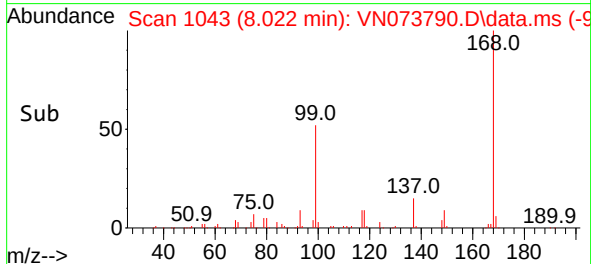
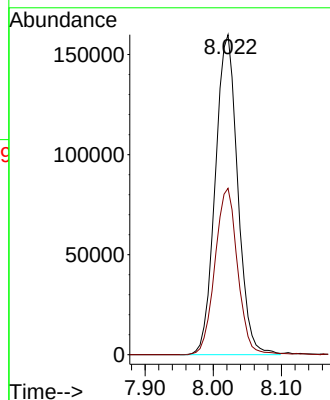
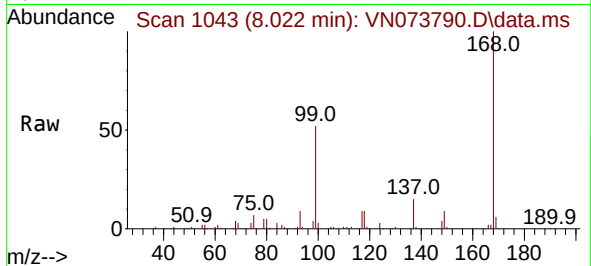




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073790.D
Acq: 09 Aug 2022 15:26

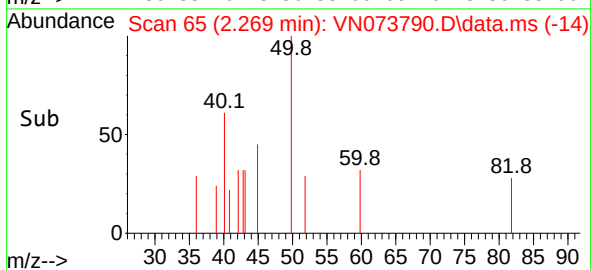
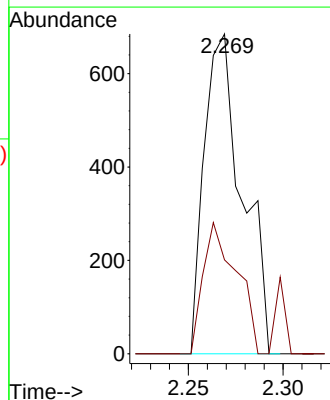
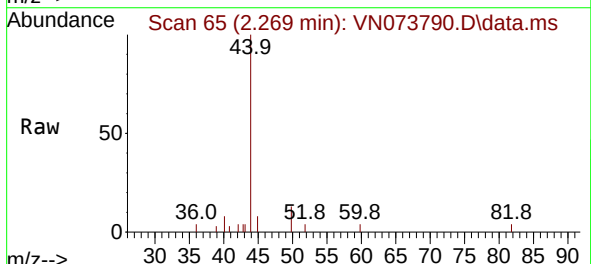
Instrument :
MSVOA_N
ClientSampleId :
IBLK

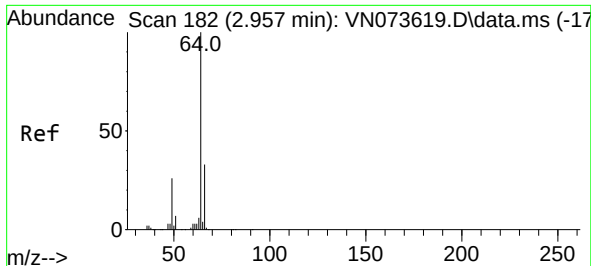
Tgt Ion:168 Resp: 366416
Ion Ratio Lower Upper
168 100
99 52.0 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073790.D
Acq: 09 Aug 2022 15:26

Tgt Ion: 50 Resp: 956
Ion Ratio Lower Upper
50 100
52 29.3 25.7 38.5

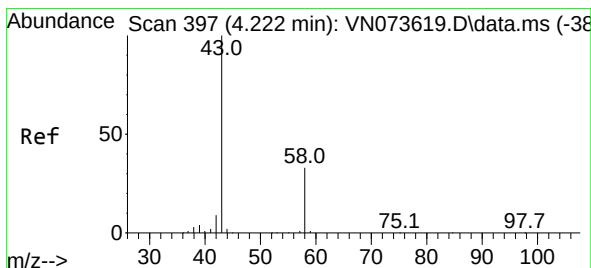
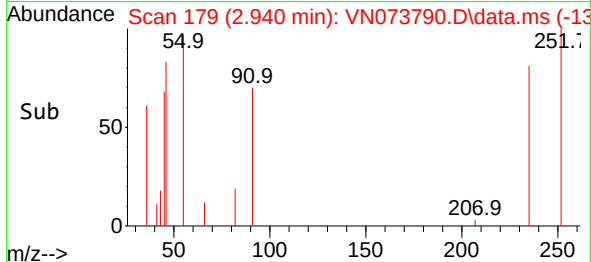
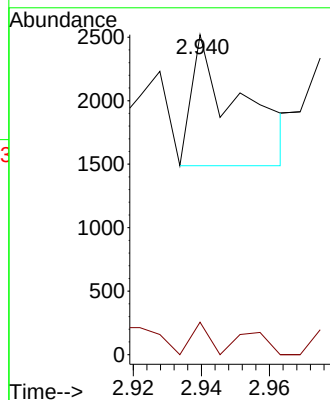
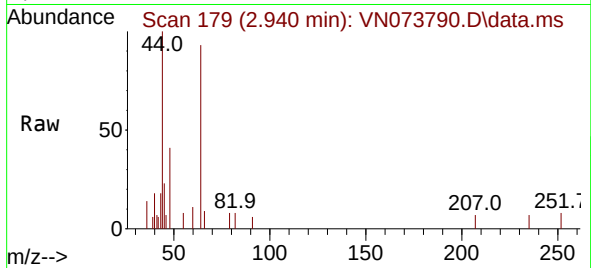




#6
Chloroethane
Concen: Below Cal
RT: 2.940 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN073790.D
Acq: 09 Aug 2022 15:26

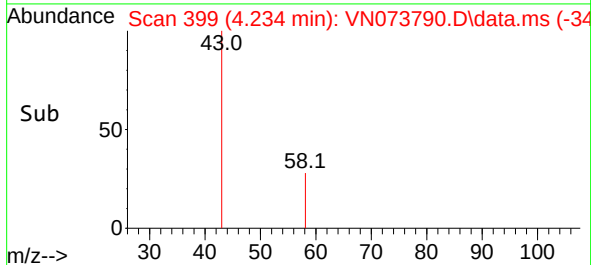
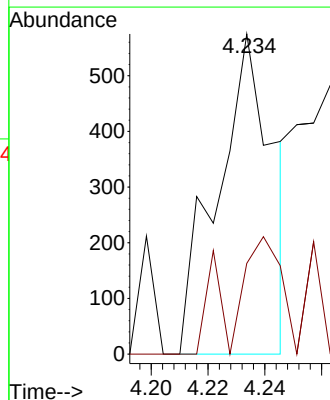
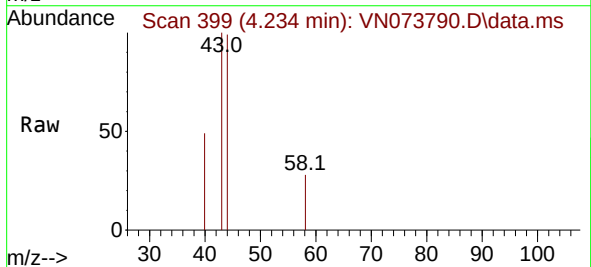
Instrument :
MSVOA_N
ClientSampleId :
IBLK

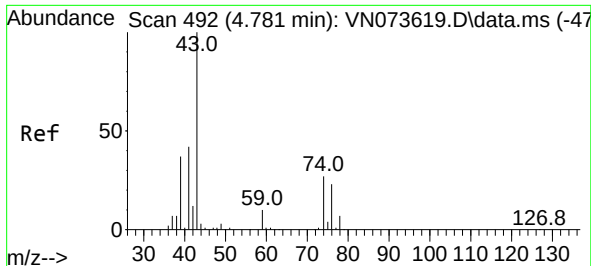
Tgt Ion: 64 Resp: 1017
Ion Ratio Lower Upper
64 100
66 24.8 26.2 39.4#



#16
Acetone
Concen: 0.326 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073790.D
Acq: 09 Aug 2022 15:26

Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
58 28.3 26.0 39.0

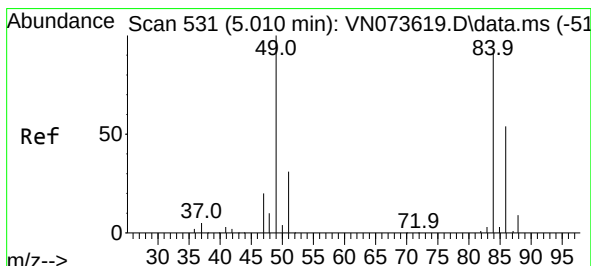
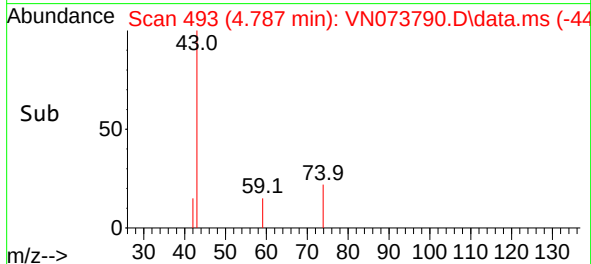
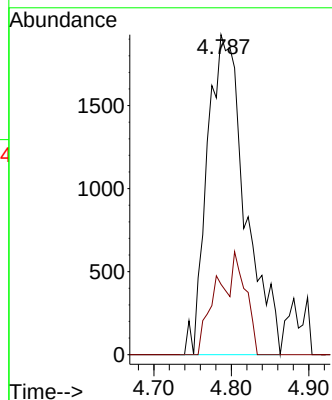
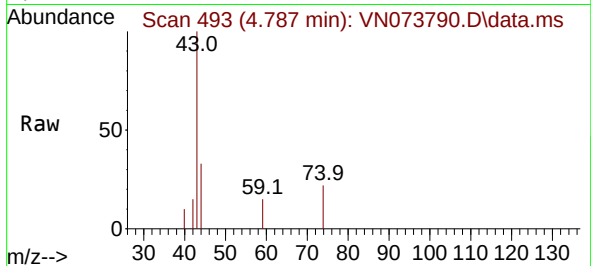




#18
Methyl Acetate
Concen: 1.099 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073790.D
Acq: 09 Aug 2022 15:26

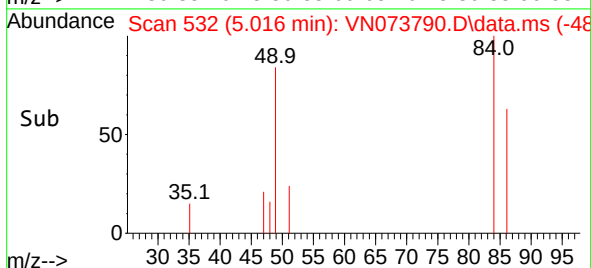
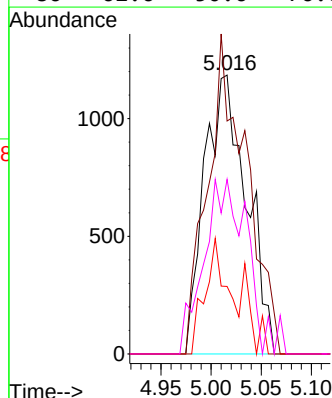
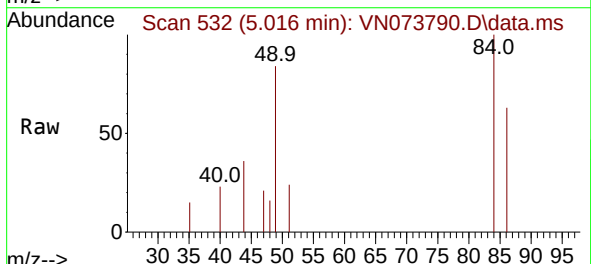
Instrument :
MSVOA_N
ClientSampleId :
IBLK

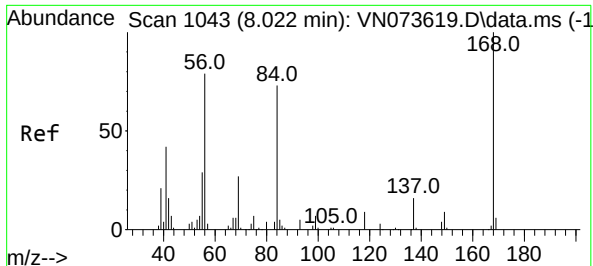
Tgt Ion: 43 Resp: 6557
Ion Ratio Lower Upper
43 100
74 12.8 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073790.D
Acq: 09 Aug 2022 15:26

Tgt Ion: 84 Resp: 3451
Ion Ratio Lower Upper
84 100
49 83.5 88.3 132.5#
51 24.2 28.2 42.2#
86 62.6 50.6 76.0





#31

Cyclohexane

Concen: 1.109 ug/l

RT: 8.022 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073790.D

Acq: 09 Aug 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

IBLK

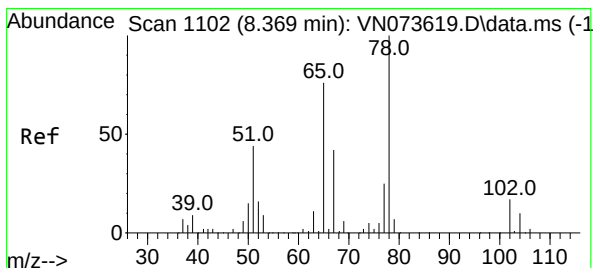
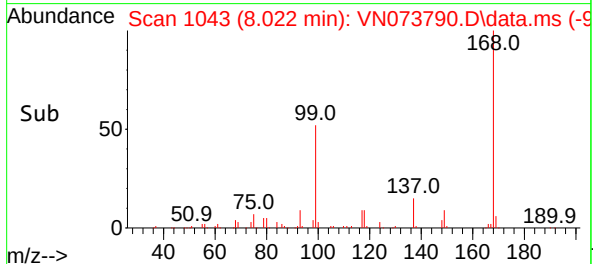
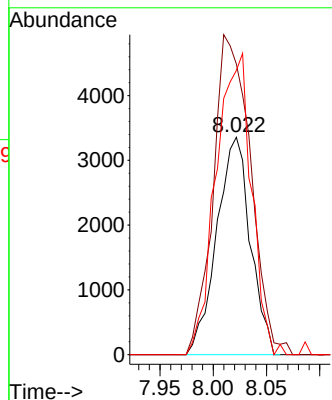
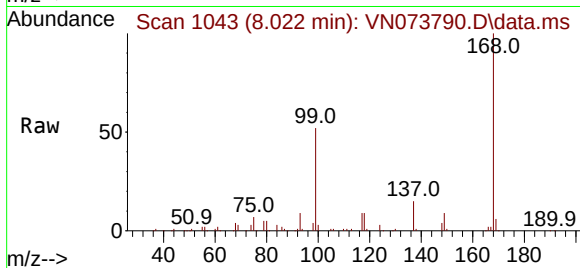
Tgt Ion: 56 Resp: 7373

Ion Ratio Lower Upper

56 100

69 133.7 27.8 41.8#

84 130.6 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 49.936 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073790.D

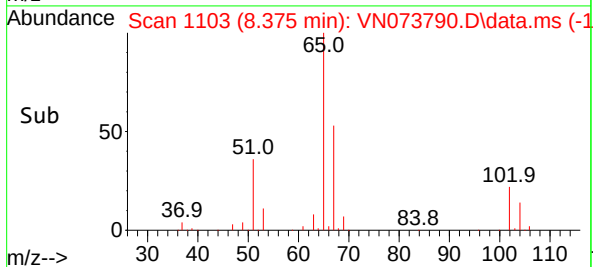
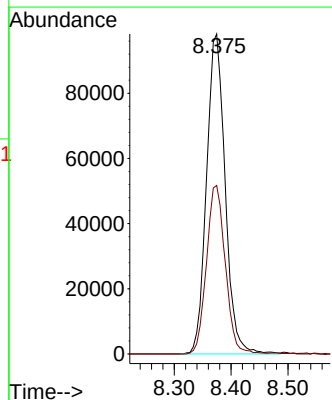
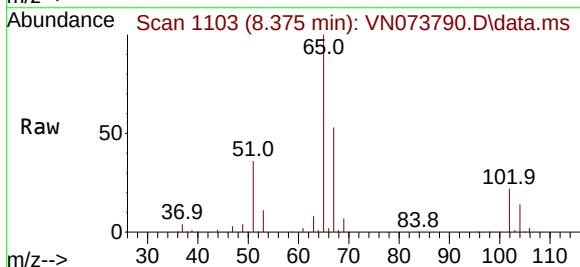
Acq: 09 Aug 2022 15:26

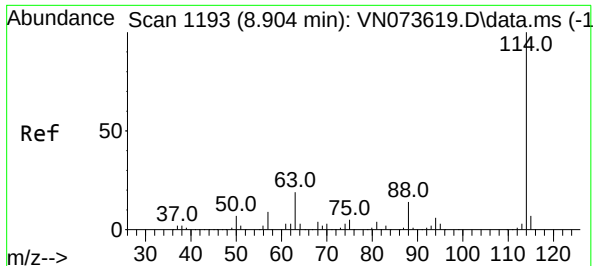
Tgt Ion: 65 Resp: 222983

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073790.D

Acq: 09 Aug 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

IBLK

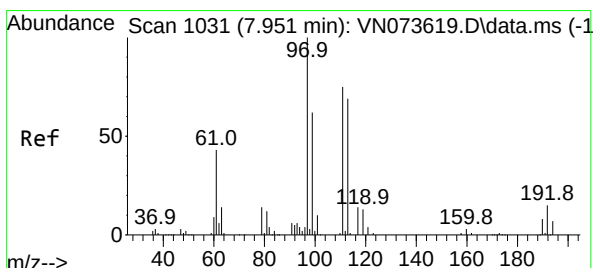
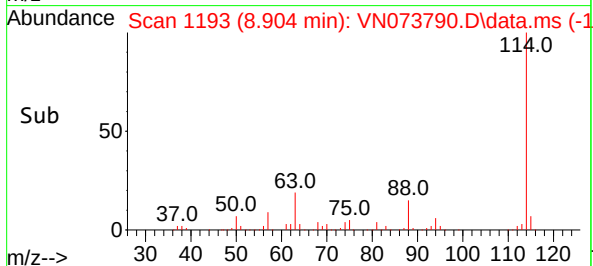
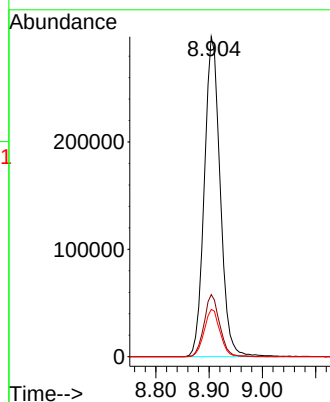
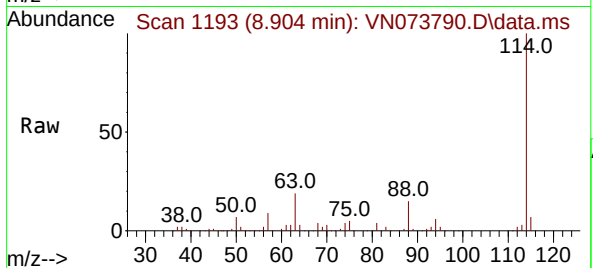
Tgt Ion:114 Resp: 615504

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.206 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073790.D

Acq: 09 Aug 2022 15:26

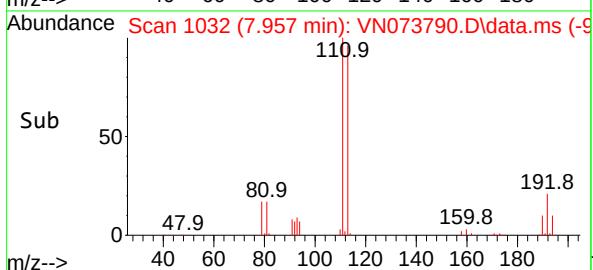
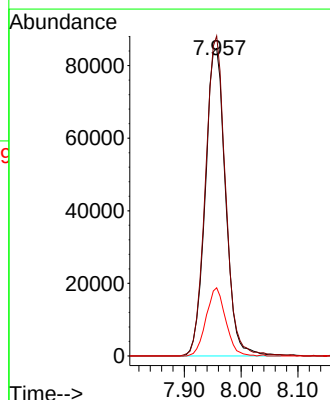
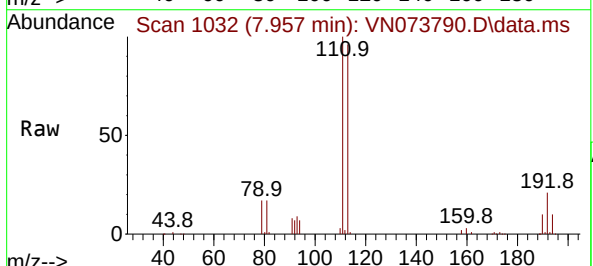
Tgt Ion:113 Resp: 209504

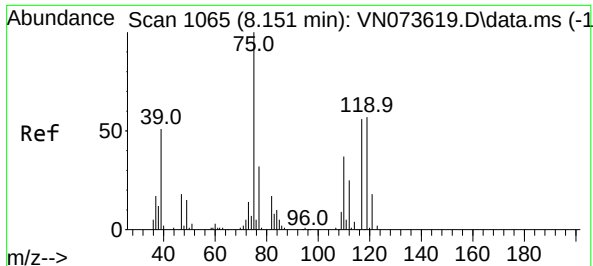
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 21.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.948 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.130 min

Lab File: VN073790.D

Acq: 09 Aug 2022 15:26

Instrument :

MSVOA_N

ClientSampleId :

IBLK

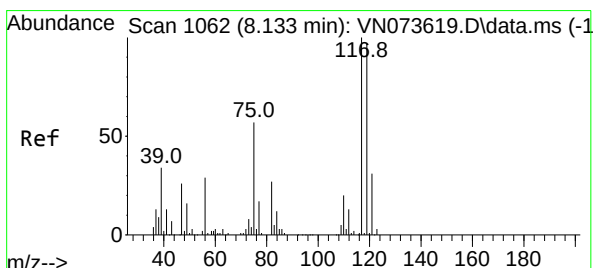
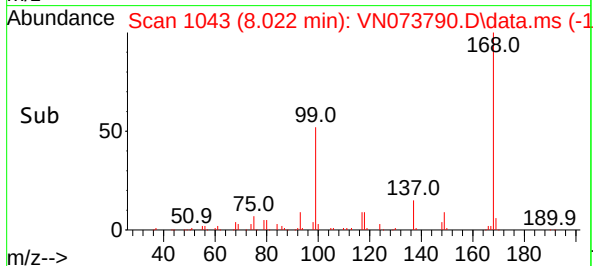
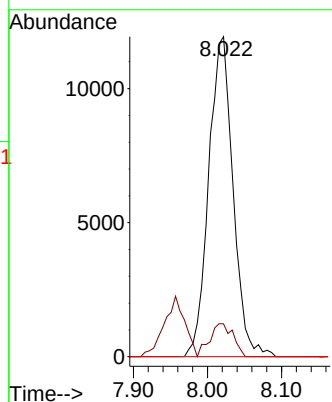
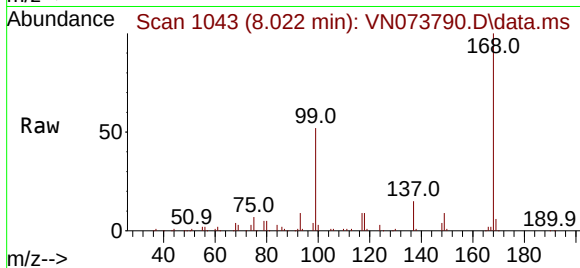
Tgt Ion: 75 Resp: 27257

Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.238 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073790.D

Acq: 09 Aug 2022 15:26

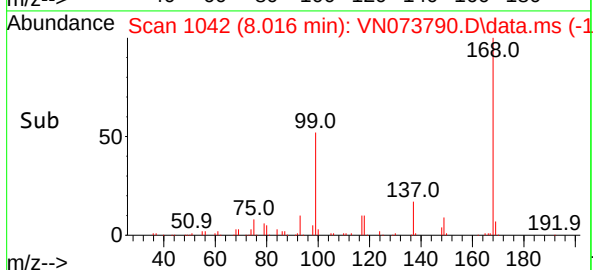
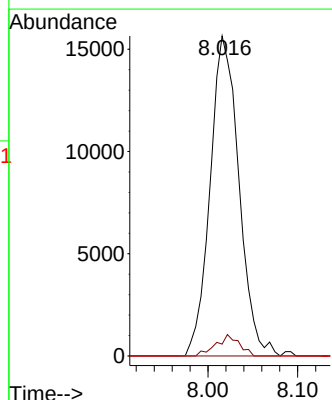
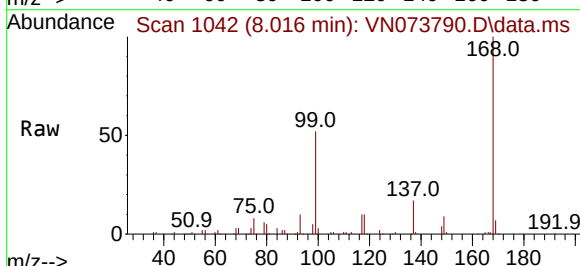
Tgt Ion: 117 Resp: 34898

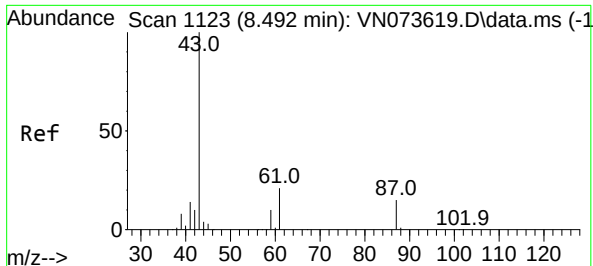
Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 1.572 ug/l

RT: 8.598 min Scan# 1123

Delta R.T. 0.106 min

Lab File: VN073790.D

Acq: 09 Aug 2022 15:26

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IBLK

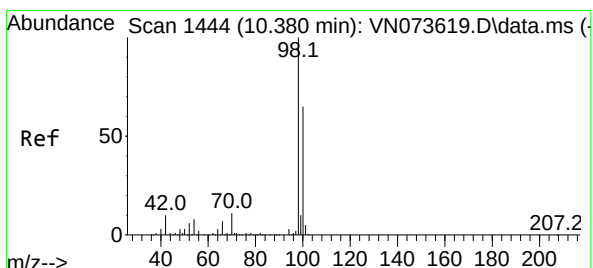
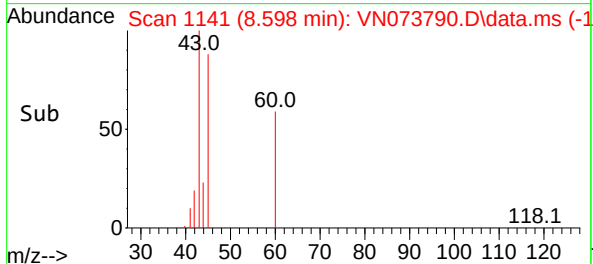
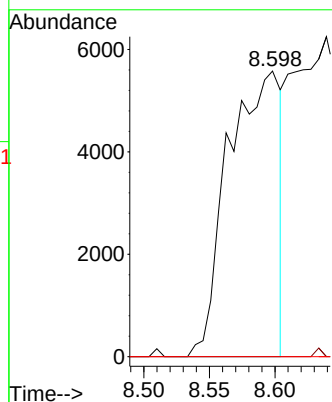
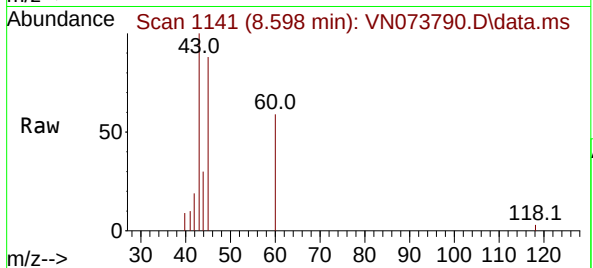
Tgt Ion: 43 Resp: 15402

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 43.690 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073790.D

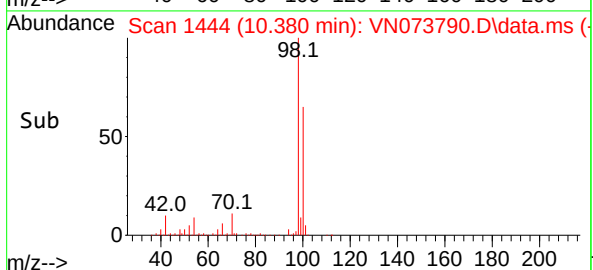
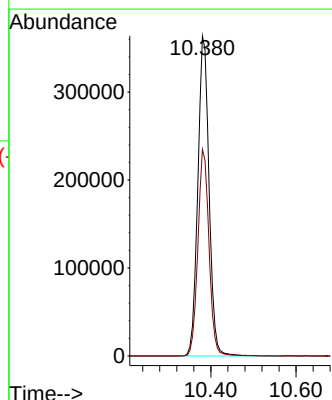
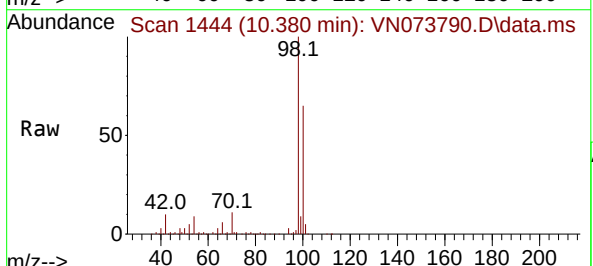
Acq: 09 Aug 2022 15:26

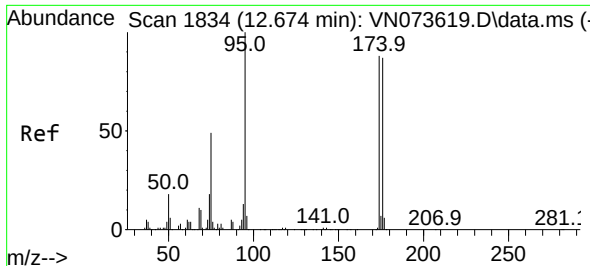
Tgt Ion: 98 Resp: 664495

Ion Ratio Lower Upper

98 100

100 63.9 52.6 78.8

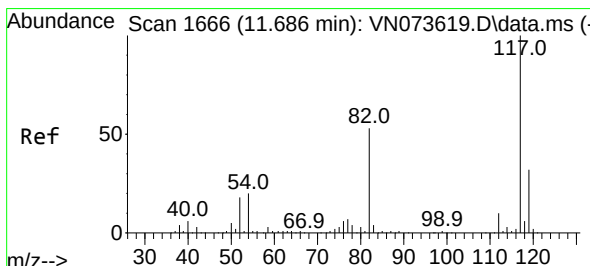
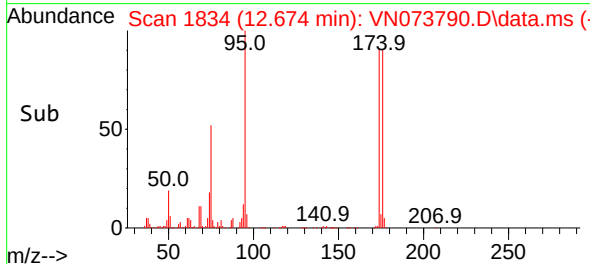
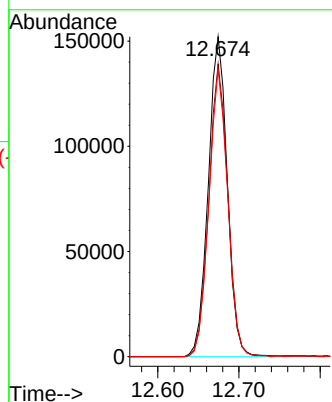
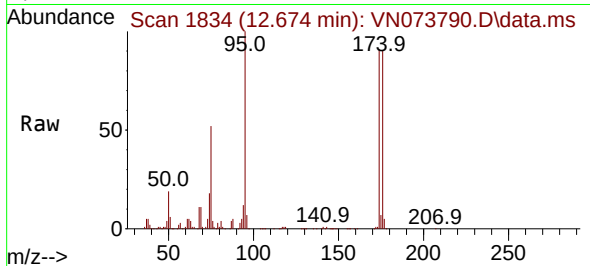




#62
4-Bromofluorobenzene
Concen: 48.805 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073790.D
Acq: 09 Aug 2022 15:26

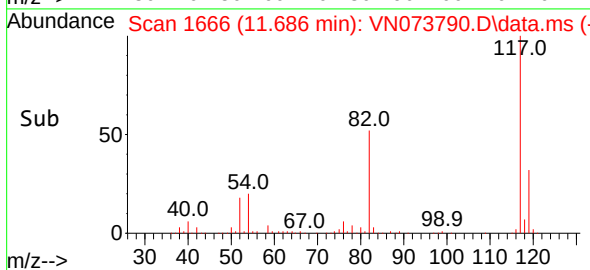
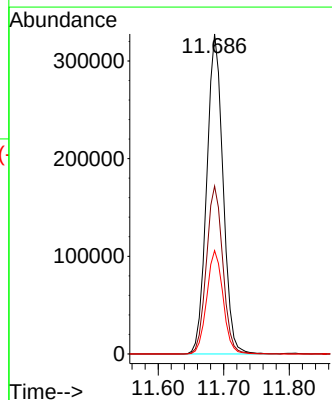
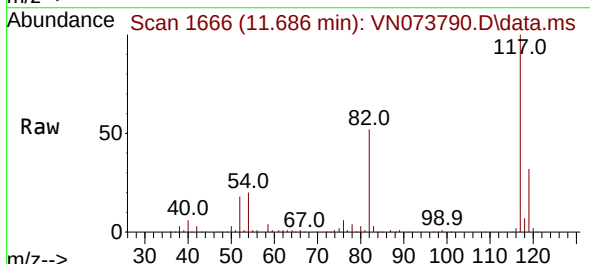
Instrument :
MSVOA_N
ClientSampleId :
IBLK

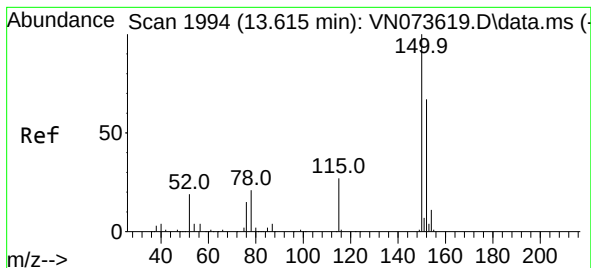
Tgt Ion: 95 Resp: 246847
Ion Ratio Lower Upper
95 100
174 91.8 0.0 167.6
176 88.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073790.D
Acq: 09 Aug 2022 15:26

Tgt Ion: 117 Resp: 566659
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.3 25.4 38.0

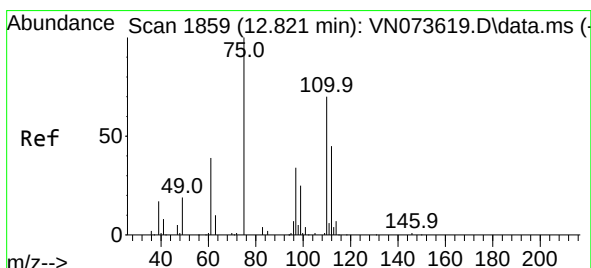
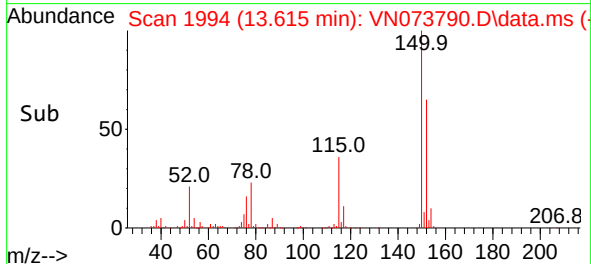
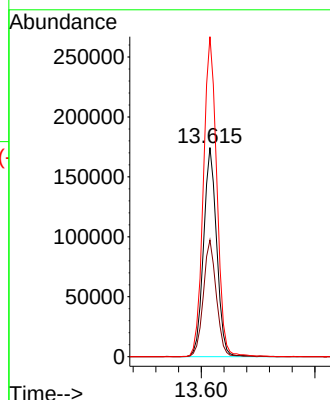
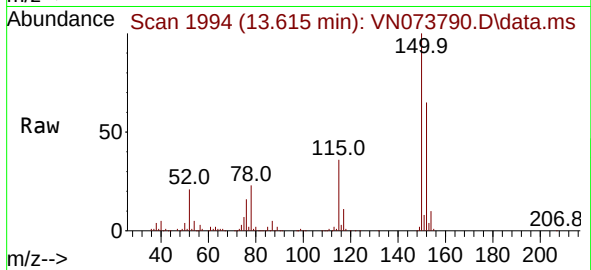




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073790.D
Acq: 09 Aug 2022 15:26

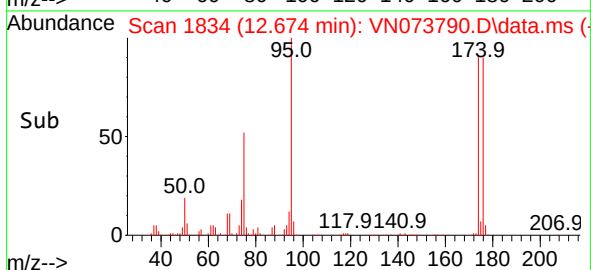
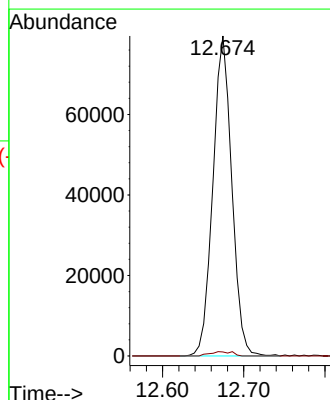
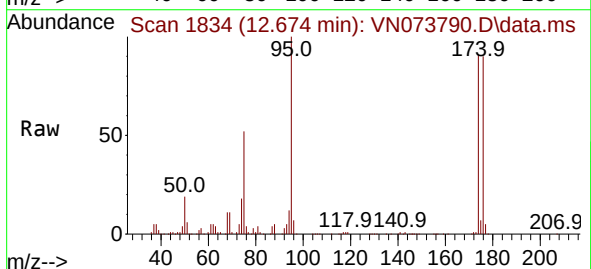
Instrument :
MSVOA_N
ClientSampleId :
IBLK

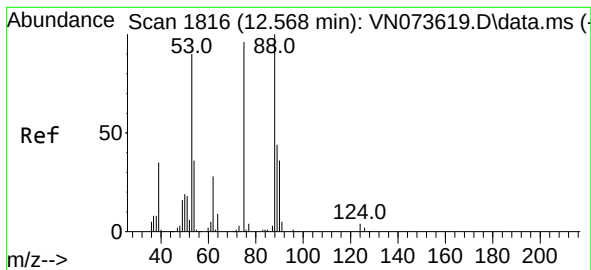
Tgt Ion:152 Resp: 279302
Ion Ratio Lower Upper
152 100
115 55.3 28.9 86.7
150 157.1 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 23.409 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073790.D
Acq: 09 Aug 2022 15:26

Tgt Ion: 75 Resp: 128546
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.644 ug/l
 RT: 12.674 min Scan# 1816
 Delta R.T. 0.106 min
 Lab File: VN073790.D
 Acq: 09 Aug 2022 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 128546
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.0 117.0#
 89 0.0 37.2 55.8#

