

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073398.D
 Acq On : 08 Jul 2022 17:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 09 05:28:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

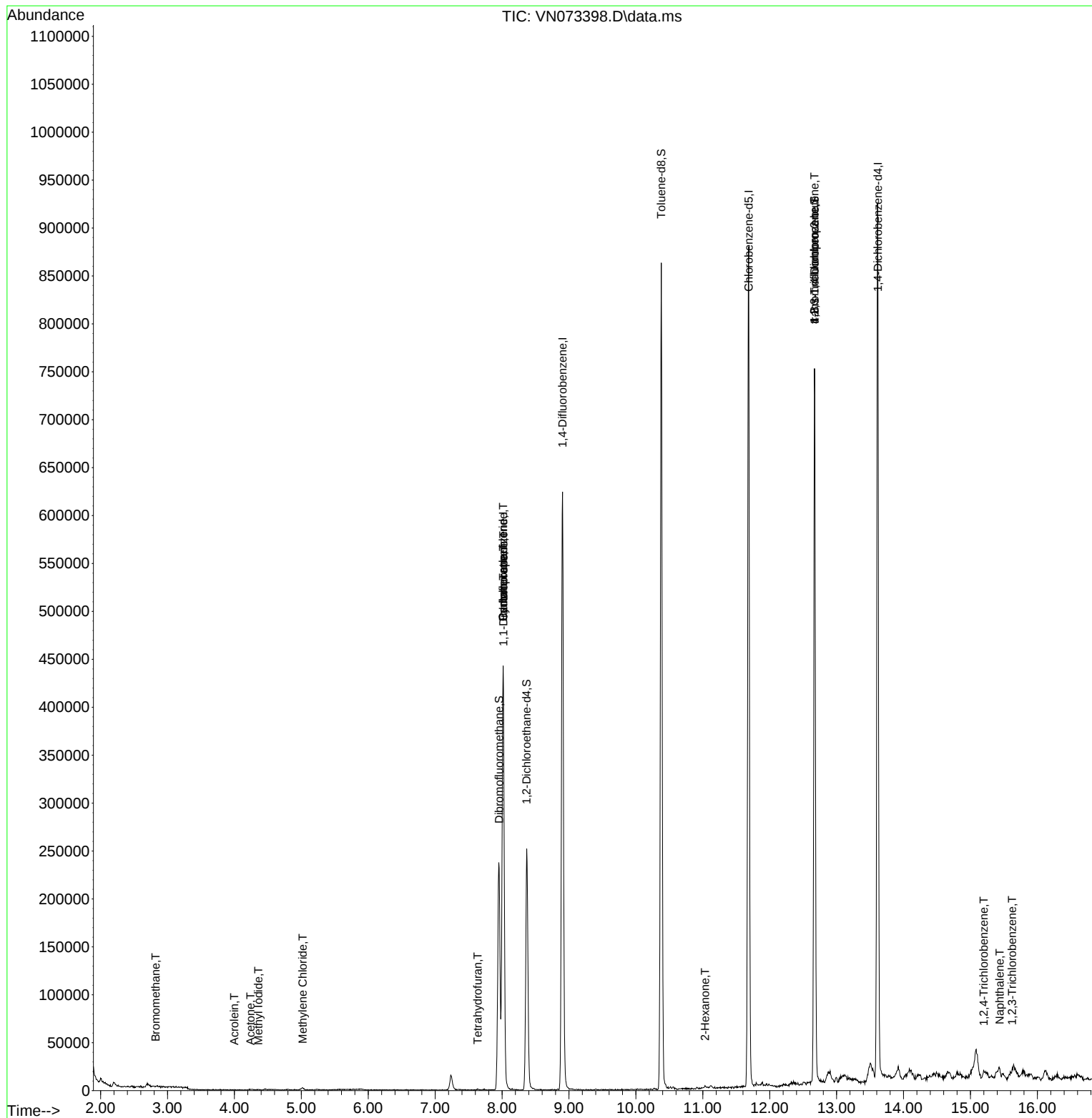
Internal Standards						
1) Pentafluorobenzene	8.016	168	329593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	548569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	514341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	252378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	207544	43.620	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.240%
35) Dibromofluoromethane	7.957	113	178216	48.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	10.380	98	580793	44.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.668	95	257754	51.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.480%
Target Compounds						
					Qvalue	
5) Bromomethane	2.822	94	785	0.418	ug/l	91
10) Methyl Iodide	4.357	142	270	3.781	ug/l #	44
13) Acrolein	3.998	56	216	0.296	ug/l #	16
16) Acetone	4.240	43	1530	0.573	ug/l #	42
20) Methylene Chloride	5.022	84	1644	0.350	ug/l #	87
29) Tetrahydrofuran	7.633	42	839	0.288	ug/l #	46
31) Cyclohexane	8.016	56	7988	1.025	ug/l #	54
36) 1,1-Dichloropropene	8.022	75	28019	4.989	ug/l #	49
38) Carbon Tetrachloride	8.016	117	35331	6.084	ug/l #	16
59) 2-Hexanone	11.033	43	2109	0.358	ug/l #	47
76) 1,2,3-Trichloropropane	12.668	75	136572	20.695	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	136572	56.756	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.198	180	1251	0.259	ug/l #	70
95) Naphthalene	15.439	128	9593	0.493	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.621	180	1477	0.297	ug/l #	47

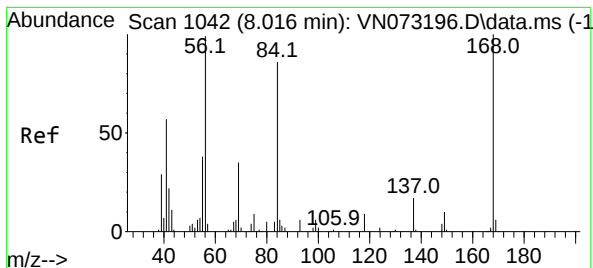
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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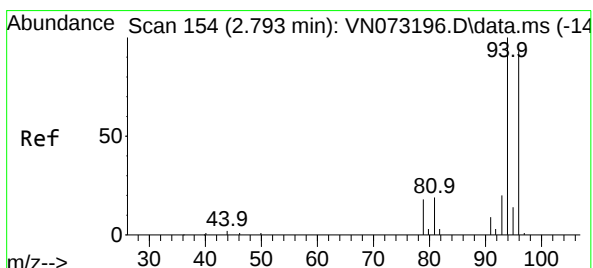
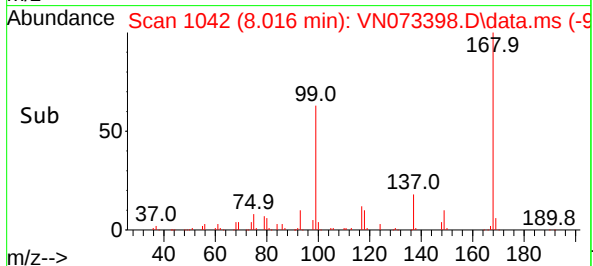
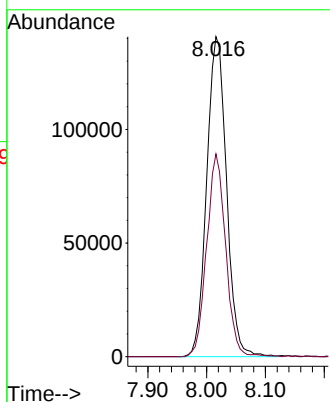
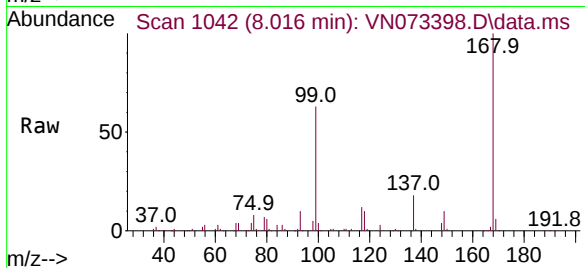




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

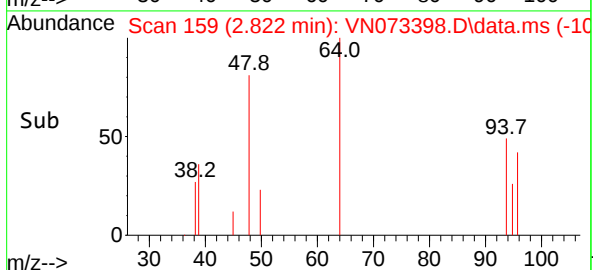
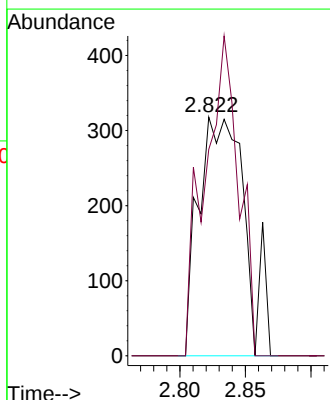
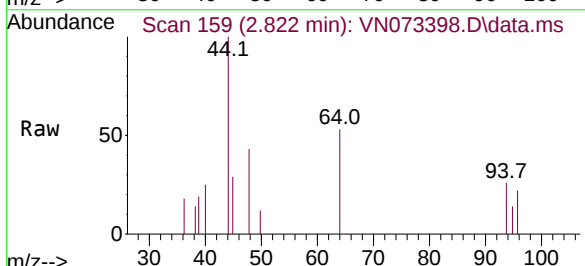
Instrument :
MSVOA_N
ClientSampleId :
IBLK

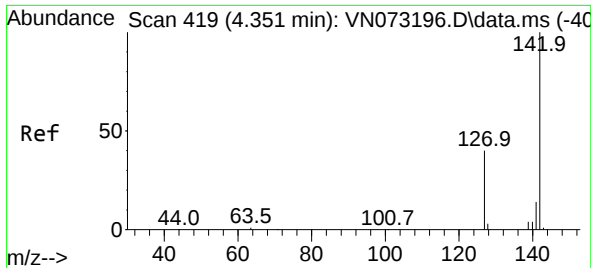
Tgt Ion:168 Resp: 329593
Ion Ratio Lower Upper
168 100
99 63.3 42.3 63.5



#5
Bromomethane
Concen: 0.418 ug/l
RT: 2.822 min Scan# 159
Delta R.T. 0.029 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

Tgt Ion: 94 Resp: 785
Ion Ratio Lower Upper
94 100
96 86.5 76.0 114.0

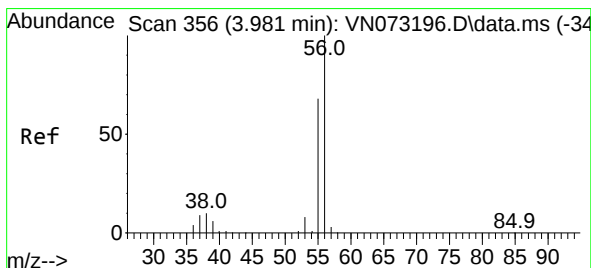
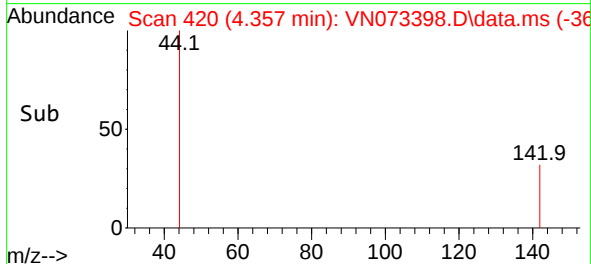
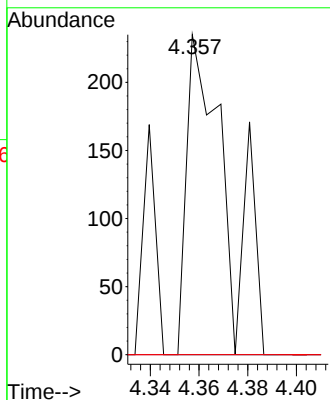
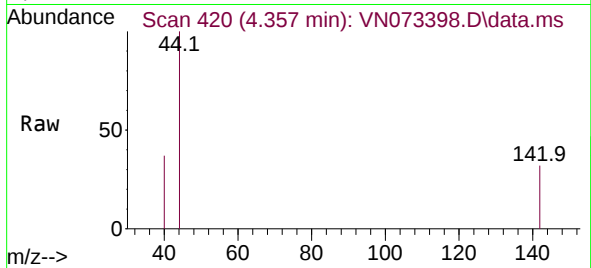




#10
Methyl Iodide
Concen: 3.781 ug/l
RT: 4.357 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

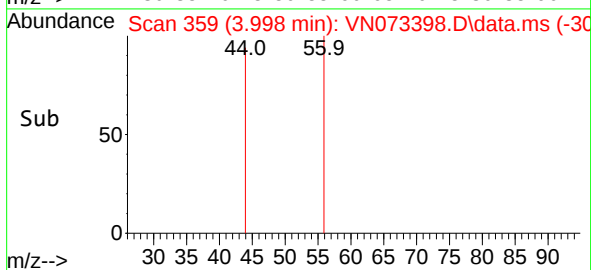
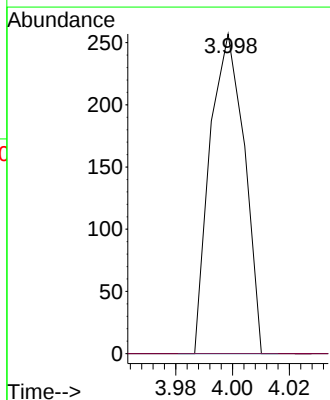
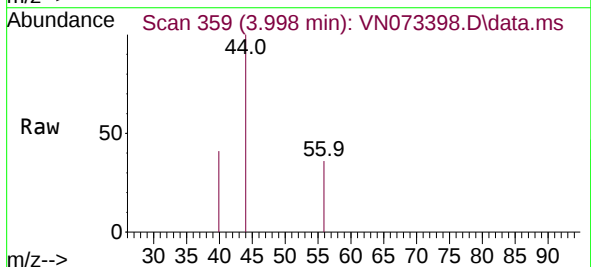
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:142 Resp: 270
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 0.296 ug/l
RT: 3.998 min Scan# 359
Delta R.T. 0.017 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

Tgt Ion: 56 Resp: 216
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

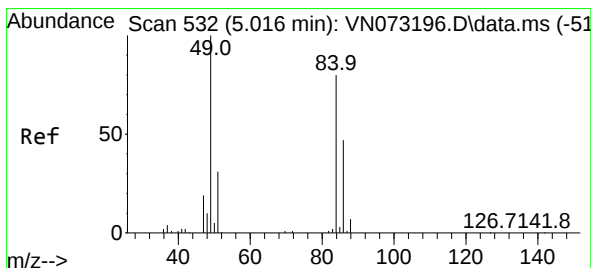
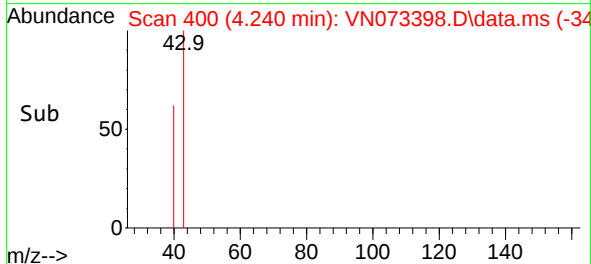
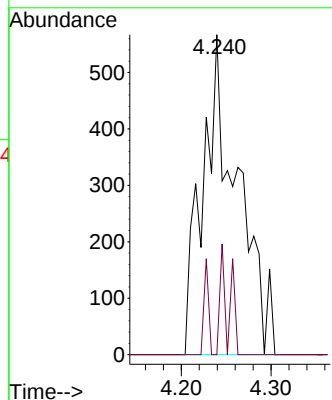
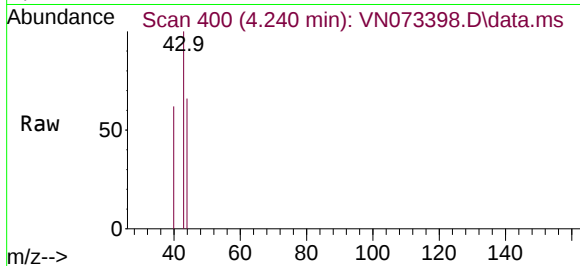




#16
Acetone
Concen: 0.573 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

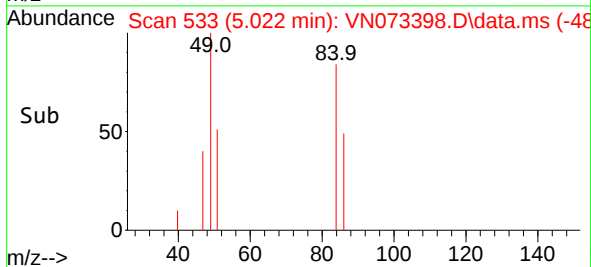
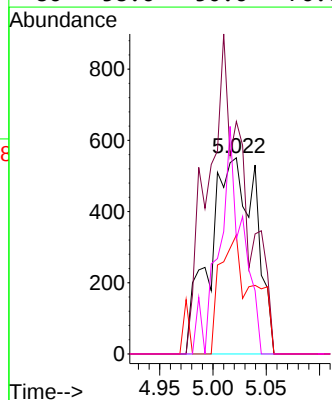
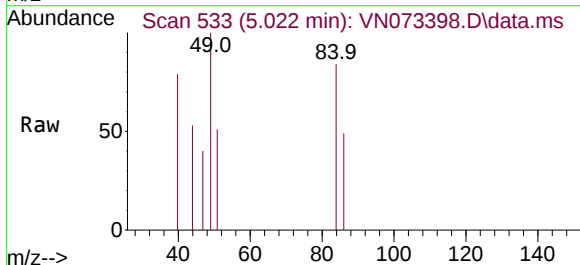
Instrument :
MSVOA_N
ClientSampleId :
IBLK

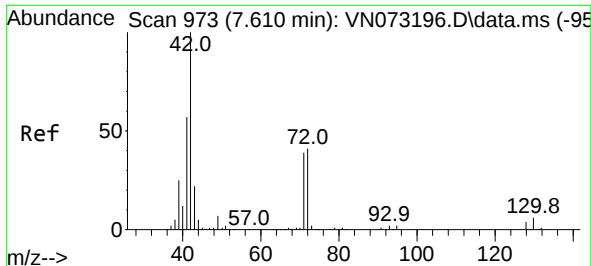
Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: 0.350 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.006 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

Tgt Ion: 84 Resp: 1644
Ion Ratio Lower Upper
84 100
49 118.5 88.3 132.5
51 60.6 28.2 42.2#
86 58.6 50.6 76.0





#29

Tetrahydrofuran

Concen: 0.288 ug/l

RT: 7.633 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

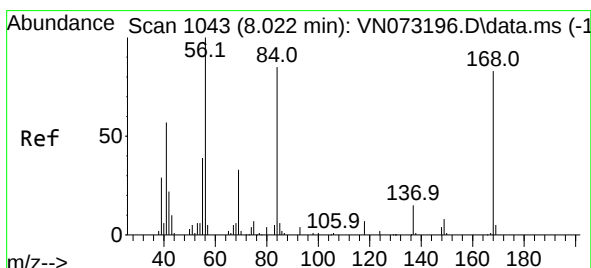
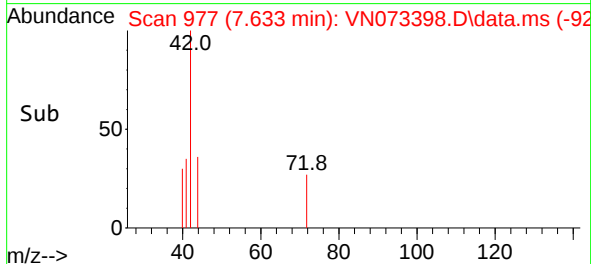
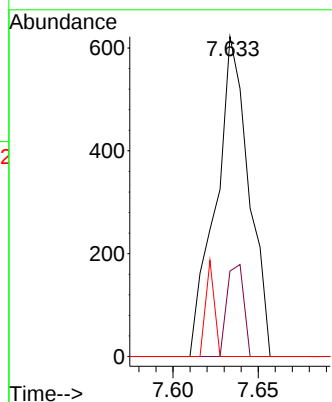
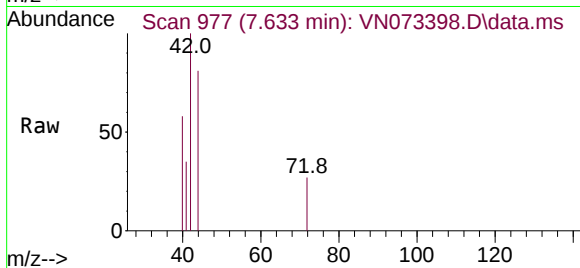
Tgt Ion: 42 Resp: 839

Ion Ratio Lower Upper

42 100

72 14.5 39.7 59.5#

71 7.9 36.6 55.0#



#31

Cyclohexane

Concen: 1.025 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

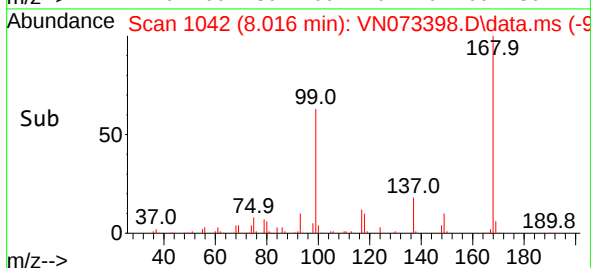
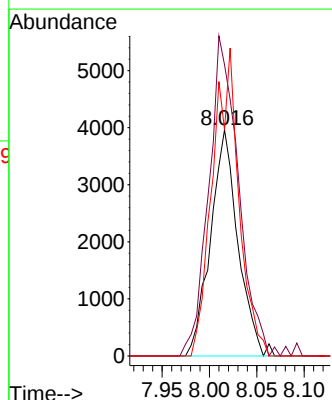
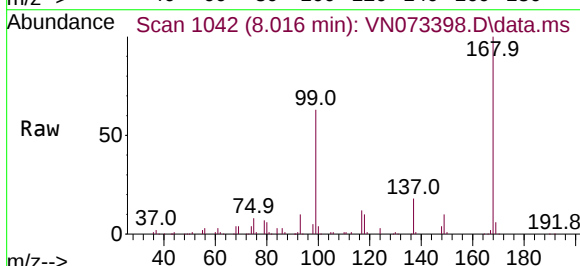
Tgt Ion: 56 Resp: 7988

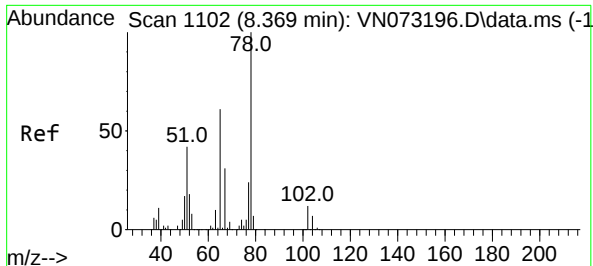
Ion Ratio Lower Upper

56 100

69 128.7 27.8 41.8#

84 100.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.620 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

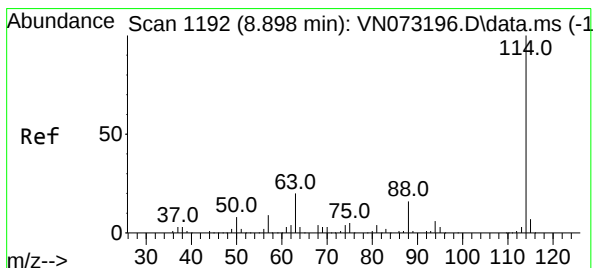
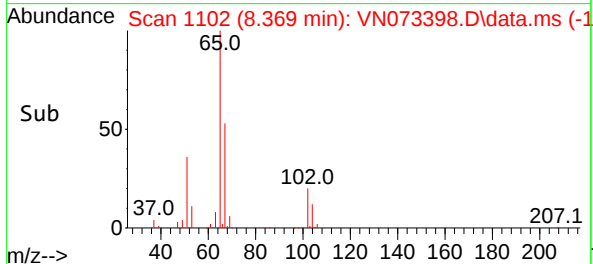
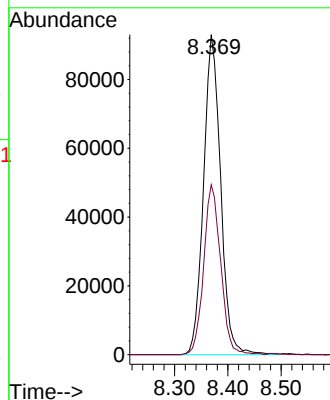
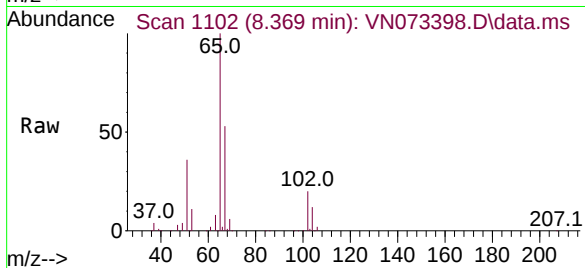
IBLK

Tgt Ion: 65 Resp: 207544

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

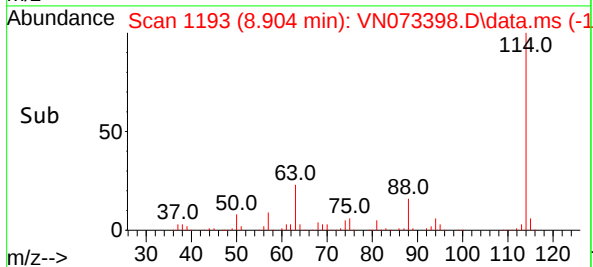
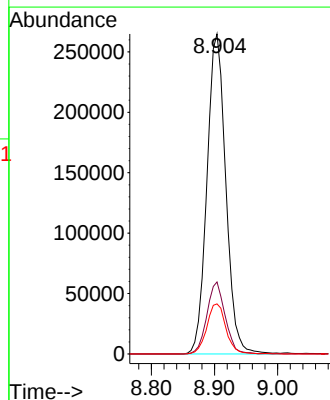
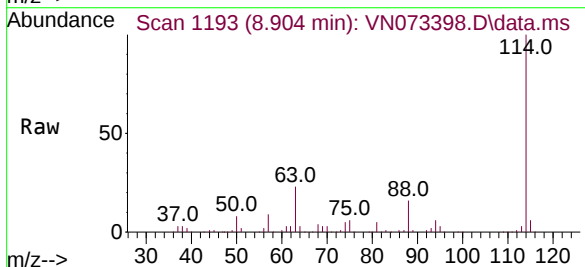
Tgt Ion: 114 Resp: 548569

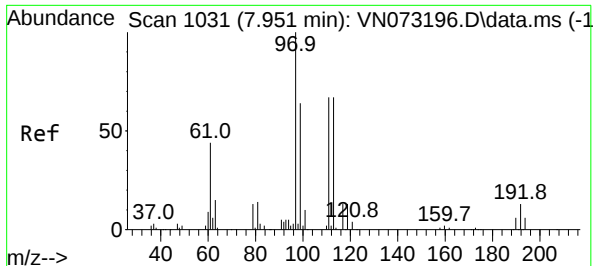
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.830 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

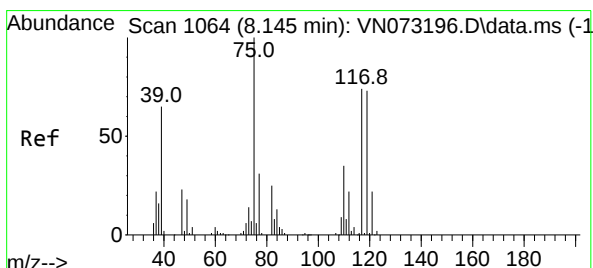
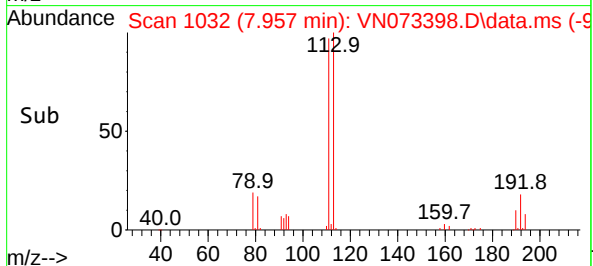
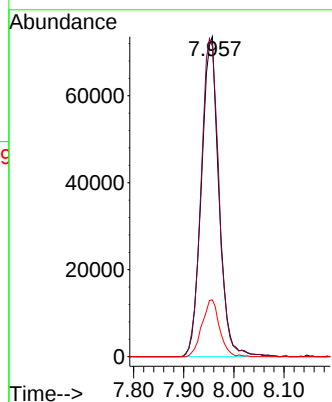
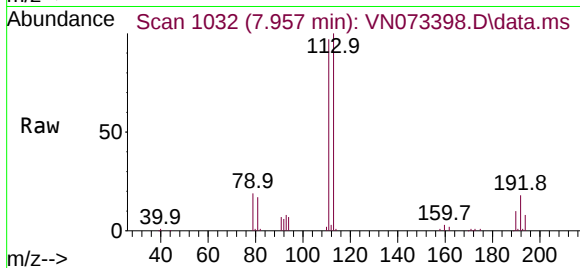
Tgt Ion:113 Resp: 178216

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 17.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.123 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

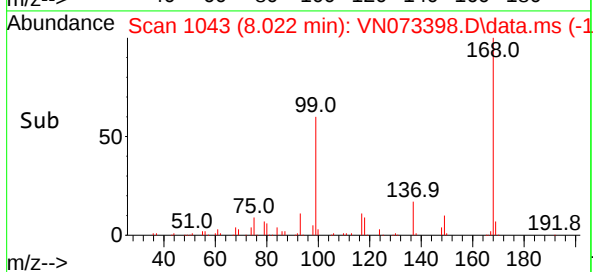
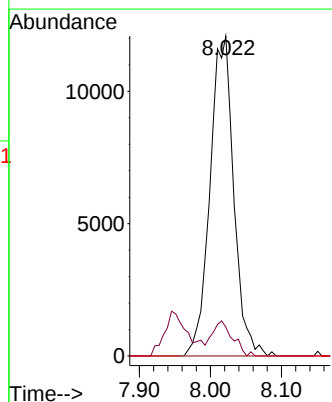
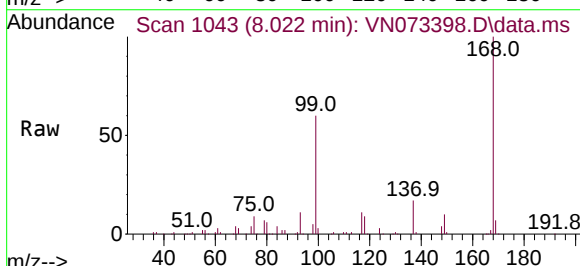
Tgt Ion: 75 Resp: 28019

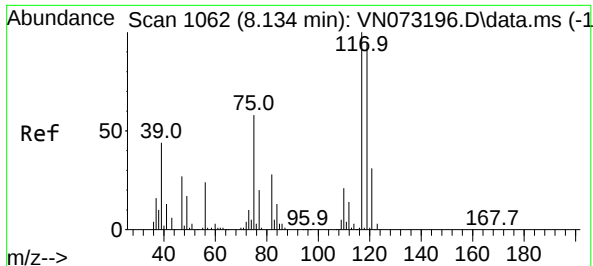
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 25.1 37.7#

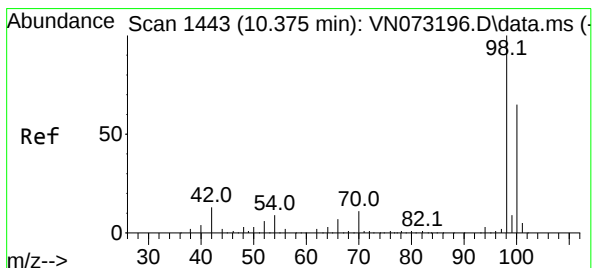
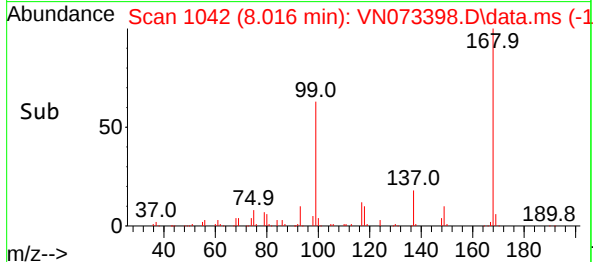
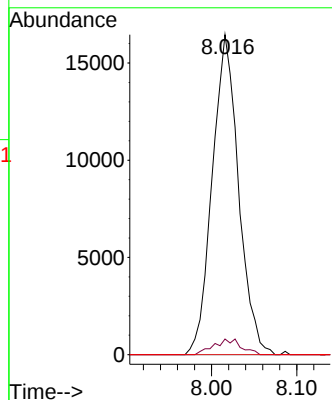
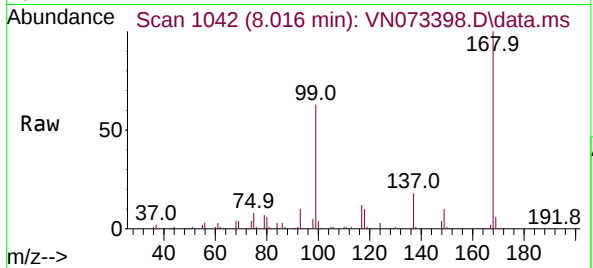




#38
Carbon Tetrachloride
Concen: 6.084 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

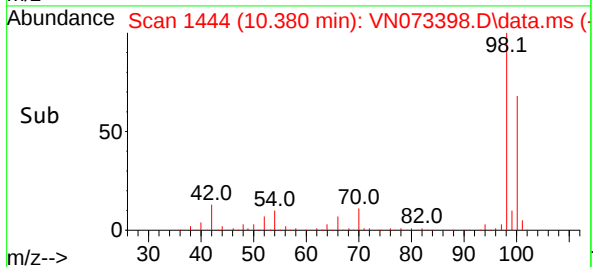
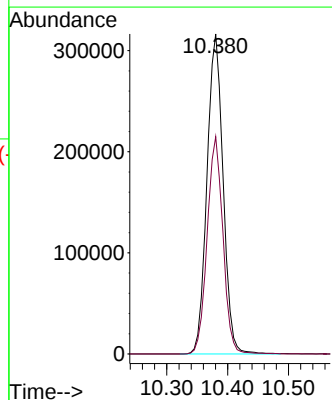
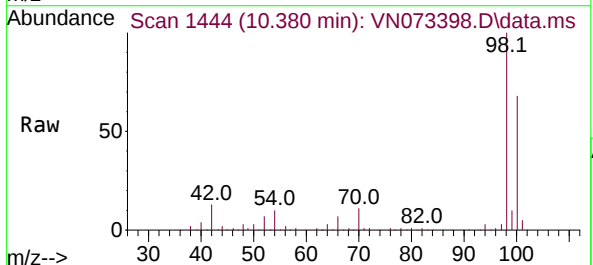
Instrument :
MSVOA_N
ClientSampleId :
IBLK

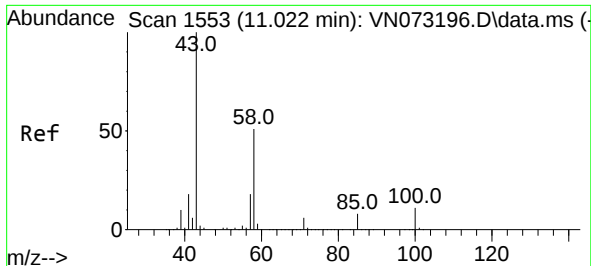
Tgt Ion:117 Resp: 35331
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.806 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

Tgt Ion: 98 Resp: 580793
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8

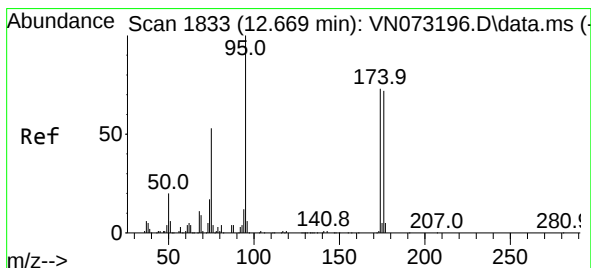
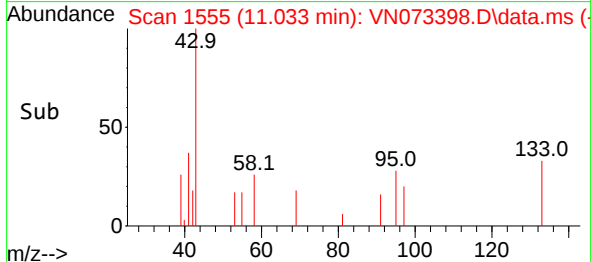
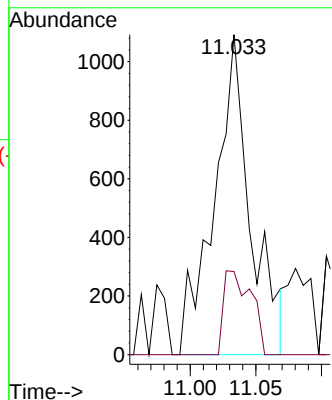
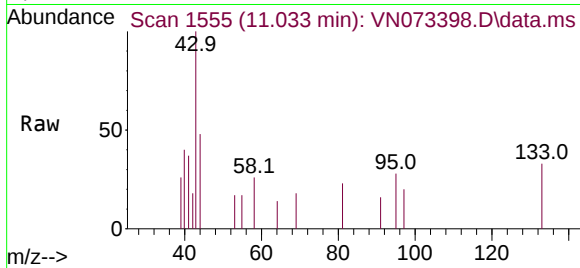




#59
2-Hexanone
Concen: 0.358 ug/l
RT: 11.033 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

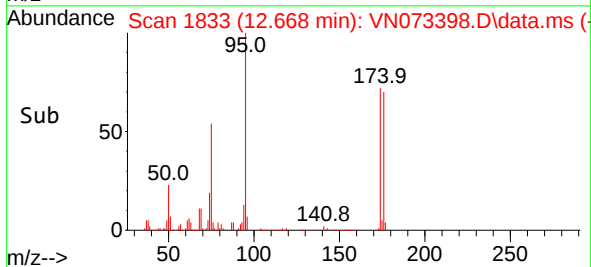
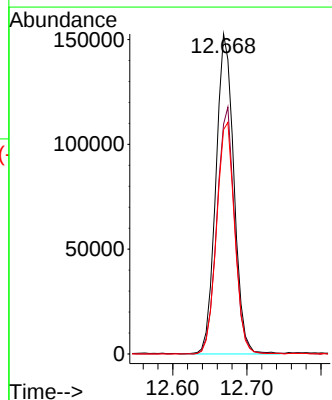
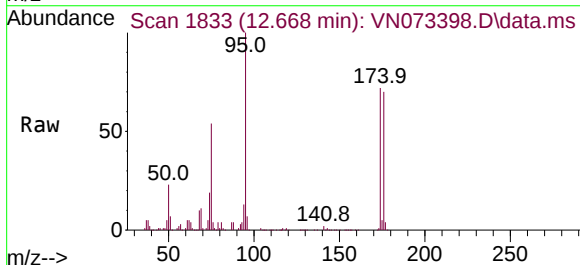
Instrument :
MSVOA_N
ClientSampleId :
IBLK

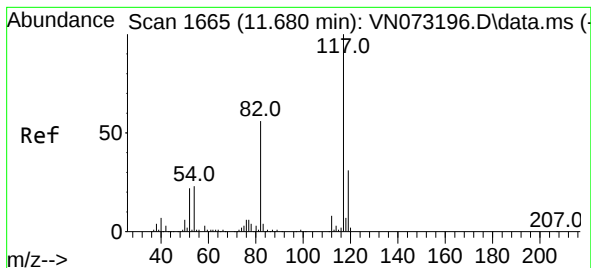
Tgt Ion: 43 Resp: 2109
Ion Ratio Lower Upper
43 100
58 19.7 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 51.743 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

Tgt Ion: 95 Resp: 257754
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 72.7 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

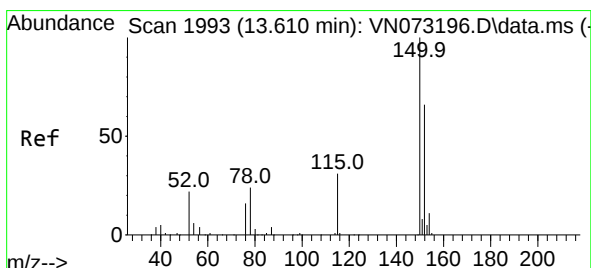
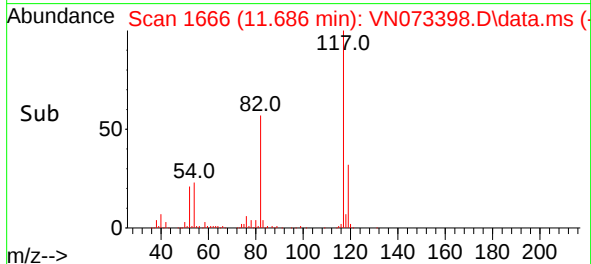
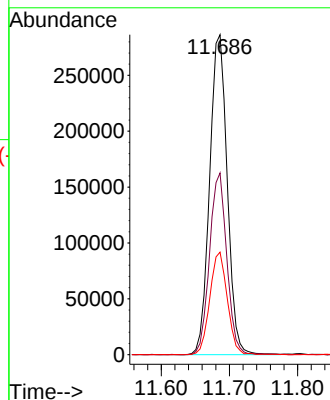
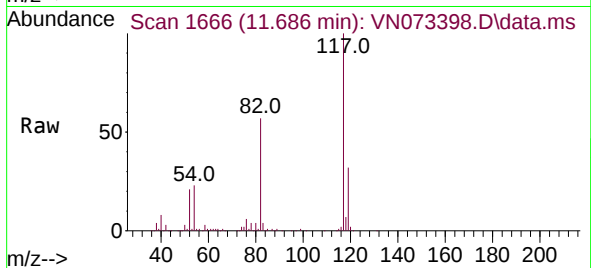
Tgt Ion:117 Resp: 514341

Ion Ratio Lower Upper

117 100

82 56.8 44.2 66.2

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

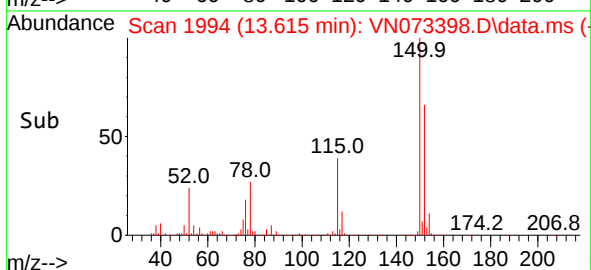
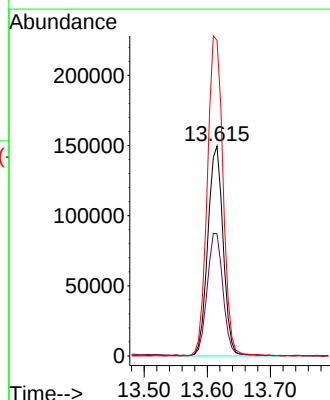
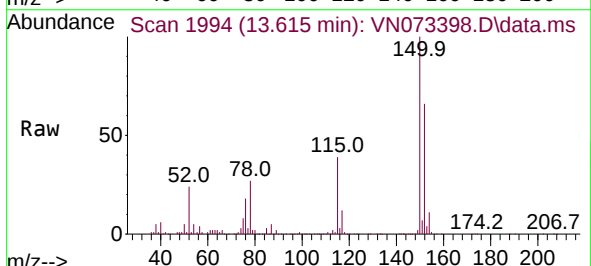
Tgt Ion:152 Resp: 252378

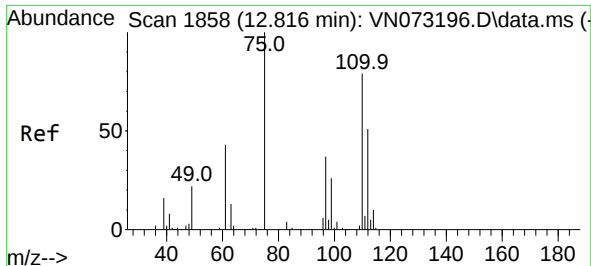
Ion Ratio Lower Upper

152 100

115 60.0 28.9 86.7

150 156.5 0.0 356.2

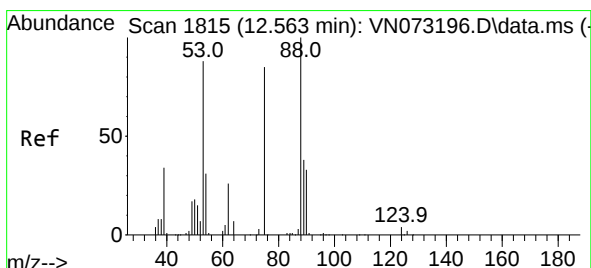
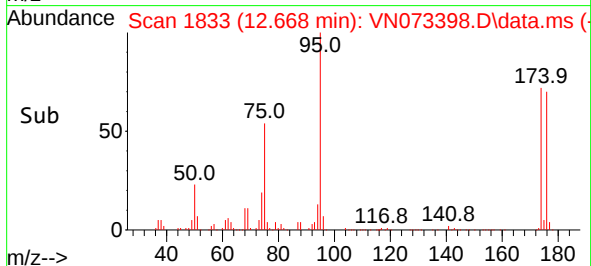
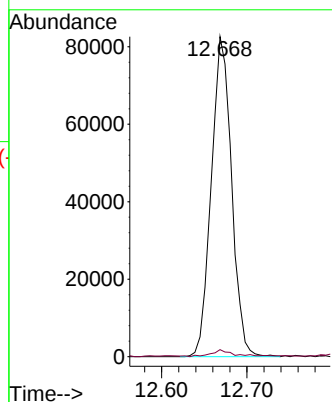
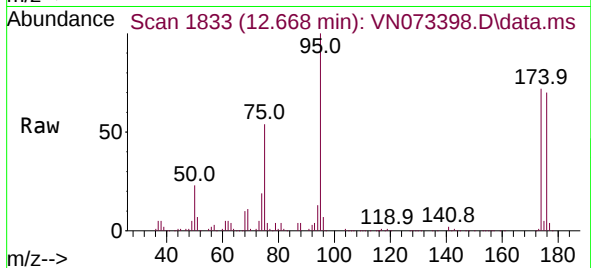




#76
1,2,3-Trichloropropane
Concen: 20.695 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

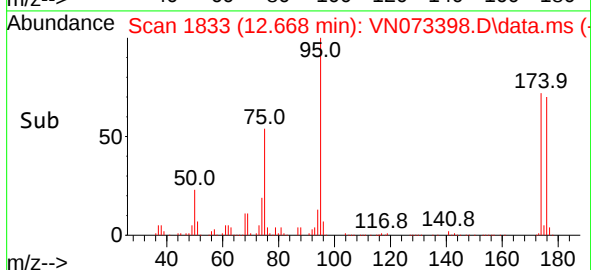
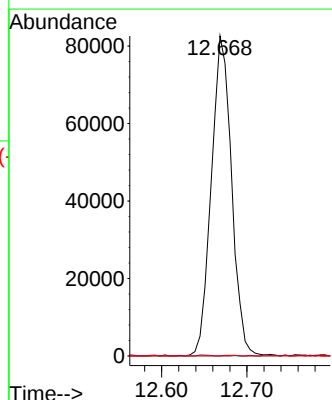
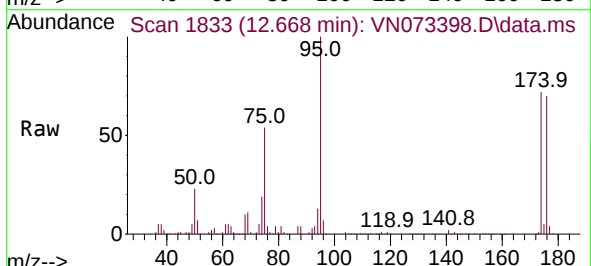
Instrument :
MSVOA_N
ClientSampleId :
IBLK

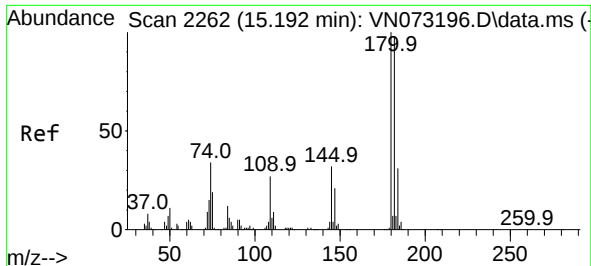
Tgt Ion: 75 Resp: 136572
Ion Ratio Lower Upper
75 100
77 2.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.756 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

Tgt Ion: 75 Resp: 136572
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

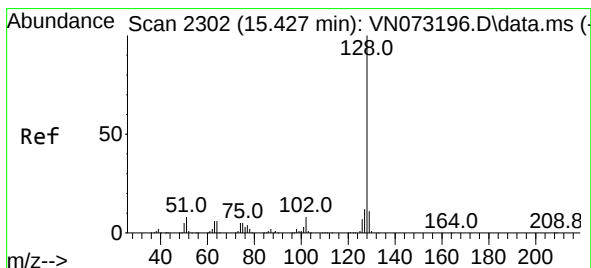
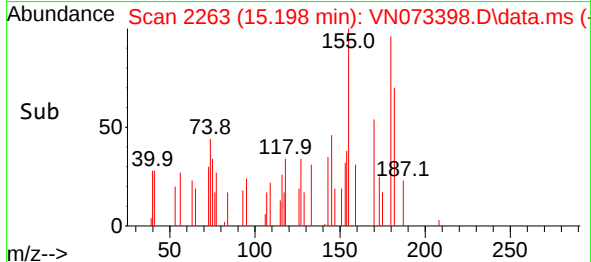
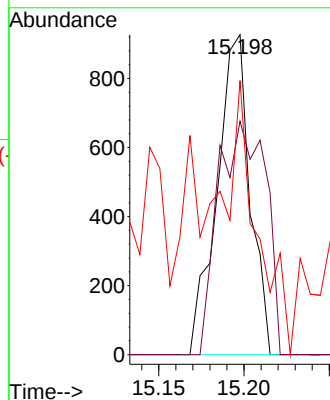
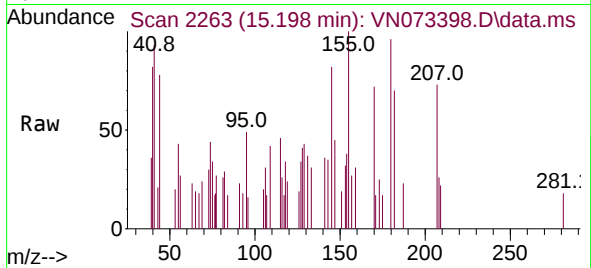




#93
1,2,4-Trichlorobenzene
Concen: 0.259 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

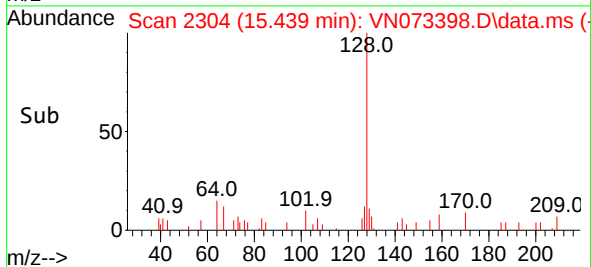
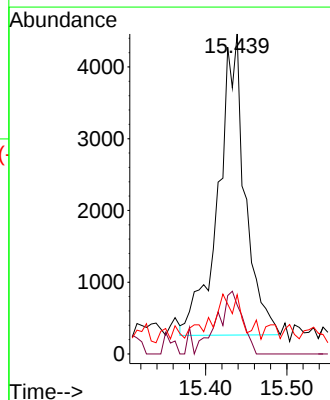
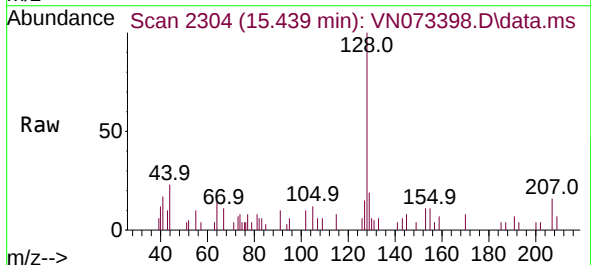
Instrument :
MSVOA_N
ClientSampleId :
IBLK

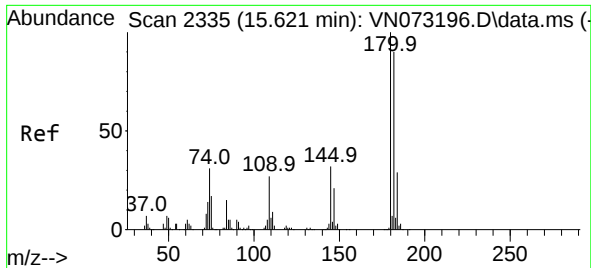
Tgt Ion:180 Resp: 1251
Ion Ratio Lower Upper
180 100
182 104.8 47.5 142.5
145 80.3 14.5 43.5#



#95
Naphthalene
Concen: 0.493 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.012 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

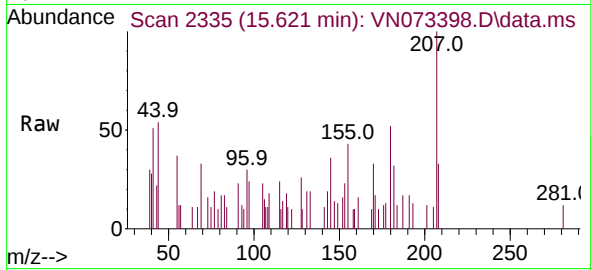
Tgt Ion:128 Resp: 9593
Ion Ratio Lower Upper
128 100
127 19.7 10.3 15.5#
129 13.8 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.297 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073398.D
 Acq: 08 Jul 2022 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion	Ratio	Lower	Upper
180	100		
182	76.4	47.8	143.3
145	116.1	15.5	46.5#

