

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073390.D
 Acq On : 08 Jul 2022 14:03
 Operator : JC\MD
 Sample : N3636-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-070722

Quant Time: Jul 09 05:24:35 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)

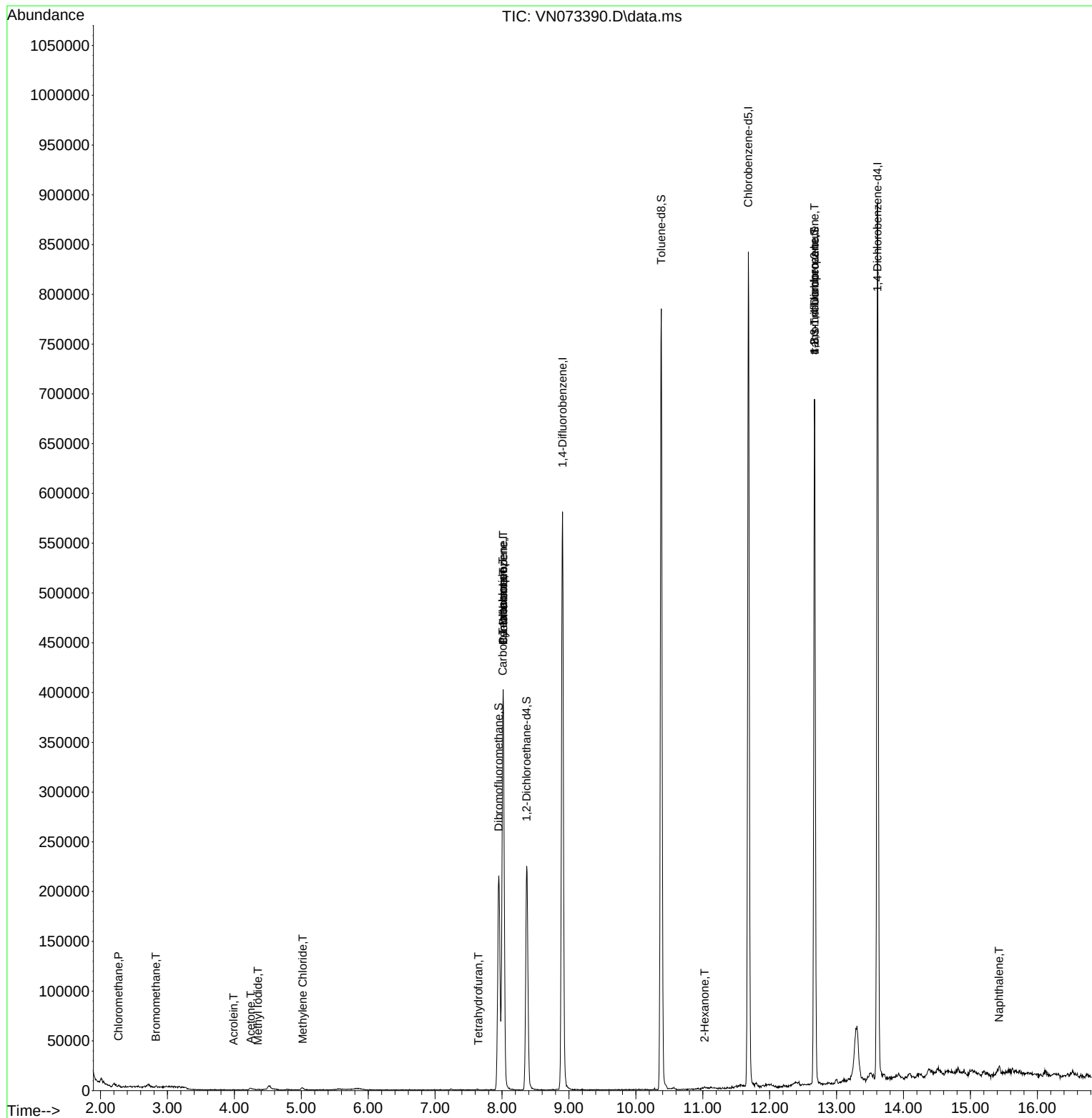
Internal Standards						
1) Pentafluorobenzene	8.016	168	305943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	510261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	474286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	232963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194155	43.960	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.920%
35) Dibromofluoromethane	7.951	113	159248	46.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	10.381	98	543840	45.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.669	95	241827	52.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.380%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	903	0.208	ug/l #	77
5) Bromomethane	2.828	94	427	0.245	ug/l	83
10) Methyl Iodide	4.352	142	267	3.784	ug/l #	73
13) Acrolein	3.987	56	138	0.204	ug/l #	16
16) Acetone	4.246	43	2696	1.087	ug/l #	79
20) Methylene Chloride	5.022	84	1440	0.331	ug/l #	57
29) Tetrahydrofuran	7.645	42	659	0.244	ug/l #	29
31) Cyclohexane	8.016	56	7348	1.016	ug/l #	36
36) 1,1-Dichloropropene	8.016	75	23877	4.571	ug/l #	49
38) Carbon Tetrachloride	8.010	117	30363	5.621	ug/l #	14
59) 2-Hexanone	11.028	43	1504	0.274	ug/l	71
76) 1,2,3-Trichloropropane	12.669	75	126337	20.740	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	126337	56.878	ug/l #	11
95) Naphthalene	15.427	128	7447	0.415	ug/l #	93

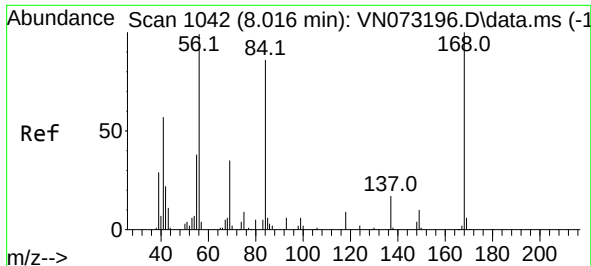
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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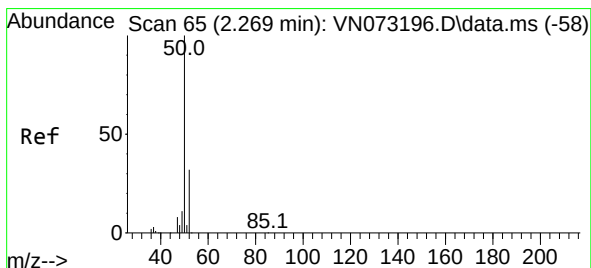
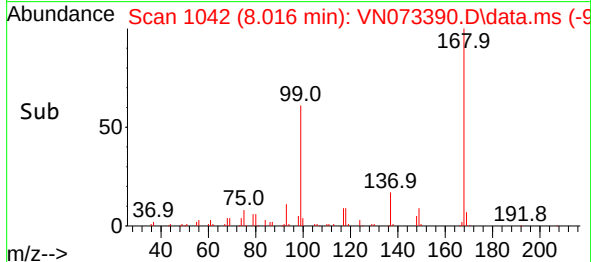
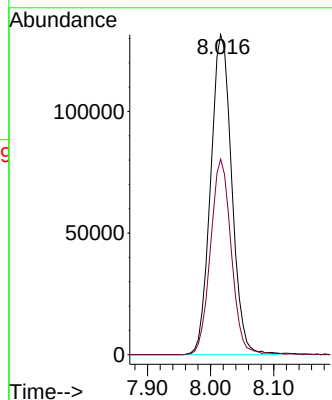
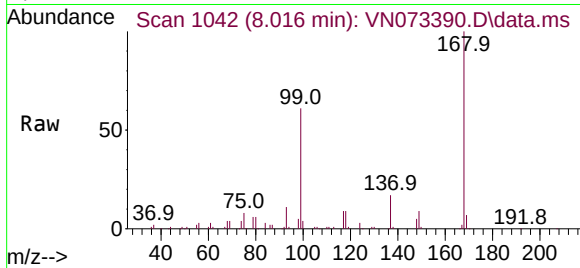




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

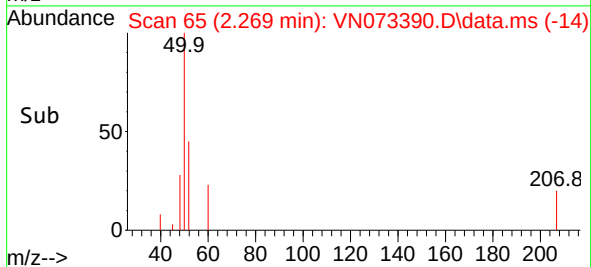
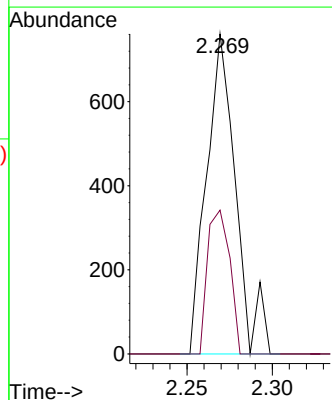
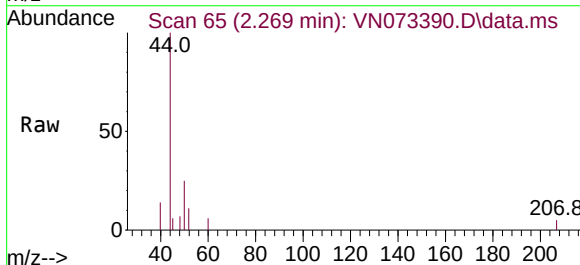
Instrument :
MSVOA_N
ClientSampleId :
TB-01-070722

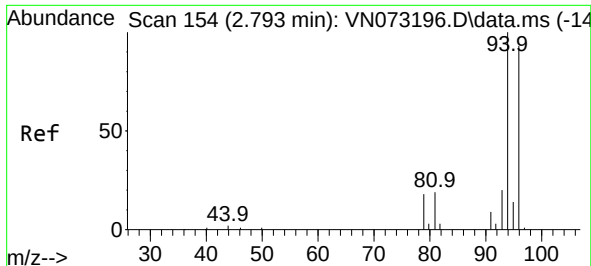
Tgt Ion:168 Resp: 305943
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#3
Chloromethane
Concen: 0.208 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

Tgt Ion: 50 Resp: 903
Ion Ratio Lower Upper
50 100
52 44.9 25.7 38.5#

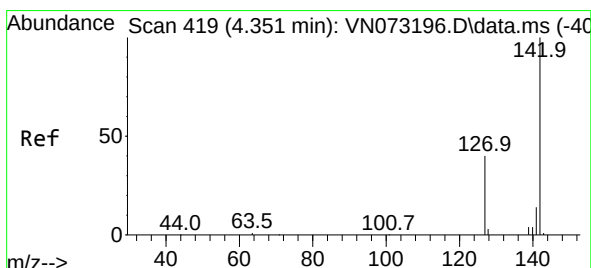
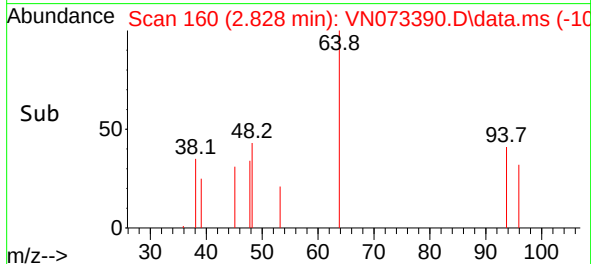
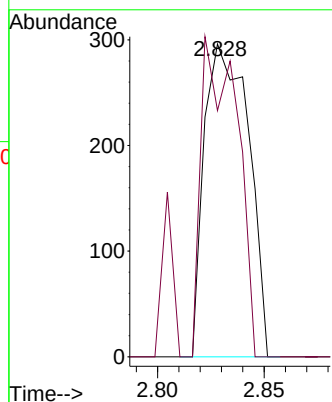
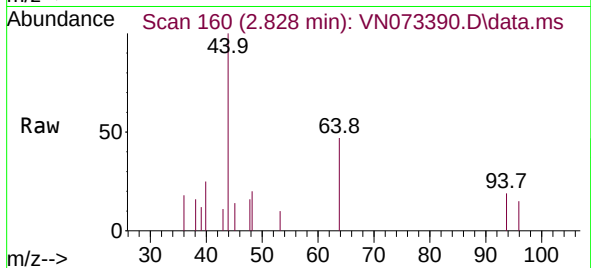




#5
Bromomethane
Concen: 0.245 ug/l
RT: 2.828 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

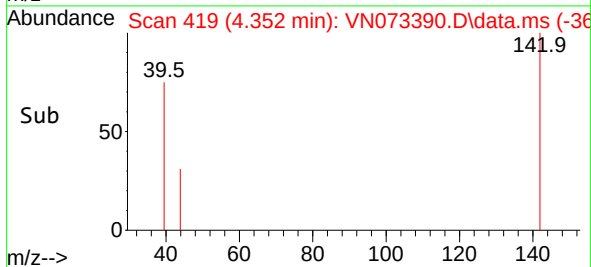
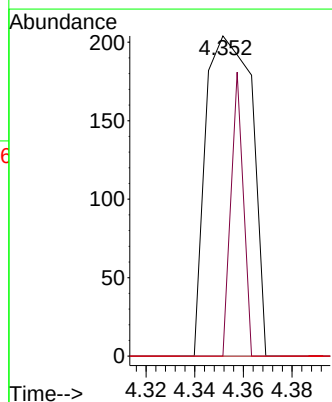
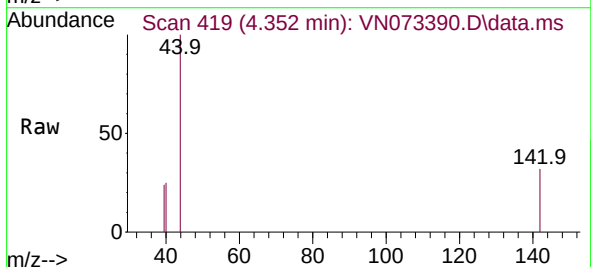
Instrument :
MSVOA_N
ClientSampleId :
TB-01-070722

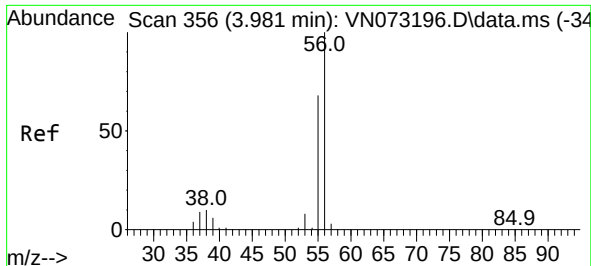
Tgt Ion: 94 Resp: 427
Ion Ratio Lower Upper
94 100
96 78.7 76.0 114.0



#10
Methyl Iodide
Concen: 3.784 ug/l
RT: 4.352 min Scan# 419
Delta R.T. 0.001 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

Tgt Ion:142 Resp: 267
Ion Ratio Lower Upper
142 100
127 24.0 31.3 46.9#
141 0.0 11.2 16.8#

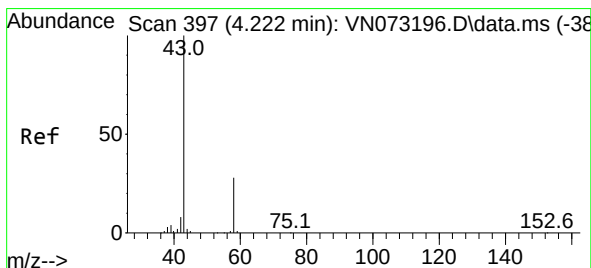
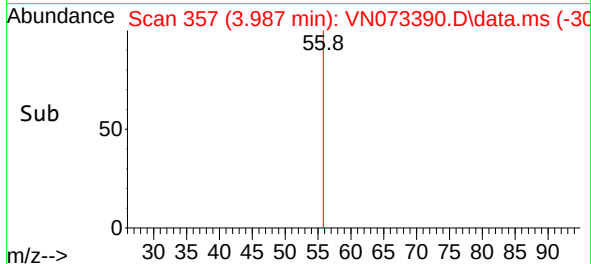
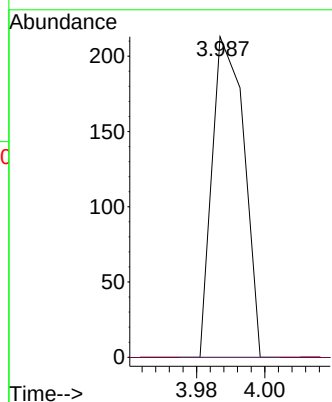
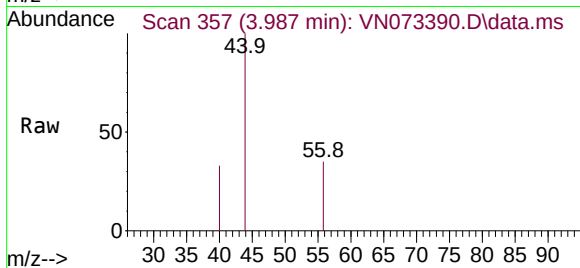




#13
Acrolein
Concen: 0.204 ug/l
RT: 3.987 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

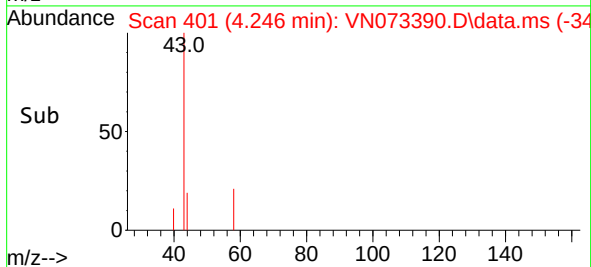
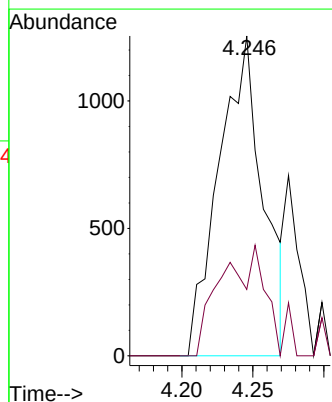
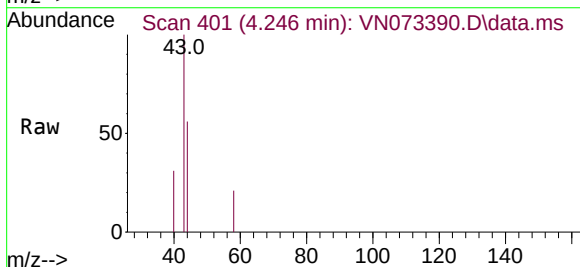
Instrument :
MSVOA_N
ClientSampleId :
TB-01-070722

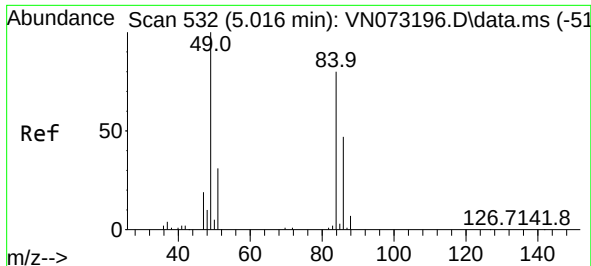
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 1.087 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
58 20.8 26.0 39.0#



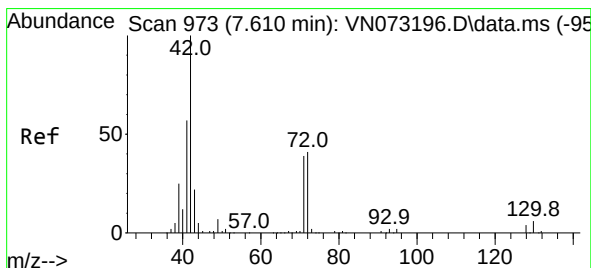
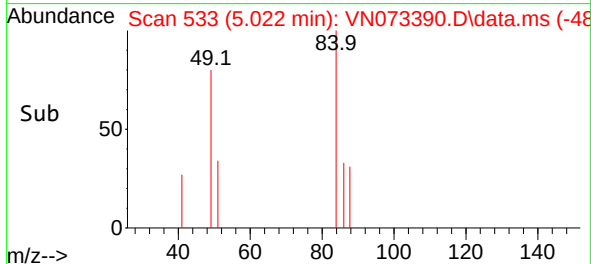
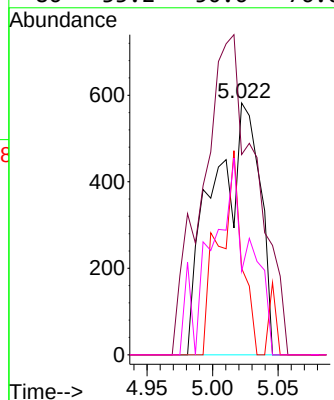
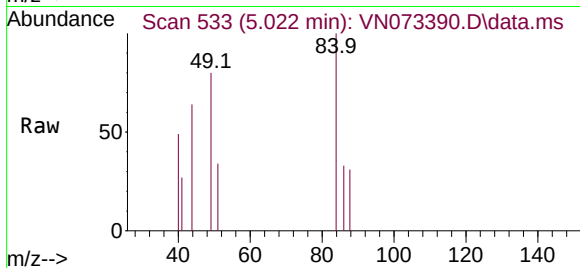


#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 5.022 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

Instrument :
MSVOA_N
ClientSampleId :
TB-01-070722

Tgt Ion: 84 Resp: 1440

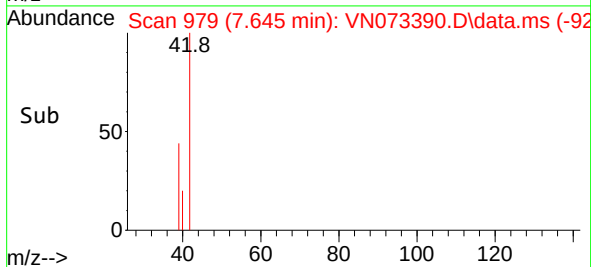
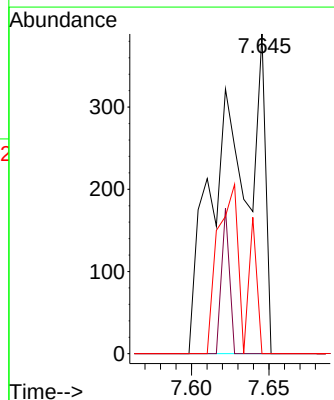
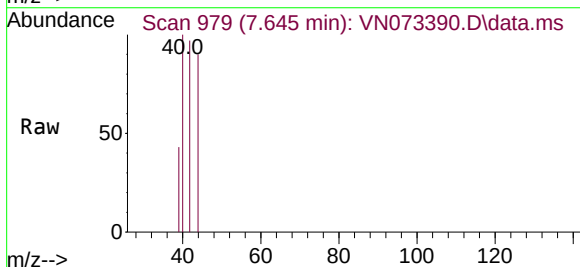
Ion	Ratio	Lower	Upper
84	100		
49	48.3	88.3	132.5#
51	34.4	28.2	42.2
86	33.2	50.6	76.0#

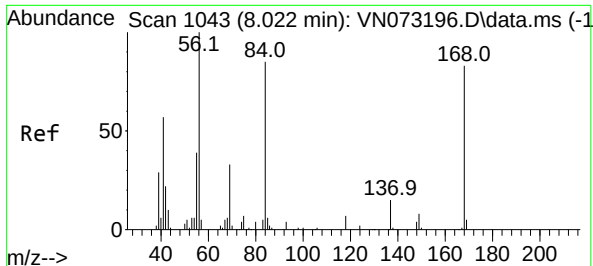


#29
Tetrahydrofuran
Concen: 0.244 ug/l
RT: 7.645 min Scan# 979
Delta R.T. 0.035 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

Tgt Ion: 42 Resp: 659

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.7	59.5#
71	0.0	36.6	55.0#





#31

Cyclohexane

Concen: 1.016 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

TB-01-070722

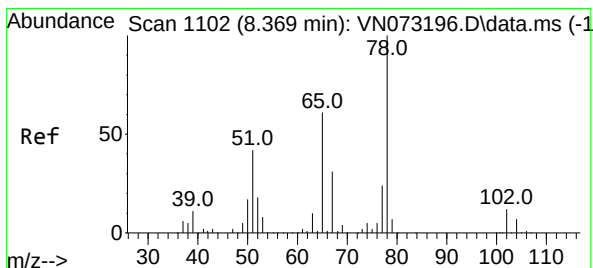
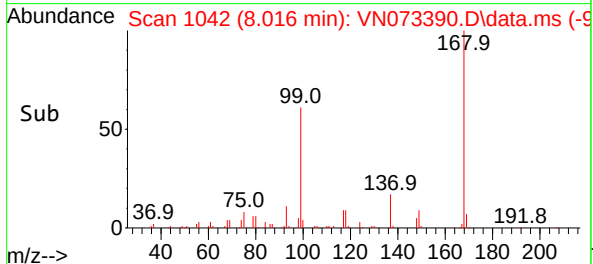
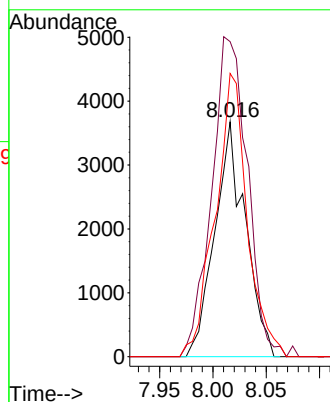
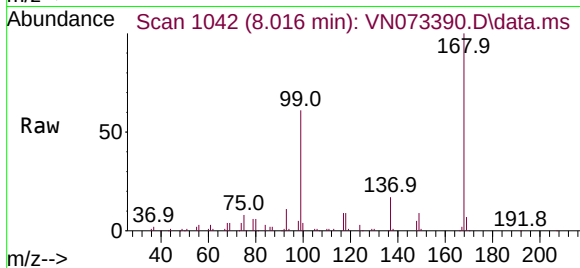
Tgt Ion: 56 Resp: 7348

Ion Ratio Lower Upper

56 100

69 134.1 27.8 41.8#

84 120.6 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 43.960 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073390.D

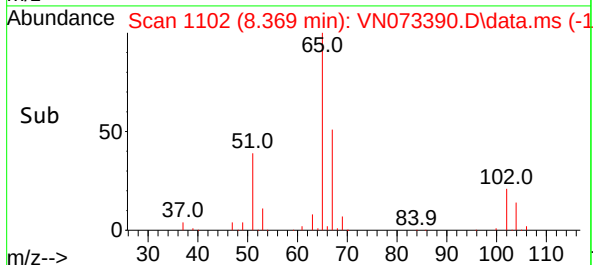
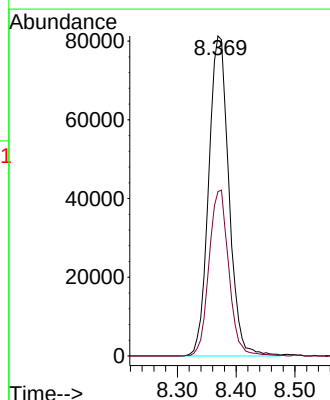
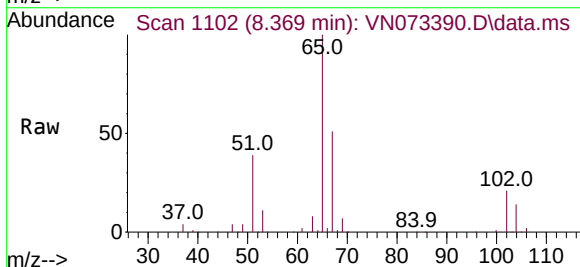
Acq: 08 Jul 2022 14:03

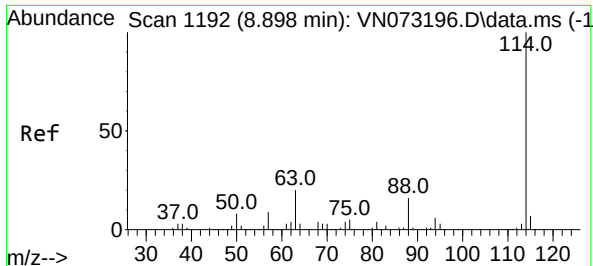
Tgt Ion: 65 Resp: 194155

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

TB-01-070722

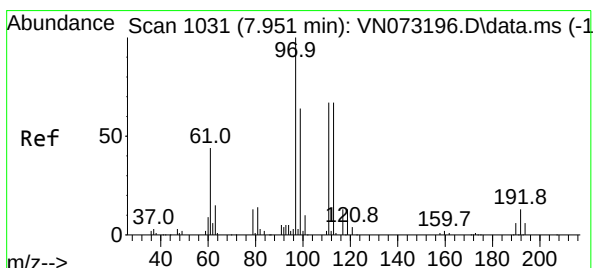
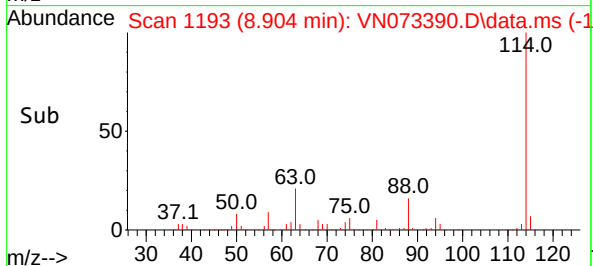
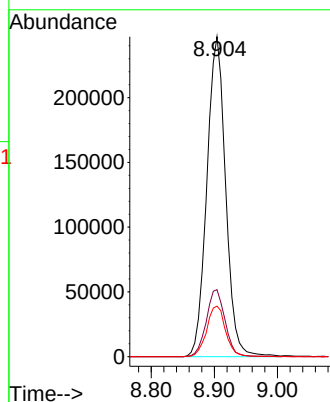
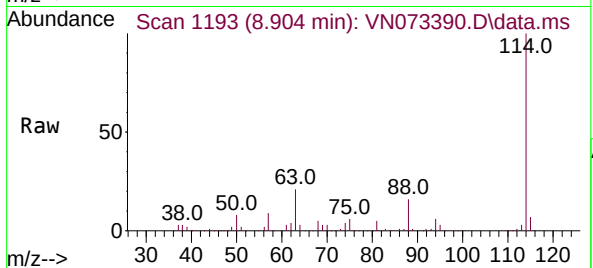
Tgt Ion:114 Resp: 510261

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.909 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

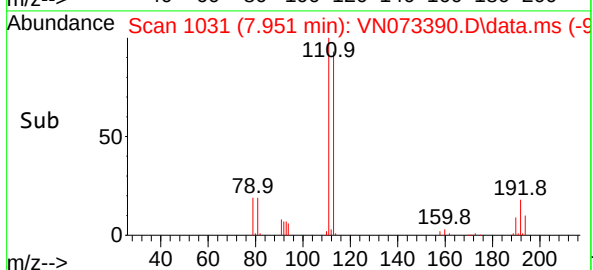
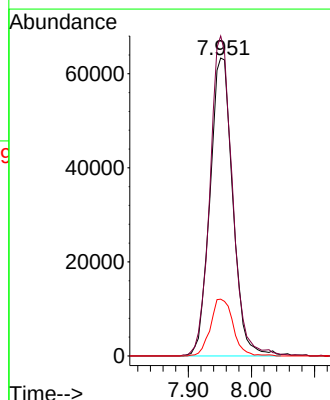
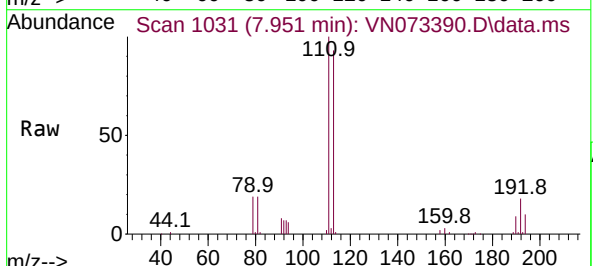
Tgt Ion:113 Resp: 159248

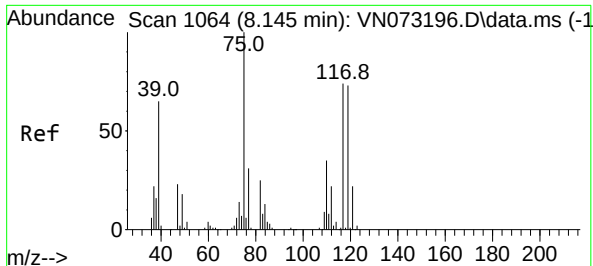
Ion Ratio Lower Upper

113 100

111 105.5 81.4 122.0

192 18.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.571 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

Instrument :

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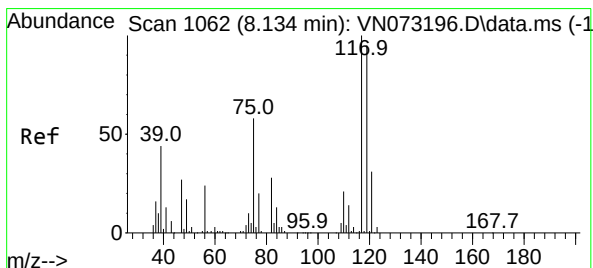
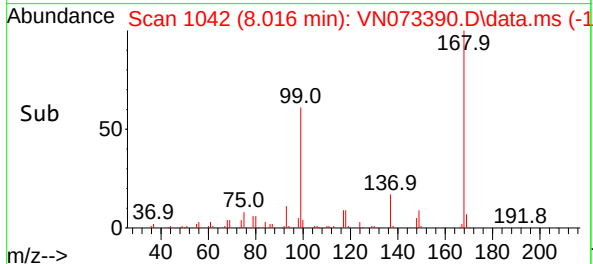
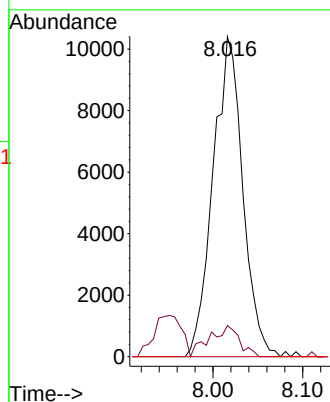
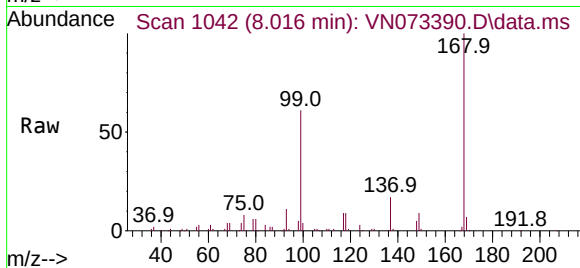
Tgt Ion: 75 Resp: 23877

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.621 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.124 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

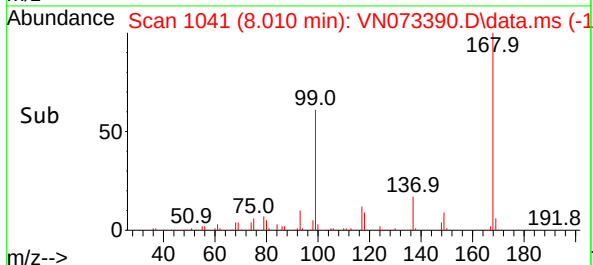
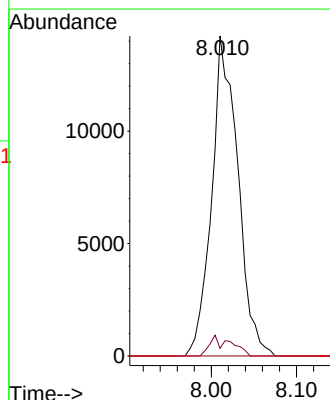
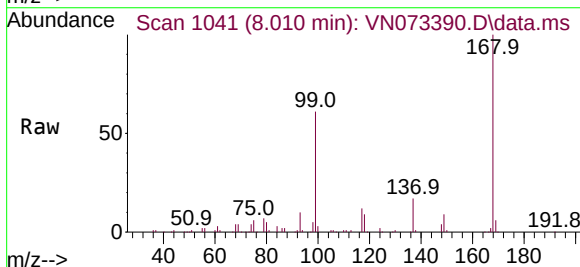
Tgt Ion: 117 Resp: 30363

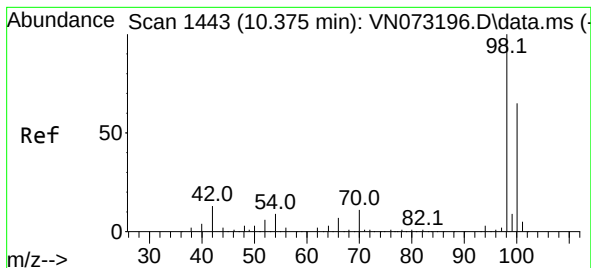
Ion Ratio Lower Upper

117 100

119 2.4 75.8 113.8#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 45.105 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN073390.D

Acq: 08 Jul 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

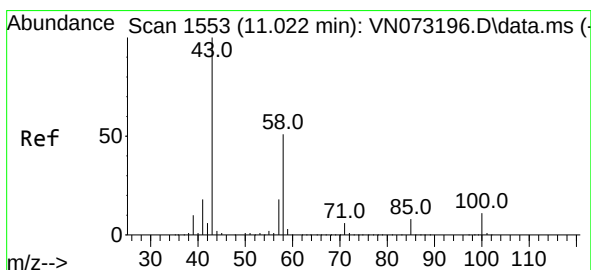
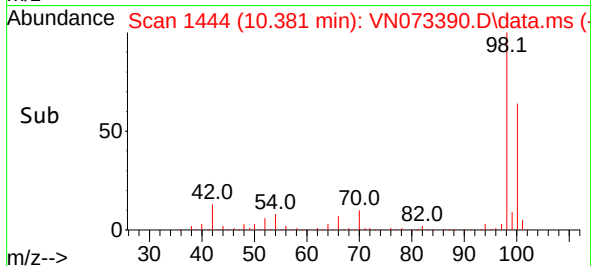
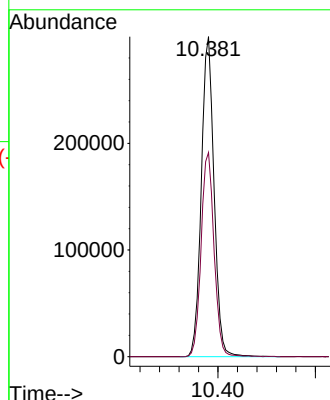
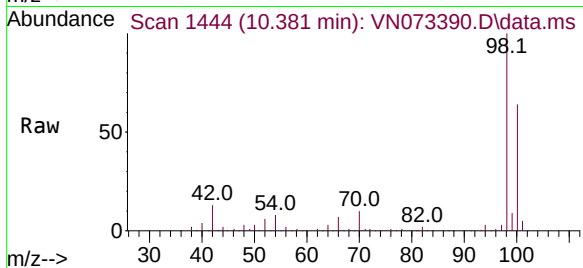
TB-01-070722

Tgt Ion: 98 Resp: 543840

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8



#59

2-Hexanone

Concen: 0.274 ug/l

RT: 11.028 min Scan# 1554

Delta R.T. 0.006 min

Lab File: VN073390.D

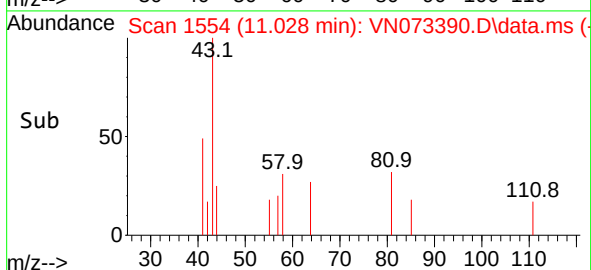
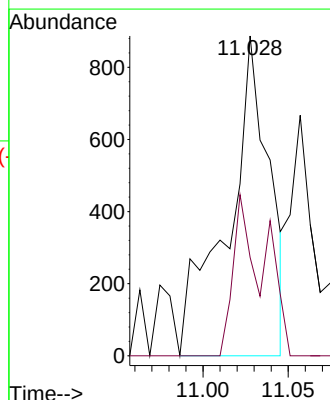
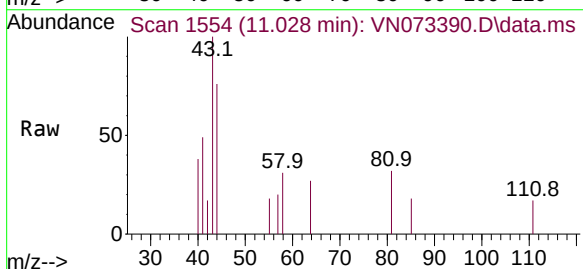
Acq: 08 Jul 2022 14:03

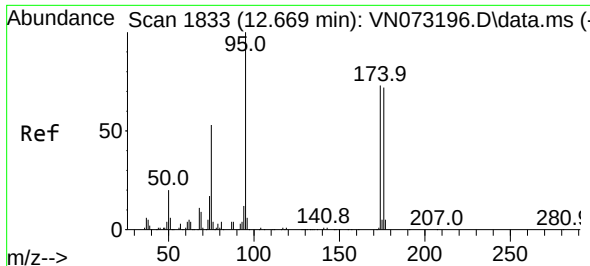
Tgt Ion: 43 Resp: 1504

Ion Ratio Lower Upper

43 100

58 37.3 29.7 89.1

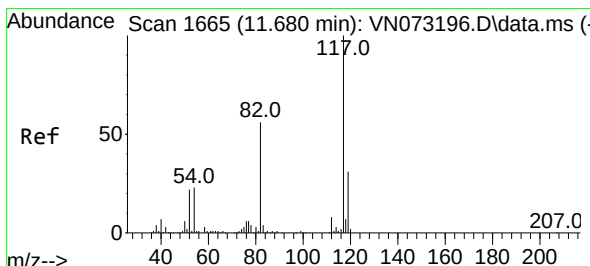
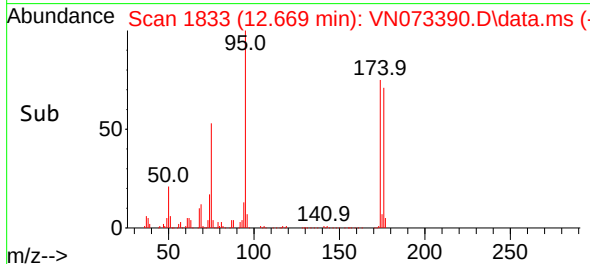
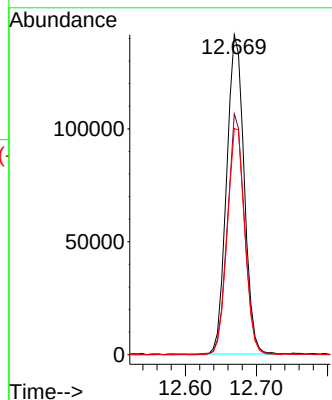
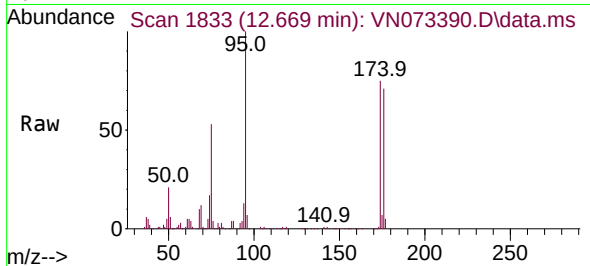




#62
4-Bromofluorobenzene
Concen: 52.190 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

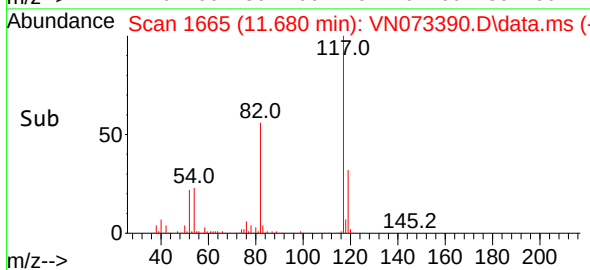
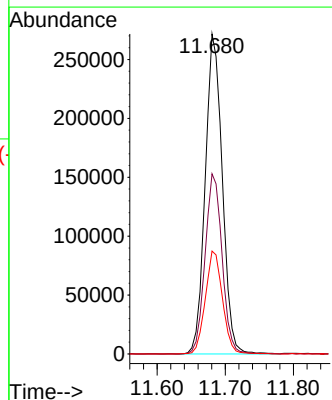
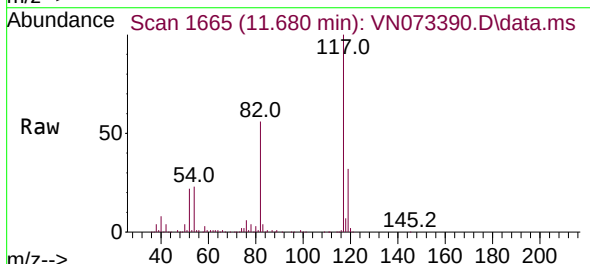
Instrument :
MSVOA_N
ClientSampleId :
TB-01-070722

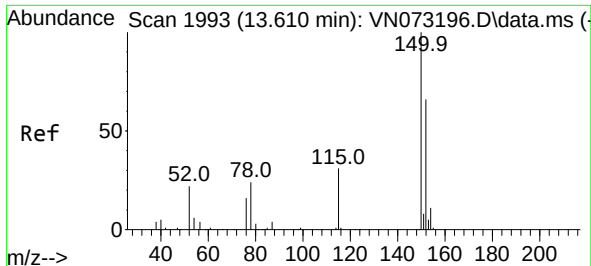
Tgt Ion: 95 Resp: 241827
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 71.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073390.D
Acq: 08 Jul 2022 14:03

Tgt Ion: 117 Resp: 474286
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 32.2 25.4 38.0

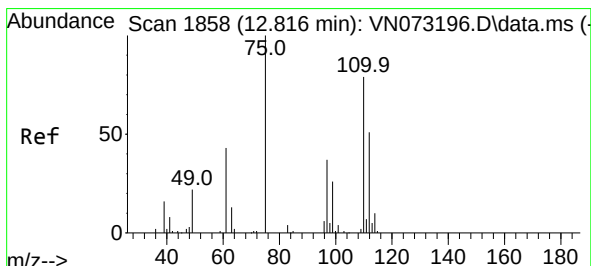
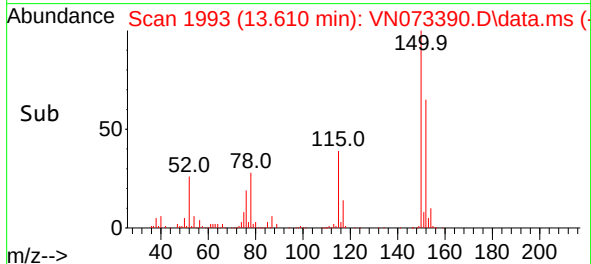
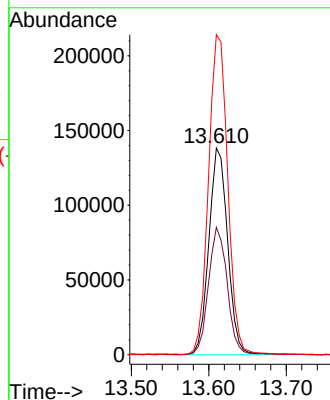
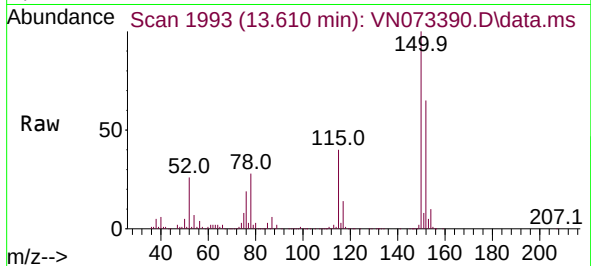




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073390.D
 Acq: 08 Jul 2022 14:03

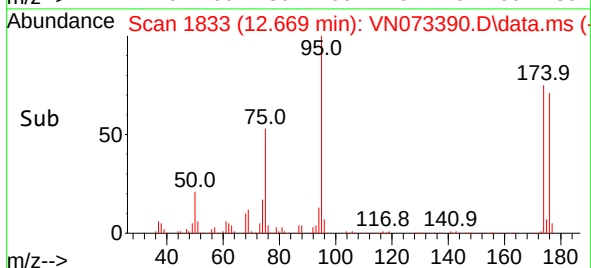
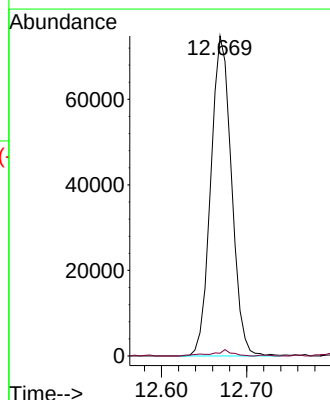
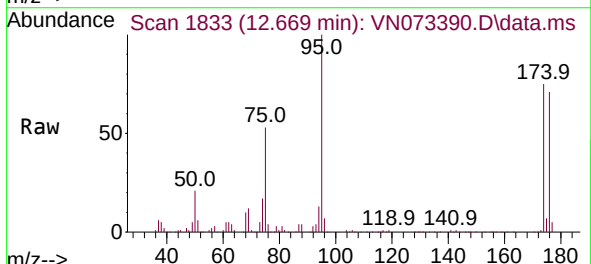
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-070722

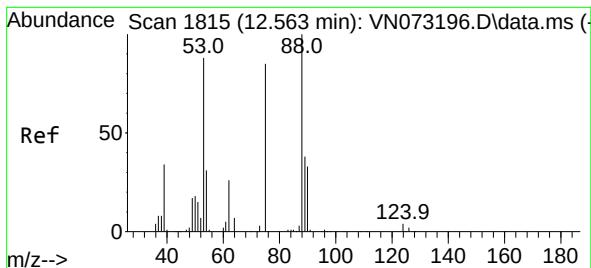
Tgt Ion:152 Resp: 232963
 Ion Ratio Lower Upper
 152 100
 115 61.0 28.9 86.7
 150 158.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.740 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073390.D
 Acq: 08 Jul 2022 14:03

Tgt Ion: 75 Resp: 126337
 Ion Ratio Lower Upper
 75 100
 77 1.8 98.5 295.5#

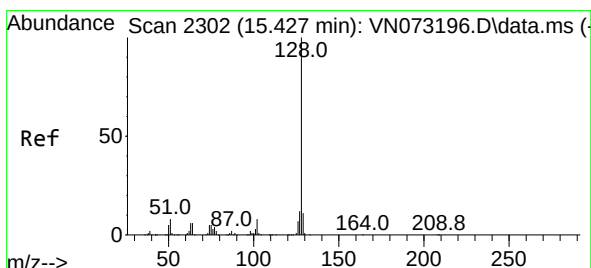
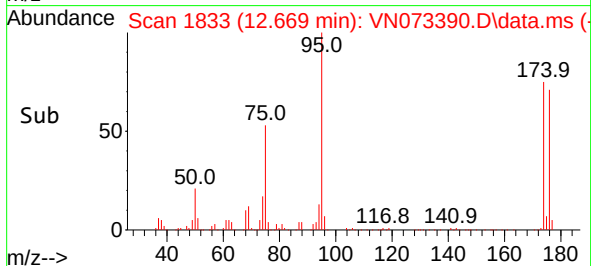
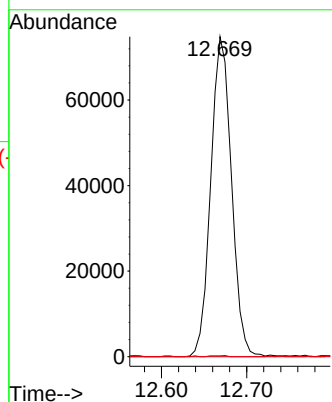
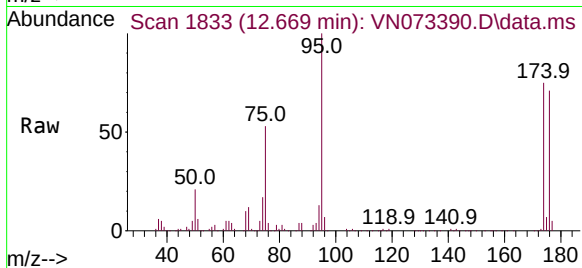




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.878 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. 0.106 min
 Lab File: VN073390.D
 Acq: 08 Jul 2022 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-070722

Tgt Ion: 75 Resp: 126337
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.0 117.0#
 89 0.0 37.2 55.8#



#95
 Naphthalene
 Concen: 0.415 ug/l
 RT: 15.427 min Scan# 2302
 Delta R.T. 0.000 min
 Lab File: VN073390.D
 Acq: 08 Jul 2022 14:03

Tgt Ion:128 Resp: 7447
 Ion Ratio Lower Upper
 128 100
 127 9.7 10.3 15.5#
 129 8.9 8.6 13.0

