

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073217.D
 Acq On : 28 Jun 2022 23:28
 Operator : JC\MD
 Sample : N3409-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB061722

Quant Time: Jun 29 02:04:51 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)

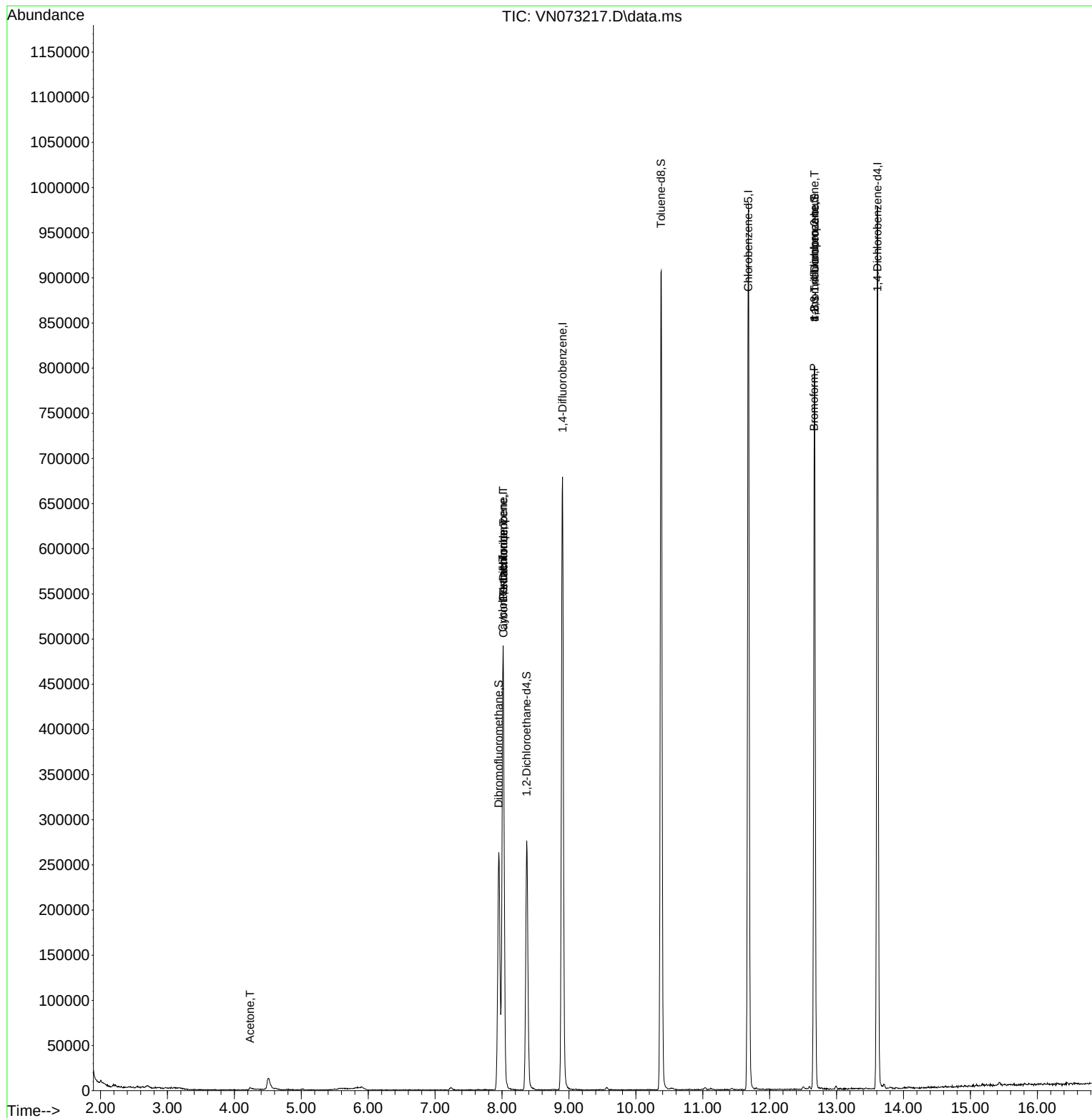
Internal Standards						
1) Pentafluorobenzene	8.016	168	367052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	604065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	547365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	255515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	228456	43.115	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.220%
35) Dibromofluoromethane	7.951	113	193880	48.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	10.375	98	639831	44.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.669	95	275347	50.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.400%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	4797	1.613	ug/l	93
31) Cyclohexane	8.010	56	8355	0.963	ug/l #	2
36) 1,1-Dichloropropene	8.016	75	29304	4.739	ug/l #	49
38) Carbon Tetrachloride	8.022	117	39019	6.102	ug/l #	16
71) Bromoform	12.663	173	2091	0.628	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	141282	21.146	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	141282	57.993	ug/l #	10

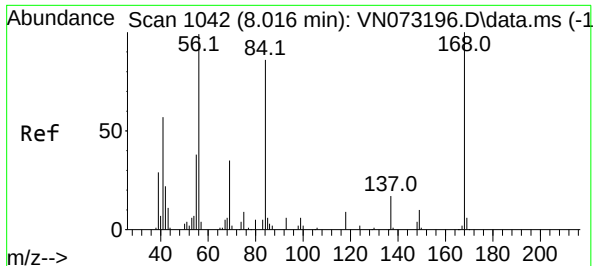
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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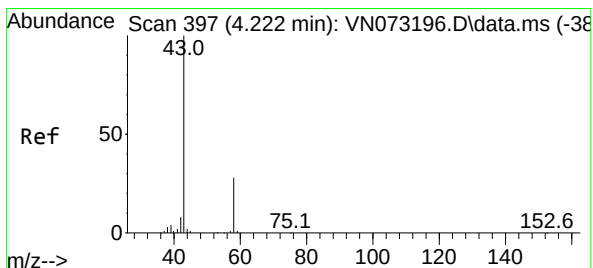
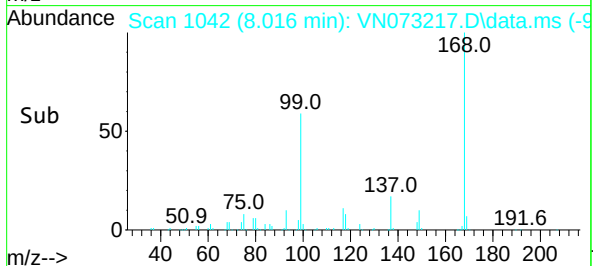
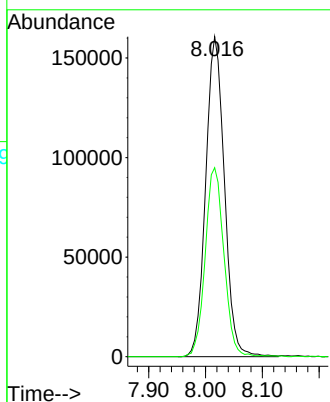
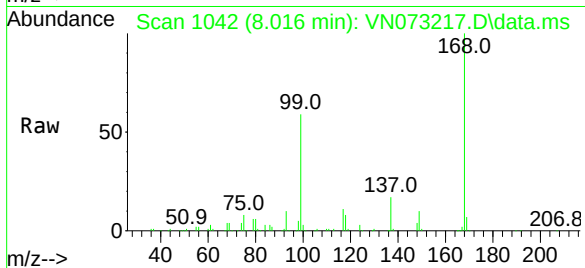




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073217.D
Acq: 28 Jun 2022 23:28

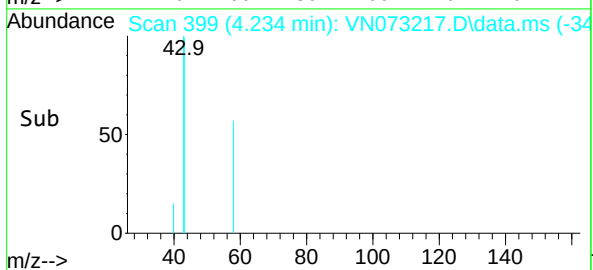
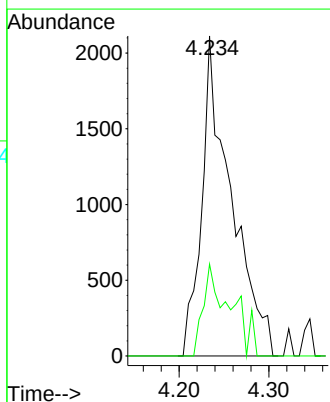
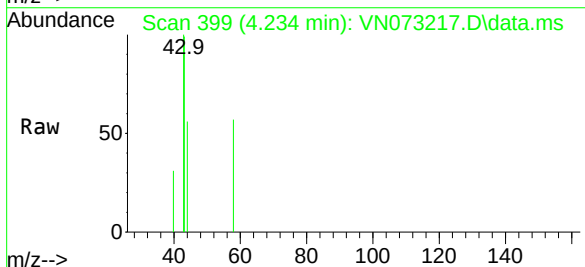
Instrument :
MSVOA_N
ClientSampleId :
TB061722

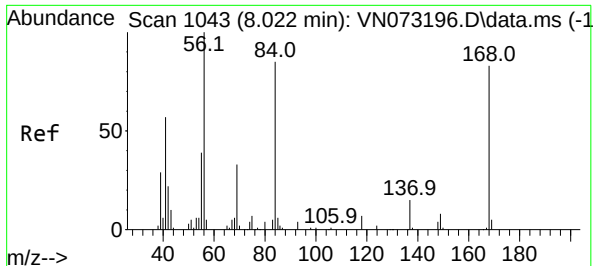
Tgt Ion:168 Resp: 367052
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#16
Acetone
Concen: 1.613 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073217.D
Acq: 28 Jun 2022 23:28

Tgt Ion: 43 Resp: 4797
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0

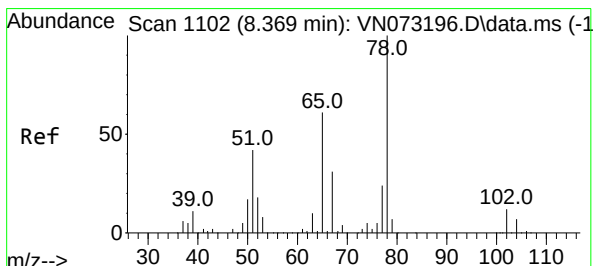
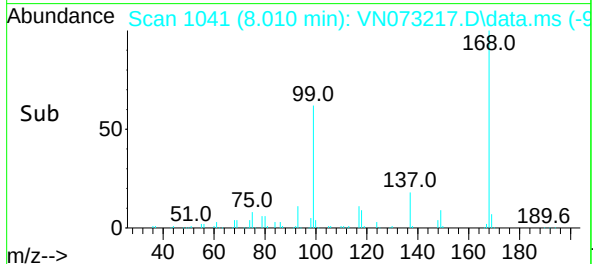
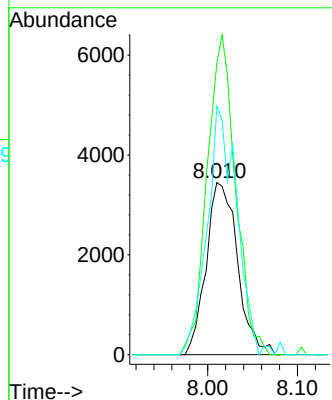
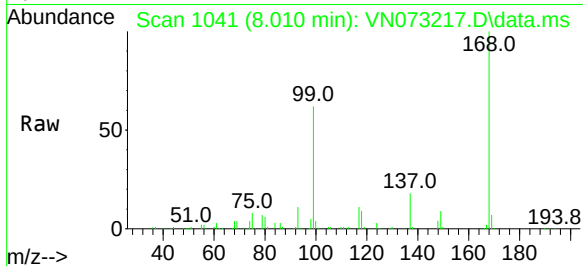




#31
Cyclohexane
Concen: 0.963 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073217.D
Acq: 28 Jun 2022 23:28

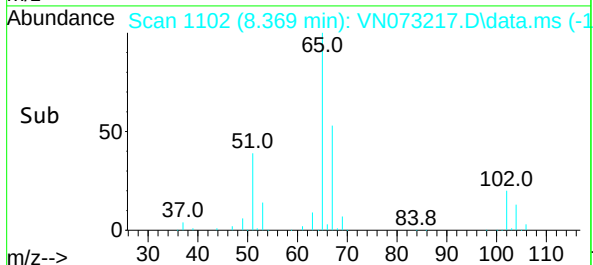
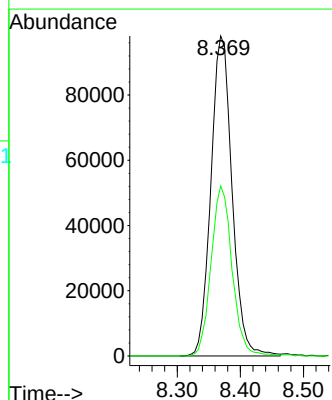
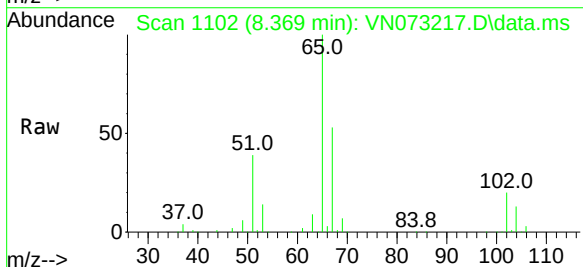
Instrument :
MSVOA_N
ClientSampleId :
TB061722

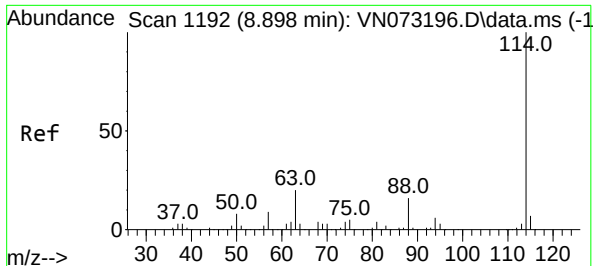
Tgt Ion: 56 Resp: 8355
Ion Ratio Lower Upper
56 100
69 169.5 27.8 41.8#
84 144.4 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.115 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073217.D
Acq: 28 Jun 2022 23:28

Tgt Ion: 65 Resp: 228456
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# 1192

Delta R.T. 0.006 min

Lab File: VN073217.D

Acq: 28 Jun 2022 23:28

Instrument :

MSVOA_N

ClientSampleId :

TB061722

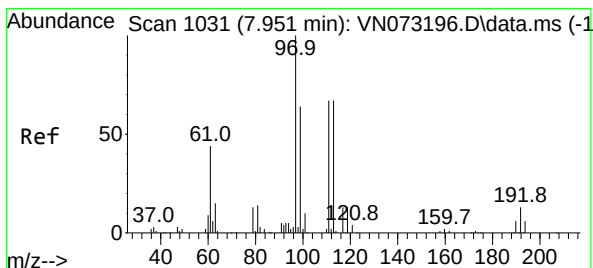
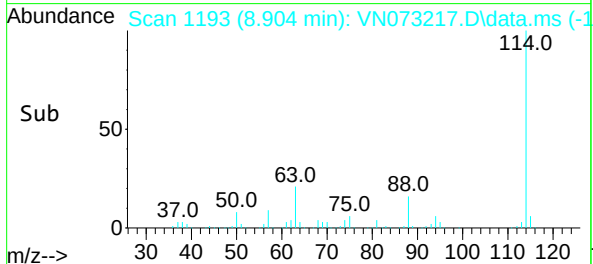
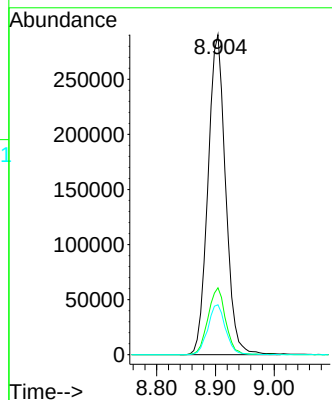
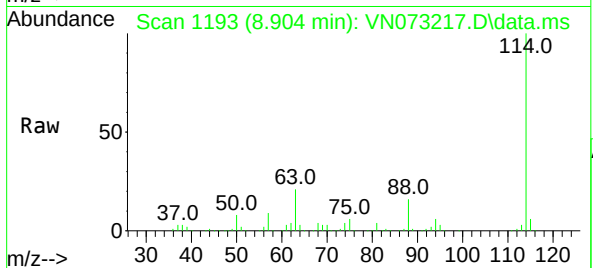
Tgt Ion:114 Resp: 604065

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.242 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073217.D

Acq: 28 Jun 2022 23:28

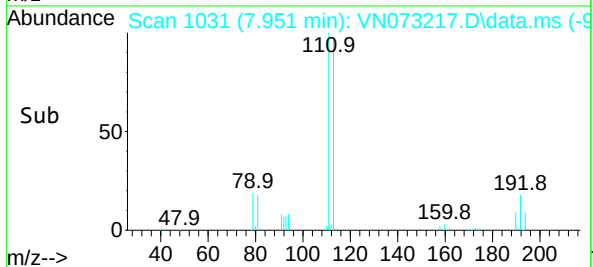
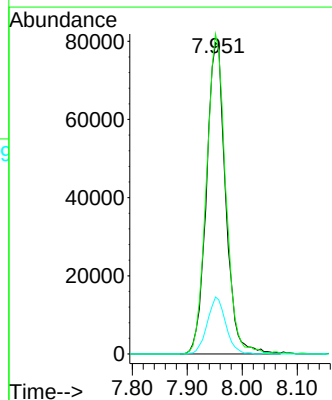
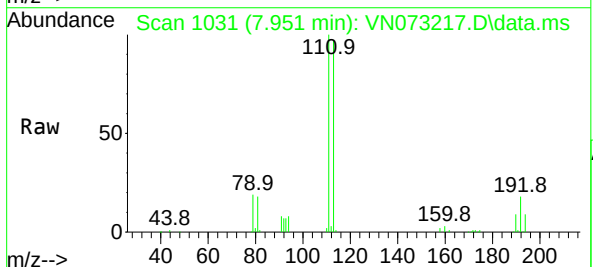
Tgt Ion:113 Resp: 193880

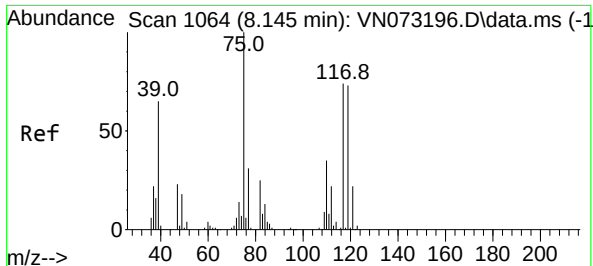
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 17.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.739 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN073217.D

Acq: 28 Jun 2022 23:28

Instrument :

MSVOA_N

ClientSampleId :

TB061722

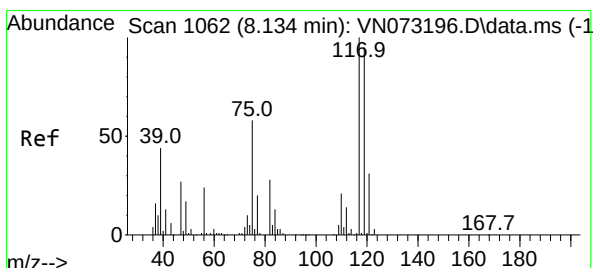
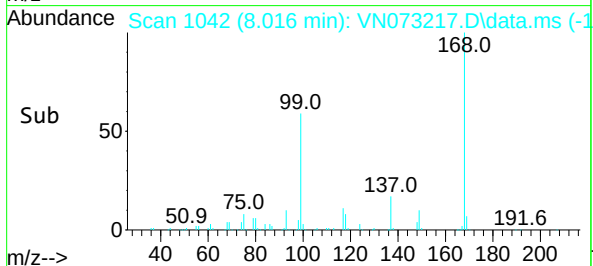
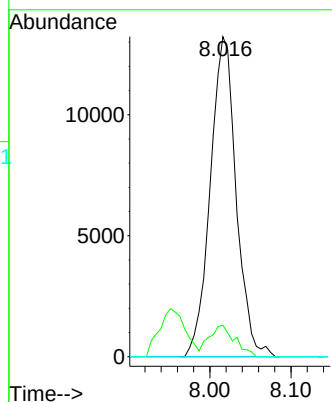
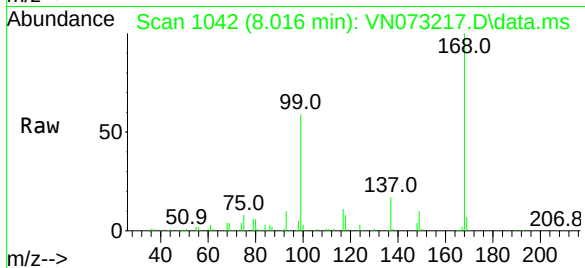
Tgt Ion: 75 Resp: 29304

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.102 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.112 min

Lab File: VN073217.D

Acq: 28 Jun 2022 23:28

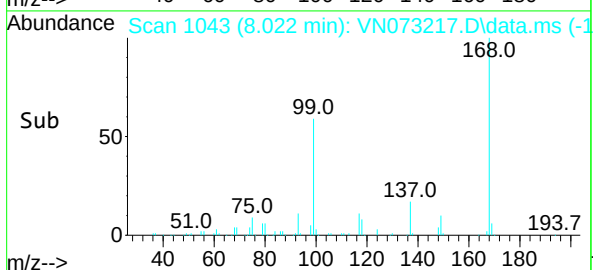
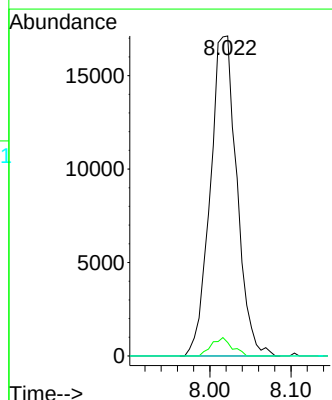
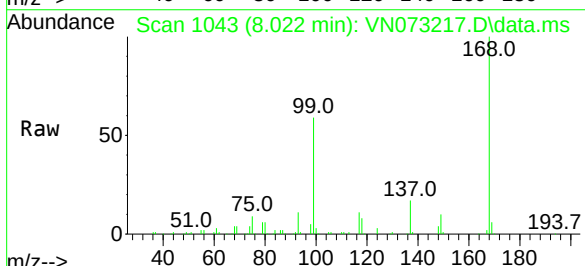
Tgt Ion: 117 Resp: 39019

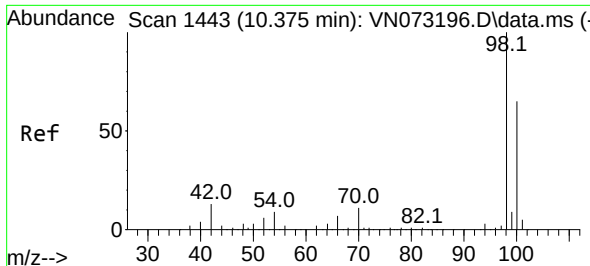
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.0 24.6 37.0#

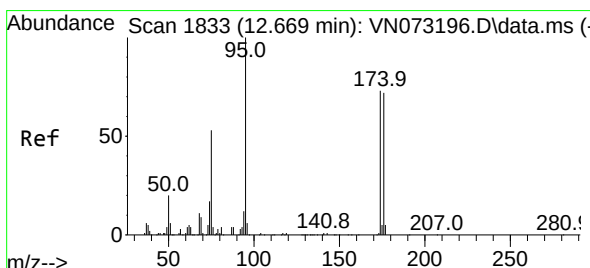
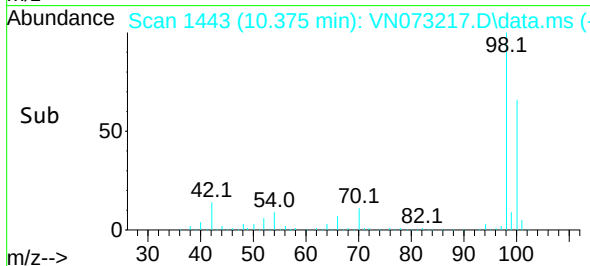
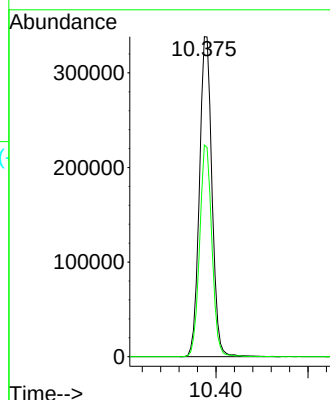
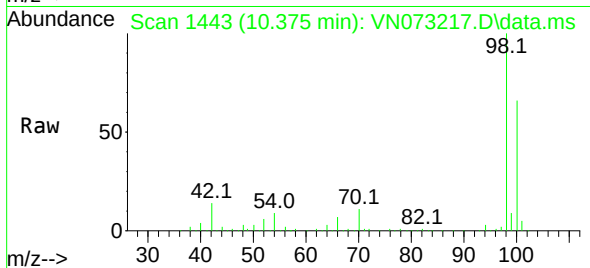




#50
Toluene-d8
Concen: 44.825 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073217.D
Acq: 28 Jun 2022 23:28

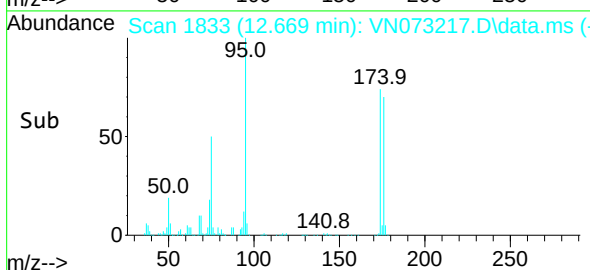
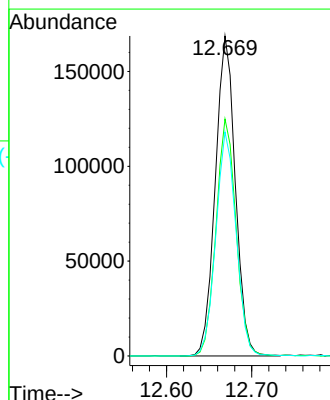
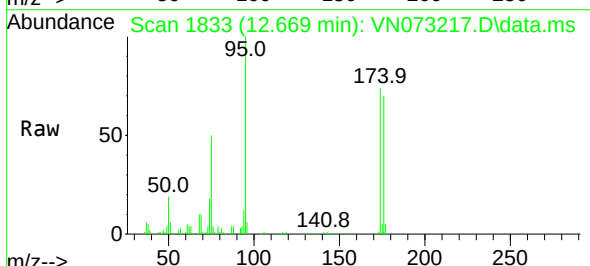
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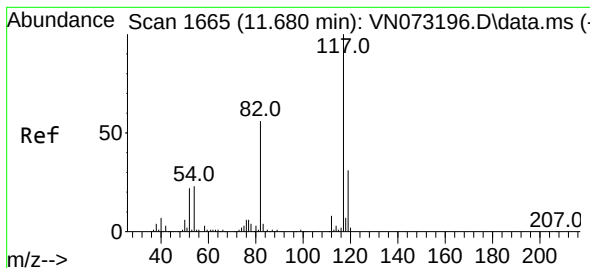
Tgt Ion: 98 Resp: 639831
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.196 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073217.D
Acq: 28 Jun 2022 23:28

Tgt Ion: 95 Resp: 275347
Ion Ratio Lower Upper
95 100
174 74.1 0.0 167.6
176 70.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073217.D

Acq: 28 Jun 2022 23:28

Instrument :

MSVOA_N

ClientSampleId :

TB061722

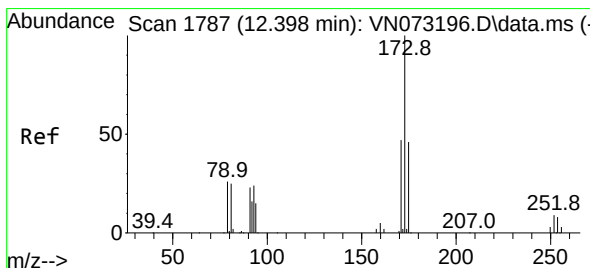
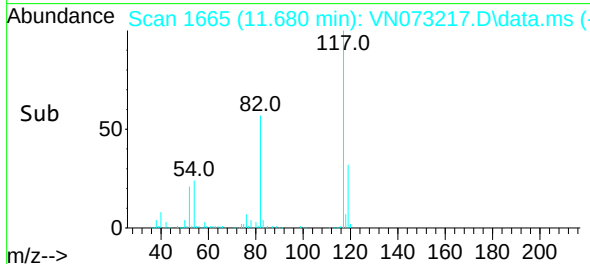
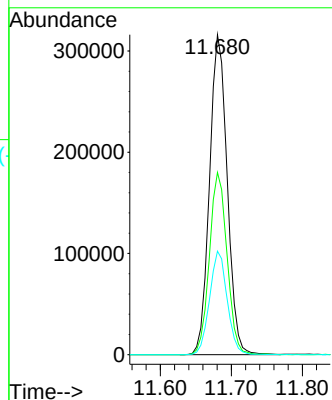
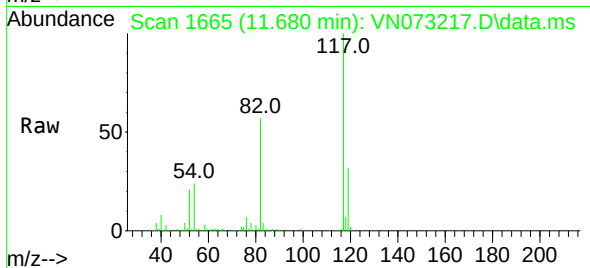
Tgt Ion:117 Resp: 547365

Ion Ratio Lower Upper

117 100

82 56.9 44.2 66.2

119 32.3 25.4 38.0



#71

Bromoform

Concen: 0.628 ug/l

RT: 12.663 min Scan# 1832

Delta R.T. 0.265 min

Lab File: VN073217.D

Acq: 28 Jun 2022 23:28

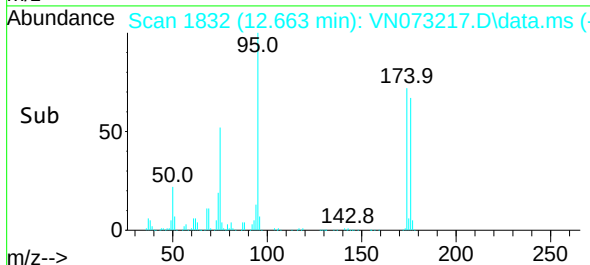
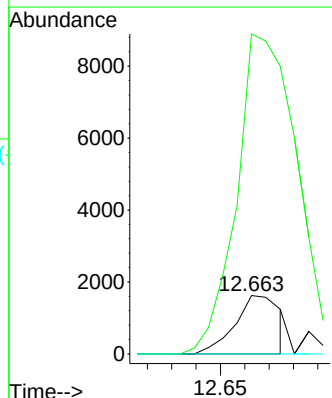
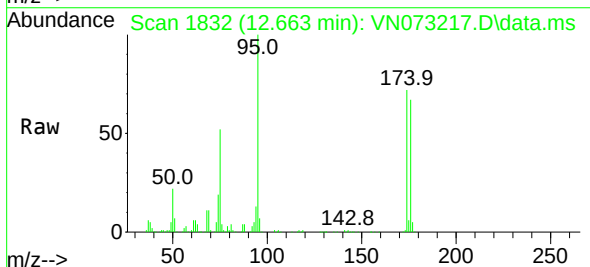
Tgt Ion:173 Resp: 2091

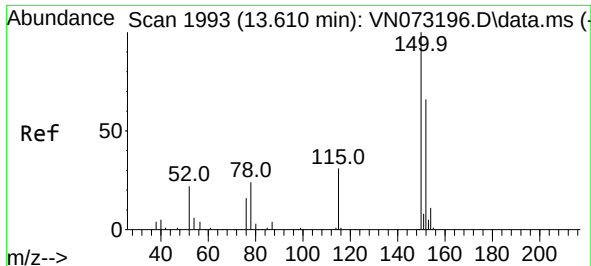
Ion Ratio Lower Upper

173 100

175 553.6 24.6 73.6#

254 0.0 0.1 0.1#

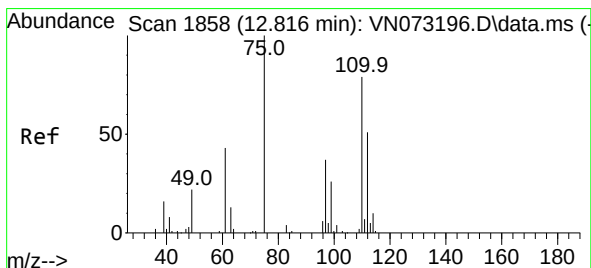
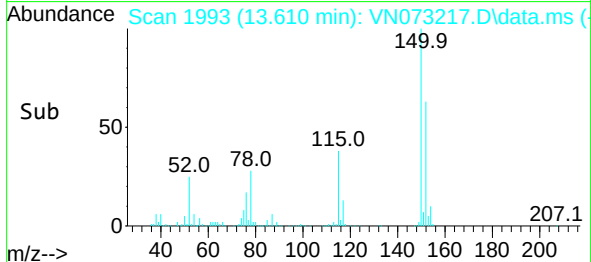
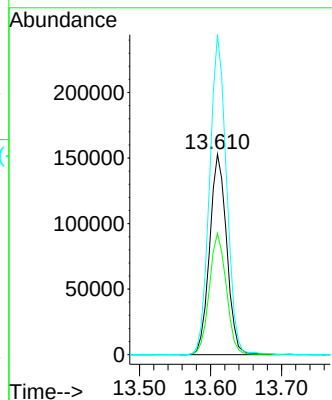
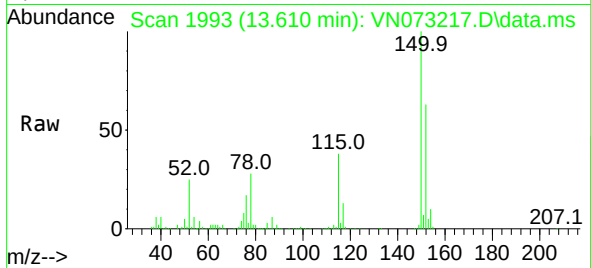




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073217.D
 Acq: 28 Jun 2022 23:28

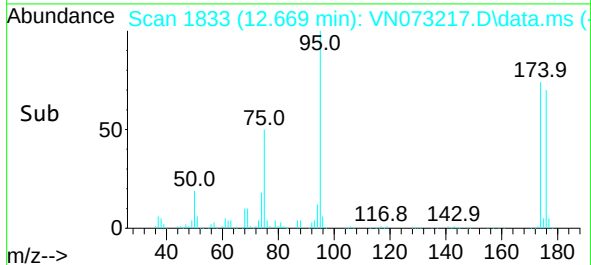
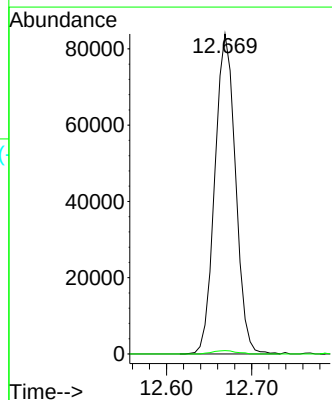
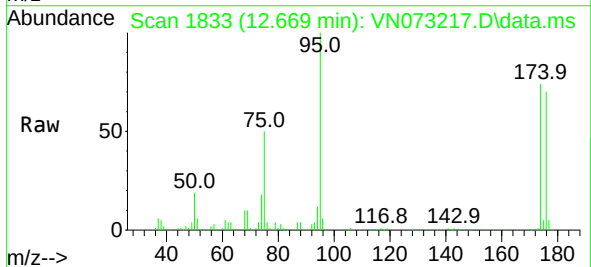
Instrument :
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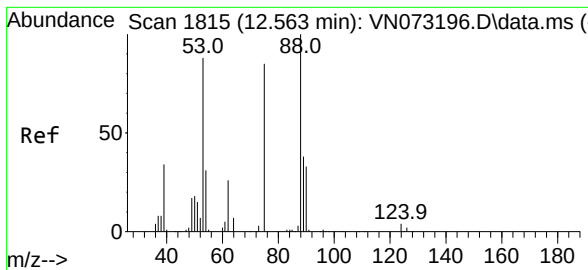
Tgt Ion:152 Resp: 255515
 Ion Ratio Lower Upper
 152 100
 115 60.4 28.9 86.7
 150 158.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.146 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073217.D
 Acq: 28 Jun 2022 23:28

Tgt Ion: 75 Resp: 141282
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.993 ug/l
 RT: 12.669 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073217.D
 Acq: 28 Jun 2022 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 TB061722

Tgt Ion: 75 Resp: 141282
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

