

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073221.D
 Acq On : 29 Jun 2022 01:05
 Operator : JC\MD
 Sample : N3409-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D

Quant Time: Jun 29 04:27:28 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)

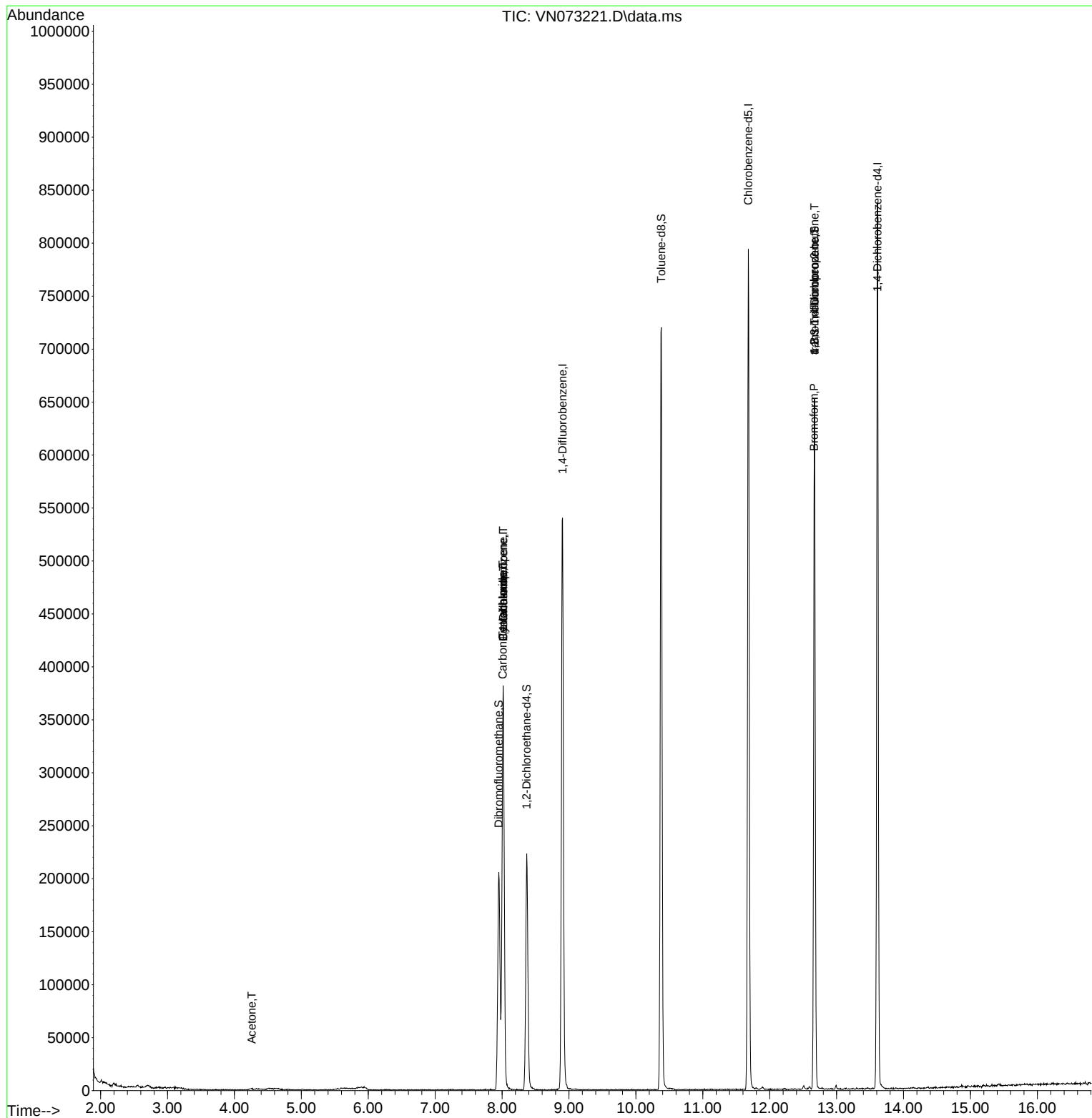
Internal Standards						
1) Pentafluorobenzene	8.016	168	288985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	479021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	447263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	220018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	183083	43.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.780%
35) Dibromofluoromethane	7.951	113	154580	48.503	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	10.380	98	502650	44.407	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.820%
62) 4-Bromofluorobenzene	12.669	95	222446	51.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.280%
Target Compounds						
					Qvalue	
16) Acetone	4.257	43	1768	0.755	ug/l #	42
31) Cyclohexane	8.016	56	6670	0.976	ug/l #	9
36) 1,1-Dichloropropene	8.016	75	22898	4.669	ug/l #	49
38) Carbon Tetrachloride	8.010	117	30082	5.932	ug/l #	16
71) Bromoform	12.663	173	1531	0.562	ug/l #	28
76) 1,2,3-Trichloropropane	12.669	75	119232	20.725	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	119232	56.838	ug/l #	10

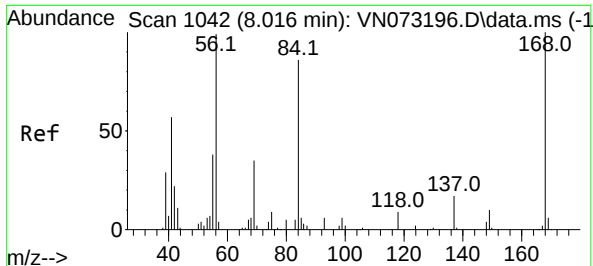
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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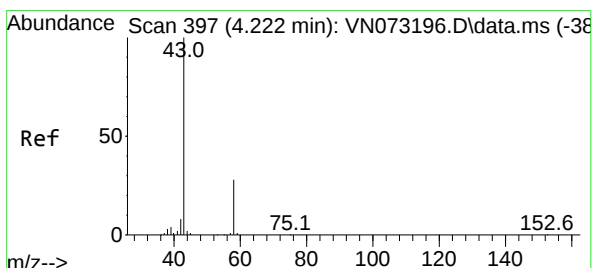
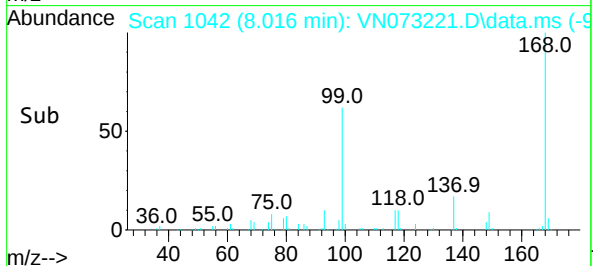
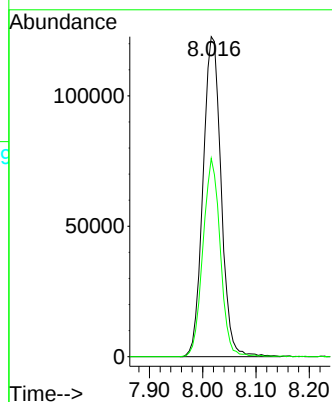
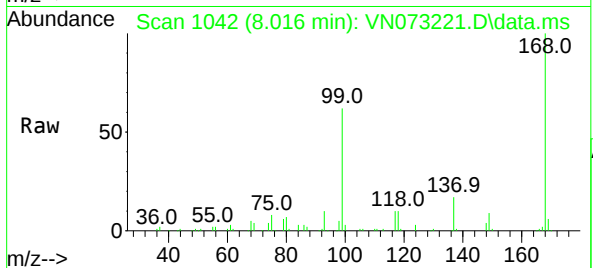




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073221.D
Acq: 29 Jun 2022 01:05

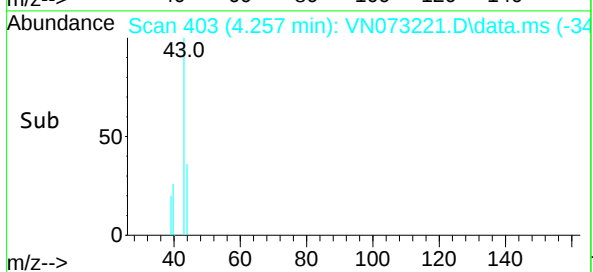
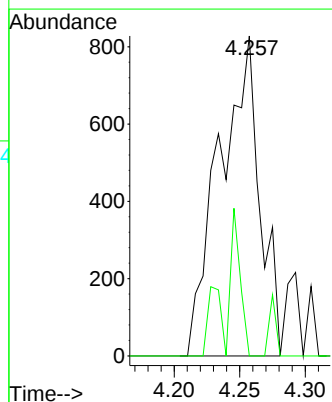
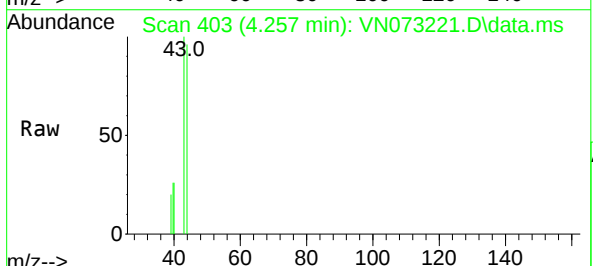
Instrument :
MSVOA_N
ClientSampleId :
MW-3D

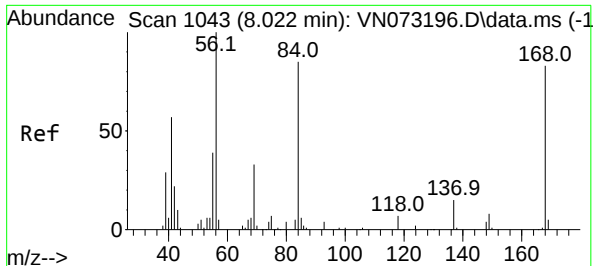
Tgt Ion:168 Resp: 288985
Ion Ratio Lower Upper
168 100
99 61.9 42.3 63.5



#16
Acetone
Concen: 0.755 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.035 min
Lab File: VN073221.D
Acq: 29 Jun 2022 01:05

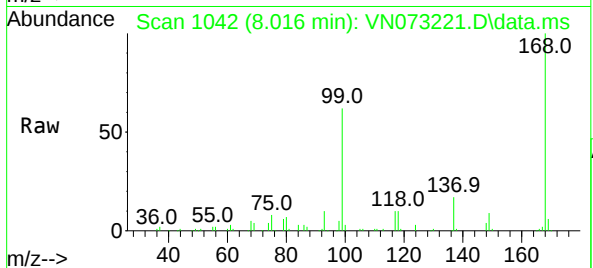
Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



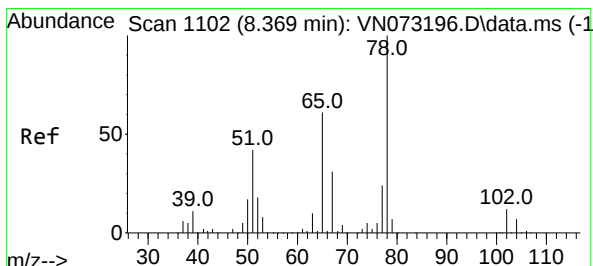
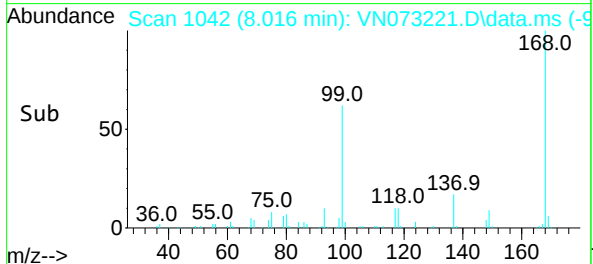
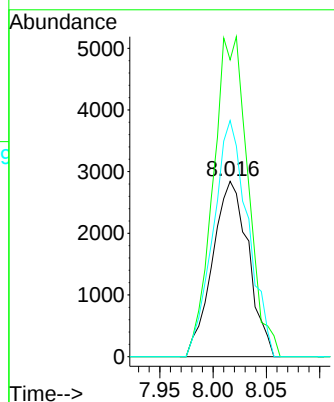


#31
Cyclohexane
Concen: 0.976 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073221.D
Acq: 29 Jun 2022 01:05

Instrument :
MSVOA_N
ClientSampleId :
MW-3D

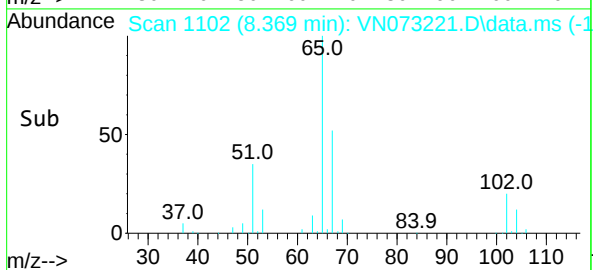
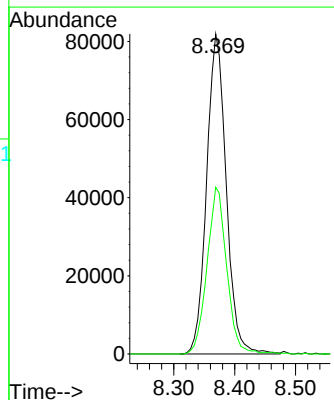
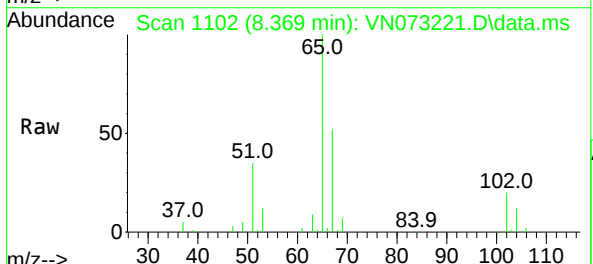


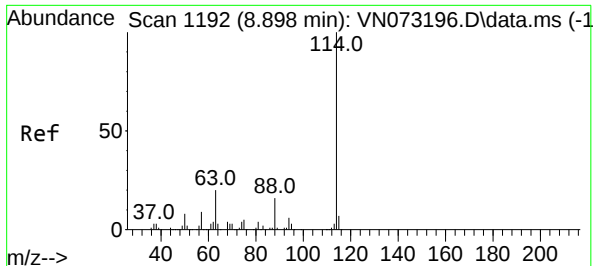
Tgt Ion: 56 Resp: 6670
Ion Ratio Lower Upper
56 100
69 169.2 27.8 41.8#
84 134.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.886 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073221.D
Acq: 29 Jun 2022 01:05

Tgt Ion: 65 Resp: 183083
Ion Ratio Lower Upper
65 100
67 52.1 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: VN073221.D

Acq: 29 Jun 2022 01:05

Instrument :

MSVOA_N

ClientSampleId :

MW-3D

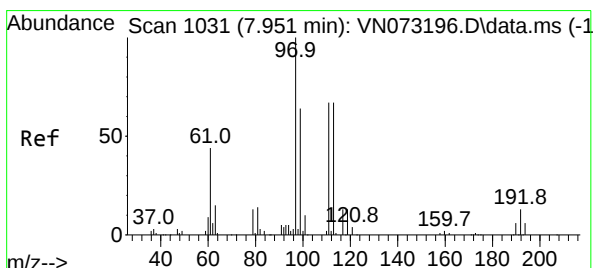
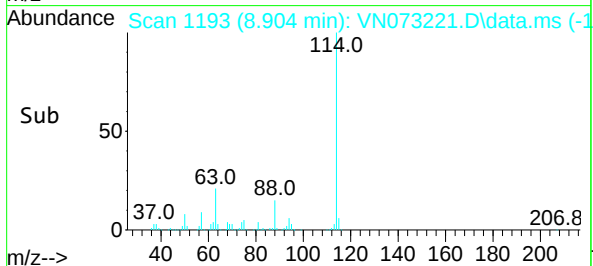
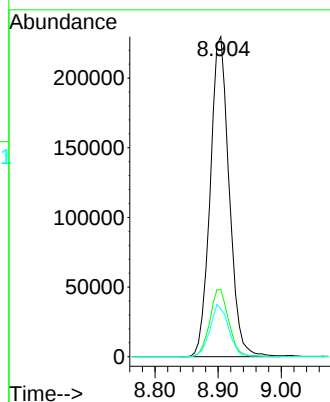
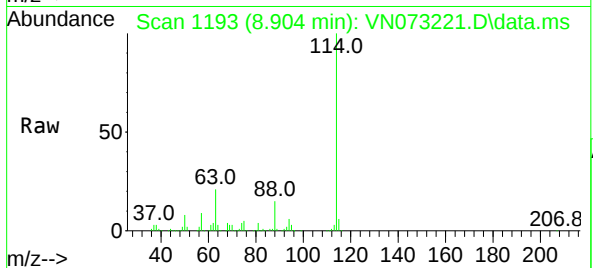
Tgt Ion:114 Resp: 479021

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.503 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073221.D

Acq: 29 Jun 2022 01:05

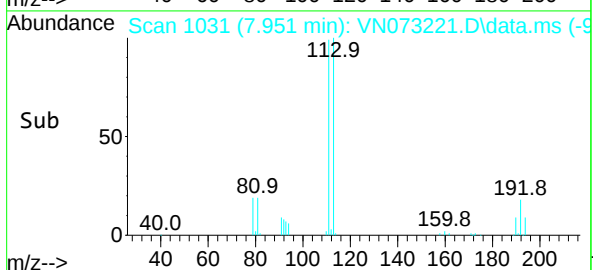
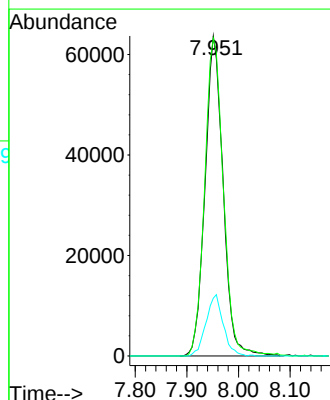
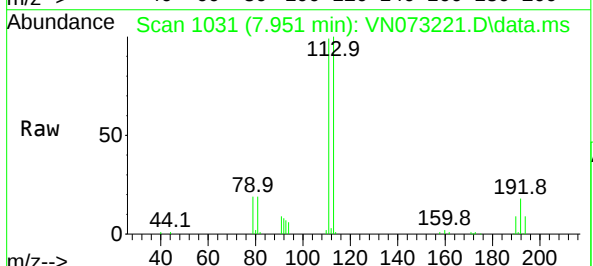
Tgt Ion:113 Resp: 154580

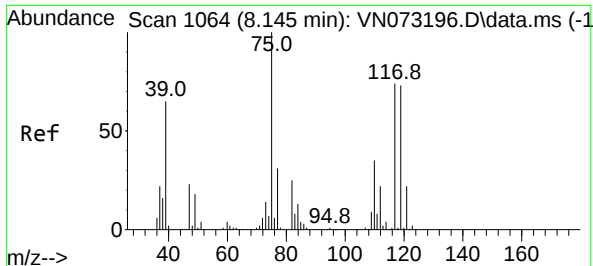
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 18.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.669 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073221.D

Acq: 29 Jun 2022 01:05

Instrument :

MSVOA_N

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MW-3D

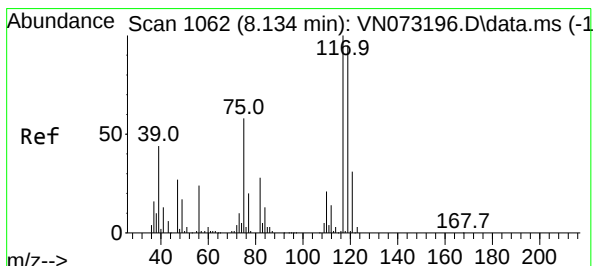
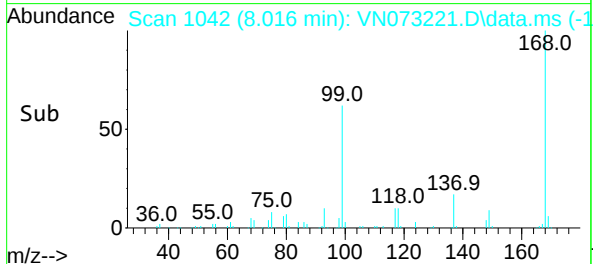
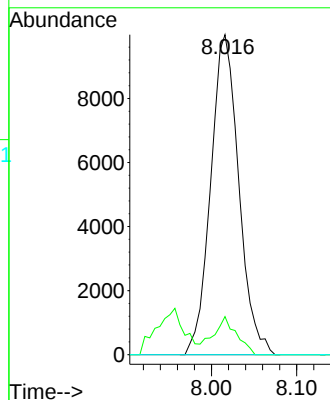
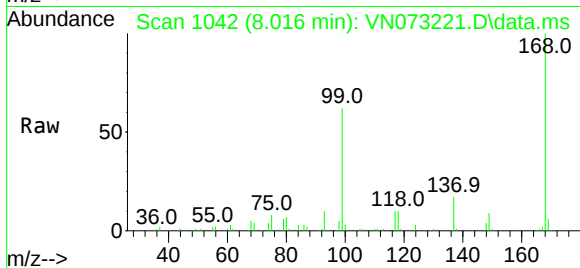
Tgt Ion: 75 Resp: 22898

Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.932 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.124 min

Lab File: VN073221.D

Acq: 29 Jun 2022 01:05

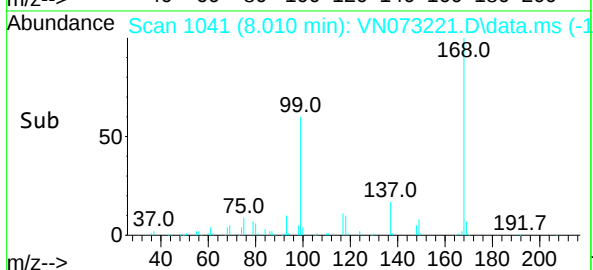
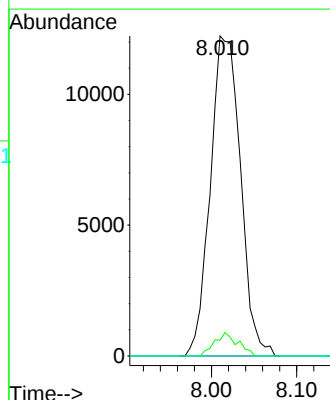
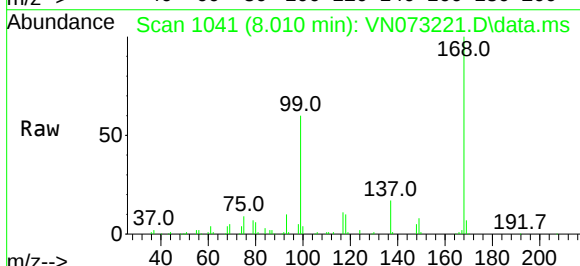
Tgt Ion: 117 Resp: 30082

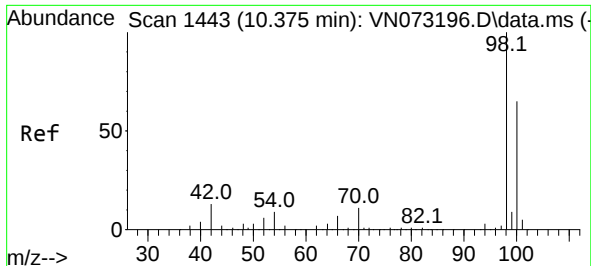
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.8#

121 0.0 24.6 37.0#

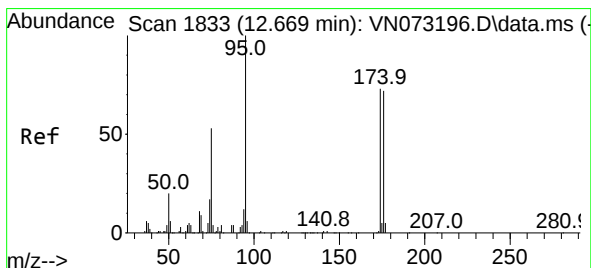
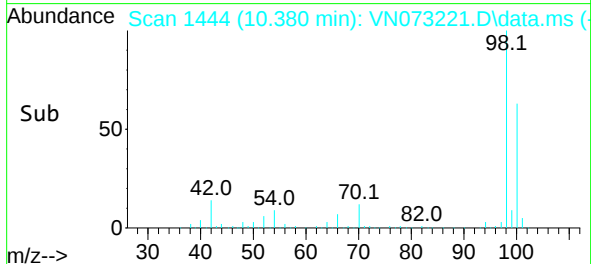
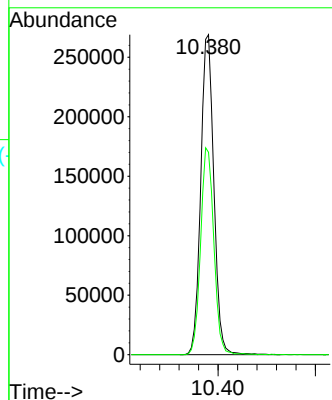
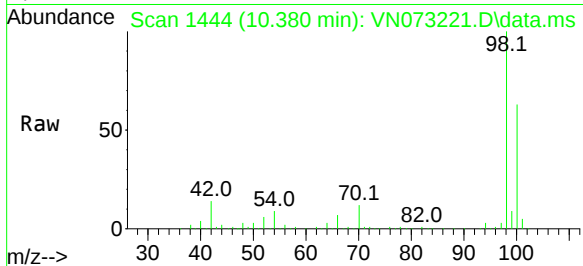




#50
Toluene-d8
Concen: 44.407 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073221.D
Acq: 29 Jun 2022 01:05

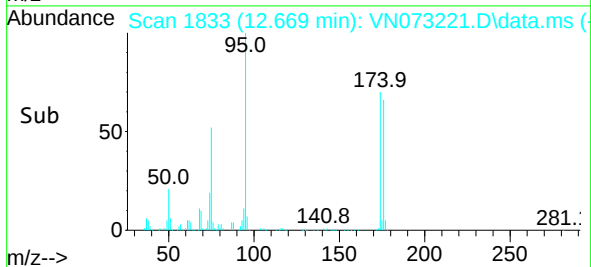
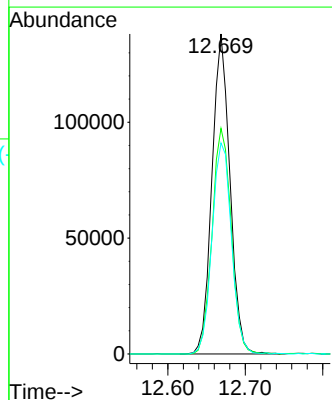
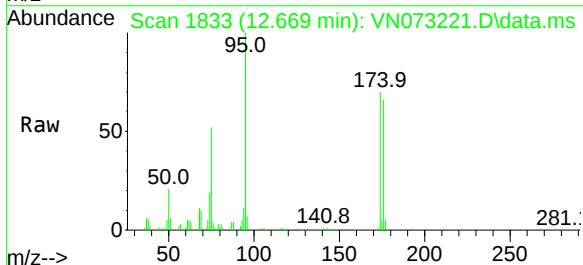
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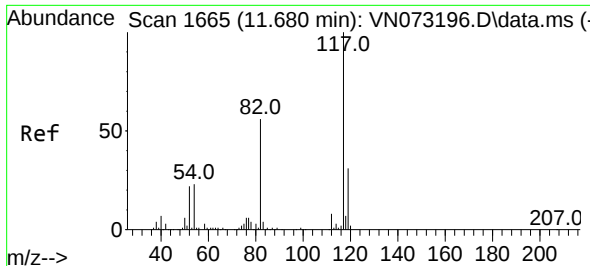
Tgt Ion: 98 Resp: 502650
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.138 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073221.D
Acq: 29 Jun 2022 01:05

Tgt Ion: 95 Resp: 222446
Ion Ratio Lower Upper
95 100
174 74.8 0.0 167.6
176 71.2 0.0 163.4

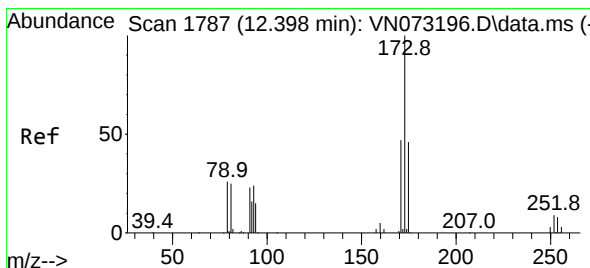
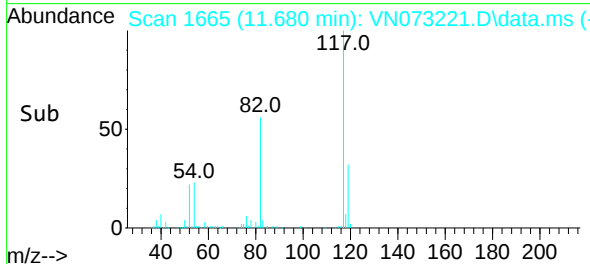
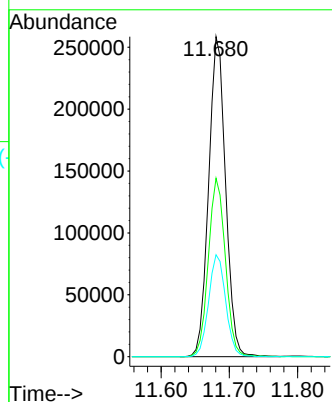
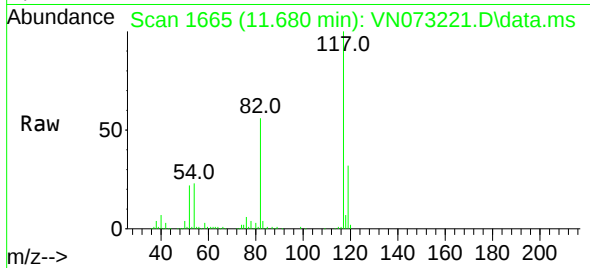




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073221.D
Acq: 29 Jun 2022 01:05

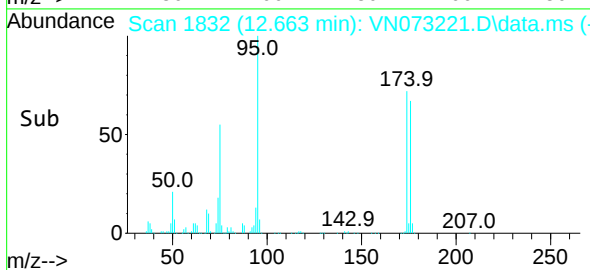
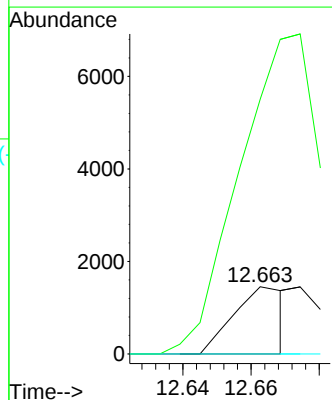
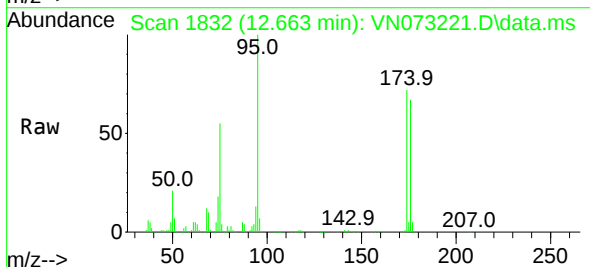
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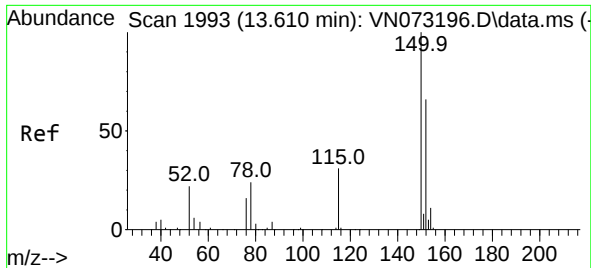
Tgt Ion:117 Resp: 447263
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 31.9 25.4 38.0



#71
Bromoform
Concen: 0.562 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073221.D
Acq: 29 Jun 2022 01:05

Tgt Ion:173 Resp: 1531
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

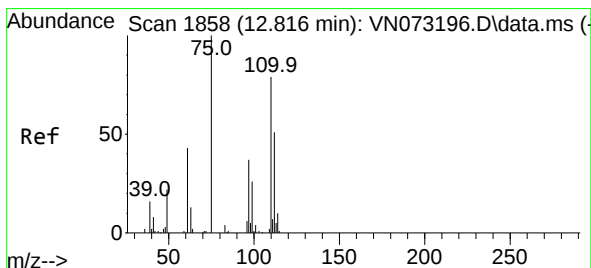
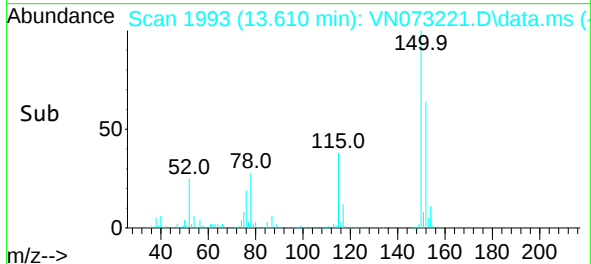
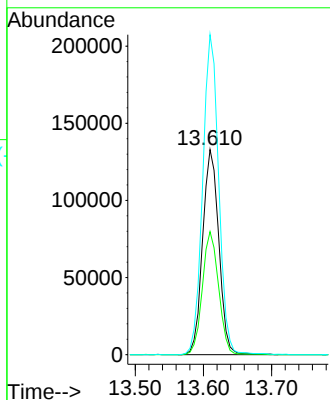
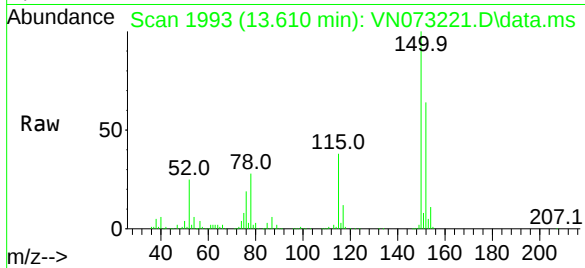




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073221.D
 Acq: 29 Jun 2022 01:05

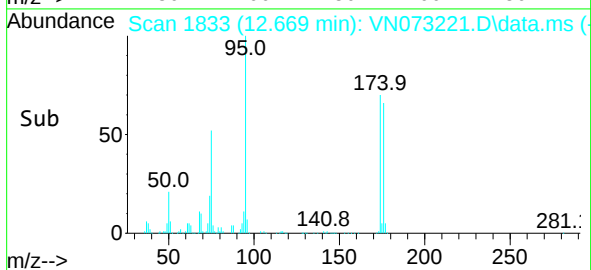
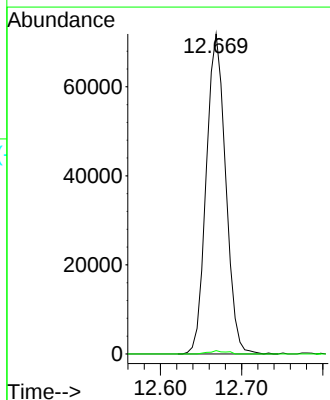
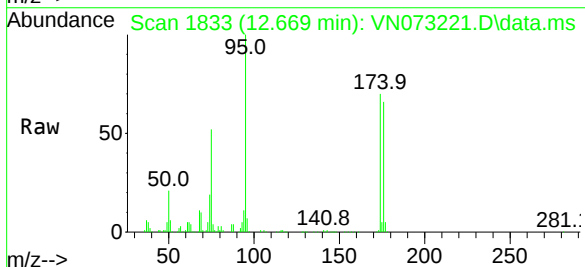
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D

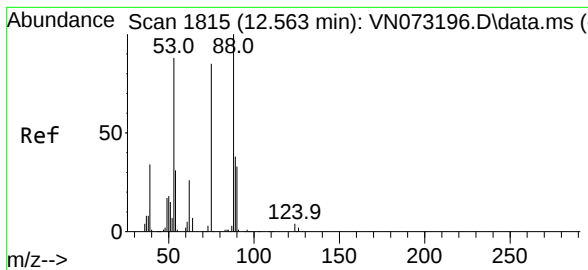
Tgt Ion:152 Resp: 220018
 Ion Ratio Lower Upper
 152 100
 115 60.2 28.9 86.7
 150 154.5 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.725 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073221.D
 Acq: 29 Jun 2022 01:05

Tgt Ion: 75 Resp: 119232
 Ion Ratio Lower Upper
 75 100
 77 0.9 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.838 ug/l
 RT: 12.669 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN073221.D
 Acq: 29 Jun 2022 01:05

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3D

Tgt Ion: 75 Resp: 119232
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

