

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072763.D
 Acq On : 10 Jun 2022 14:32
 Operator : JC\MD
 Sample : N3287-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jun 11 01:54:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

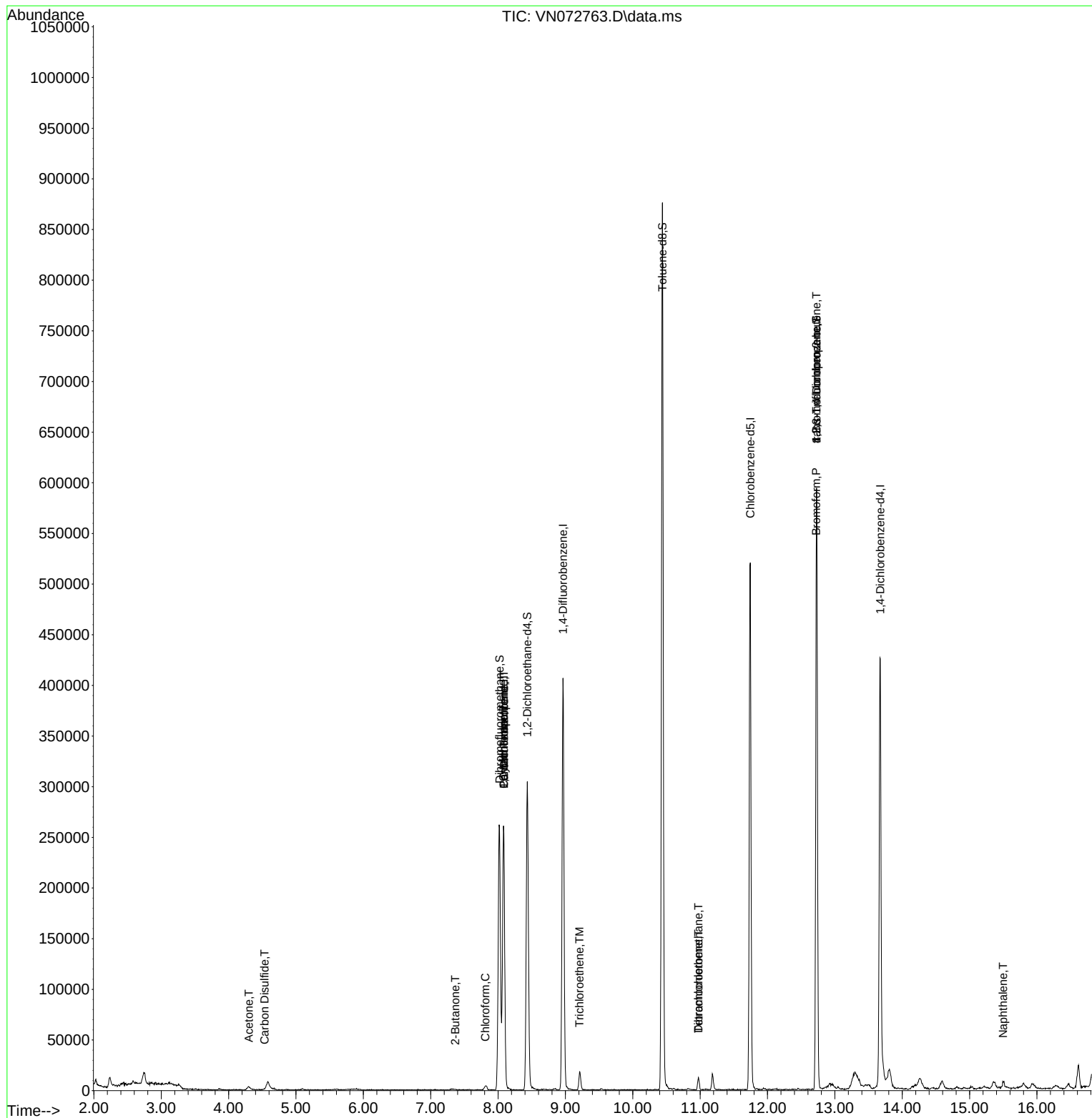
Internal Standards						
1) Pentafluorobenzene	8.086	168	164337	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	320936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	273764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	102961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	253835	57.550	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	115.100%	
35) Dibromofluoromethane	8.022	113	184311	58.040	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	116.080%	
50) Toluene-d8	10.439	98	573407	45.257	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	90.520%	
62) 4-Bromofluorobenzene	12.727	95	208097	47.864	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	95.720%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.840	94	118	Below Cal	#	2
6) Chloroethane	2.998	64	207	Below Cal	#	42
16) Acetone	4.298	43	5748	2.720	ug/l	92
17) Carbon Disulfide	4.534	76	567	0.385	ug/l #	75
25) 2-Butanone	7.363	43	1256	0.369	ug/l #	45
30) Chloroform	7.810	83	3984	0.663	ug/l #	76
31) Cyclohexane	8.081	56	5430	0.459	ug/l #	26
36) 1,1-Dichloropropene	8.086	75	18177	4.124	ug/l #	49
38) Carbon Tetrachloride	8.086	117	20156	4.279	ug/l #	17
44) Trichloroethene	9.210	130	5990	1.923	ug/l	92
60) Dibromochloromethane	10.974	129	2365	0.632	ug/l #	11
64) Tetrachloroethene	10.974	164	2101	0.912	ug/l #	80
71) Bromoform	12.721	173	972	0.476	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	123546	37.185	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	123546	97.248	ug/l #	10
95) Naphthalene	15.498	128	8268	1.222	ug/l	95

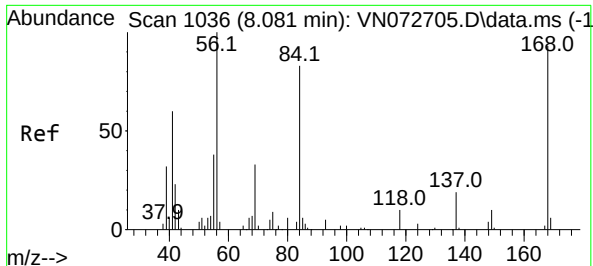
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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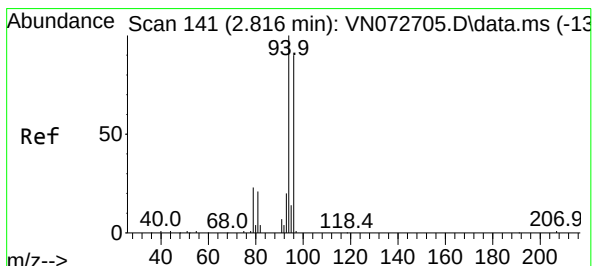
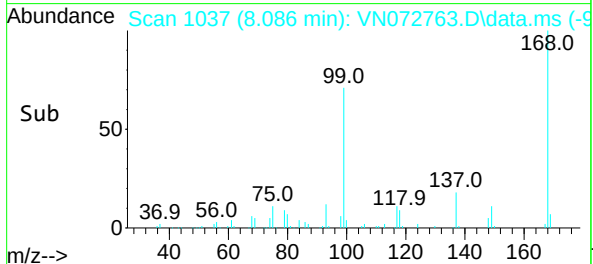
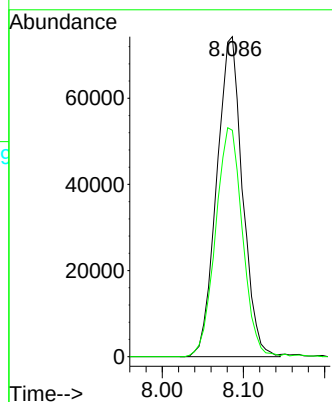
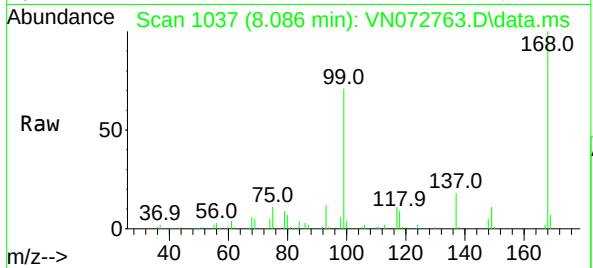




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

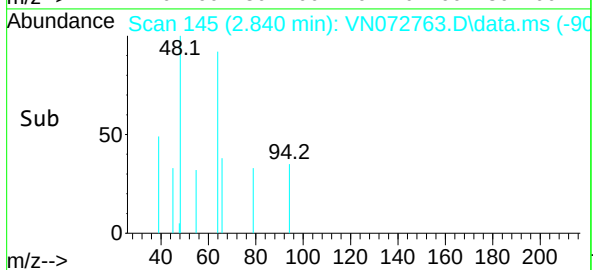
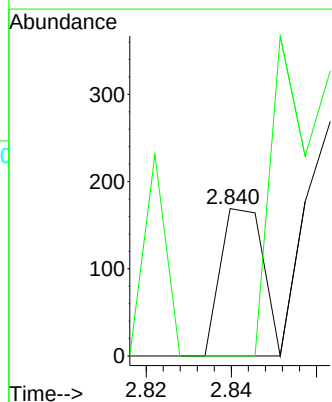
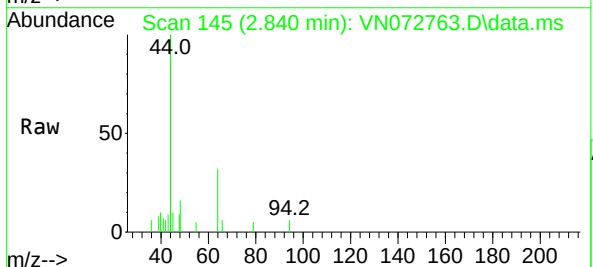
Instrument :
MSVOA_N
ClientSampleId :
MW-1

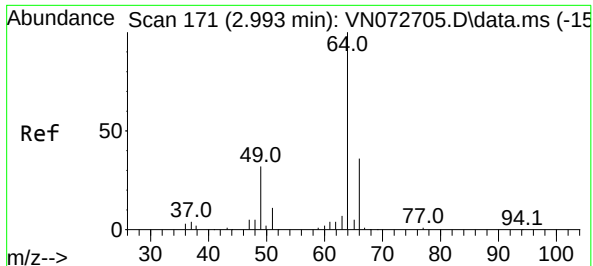
Tgt Ion:168 Resp: 164337
Ion Ratio Lower Upper
168 100
99 70.7 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 145
Delta R.T. 0.024 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

Tgt Ion: 94 Resp: 118
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

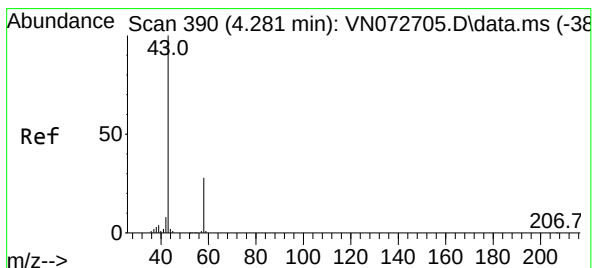
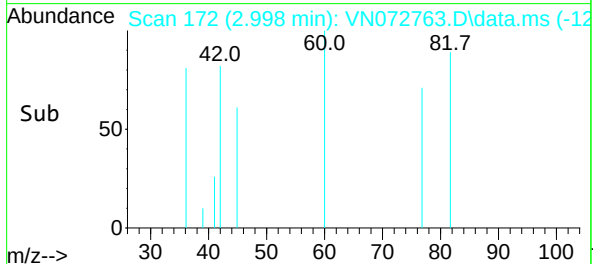
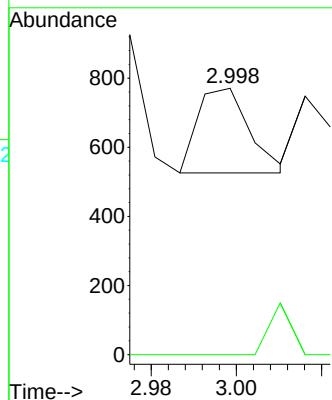
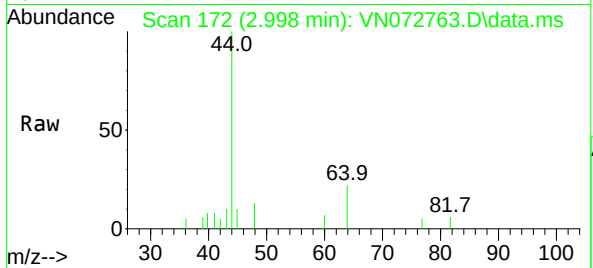




#6
Chloroethane
Concen: Below Cal
RT: 2.998 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

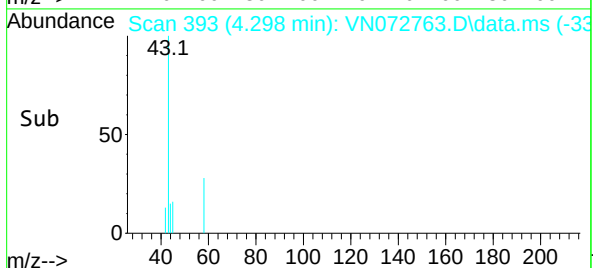
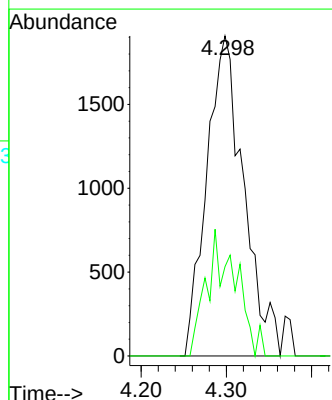
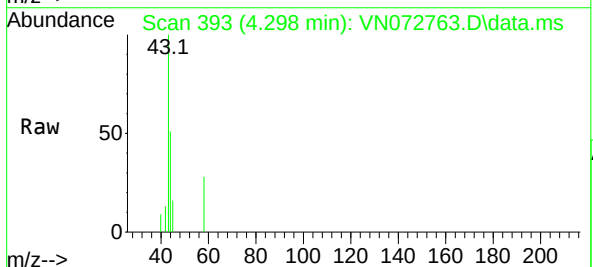
Instrument :
MSVOA_N
ClientSampleId :
MW-1

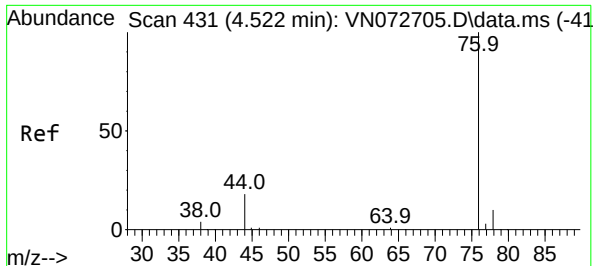
Tgt Ion: 64 Resp: 207
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 2.720 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

Tgt Ion: 43 Resp: 5748
Ion Ratio Lower Upper
43 100
58 27.9 26.0 39.0





#17

Carbon Disulfide

Concen: 0.385 ug/l

RT: 4.534 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN072763.D

Acq: 10 Jun 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

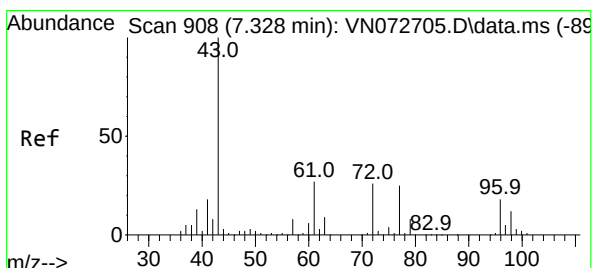
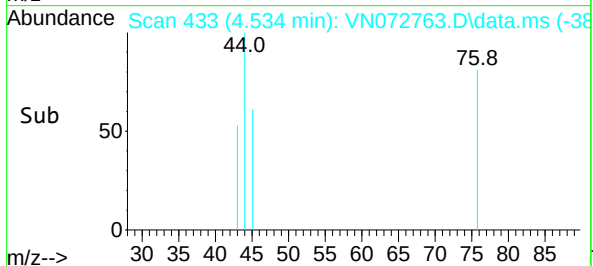
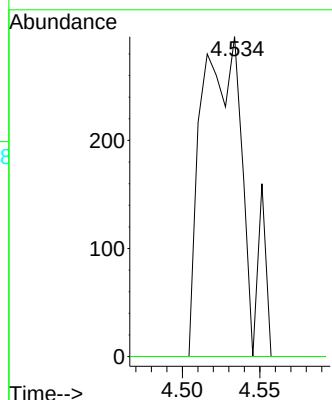
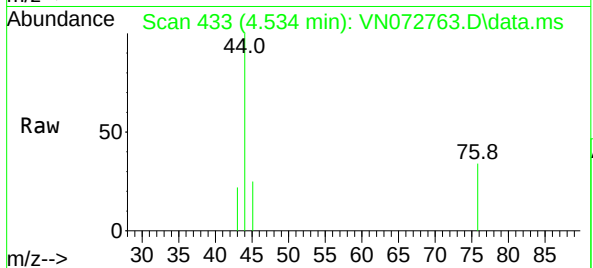
MW-1

Tgt Ion: 76 Resp: 567

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#25

2-Butanone

Concen: 0.369 ug/l

RT: 7.363 min Scan# 914

Delta R.T. 0.035 min

Lab File: VN072763.D

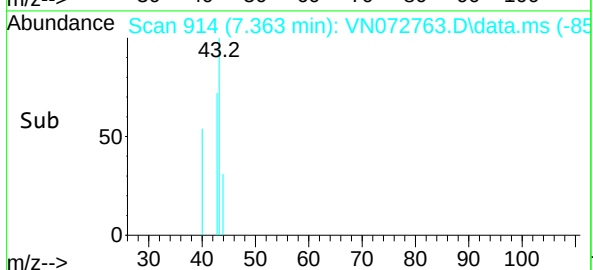
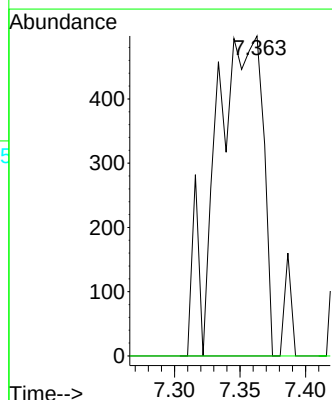
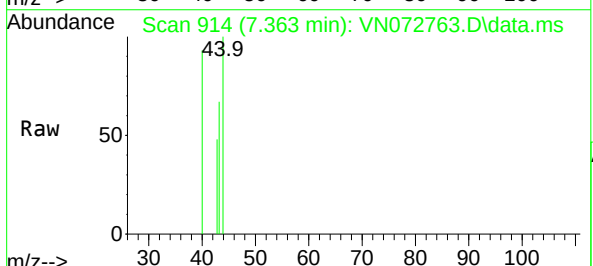
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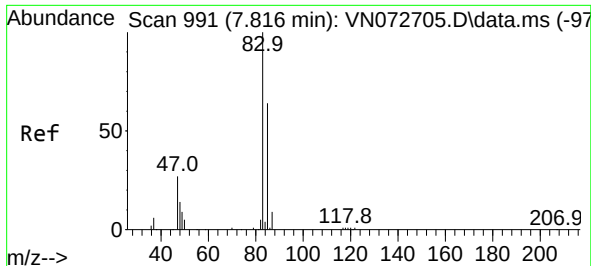
Tgt Ion: 43 Resp: 1256

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

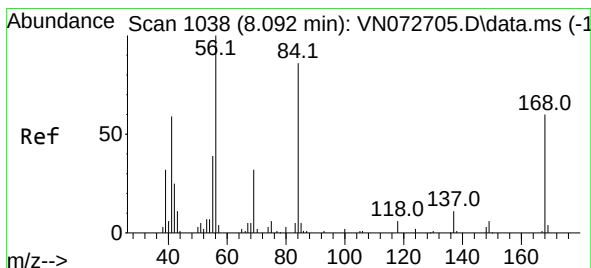
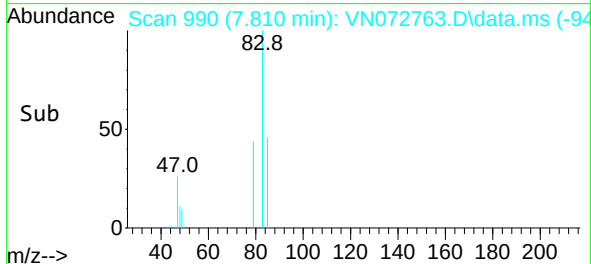
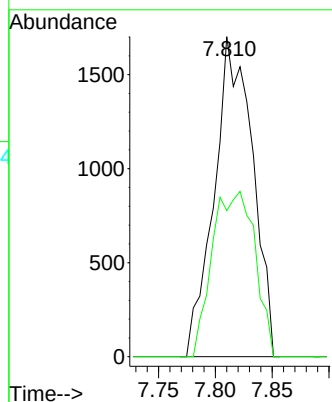
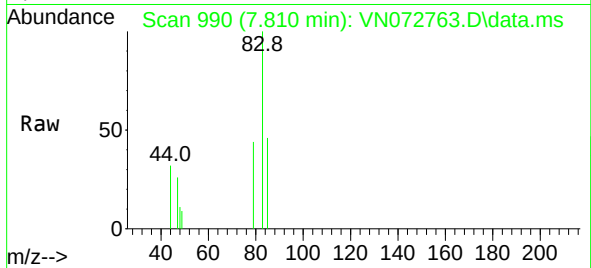




#30
Chloroform
Concen: 0.663 ug/l
RT: 7.810 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

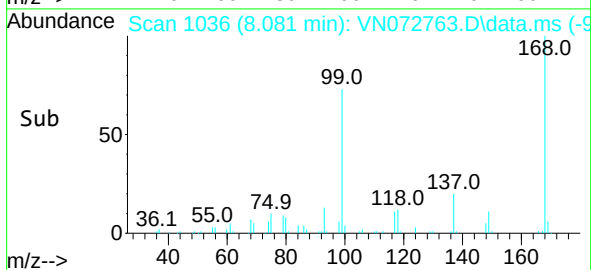
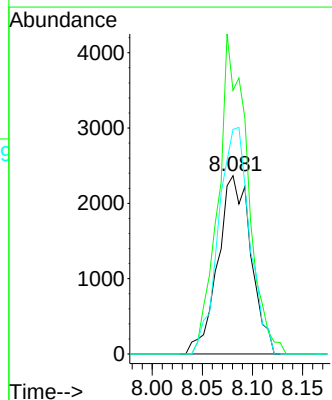
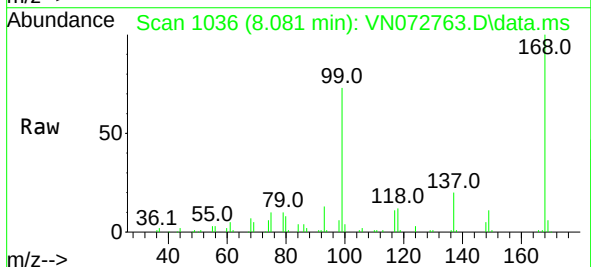
Instrument :
MSVOA_N
ClientSampleId :
MW-1

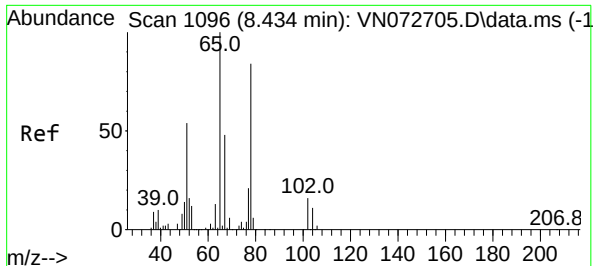
Tgt Ion: 83 Resp: 3984
Ion Ratio Lower Upper
83 100
85 45.7 51.8 77.8#



#31
Cyclohexane
Concen: 0.459 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

Tgt Ion: 56 Resp: 5430
Ion Ratio Lower Upper
56 100
69 147.9 27.8 41.8#
84 125.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 57.550 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072763.D

Acq: 10 Jun 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

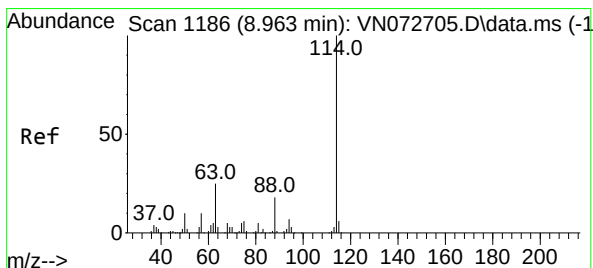
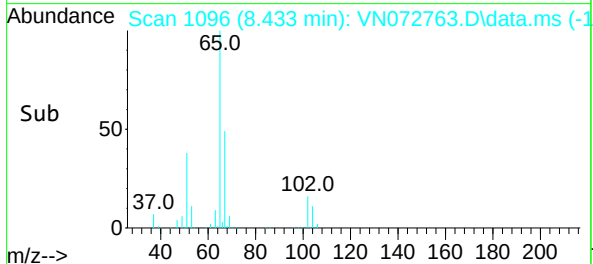
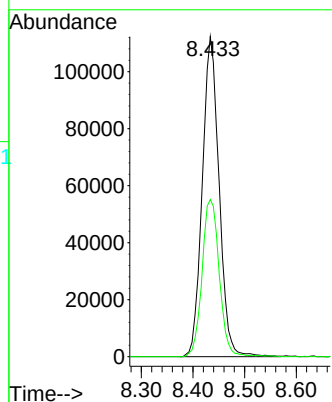
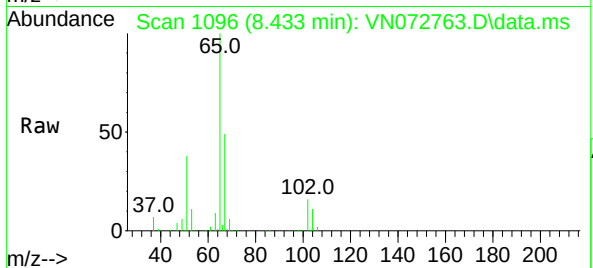
MW-1

Tgt Ion: 65 Resp: 253835

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072763.D

Acq: 10 Jun 2022 14:32

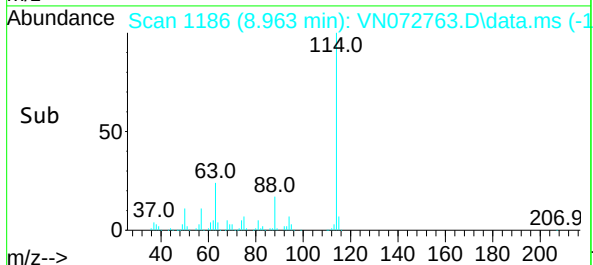
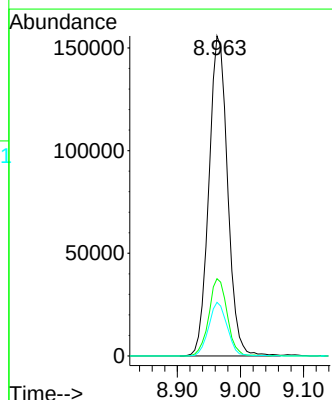
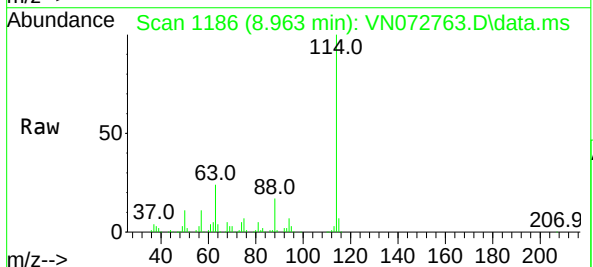
Tgt Ion: 114 Resp: 320936

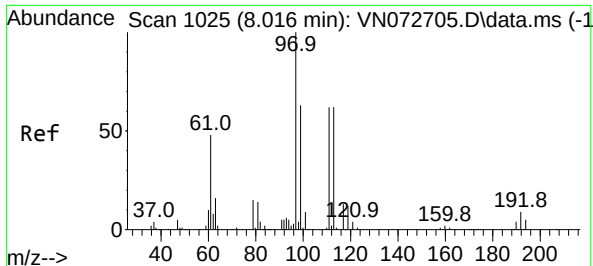
Ion Ratio Lower Upper

114 100

63 24.2 0.0 40.0

88 16.8 0.0 32.6

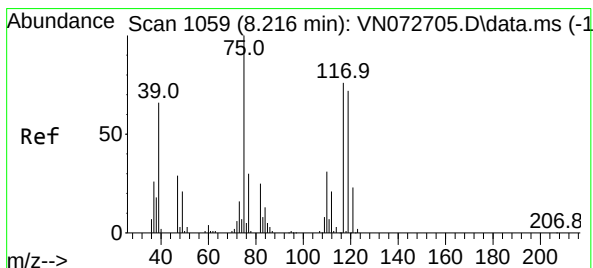
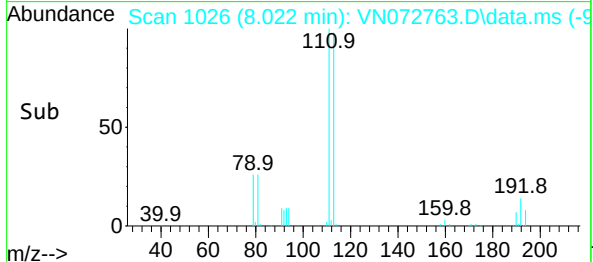
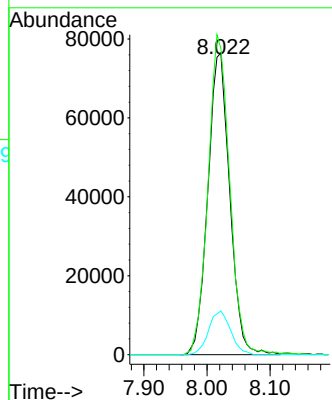
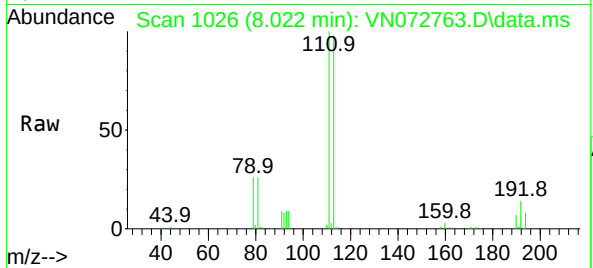




#35
Dibromofluoromethane
Concen: 58.040 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

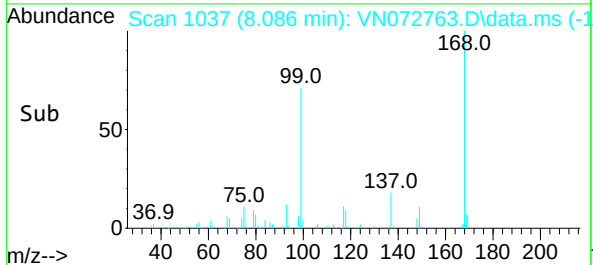
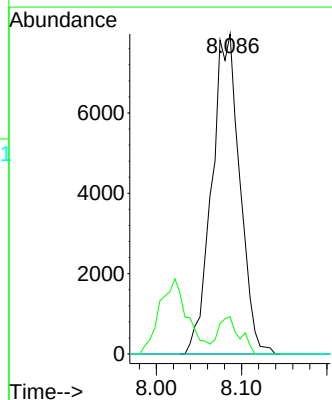
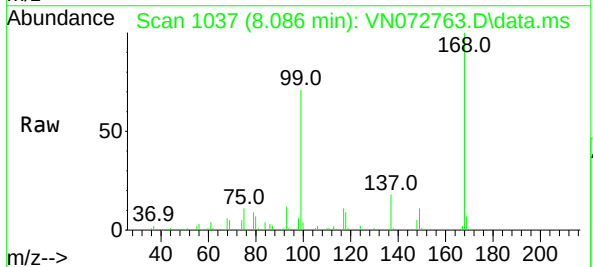
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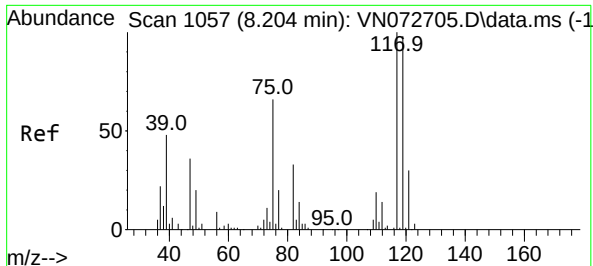
Tgt Ion:113 Resp: 184311
Ion Ratio Lower Upper
113 100
111 105.0 81.4 122.0
192 14.6 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.124 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

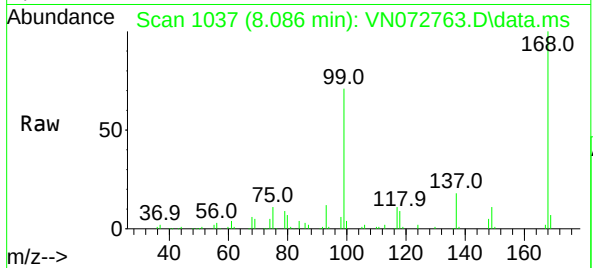
Tgt Ion: 75 Resp: 18177
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#



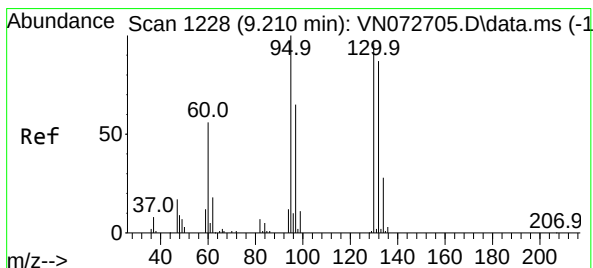
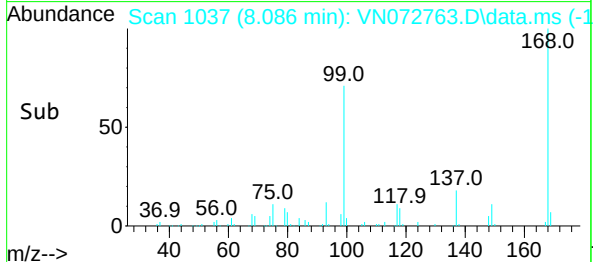
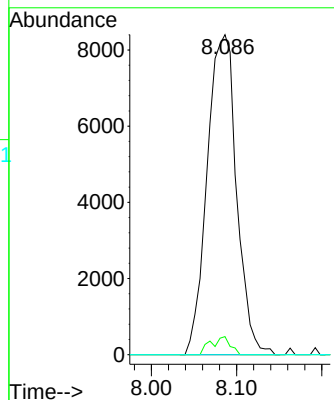


#38
Carbon Tetrachloride
Concen: 4.279 ug/l
RT: 8.086 min Scan# 1057
Delta R.T. -0.118 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
MW-1

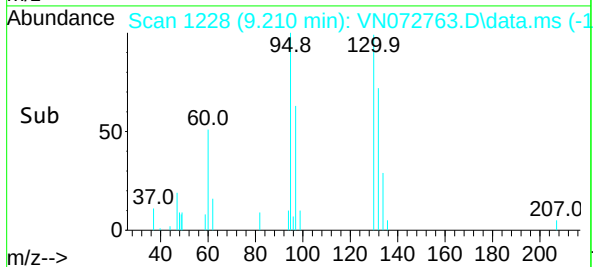
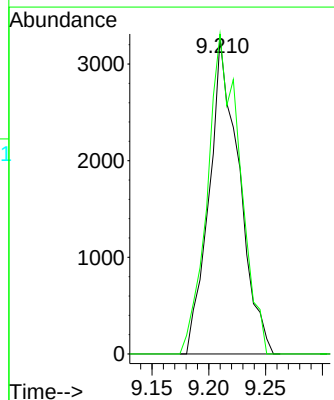
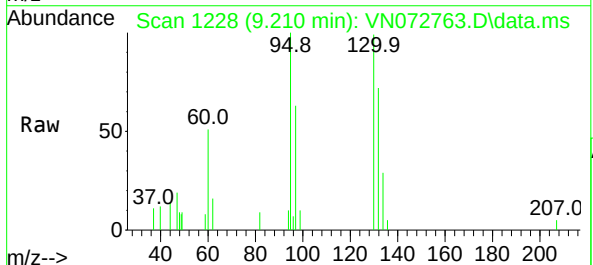


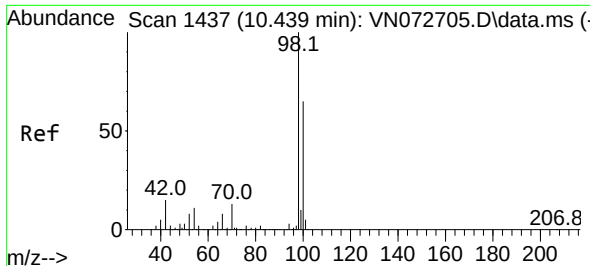
Tgt Ion:117 Resp: 20156
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 1.923 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

Tgt Ion:130 Resp: 5990
Ion Ratio Lower Upper
130 100
95 101.2 0.0 186.8

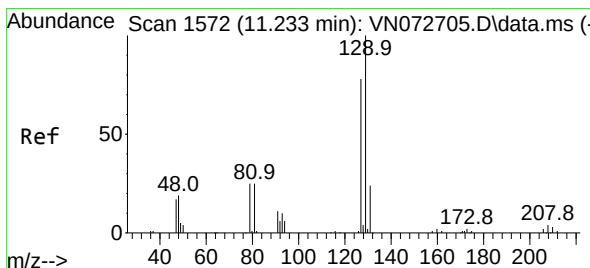
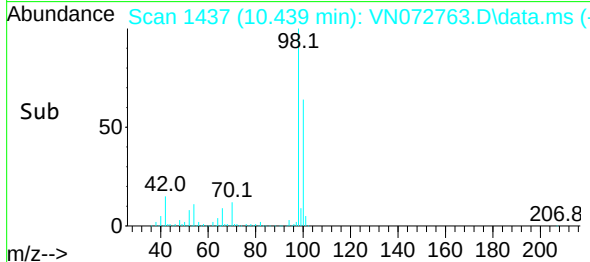
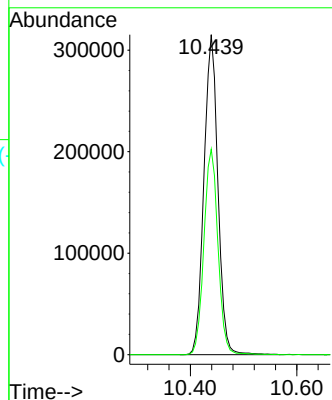
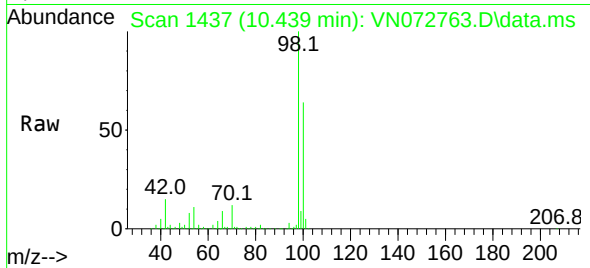




#50
Toluene-d8
Concen: 45.257 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

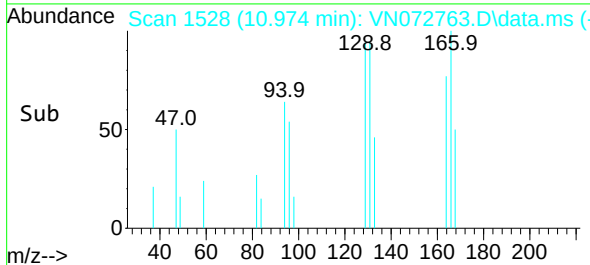
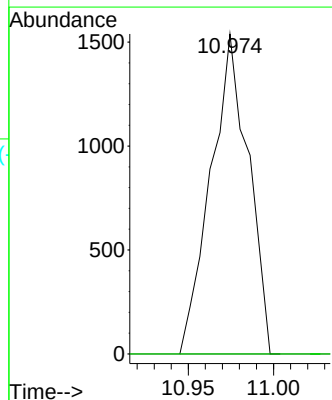
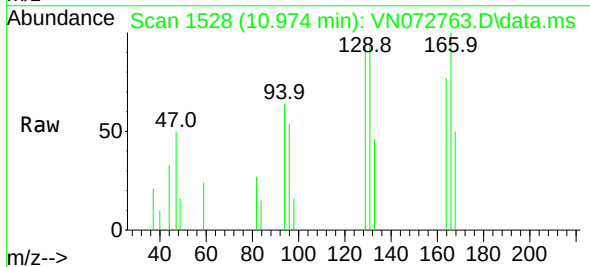
Instrument :
MSVOA_N
ClientSampleId :
MW-1

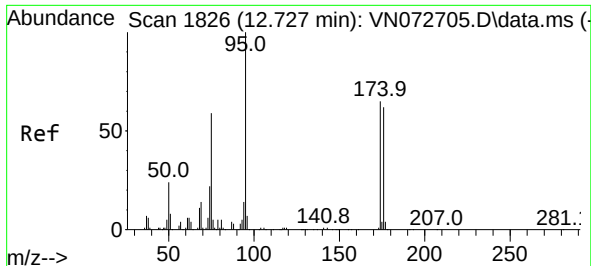
Tgt Ion: 98 Resp: 573407
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#60
Dibromochloromethane
Concen: 0.632 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.259 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

Tgt Ion:129 Resp: 2365
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

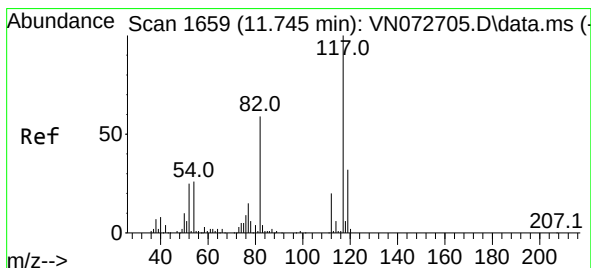
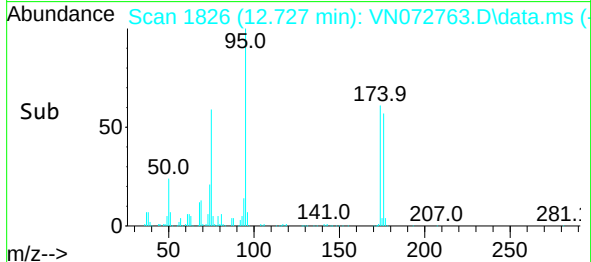
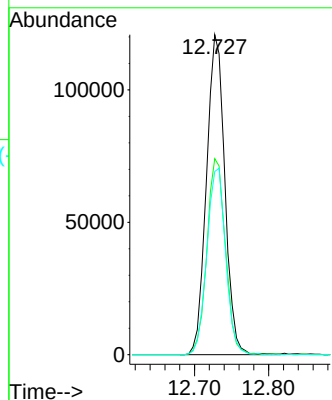
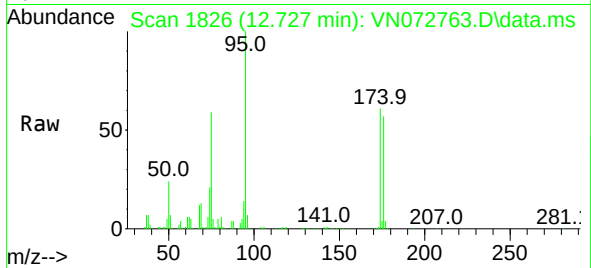




#62
4-Bromofluorobenzene
Concen: 47.864 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

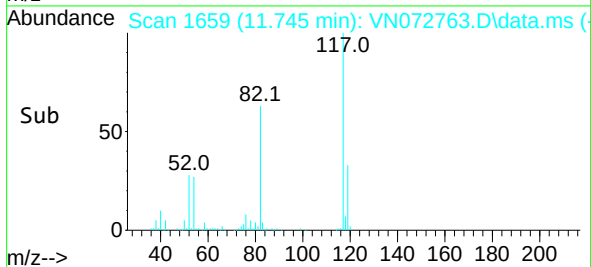
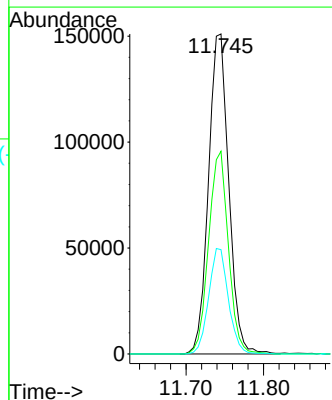
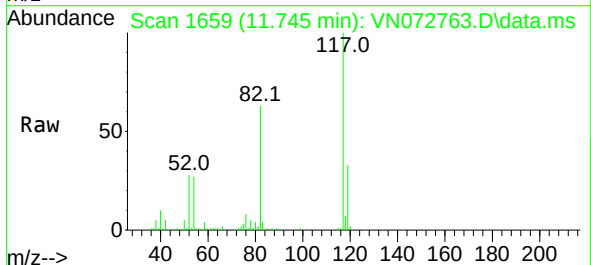
Instrument :
MSVOA_N
ClientSampleId :
MW-1

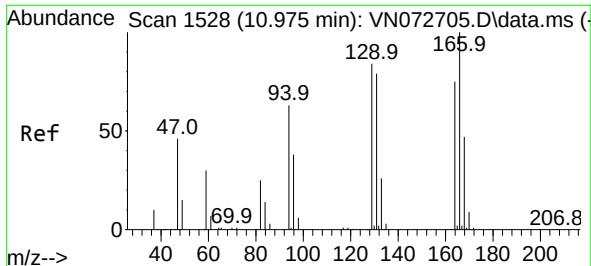
Tgt Ion: 95 Resp: 208097
Ion Ratio Lower Upper
95 100
174 61.8 0.0 167.6
176 59.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

Tgt Ion: 117 Resp: 273764
Ion Ratio Lower Upper
117 100
82 63.3 44.2 66.2
119 32.6 25.4 38.0

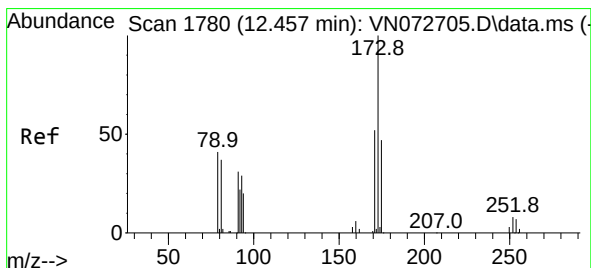
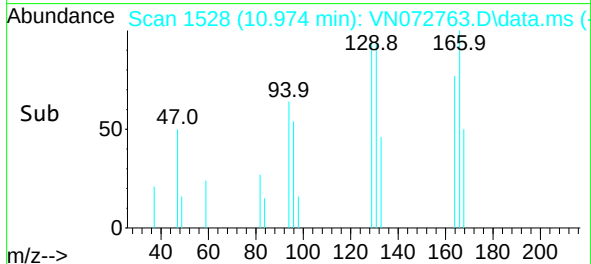
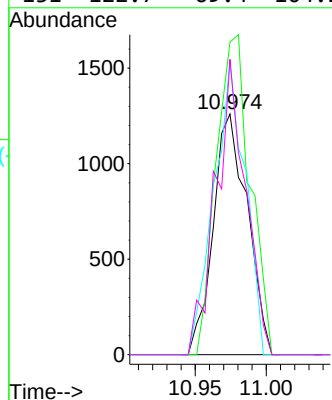
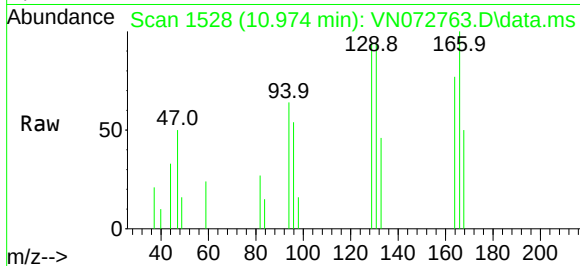




#64
Tetrachloroethene
Concen: 0.912 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

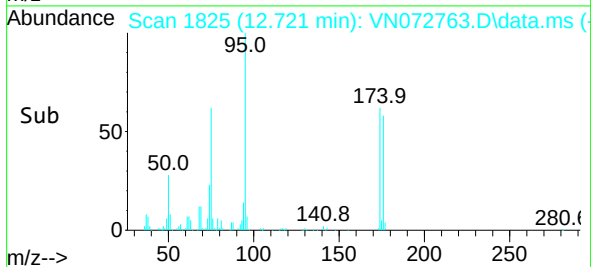
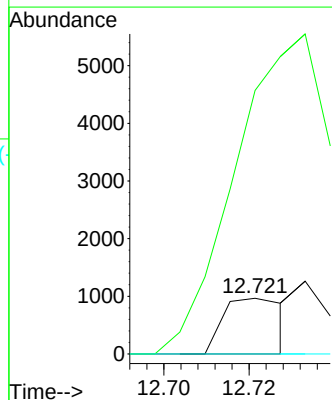
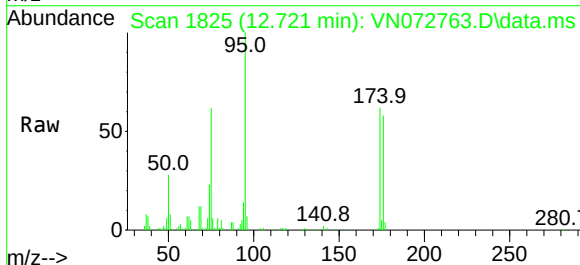
Instrument :
MSVOA_N
ClientSampleId :
MW-1

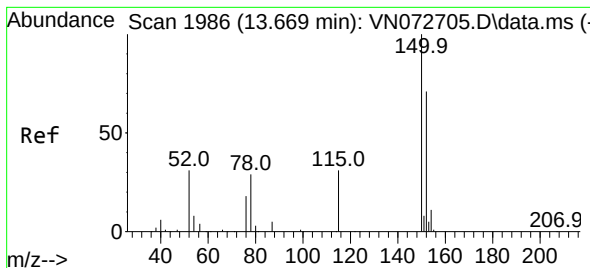
Tgt Ion:	164	Resp:	2101
Ion	Ratio	Lower	Upper
164	100		
166	129.8	104.2	156.2
129	122.1	73.9	110.9#
131	122.7	69.4	104.2#



#71
Bromoform
Concen: 0.476 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.264 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

Tgt Ion:	173	Resp:	972
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: 13.674 min Scan# 1986

Delta R.T. 0.005 min

Lab File: VN072763.D

Acq: 10 Jun 2022 14:32

Instrument :

MSVOA_N

ClientSampleId :

MW-1

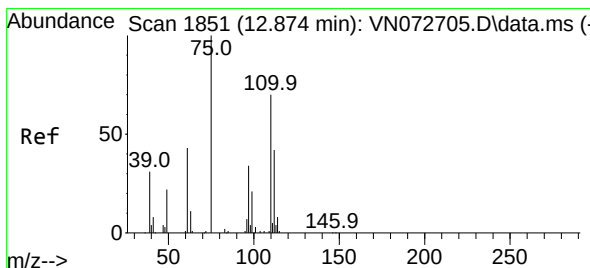
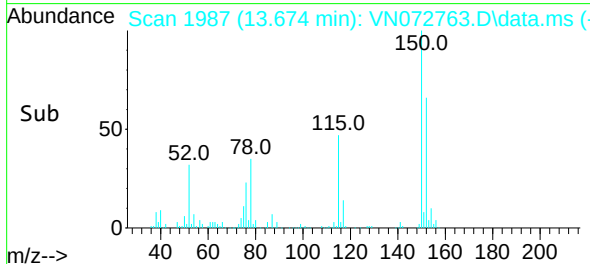
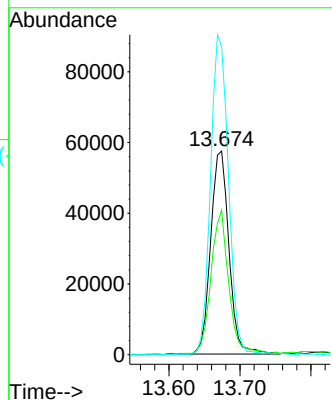
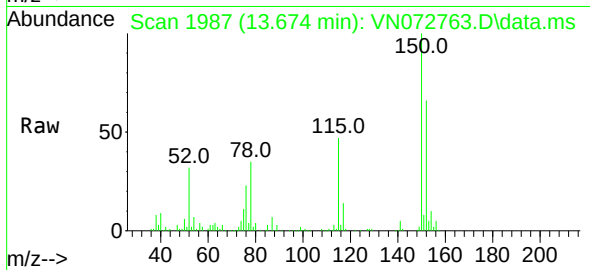
Tgt Ion:152 Resp: 102961

Ion Ratio Lower Upper

152 100

115 70.3 28.9 86.7

150 154.2 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 37.185 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN072763.D

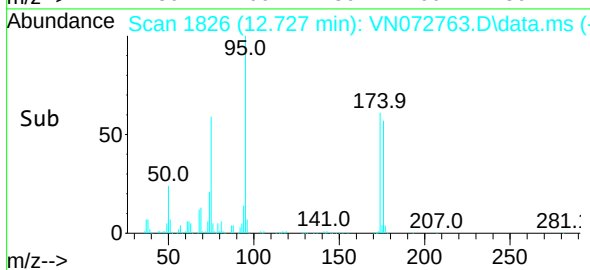
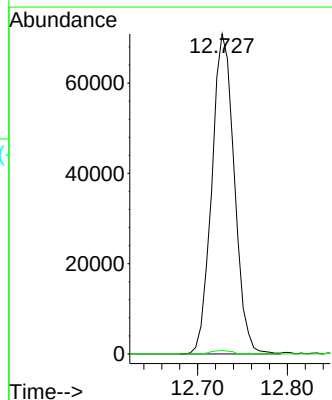
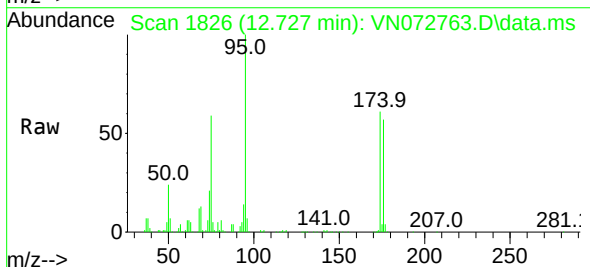
Acq: 10 Jun 2022 14:32

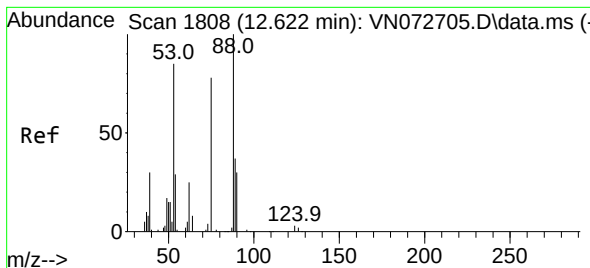
Tgt Ion: 75 Resp: 123546

Ion Ratio Lower Upper

75 100

77 0.9 98.5 295.5#

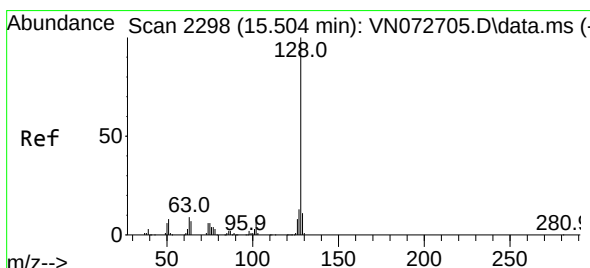
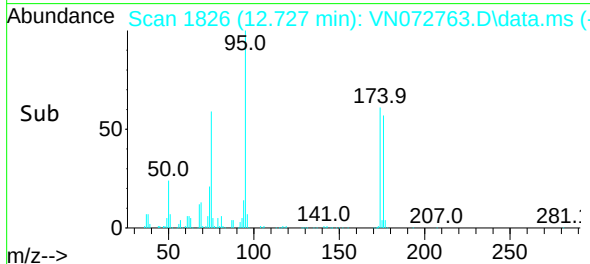
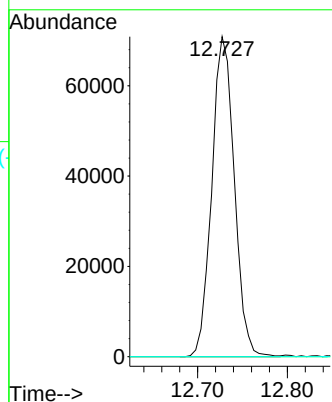
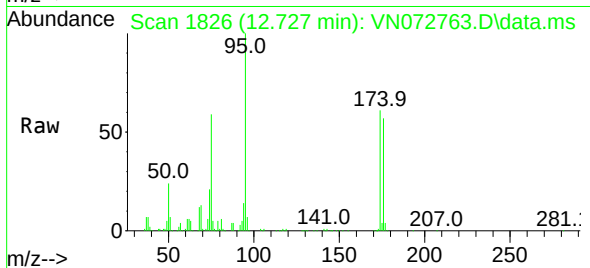




#81
trans-1,4-Dichloro-2-butene
Concen: 97.248 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion: 75 Resp: 123546
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.222 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN072763.D
Acq: 10 Jun 2022 14:32

Tgt Ion:128 Resp: 8268
Ion Ratio Lower Upper
128 100
127 10.8 10.3 15.5
129 8.8 8.6 13.0

