

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074299.D
 Acq On : 02 Sep 2022 20:59
 Operator : JC\MD
 Sample : N4376-04DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38IDL

Quant Time: Sep 03 04:41:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

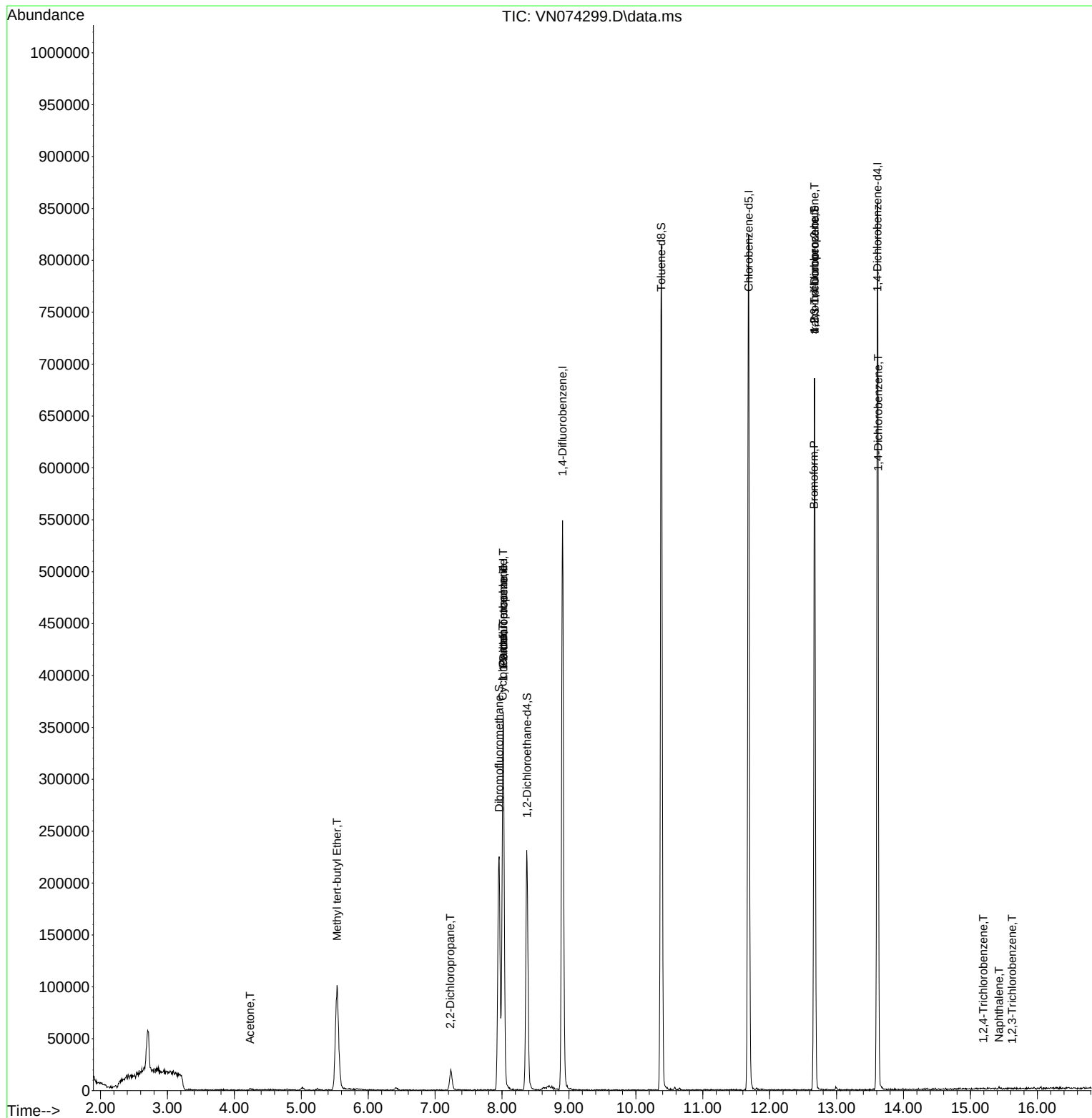
Internal Standards						
1) Pentafluorobenzene	8.016	168	261490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	477204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	453285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	207554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	182870	44.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.720%
35) Dibromofluoromethane	7.957	113	158577	50.148	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.300%
50) Toluene-d8	10.381	98	557708	44.727	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.460%
62) 4-Bromofluorobenzene	12.669	95	202493	44.700	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.400%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	2030	1.192	ug/l #	74
19) Methyl tert-butyl Ether	5.534	73	160958	15.777	ug/l	96
20) Methylene Chloride	5.016	84	1714	Below Cal	#	67
26) 2,2-Dichloropropane	7.228	77	1431	0.301	ug/l #	53
31) Cyclohexane	8.010	56	7429	1.365	ug/l #	45
36) 1,1-Dichloropropene	8.022	75	25653	5.716	ug/l #	46
38) Carbon Tetrachloride	8.016	117	28136	6.206	ug/l #	17
71) Bromoform	12.663	173	987	0.370	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	116642	19.843	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	116642	64.414	ug/l #	10
88) 1,4-Dichlorobenzene	13.622	146	705	0.261	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.192	180	77	0.874	ug/l #	1
95) Naphthalene	15.427	128	1545	0.865	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.621	180	53	0.426	ug/l #	74

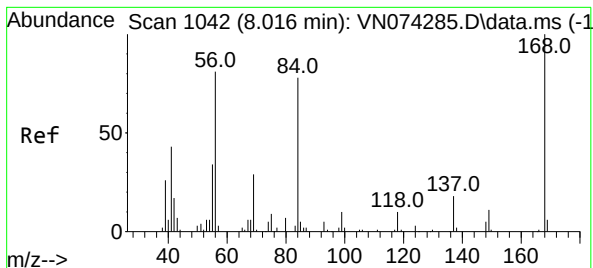
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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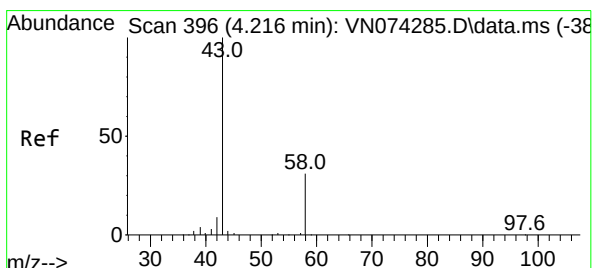
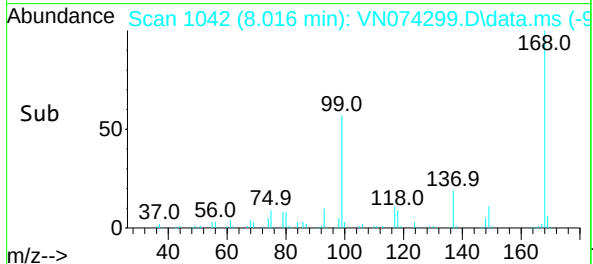
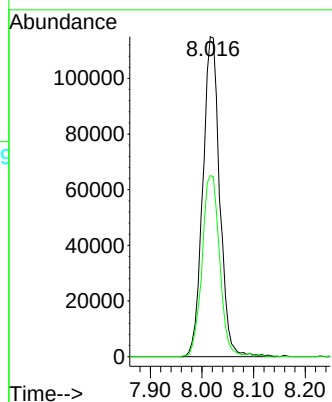
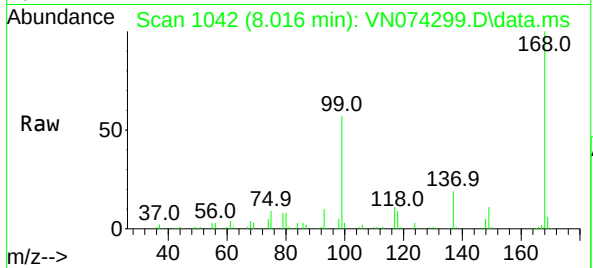




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074299.D
Acq: 02 Sep 2022 20:59

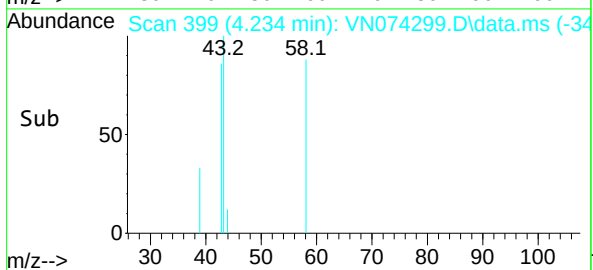
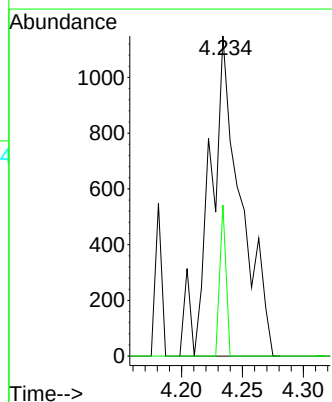
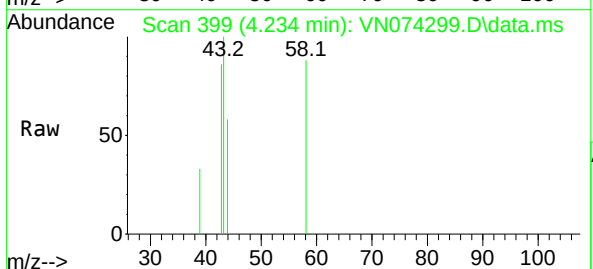
Instrument :
MSVOA_N
ClientSampleId :
MW-38IDL

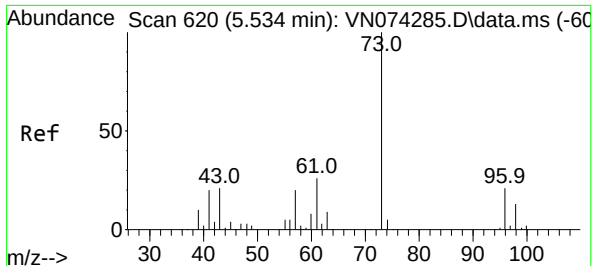
Tgt Ion:168 Resp: 261490
Ion Ratio Lower Upper
168 100
99 56.6 42.3 63.5



#16
Acetone
Concen: 1.192 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074299.D
Acq: 02 Sep 2022 20:59

Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
58 47.2 26.0 39.0#

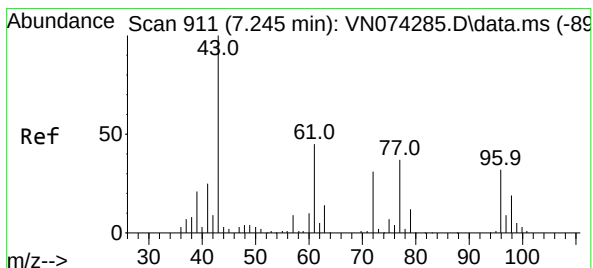
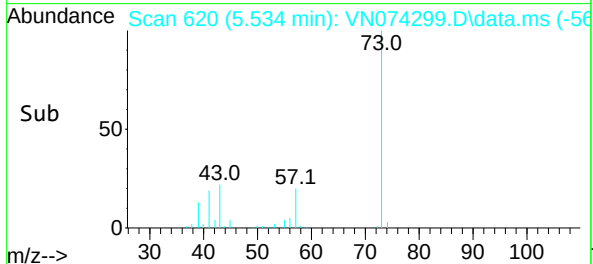
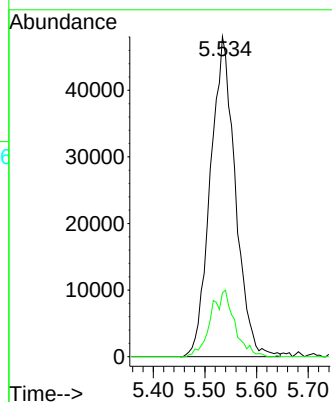
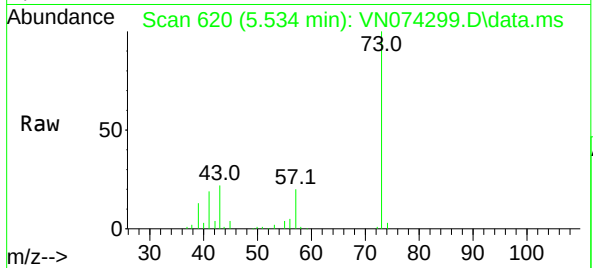




#19
Methyl tert-butyl Ether
Concen: 15.777 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074299.D
Acq: 02 Sep 2022 20:59

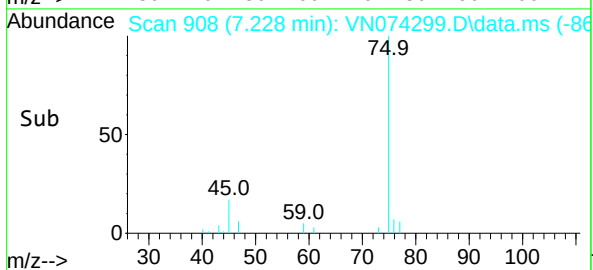
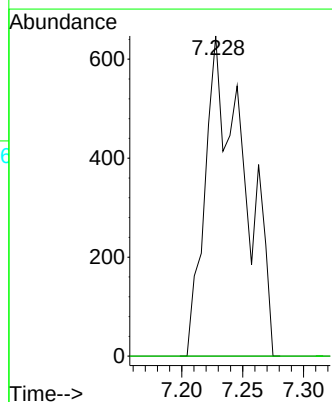
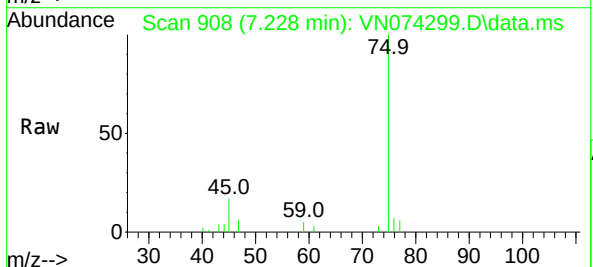
Instrument :
MSVOA_N
ClientSampleId :
MW-38IDL

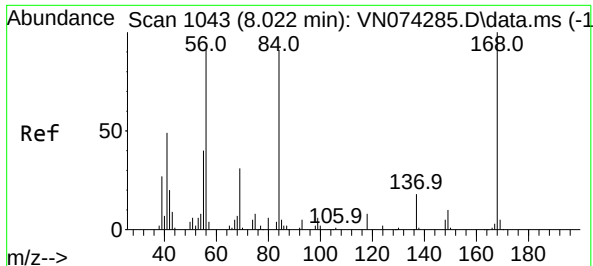
Tgt Ion: 73 Resp: 160958
Ion Ratio Lower Upper
73 100
57 19.9 17.6 26.4



#26
2,2-Dichloropropane
Concen: 0.301 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.017 min
Lab File: VN074299.D
Acq: 02 Sep 2022 20:59

Tgt Ion: 77 Resp: 1431
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

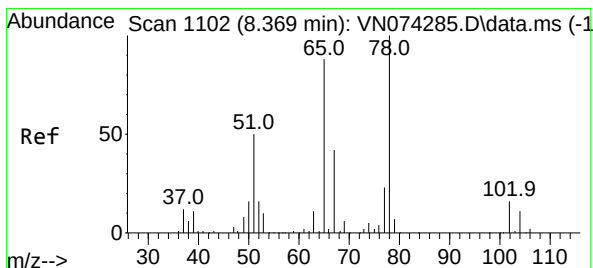
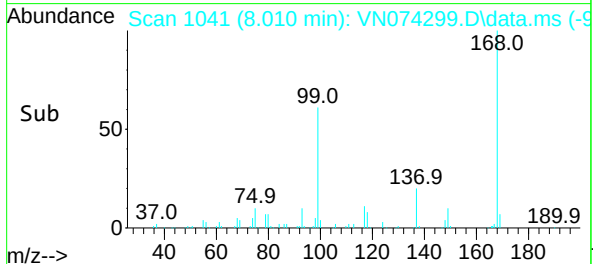
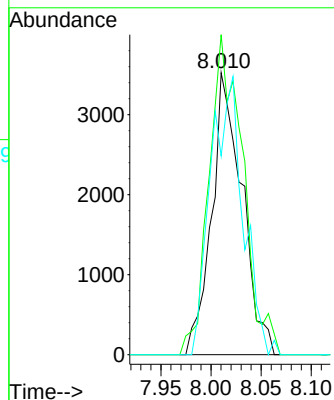
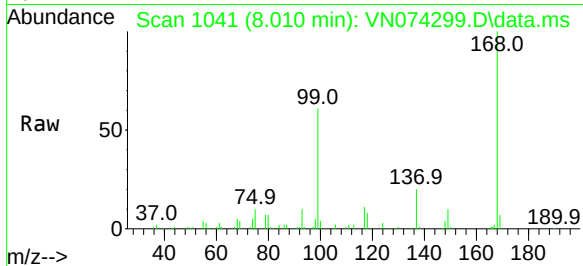




#31
Cyclohexane
Concen: 1.365 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074299.D
Acq: 02 Sep 2022 20:59

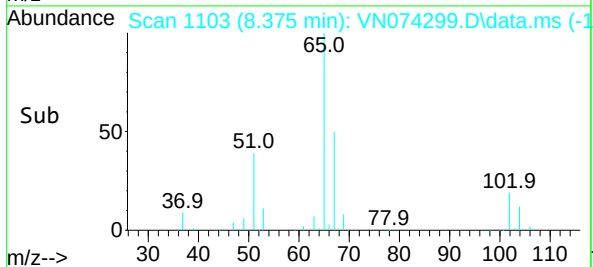
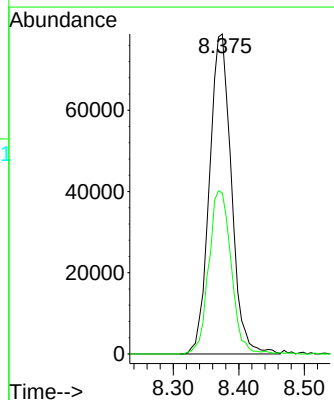
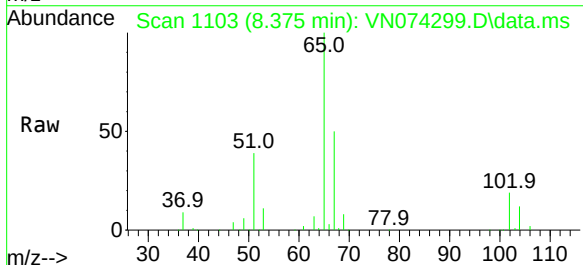
Instrument :
MSVOA_N
ClientSampleId :
MW-38IDL

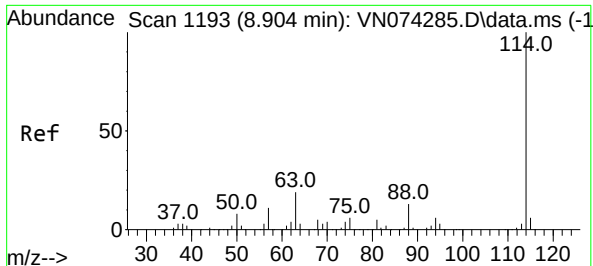
Tgt Ion: 56 Resp: 7429
Ion Ratio Lower Upper
56 100
69 113.5 27.8 41.8#
84 70.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 44.863 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074299.D
Acq: 02 Sep 2022 20:59

Tgt Ion: 65 Resp: 182870
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074299.D

Acq: 02 Sep 2022 20:59

Instrument :

MSVOA_N

ClientSampleId :

MW-38IDL

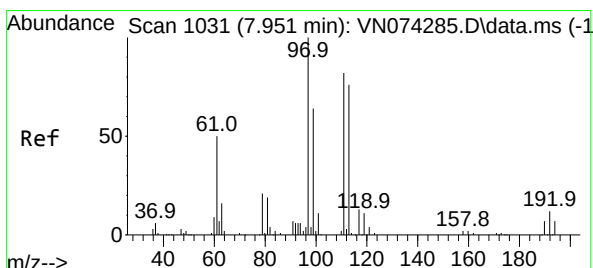
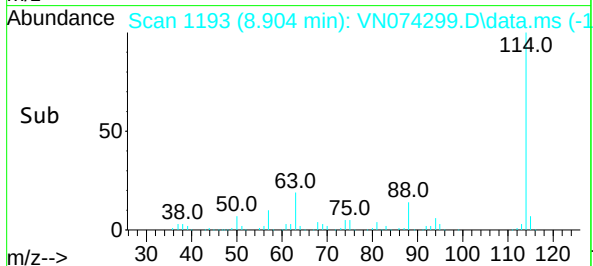
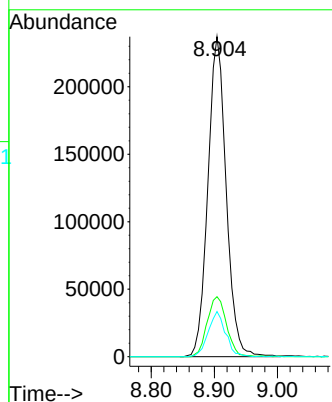
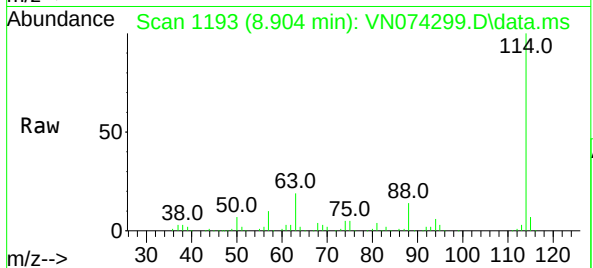
Tgt Ion:114 Resp: 477204

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 14.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.148 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074299.D

Acq: 02 Sep 2022 20:59

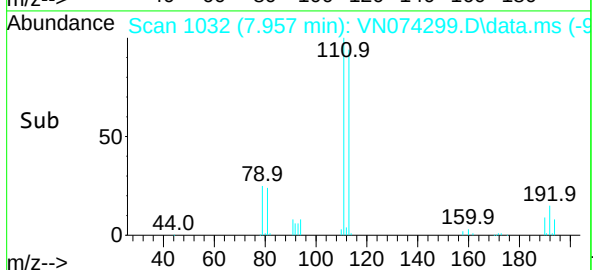
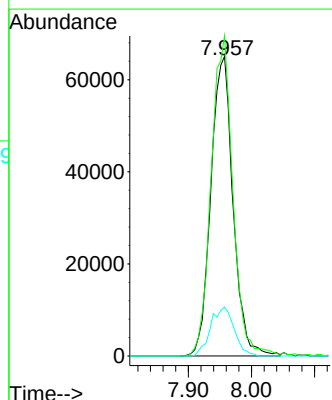
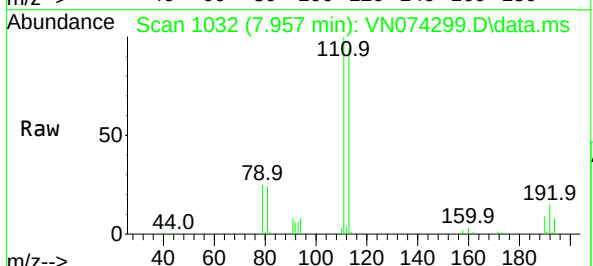
Tgt Ion:113 Resp: 158577

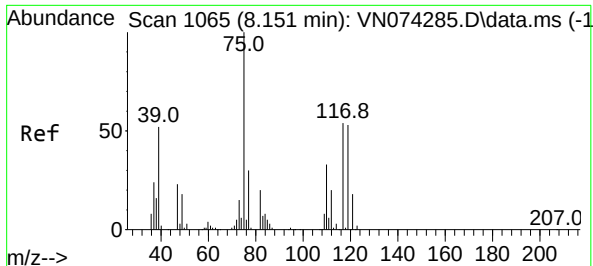
Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 17.4 17.0 25.6

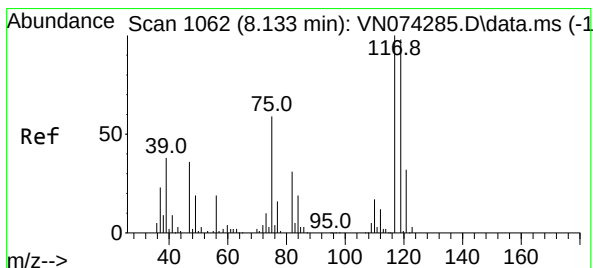
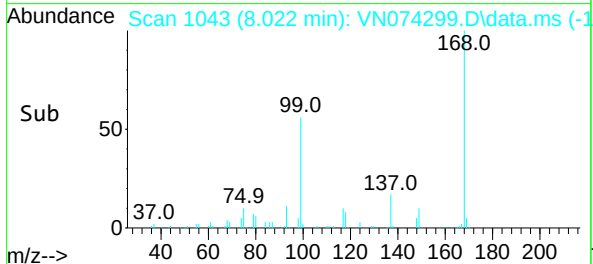
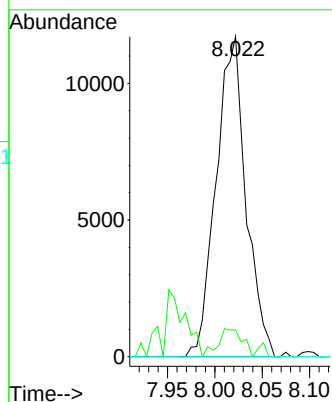
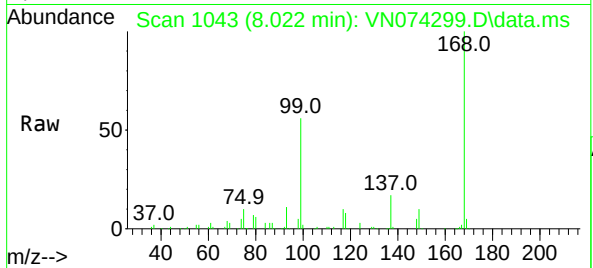




#36
 1,1-Dichloropropene
 Concen: 5.716 ug/l
 RT: 8.022 min Scan# 1043
 Delta R.T. -0.135 min
 Lab File: VN074299.D
 Acq: 02 Sep 2022 20:59

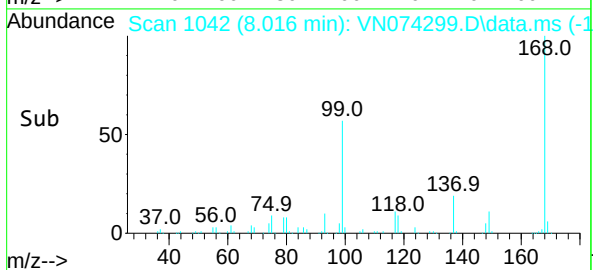
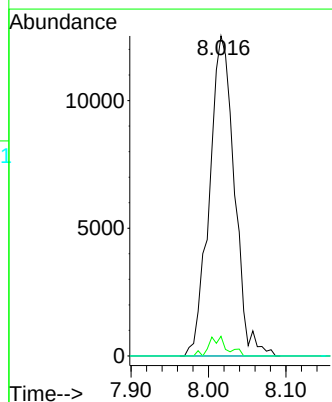
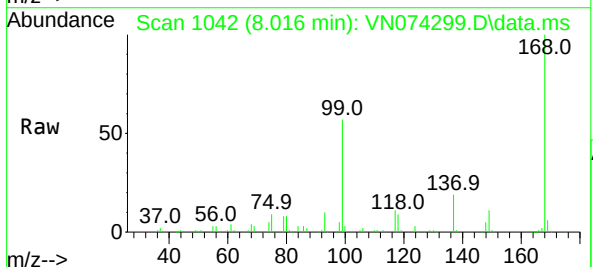
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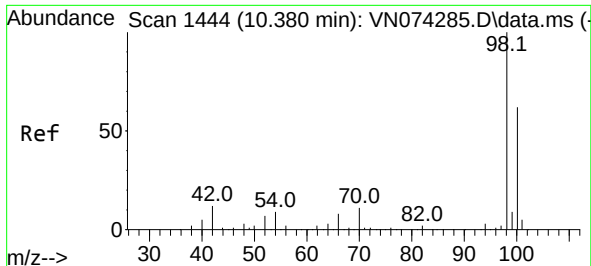
Tgt Ion: 75 Resp: 25653
 Ion Ratio Lower Upper
 75 100
 110 6.3 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.206 ug/l
 RT: 8.016 min Scan# 1042
 Delta R.T. -0.117 min
 Lab File: VN074299.D
 Acq: 02 Sep 2022 20:59

Tgt Ion: 117 Resp: 28136
 Ion Ratio Lower Upper
 117 100
 119 6.2 75.8 113.8#
 121 0.0 24.6 37.0#

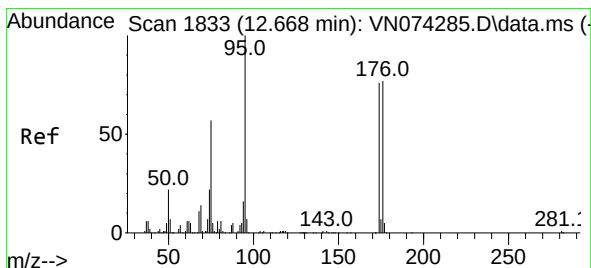
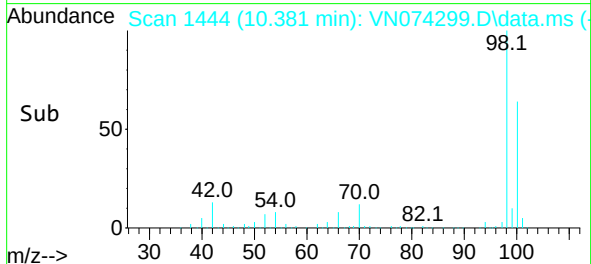
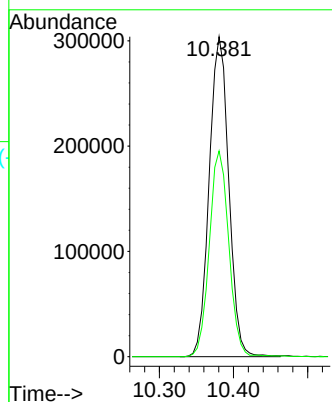
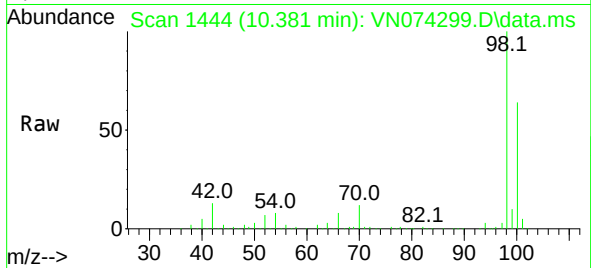




#50
Toluene-d8
Concen: 44.727 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074299.D
Acq: 02 Sep 2022 20:59

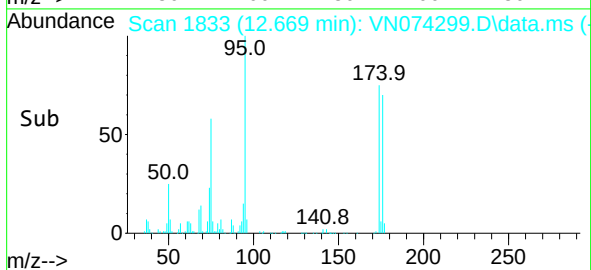
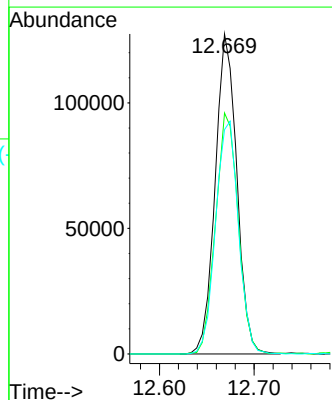
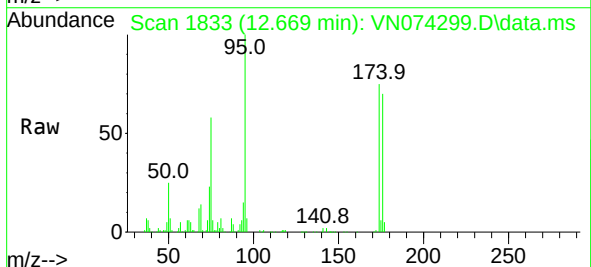
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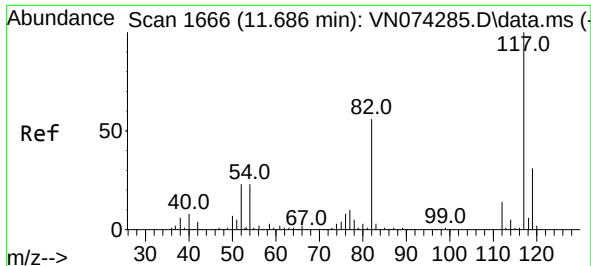
Tgt Ion: 98 Resp: 557708
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.700 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074299.D
Acq: 02 Sep 2022 20:59

Tgt Ion: 95 Resp: 202493
Ion Ratio Lower Upper
95 100
174 78.5 0.0 167.6
176 76.9 0.0 163.4

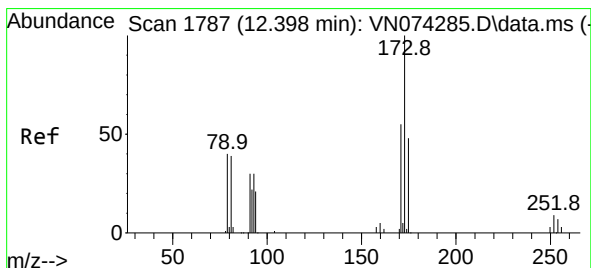
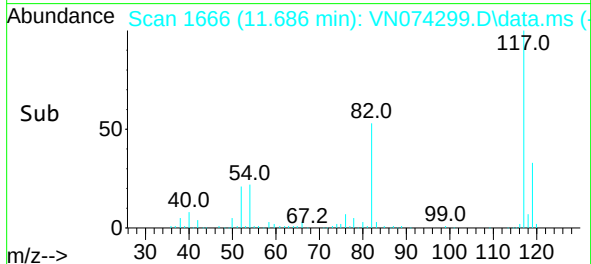
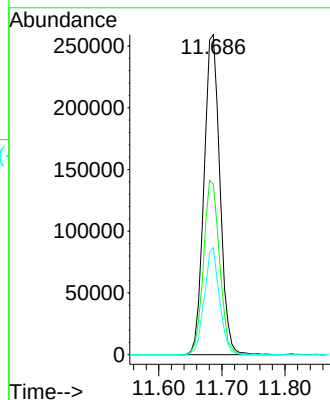
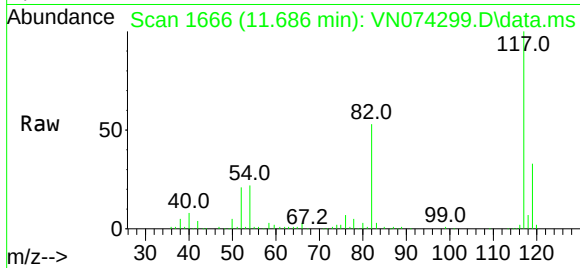




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074299.D
Acq: 02 Sep 2022 20:59

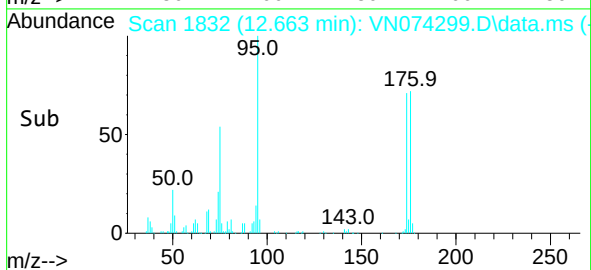
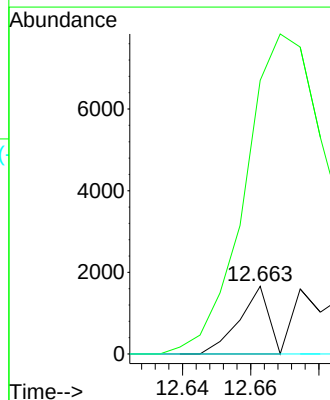
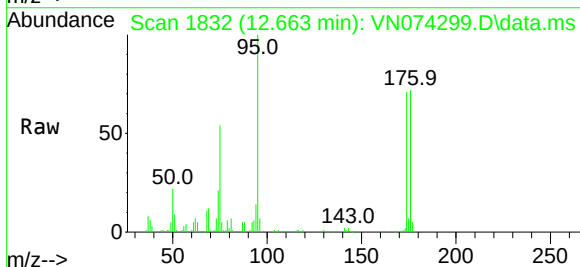
Instrument :
MSVOA_N
ClientSampleId :
MW-38IDL

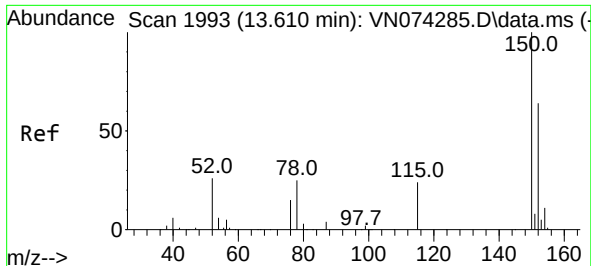
Tgt Ion:117 Resp: 453285
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 33.4 25.4 38.0



#71
Bromoform
Concen: 0.370 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN074299.D
Acq: 02 Sep 2022 20:59

Tgt Ion:173 Resp: 987
Ion Ratio Lower Upper
173 100
175 977.6 24.6 73.6#
254 0.0 0.1 0.1#

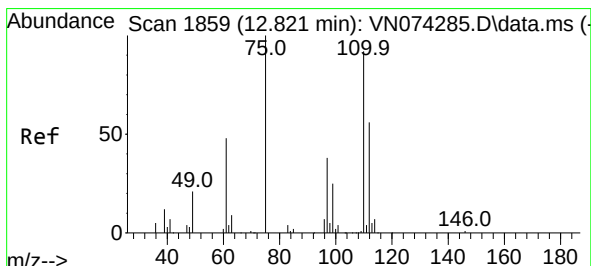
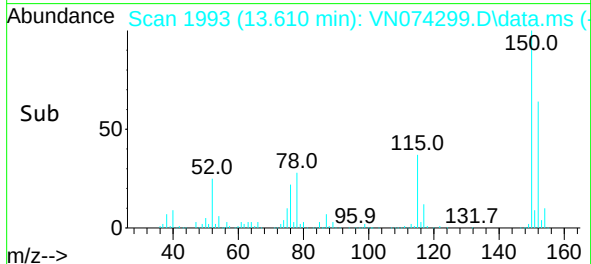
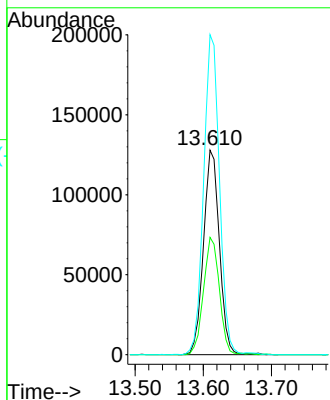
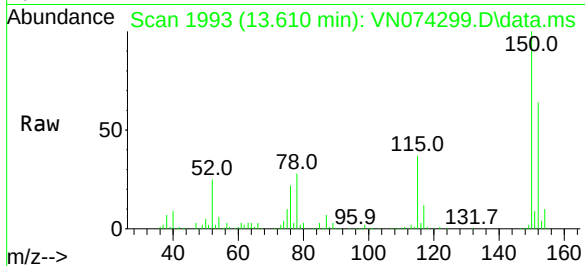




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074299.D
 Acq: 02 Sep 2022 20:59

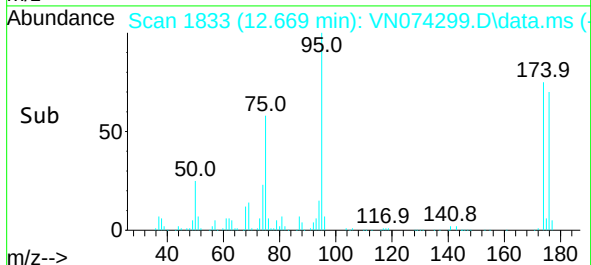
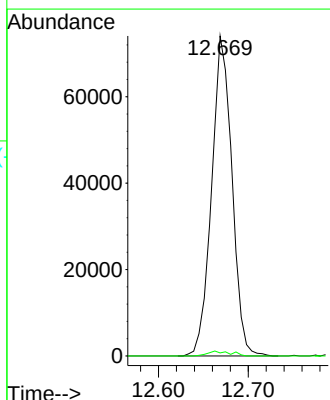
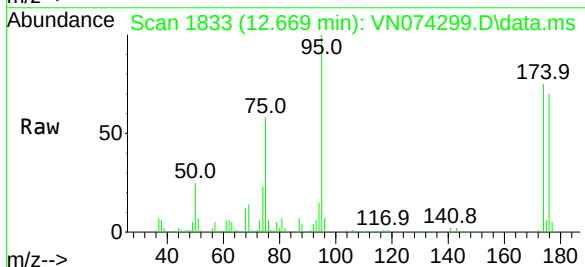
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38IDL

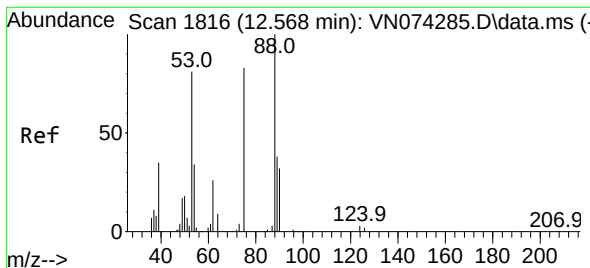
Tgt Ion:152 Resp: 207554
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.9 86.7
 150 156.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 19.843 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.152 min
 Lab File: VN074299.D
 Acq: 02 Sep 2022 20:59

Tgt Ion: 75 Resp: 116642
 Ion Ratio Lower Upper
 75 100
 77 1.7 98.5 295.5#

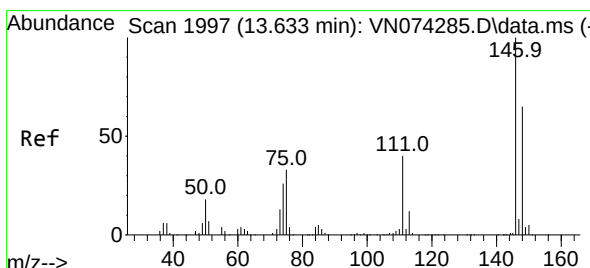
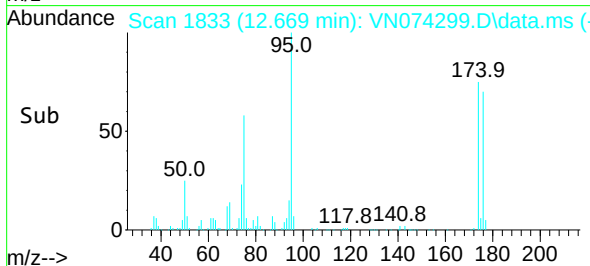
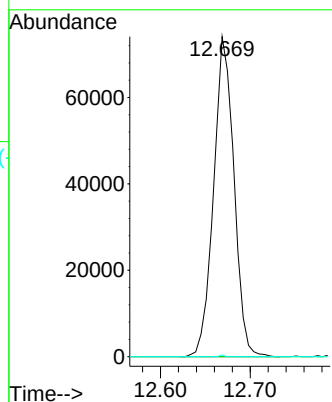
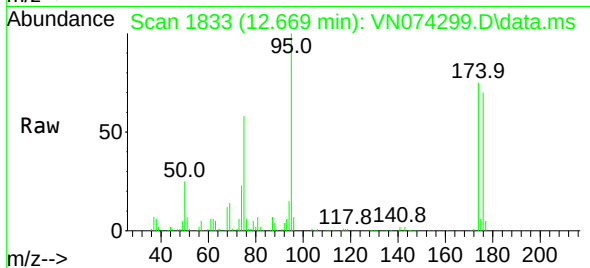




#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.414 ug/l
 RT: 12.669 min Scan# 1816
 Delta R.T. 0.106 min
 Lab File: VN074299.D
 Acq: 02 Sep 2022 20:59

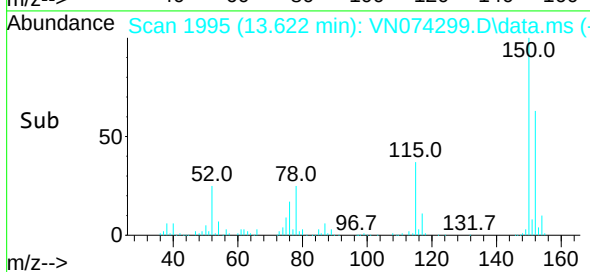
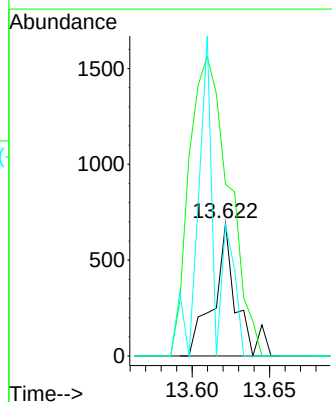
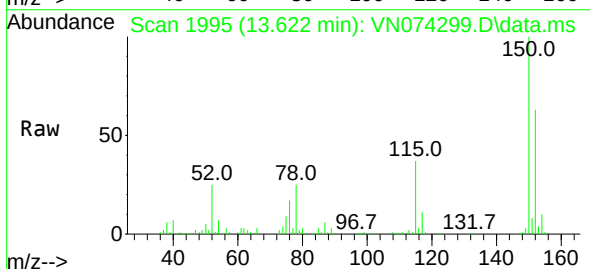
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38IDL

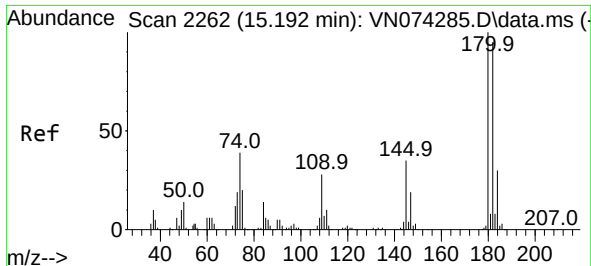
Tgt Ion: 75 Resp: 116642
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#



#88
 1,4-Dichlorobenzene
 Concen: 0.261 ug/l
 RT: 13.622 min Scan# 1995
 Delta R.T. -0.011 min
 Lab File: VN074299.D
 Acq: 02 Sep 2022 20:59

Tgt Ion: 146 Resp: 705
 Ion Ratio Lower Upper
 146 100
 111 396.0 19.1 57.1#
 148 196.7 31.4 94.3#

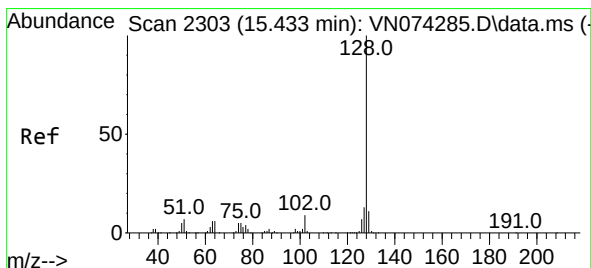
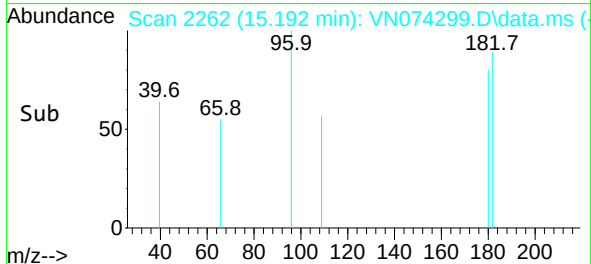
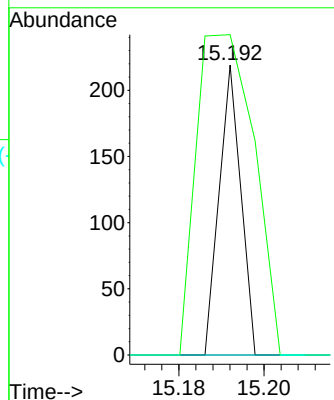
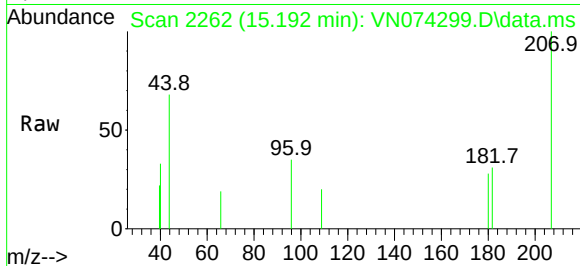




#93
 1,2,4-Trichlorobenzene
 Concen: 0.874 ug/l
 RT: 15.192 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074299.D
 Acq: 02 Sep 2022 20:59

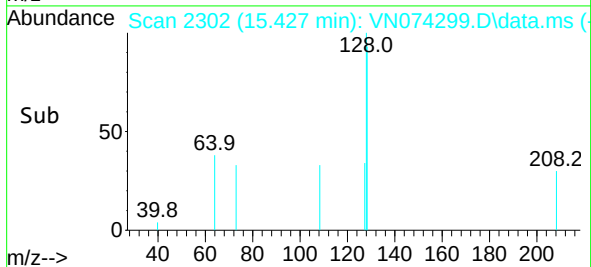
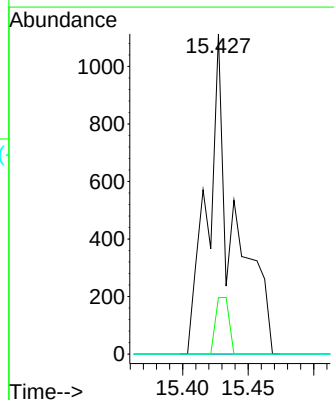
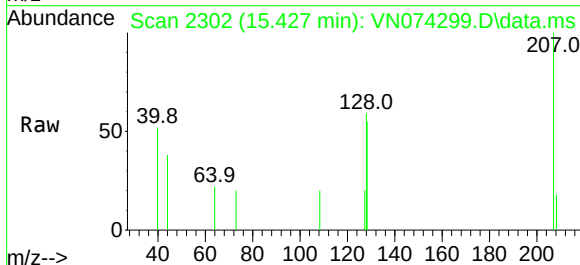
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38IDL

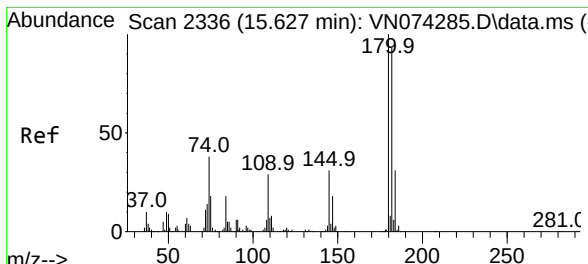
Tgt Ion:180 Resp: 77
 Ion Ratio Lower Upper
 180 100
 182 296.1 47.5 142.5#
 145 0.0 14.5 43.5#



#95
 Naphthalene
 Concen: 0.865 ug/l
 RT: 15.427 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN074299.D
 Acq: 02 Sep 2022 20:59

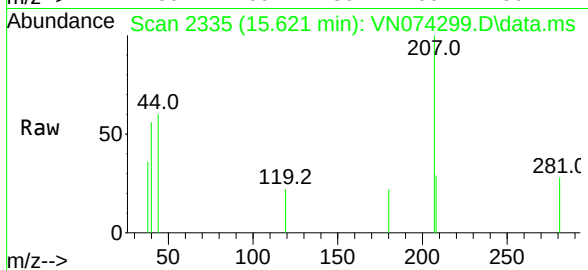
Tgt Ion:128 Resp: 1545
 Ion Ratio Lower Upper
 128 100
 127 9.0 10.3 15.5#
 129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.426 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074299.D
 Acq: 02 Sep 2022 20:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38IDL



Tgt Ion:	180	Resp:	53
Ion	Ratio	Lower	Upper
180	100		
182	111.3	47.8	143.3
145	0.0	15.5	46.5#

