

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073049.D
 Acq On : 23 Jun 2022 15:27
 Operator : JC\MD
 Sample : N3381-01DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Quant Time: Jun 24 01:19:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

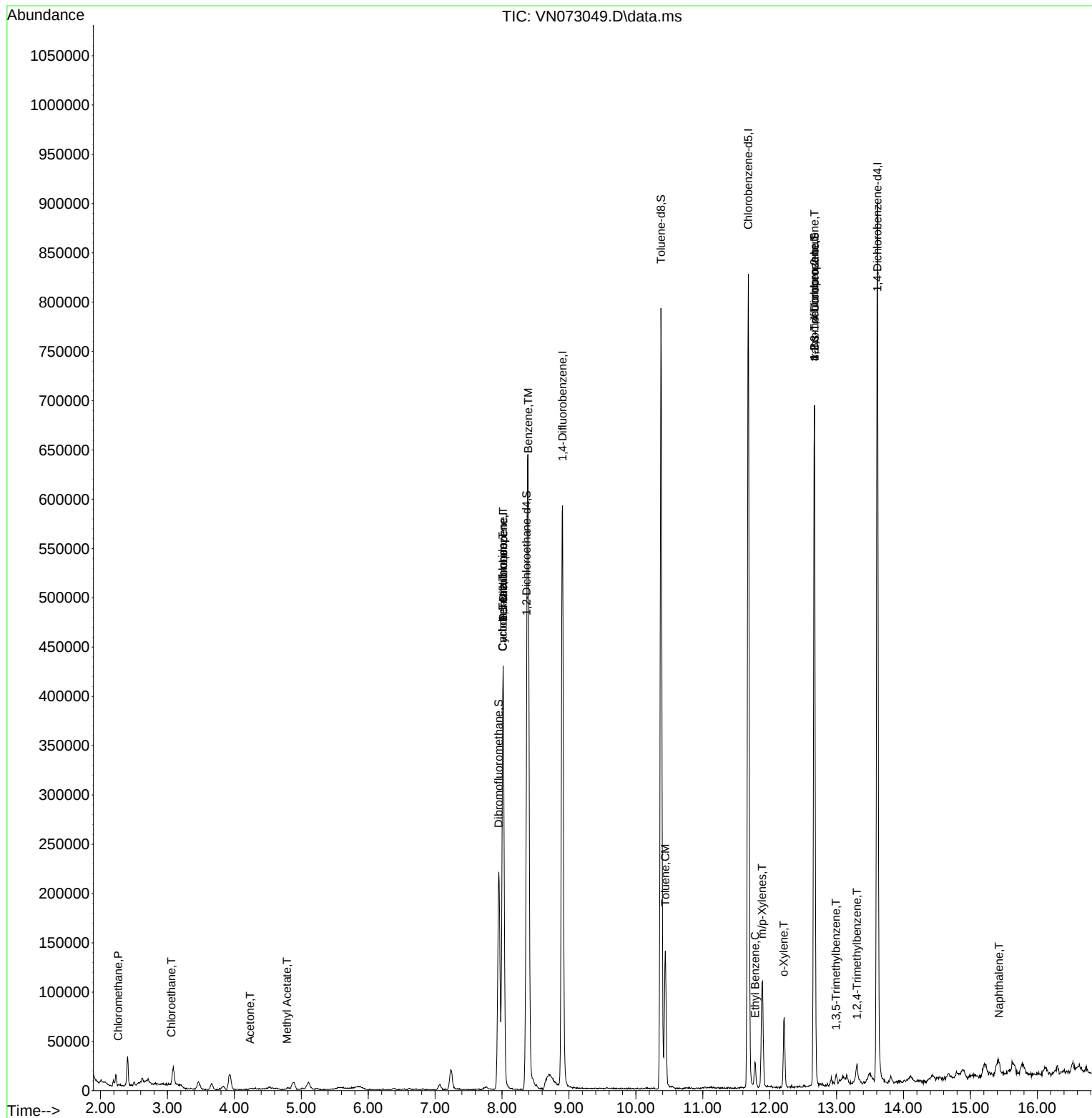
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	325416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	523441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	465322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	238525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	190724	43.351	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.700%
35) Dibromofluoromethane	7.951	113	163213	50.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.900%
50) Toluene-d8	10.375	98	535573	44.487	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.669	95	240985	55.668	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.340%
Target Compounds						
					Qvalue	
3) Chloromethane	2.264	50	944	0.849	ug/l #	43
6) Chloroethane	3.058	64	456	0.262	ug/l	99
16) Acetone	4.234	43	3195	1.321	ug/l #	76
18) Methyl Acetate	4.787	43	4685	0.727	ug/l #	75
20) Methylene Chloride	5.010	84	373	Below Cal	#	72
26) 2,2-Dichloropropane	7.246	77	1264	Below Cal	#	53
31) Cyclohexane	8.010	56	7983	1.341	ug/l #	28
36) 1,1-Dichloropropene	8.016	75	26463	6.045	ug/l #	48
38) Carbon Tetrachloride	8.010	117	33034	7.174	ug/l #	16
40) Benzene	8.393	78	565158	41.078	ug/l	99
52) Toluene	10.440	92	59053	6.991	ug/l	100
67) Ethyl Benzene	11.781	91	17155	1.072	ug/l	92
68) m/p-Xylenes	11.886	106	36174	5.765	ug/l	95
69) o-Xylene	12.210	106	18871	3.010	ug/l	91
76) 1,2,3-Trichloropropane	12.669	75	123577	21.369	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.992	105	3702	0.244	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.669	75	123577	57.710	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.304	105	8717	0.577	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.545	75	54	Below Cal	#	34
95) Naphthalene	15.427	128	10411	0.565	ug/l #	86

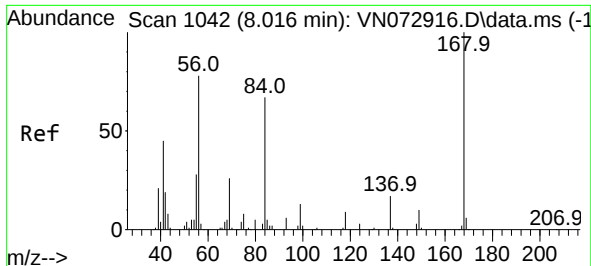
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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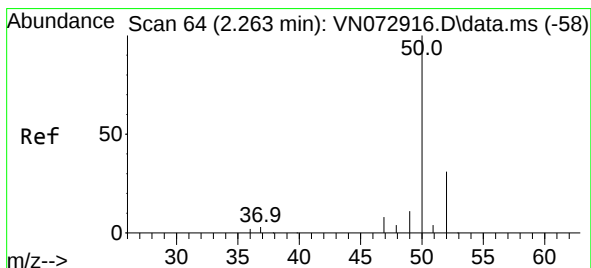
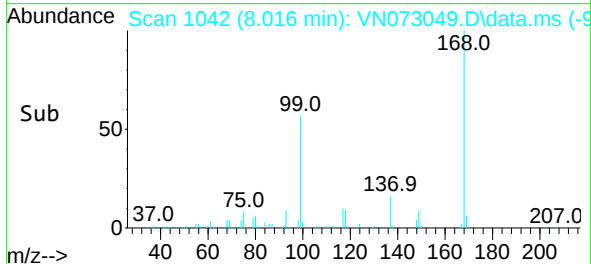
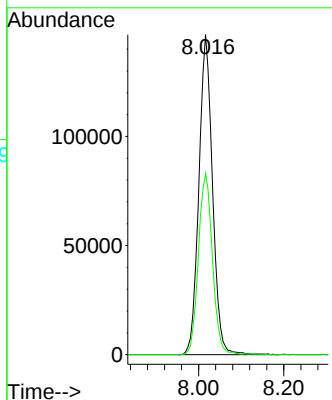
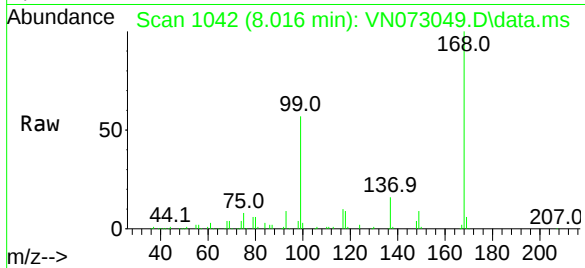




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

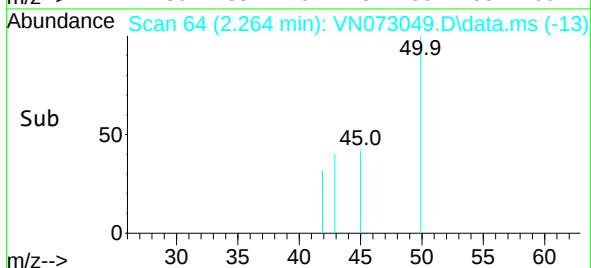
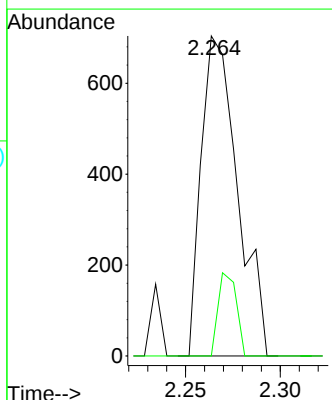
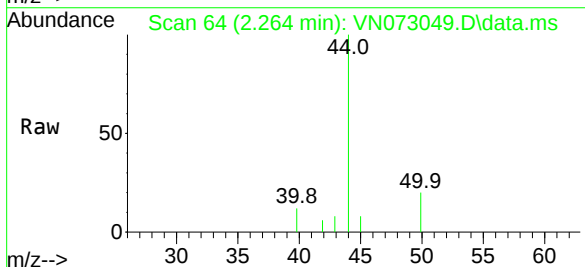
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

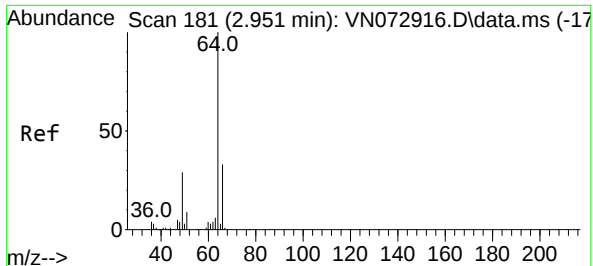
Tgt Ion:168 Resp: 325416
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5



#3
Chloromethane
Concen: 0.849 ug/l
RT: 2.264 min Scan# 64
Delta R.T. 0.001 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

Tgt Ion: 50 Resp: 944
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

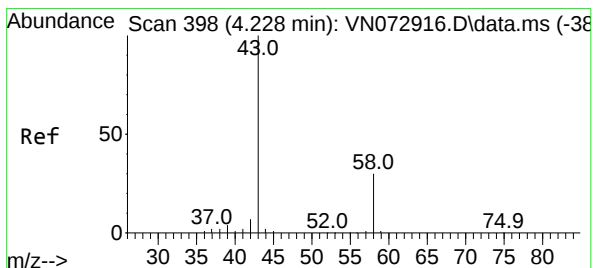
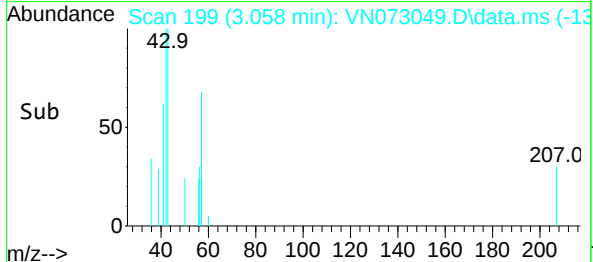
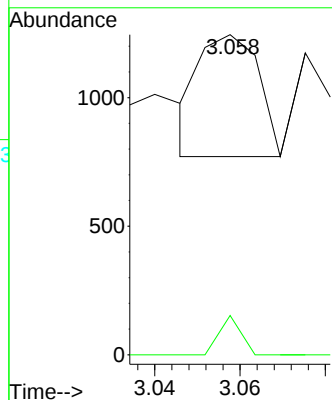
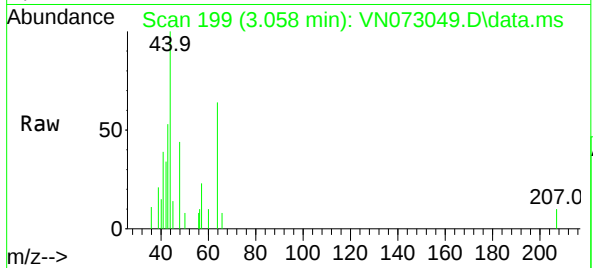




#6
Chloroethane
Concen: 0.262 ug/l
RT: 3.058 min Scan# 199
Delta R.T. 0.106 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

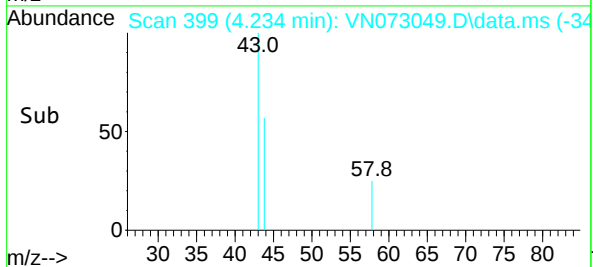
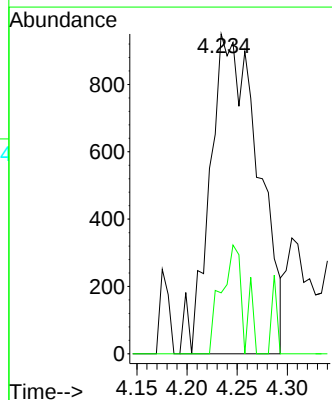
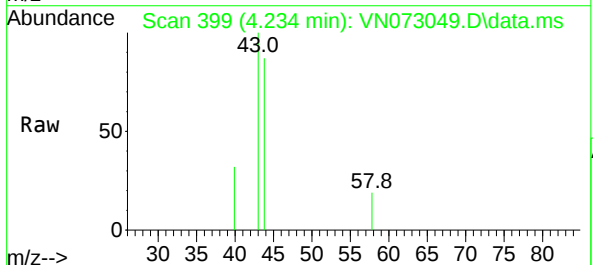
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

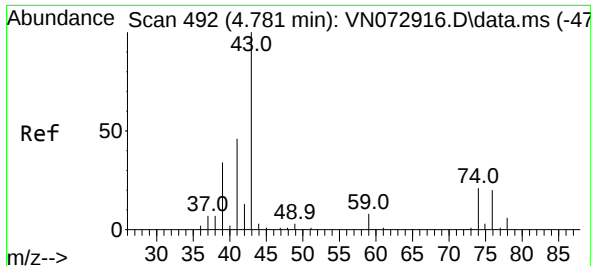
Tgt Ion: 64 Resp: 456
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4



#16
Acetone
Concen: 1.321 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

Tgt Ion: 43 Resp: 3195
Ion Ratio Lower Upper
43 100
58 19.1 26.0 39.0#

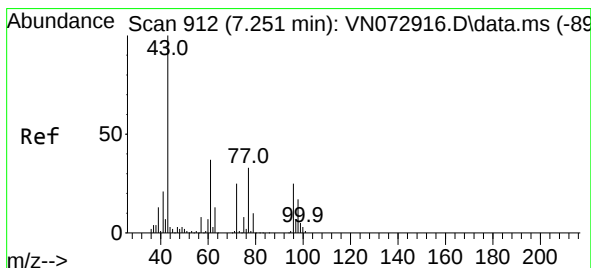
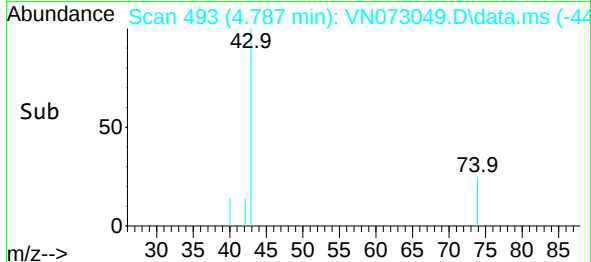
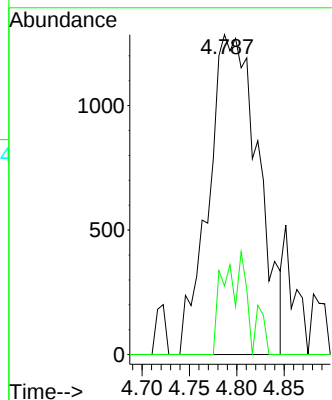
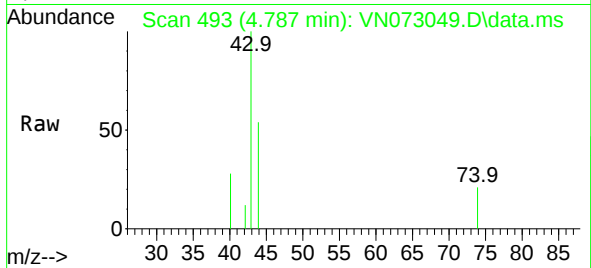




#18
Methyl Acetate
Concen: 0.727 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

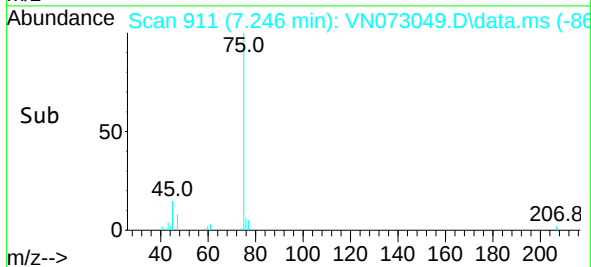
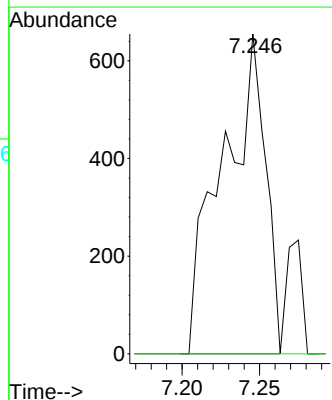
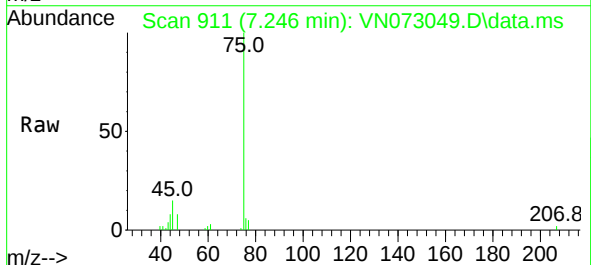
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

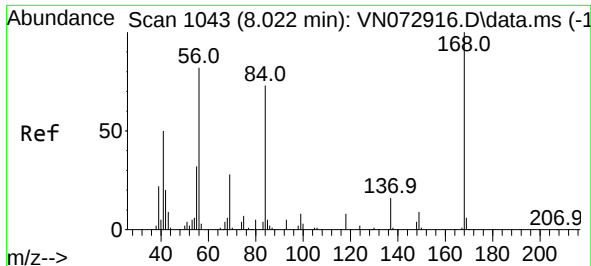
Tgt Ion: 43 Resp: 4685
Ion Ratio Lower Upper
43 100
74 13.9 21.6 32.4#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.246 min Scan# 911
Delta R.T. -0.005 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

Tgt Ion: 77 Resp: 1264
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#31

Cyclohexane

Concen: 1.341 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.011 min

Lab File: VN073049.D

Acq: 23 Jun 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

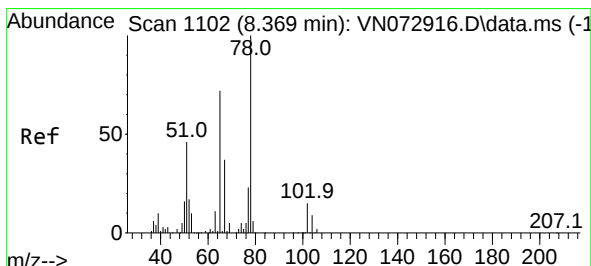
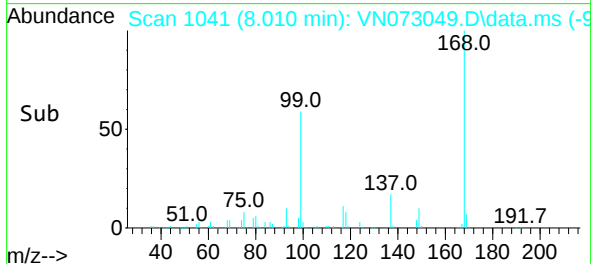
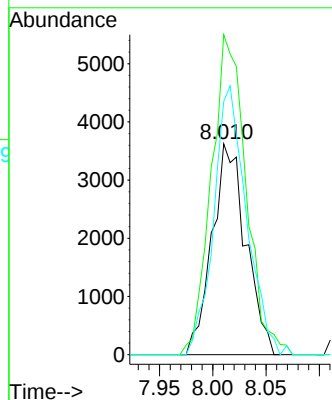
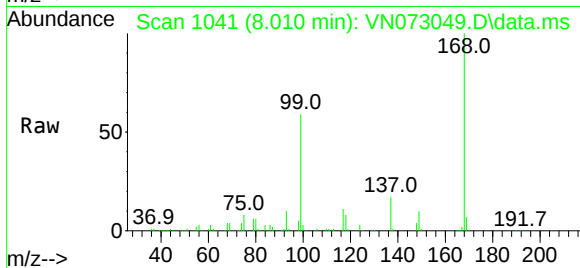
Tgt Ion: 56 Resp: 7983

Ion Ratio Lower Upper

56 100

69 151.7 27.8 41.8#

84 120.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 43.351 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073049.D

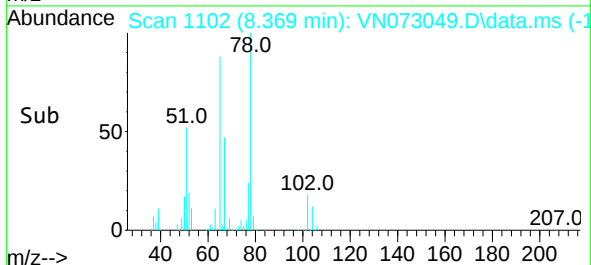
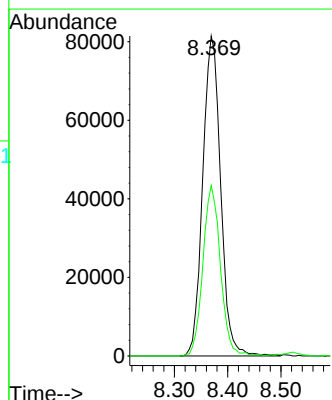
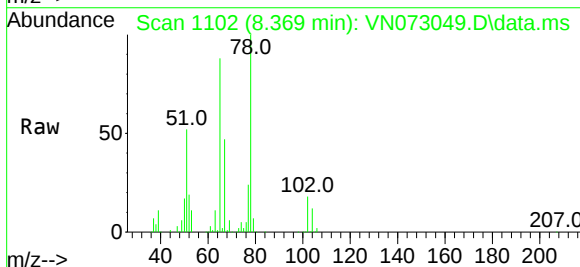
Acq: 23 Jun 2022 15:27

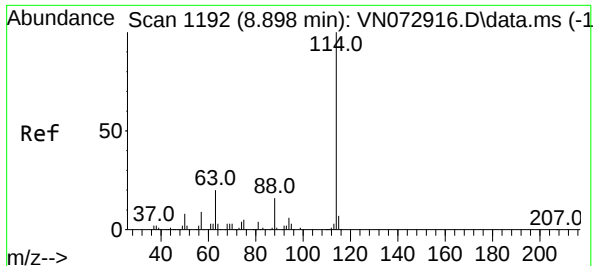
Tgt Ion: 65 Resp: 190724

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: VN073049.D

Acq: 23 Jun 2022 15:27

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

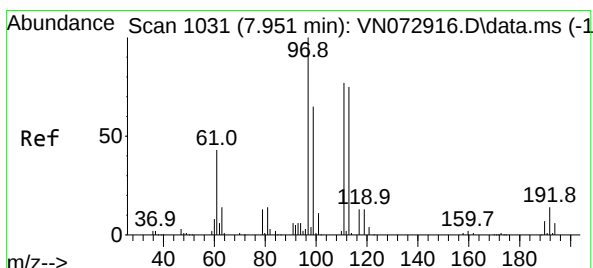
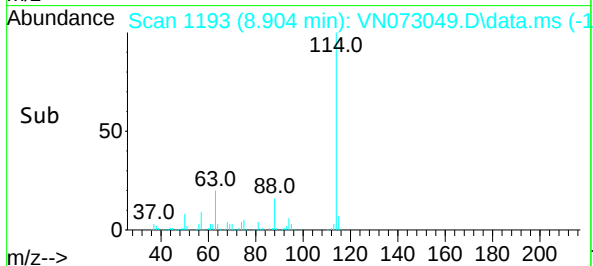
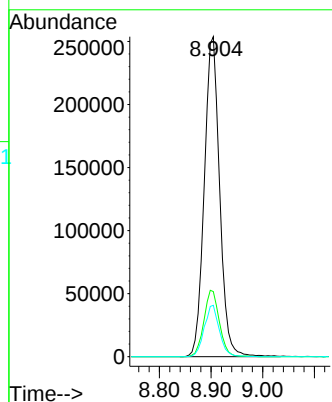
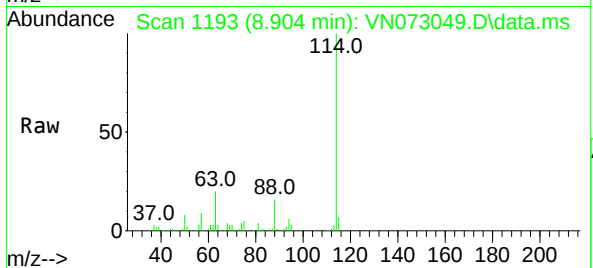
Tgt Ion:114 Resp: 523441

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.447 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073049.D

Acq: 23 Jun 2022 15:27

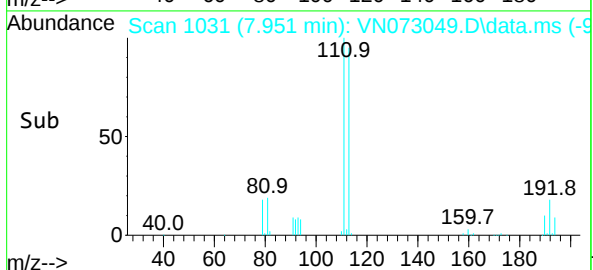
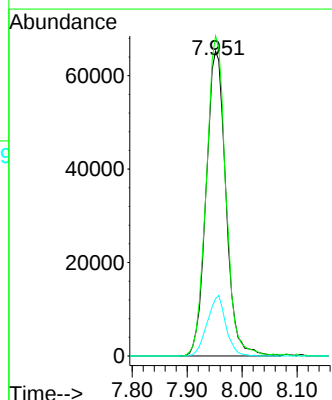
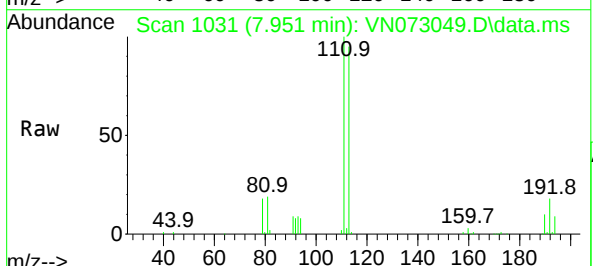
Tgt Ion:113 Resp: 163213

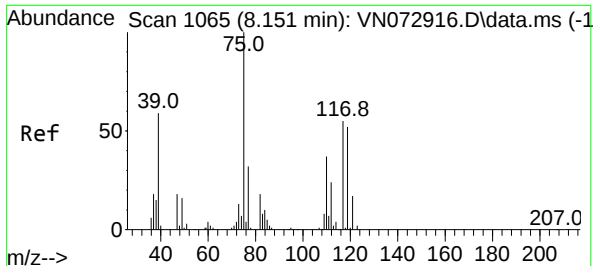
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 18.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 6.045 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN073049.D

Acq: 23 Jun 2022 15:27

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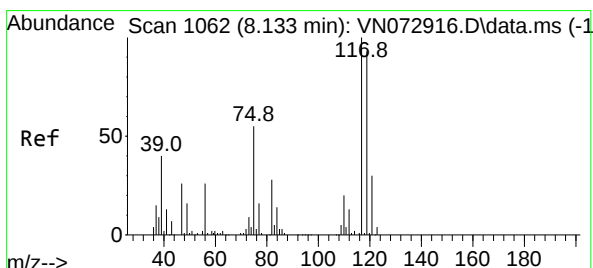
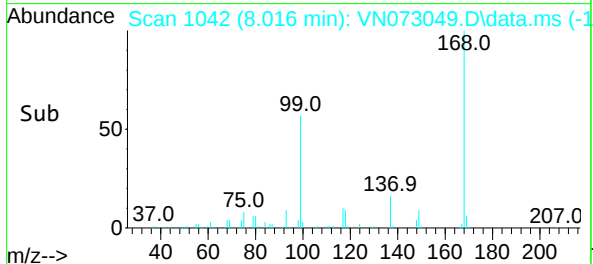
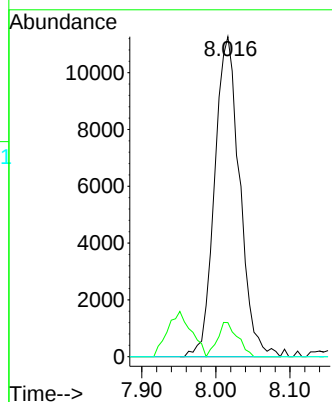
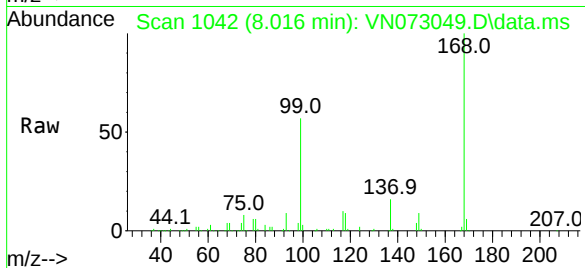
Tgt Ion: 75 Resp: 26463

Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.174 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.123 min

Lab File: VN073049.D

Acq: 23 Jun 2022 15:27

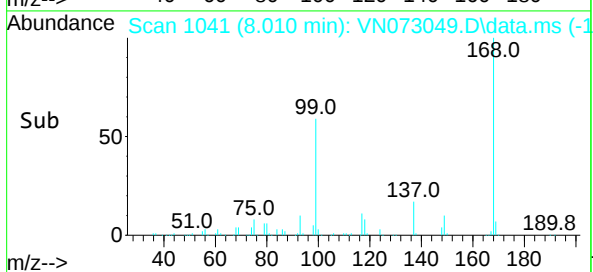
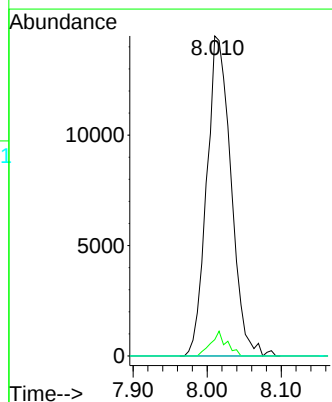
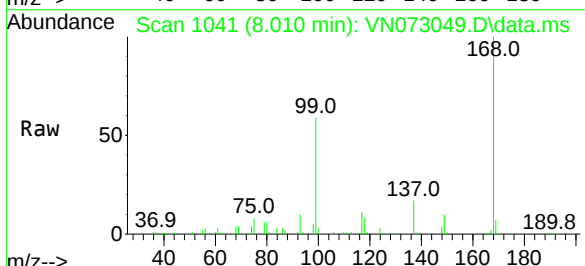
Tgt Ion: 117 Resp: 33034

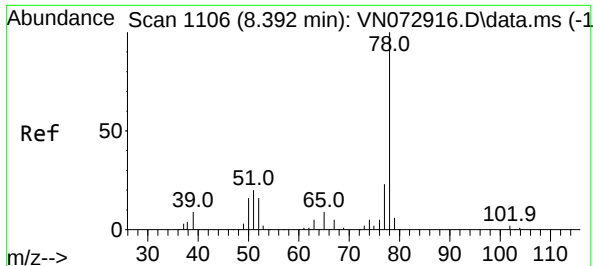
Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

121 0.0 24.6 37.0#

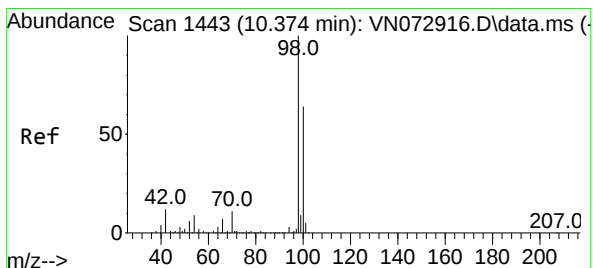
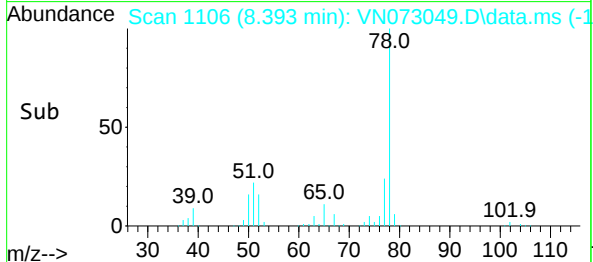
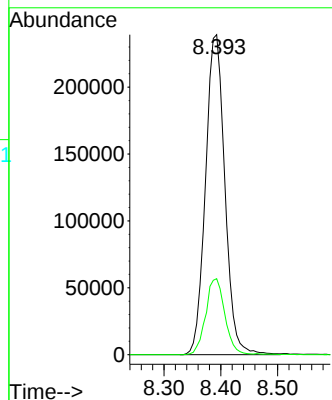
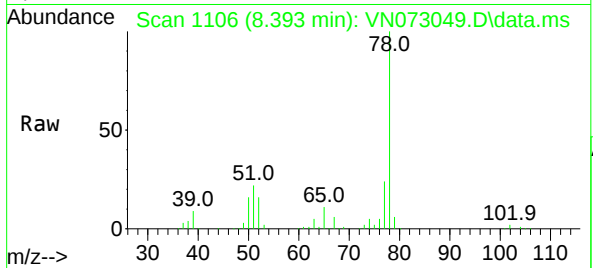




#40
Benzene
Concen: 41.078 ug/l
RT: 8.393 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

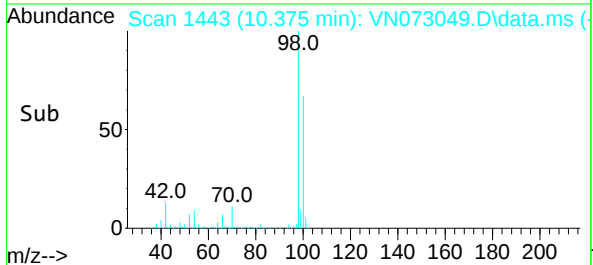
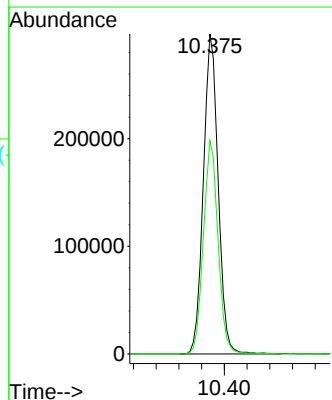
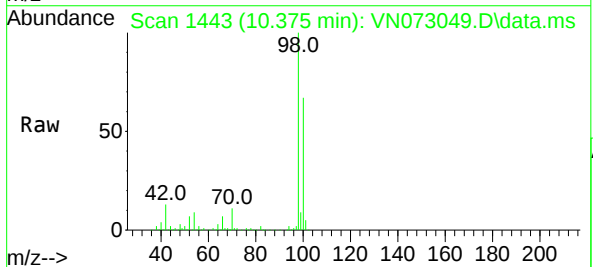
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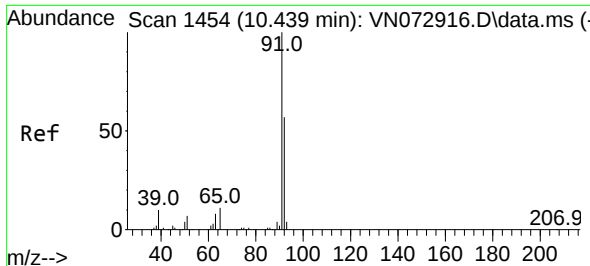
Tgt Ion: 78 Resp: 565158
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0



#50
Toluene-d8
Concen: 44.487 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

Tgt Ion: 98 Resp: 535573
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

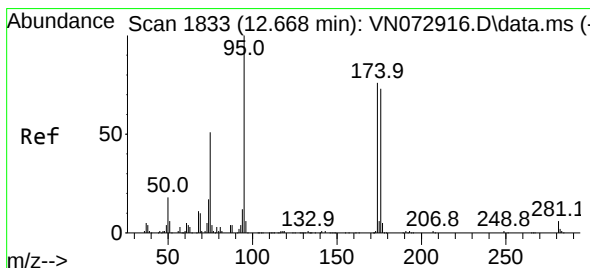
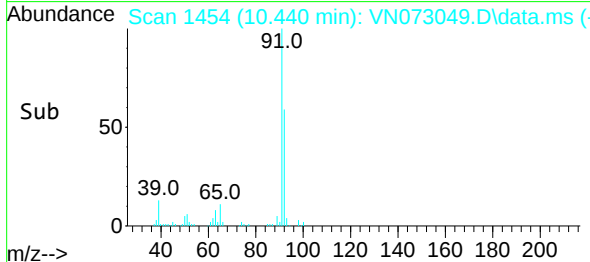
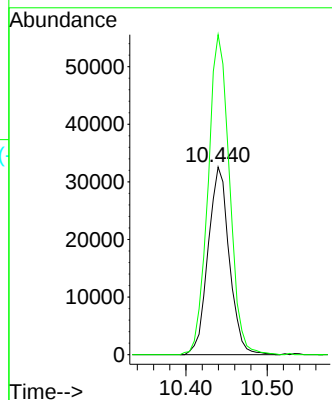
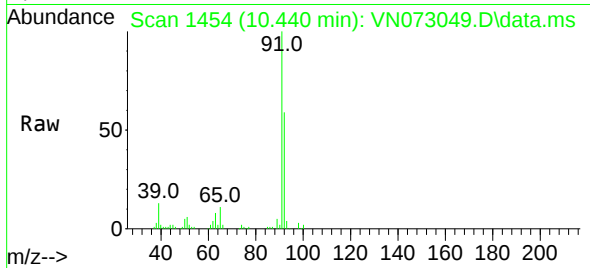




#52
Toluene
Concen: 6.991 ug/l
RT: 10.440 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

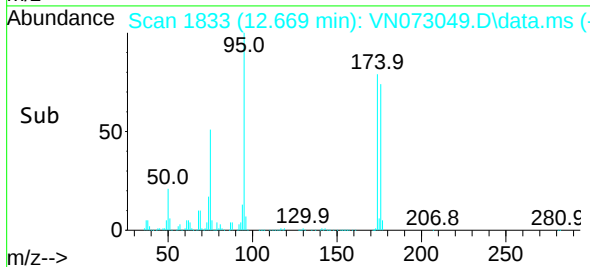
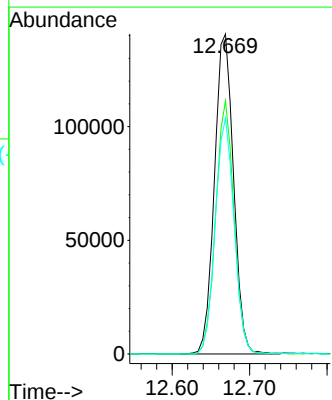
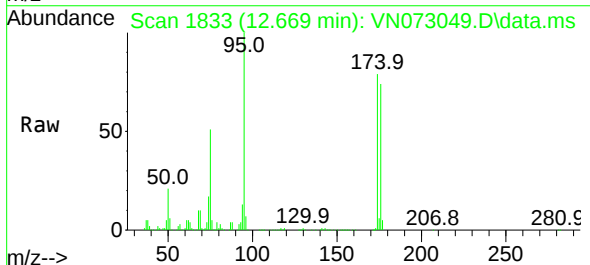
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

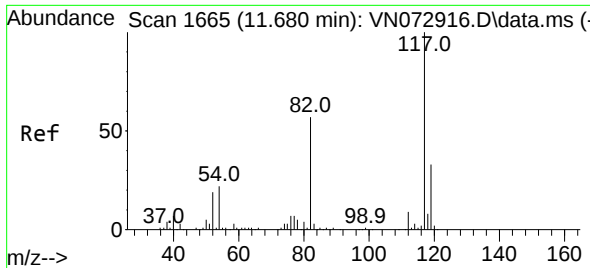
Tgt Ion: 92 Resp: 59053
Ion Ratio Lower Upper
92 100
91 173.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 55.668 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

Tgt Ion: 95 Resp: 240985
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 72.7 0.0 163.4

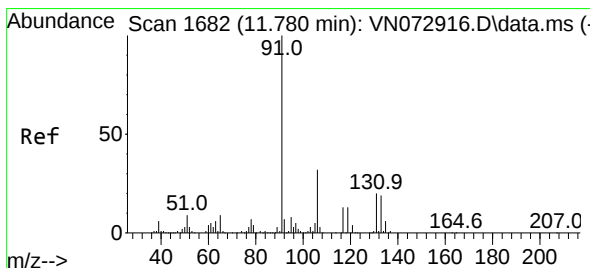
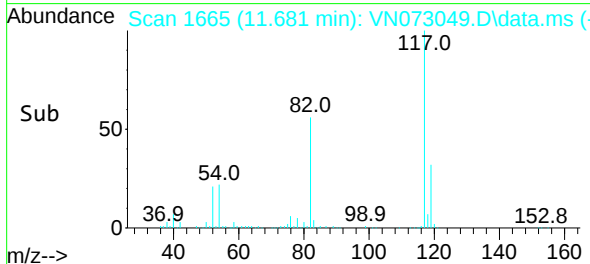
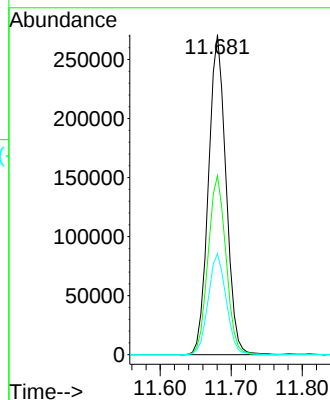
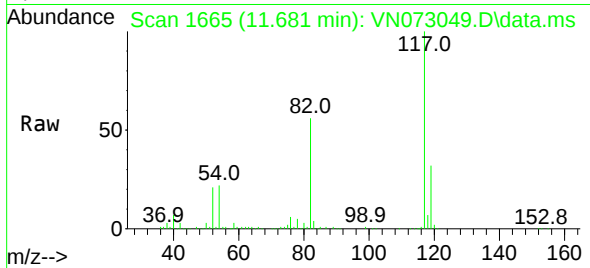




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.681 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

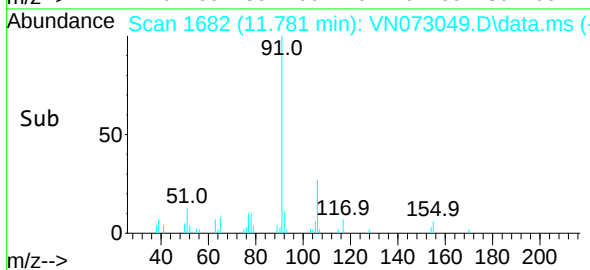
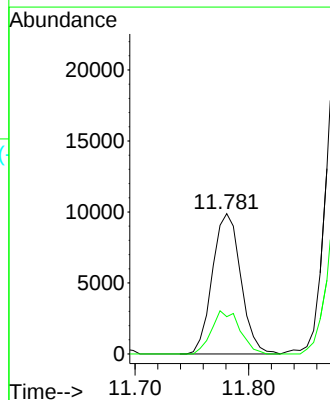
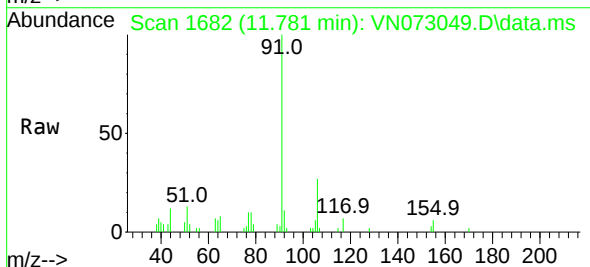
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

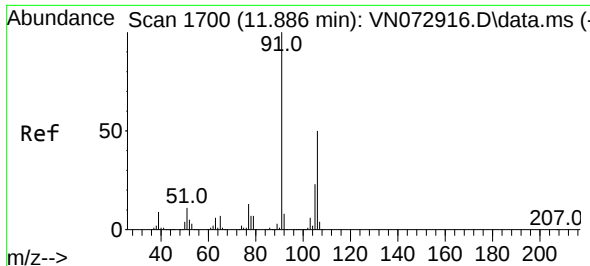
Tgt Ion:117 Resp: 465322
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 31.5 25.4 38.0



#67
Ethyl Benzene
Concen: 1.072 ug/l
RT: 11.781 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

Tgt Ion: 91 Resp: 17155
Ion Ratio Lower Upper
91 100
106 26.6 24.9 37.3

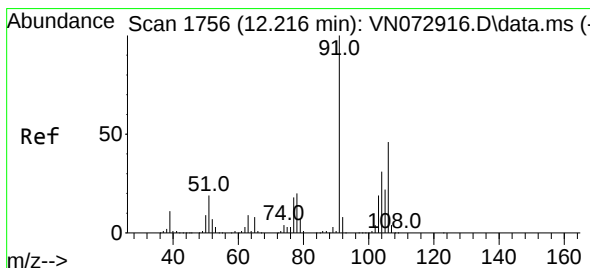
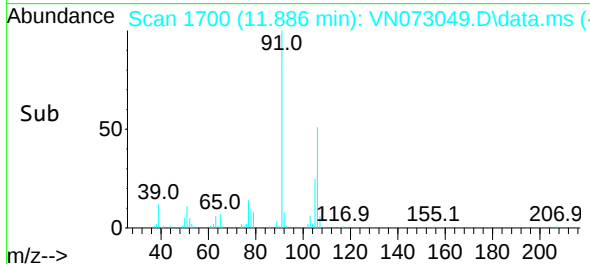
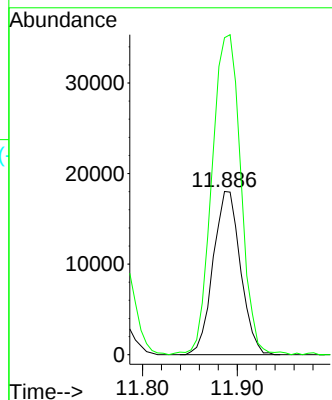
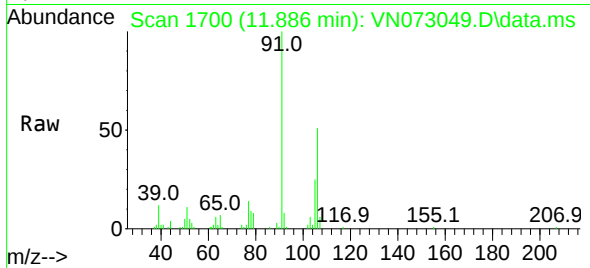




#68
m/p-Xylenes
Concen: 5.765 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

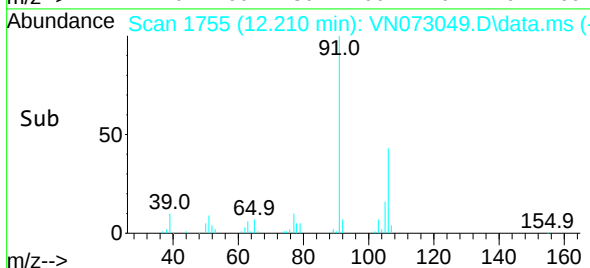
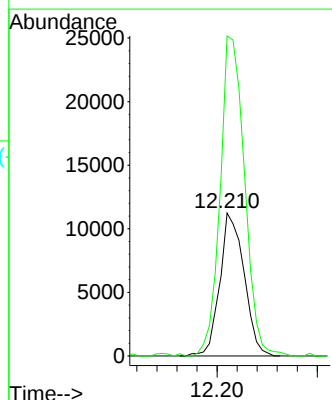
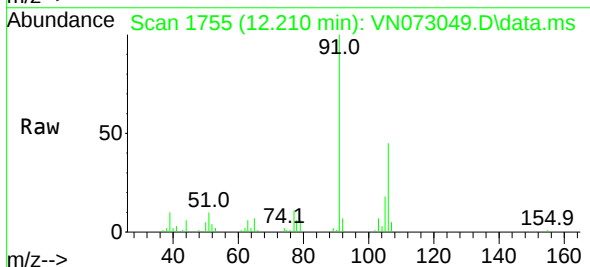
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

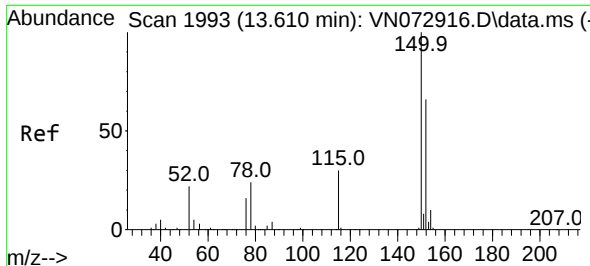
Tgt Ion:106 Resp: 36174
Ion Ratio Lower Upper
106 100
91 206.8 158.9 238.3



#69
o-Xylene
Concen: 3.010 ug/l
RT: 12.210 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

Tgt Ion:106 Resp: 18871
Ion Ratio Lower Upper
106 100
91 226.1 106.0 318.0

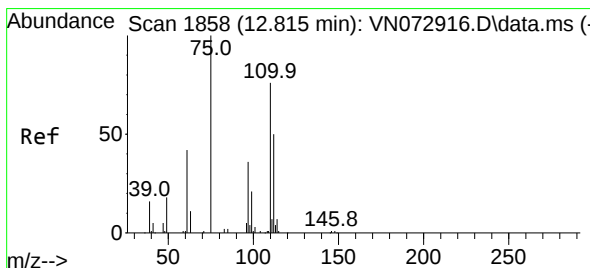
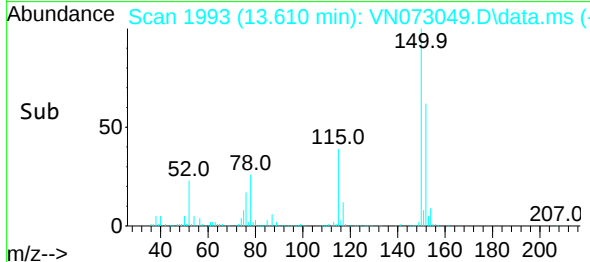
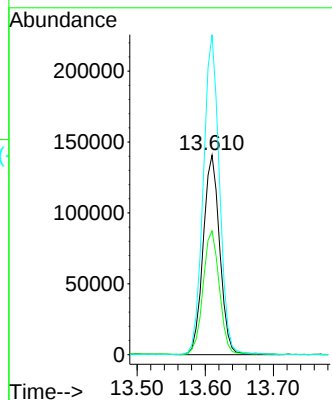
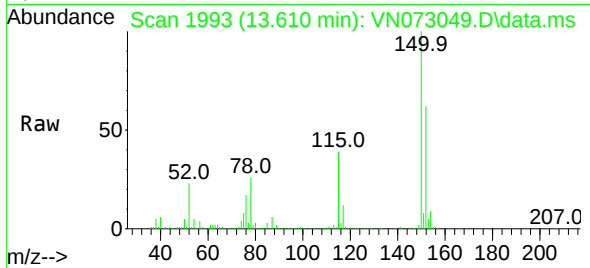




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN073049.D
 Acq: 23 Jun 2022 15:27

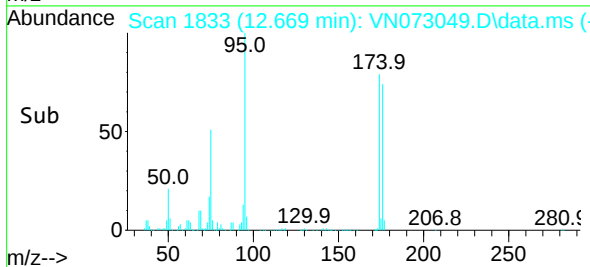
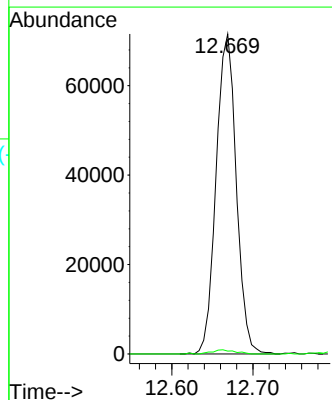
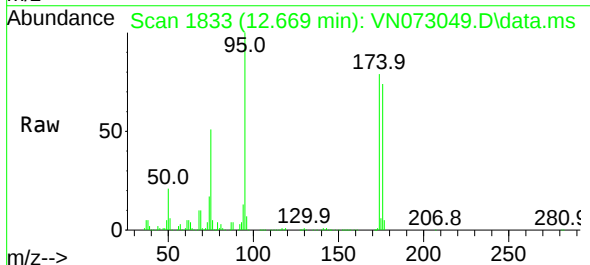
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

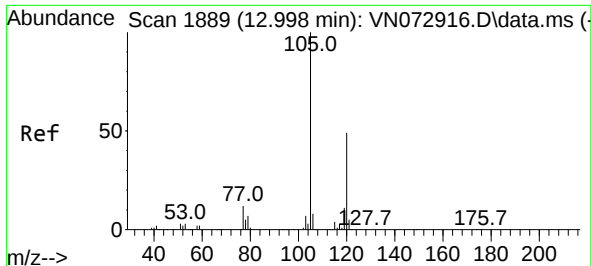
Tgt Ion:152 Resp: 238525
 Ion Ratio Lower Upper
 152 100
 115 61.8 28.9 86.7
 150 155.8 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.369 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073049.D
 Acq: 23 Jun 2022 15:27

Tgt Ion: 75 Resp: 123577
 Ion Ratio Lower Upper
 75 100
 77 1.5 98.5 295.5#

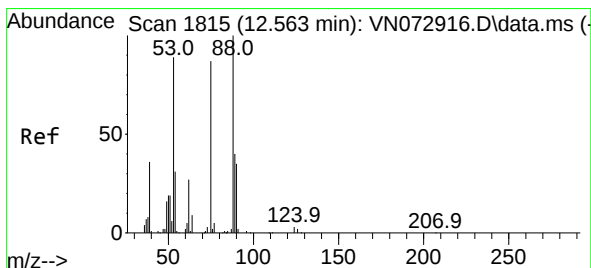
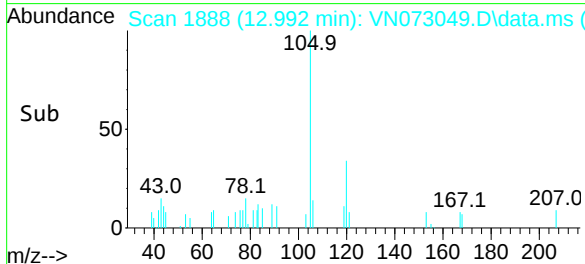
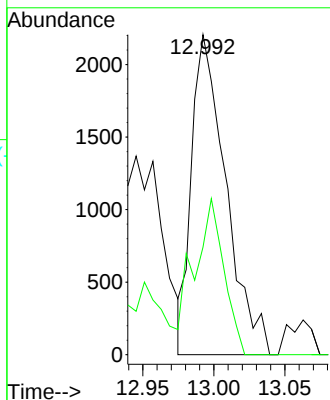
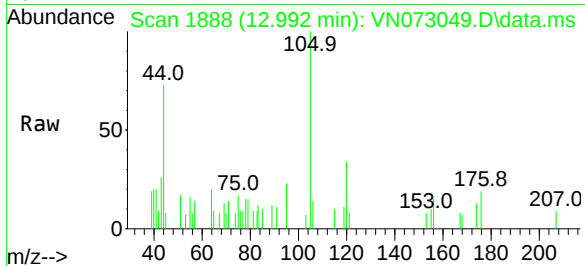




#80
1,3,5-Trimethylbenzene
Concen: 0.244 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

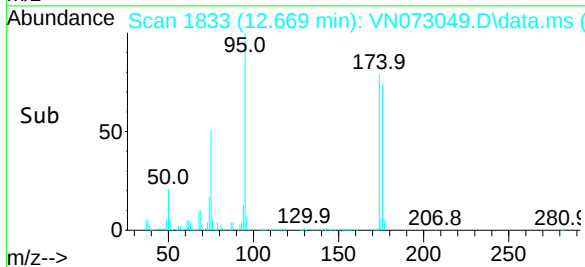
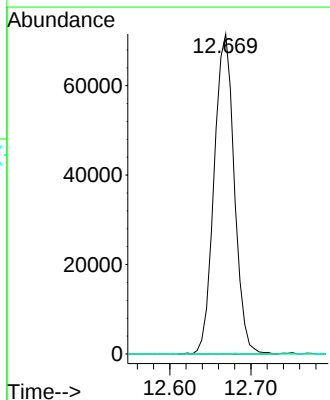
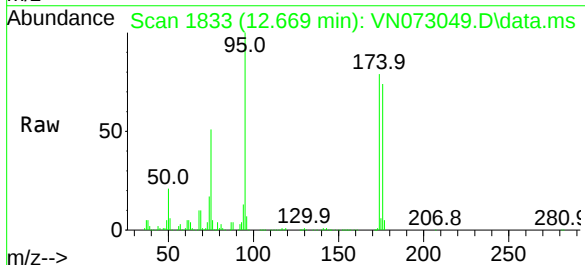
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

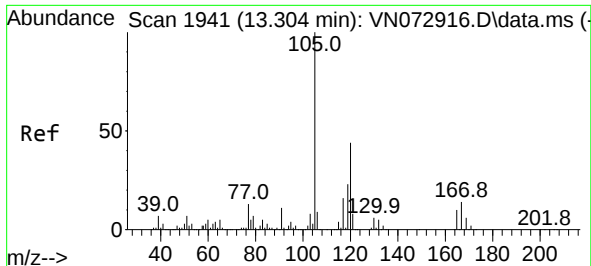
Tgt Ion:105 Resp: 3702
Ion Ratio Lower Upper
105 100
120 42.1 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 57.710 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

Tgt Ion: 75 Resp: 123577
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#

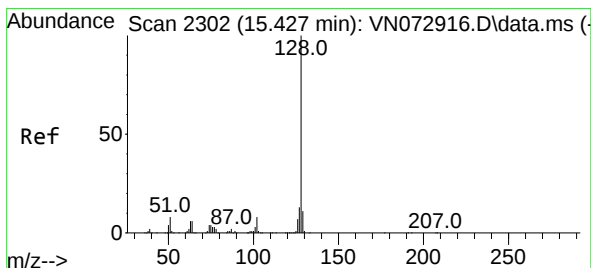
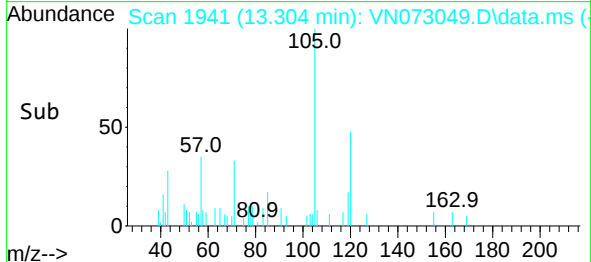
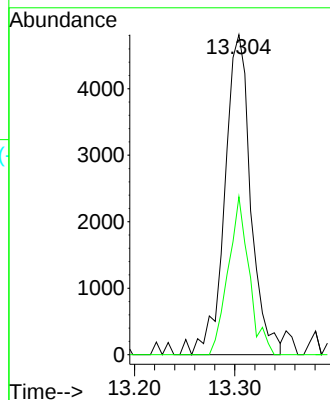
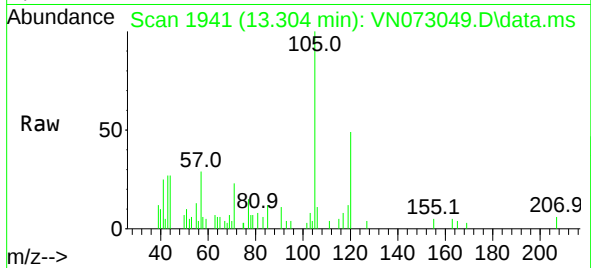




#84
1,2,4-Trimethylbenzene
Concen: 0.577 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

Tgt Ion:105 Resp: 8717
Ion Ratio Lower Upper
105 100
120 39.8 23.3 69.8



#95
Naphthalene
Concen: 0.565 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073049.D
Acq: 23 Jun 2022 15:27

Tgt Ion:128 Resp: 10411
Ion Ratio Lower Upper
128 100
127 16.7 10.3 15.5#
129 18.3 8.6 13.0#

