

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074382.D
 Acq On : 09 Sep 2022 18:56
 Operator : JC\MD
 Sample : N4471-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10B-40-45-083022

Quant Time: Sep 10 07:24:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

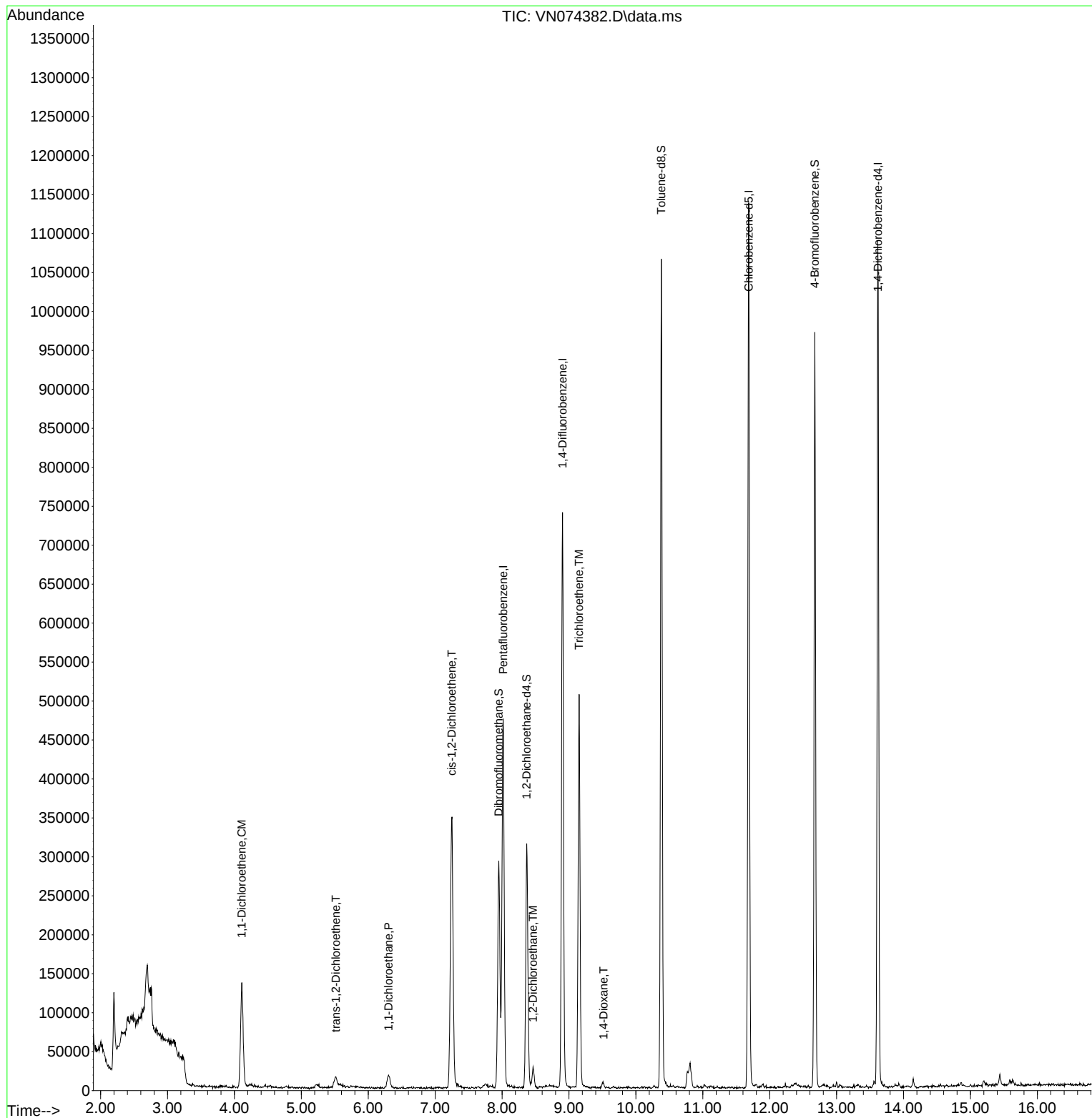
Internal Standards						
1) Pentafluorobenzene	8.016	168	338705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	594463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	587312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	264939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	237287	40.492	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.980%
35) Dibromofluoromethane	7.951	113	196035	48.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	10.380	98	678572	43.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.780%
62) 4-Bromofluorobenzene	12.674	95	279841	49.291	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.580%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.110	96	70395	16.672	ug/l	95
21) trans-1,2-Dichloroethene	5.516	96	7596	1.606	ug/l	82
24) 1,1-Dichloroethane	6.304	63	22911	2.391	ug/l #	92
27) cis-1,2-Dichloroethene	7.245	96	190679	32.713	ug/l	90
42) 1,2-Dichloroethane	8.463	62	19889	2.570	ug/l	99
44) Trichloroethene	9.151	130	159282	35.098	ug/l	96
49) 1,4-Dioxane	9.516	88	4883	33.521	ug/l #	72

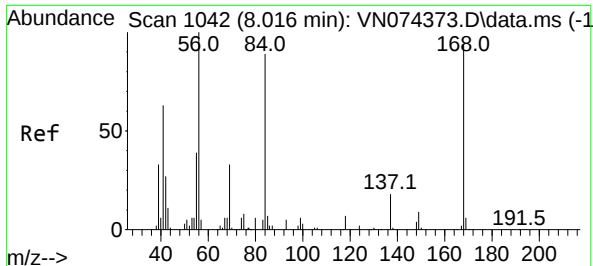
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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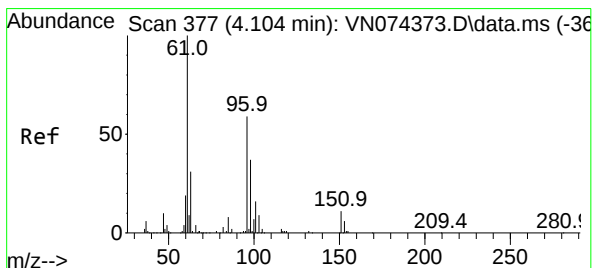
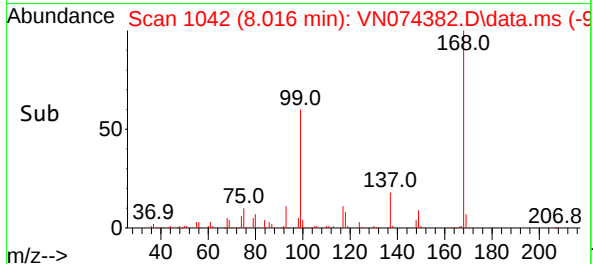
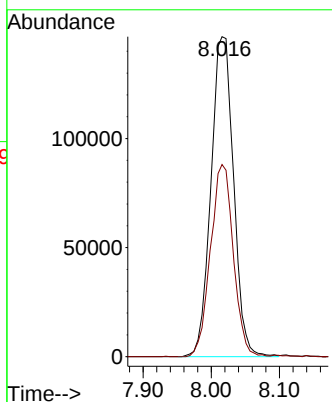
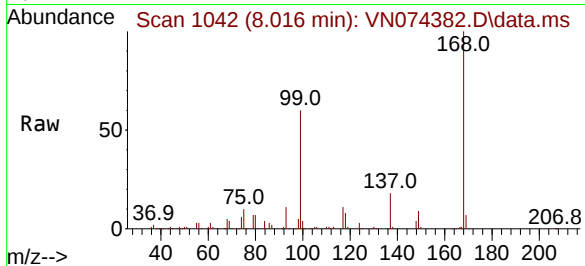




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074382.D
Acq: 09 Sep 2022 18:56

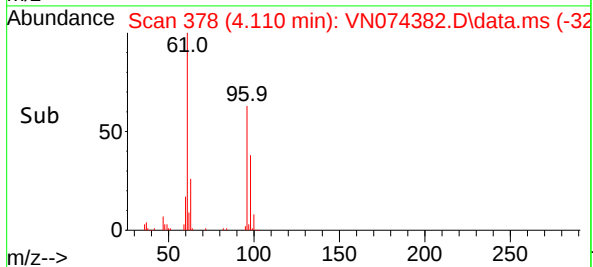
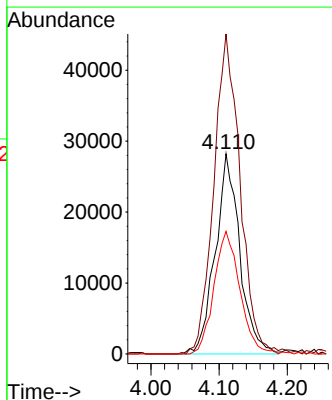
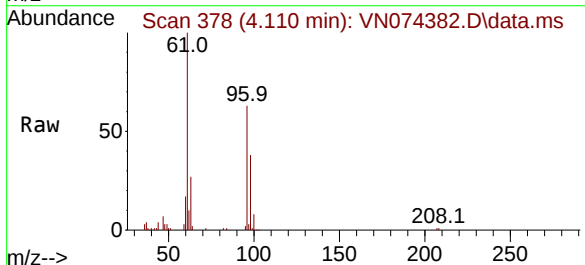
Instrument :
MSVOA_N
ClientSampleId :
MW-10B-40-45-083022

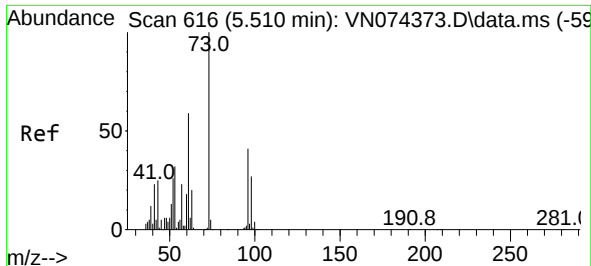
Tgt Ion:168 Resp: 338705
Ion Ratio Lower Upper
168 100
99 60.1 52.8 79.2



#12
1,1-Dichloroethene
Concen: 16.672 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074382.D
Acq: 09 Sep 2022 18:56

Tgt Ion: 96 Resp: 70395
Ion Ratio Lower Upper
96 100
61 159.8 134.7 202.1
98 61.3 50.2 75.4

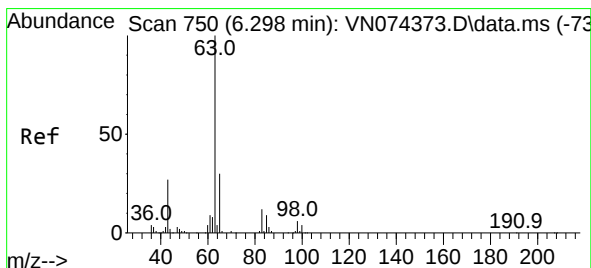
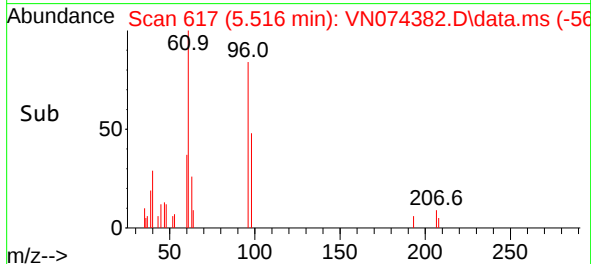
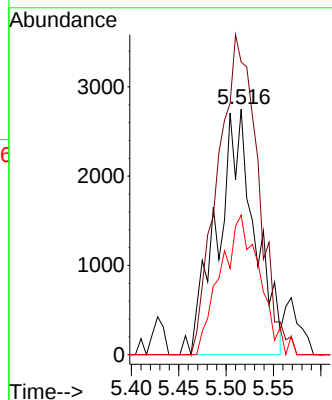
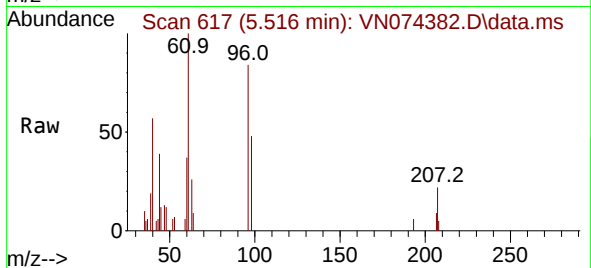




#21
trans-1,2-Dichloroethene
Concen: 1.606 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN074382.D
Acq: 09 Sep 2022 18:56

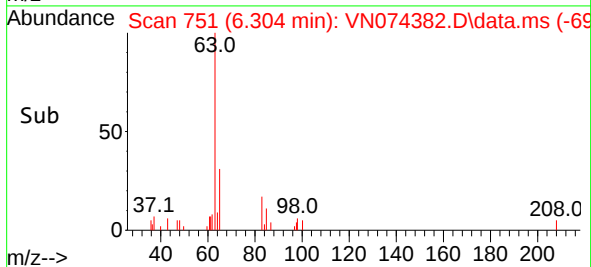
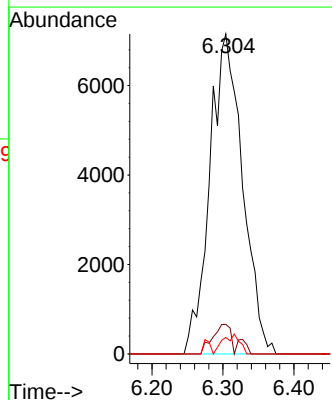
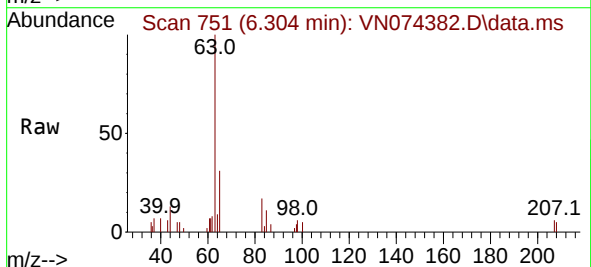
Instrument :
MSVOA_N
ClientSampleId :
MW-10B-40-45-083022

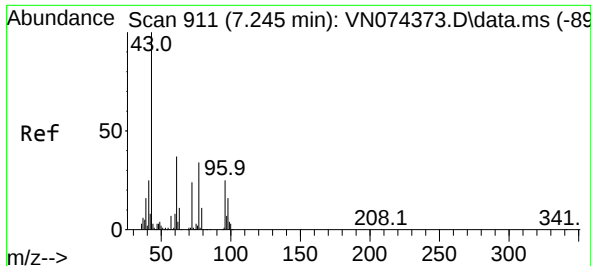
Tgt Ion: 96 Resp: 7596
Ion Ratio Lower Upper
96 100
61 119.3 115.3 172.9
98 56.8 53.4 80.0



#24
1,1-Dichloroethane
Concen: 2.391 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.006 min
Lab File: VN074382.D
Acq: 09 Sep 2022 18:56

Tgt Ion: 63 Resp: 22911
Ion Ratio Lower Upper
63 100
98 9.3 2.9 8.6#
100 5.1 2.0 5.8

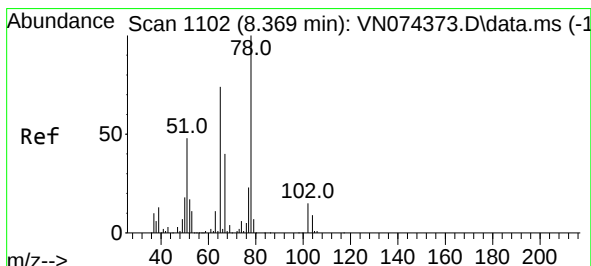
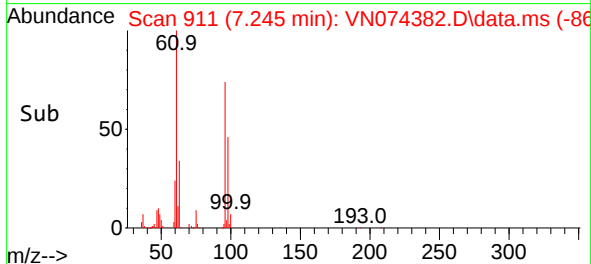
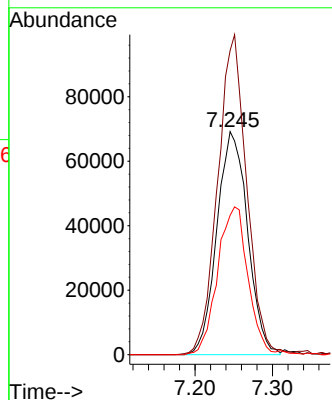
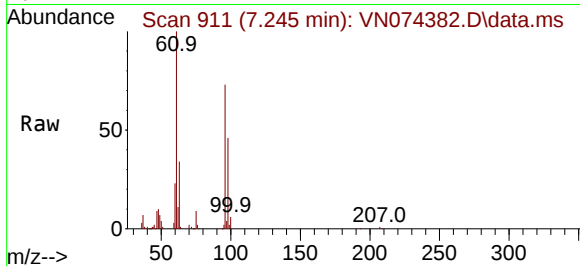




#27
 cis-1,2-Dichloroethene
 Concen: 32.713 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VN074382.D
 Acq: 09 Sep 2022 18:56

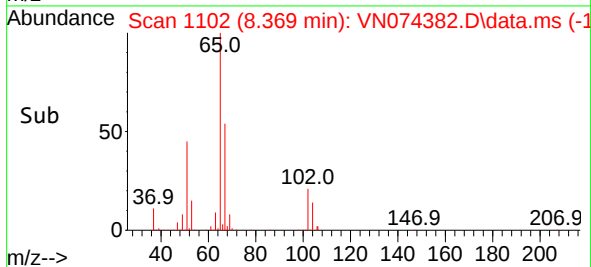
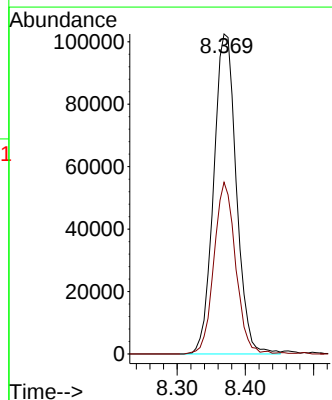
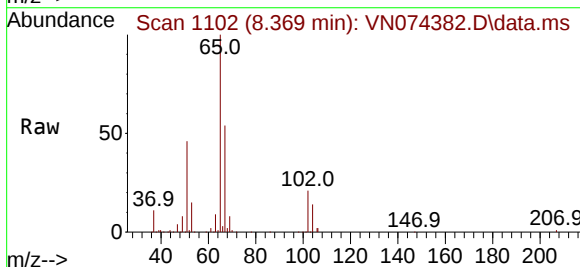
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10B-40-45-083022

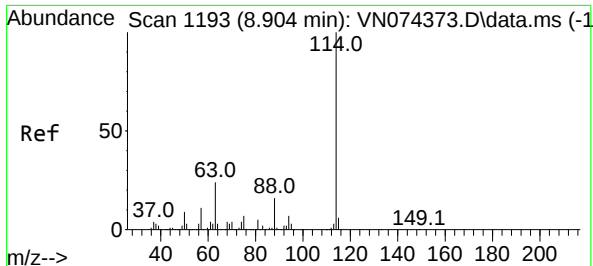
Tgt Ion: 96 Resp: 190679
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 306.2
 98 65.8 0.0 129.8



#33
 1,2-Dichloroethane-d4
 Concen: 40.492 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN074382.D
 Acq: 09 Sep 2022 18:56

Tgt Ion: 65 Resp: 237287
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074382.D

Acq: 09 Sep 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

MW-10B-40-45-083022

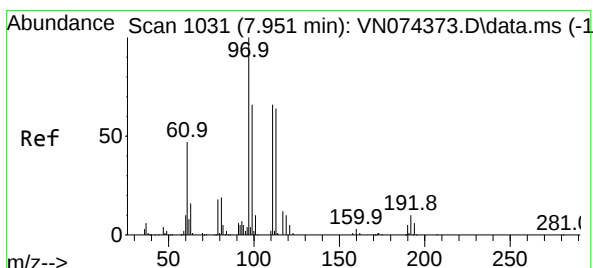
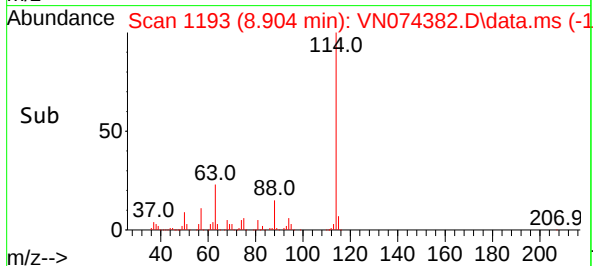
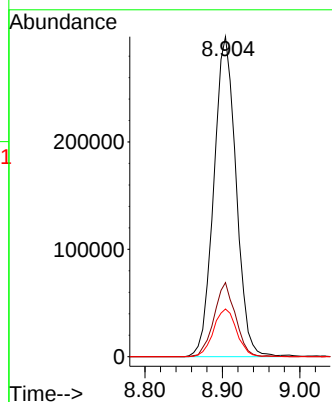
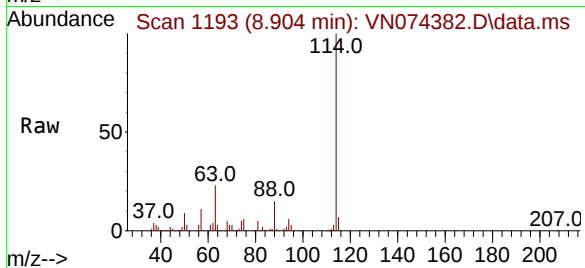
Tgt Ion:114 Resp: 594463

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.6

88 14.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.847 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074382.D

Acq: 09 Sep 2022 18:56

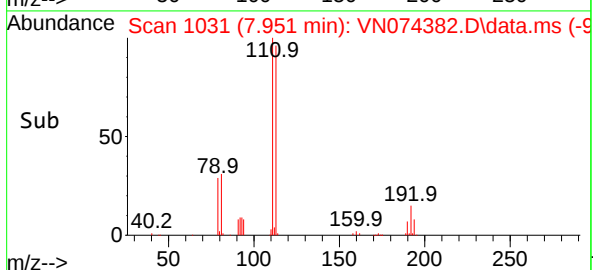
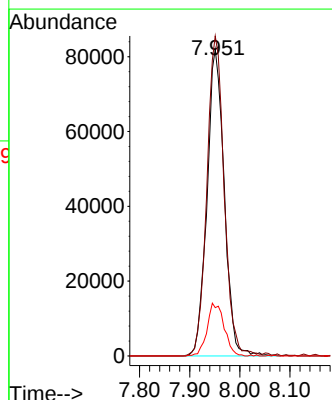
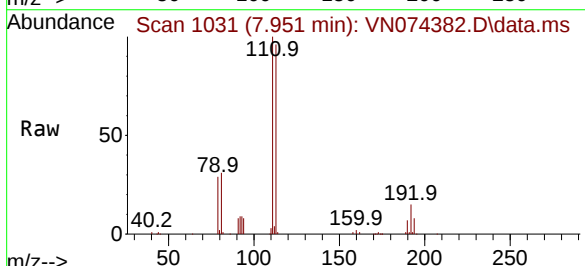
Tgt Ion:113 Resp: 196035

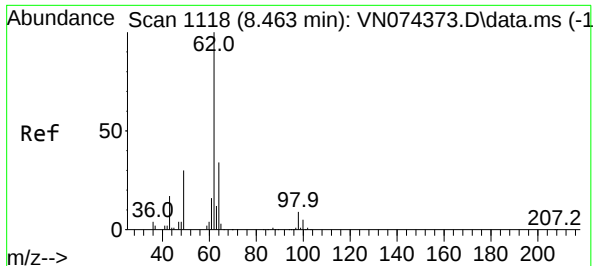
Ion Ratio Lower Upper

113 100

111 104.3 83.0 124.4

192 17.0 13.7 20.5





#42

1,2-Dichloroethane

Concen: 2.570 ug/l

RT: 8.463 min Scan# 1118

Delta R.T. -0.000 min

Lab File: VN074382.D

Acq: 09 Sep 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

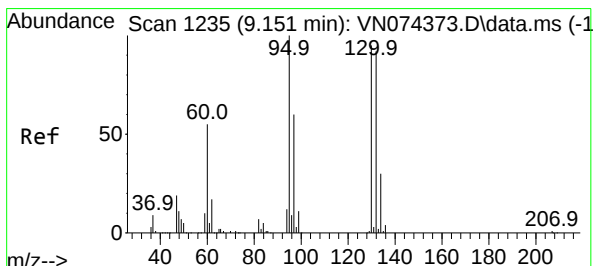
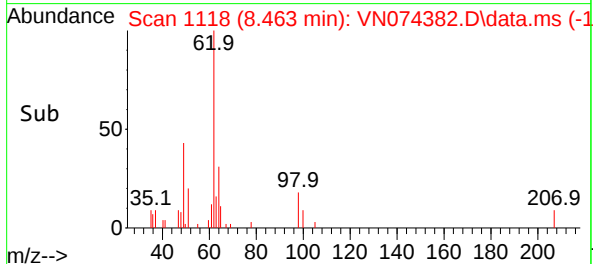
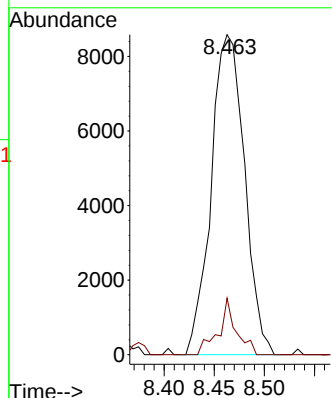
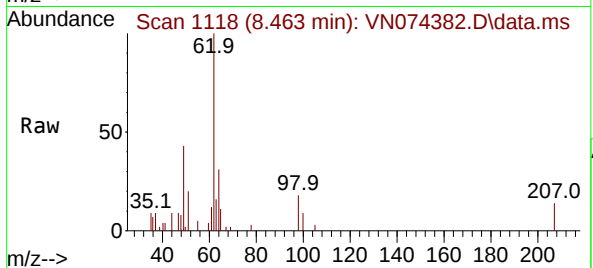
MW-10B-40-45-083022

Tgt Ion: 62 Resp: 19889

Ion Ratio Lower Upper

62 100

98 9.3 0.0 17.6



#44

Trichloroethene

Concen: 35.098 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VN074382.D

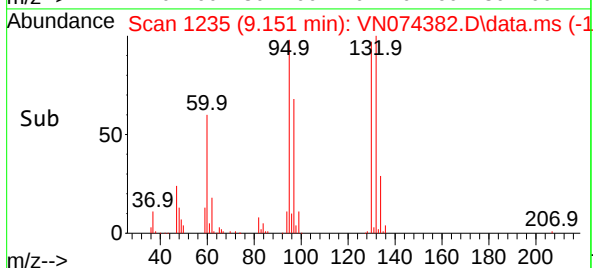
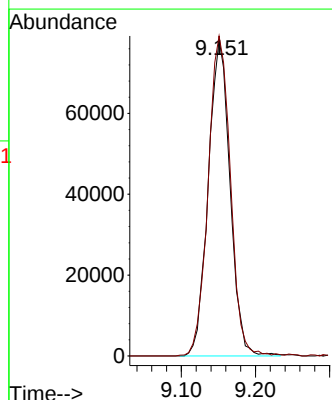
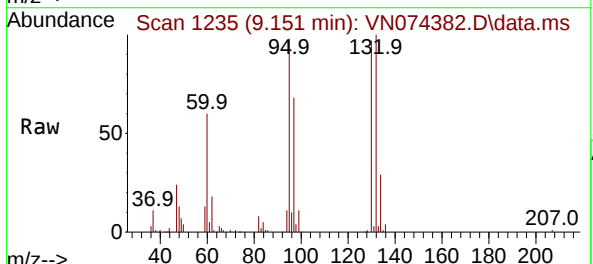
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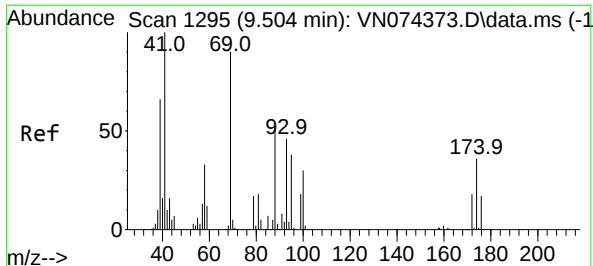
Tgt Ion:130 Resp: 159282

Ion Ratio Lower Upper

130 100

95 100.8 0.0 210.0





#49

1,4-Dioxane

Concen: 33.521 ug/l

RT: 9.516 min Scan# 1295

Delta R.T. 0.012 min

Lab File: VN074382.D

Acq: 09 Sep 2022 18:56

Instrument :

MSVOA_N

ClientSampleId :

MW-10B-40-45-083022

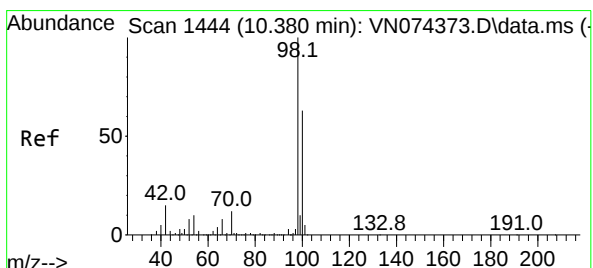
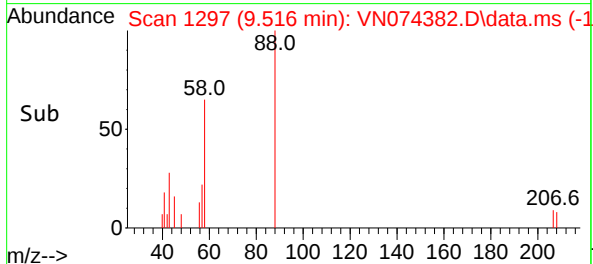
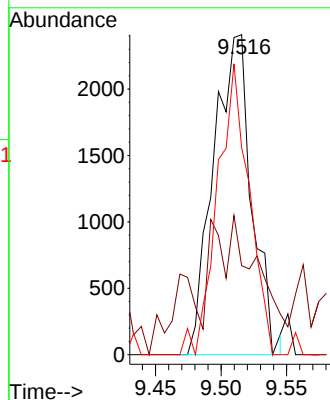
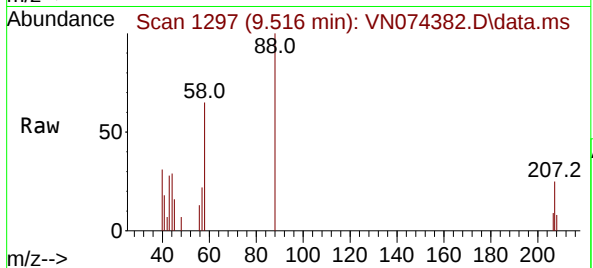
Tgt Ion: 88 Resp: 4883

Ion Ratio Lower Upper

88 100

43 0.0 26.9 40.3#

58 75.4 52.7 79.1



#50

Toluene-d8

Concen: 43.394 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN074382.D

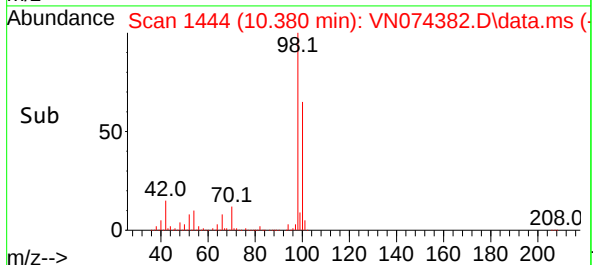
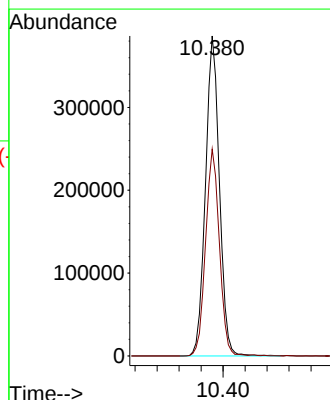
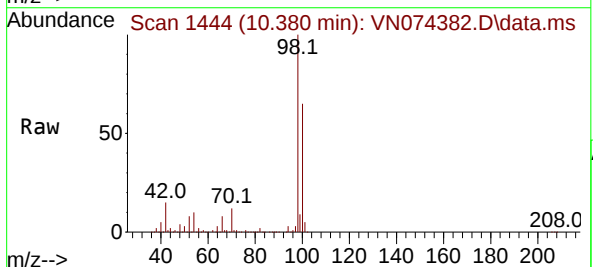
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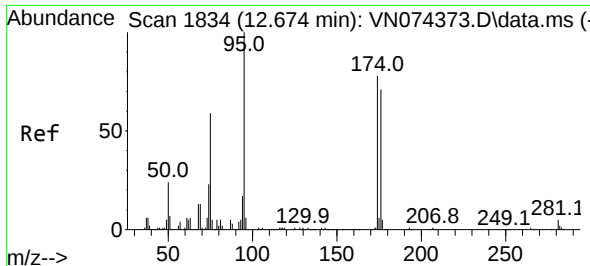
Tgt Ion: 98 Resp: 678572

Ion Ratio Lower Upper

98 100

100 64.0 50.6 76.0

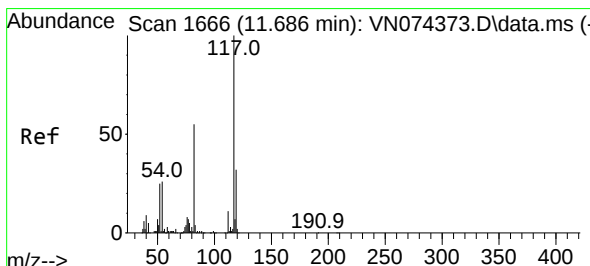
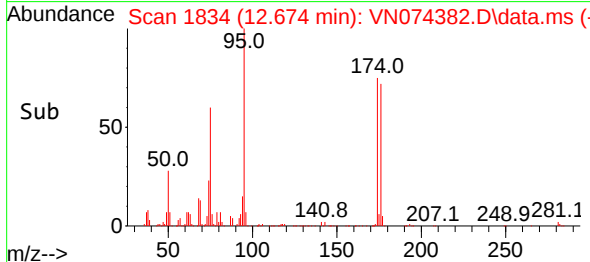
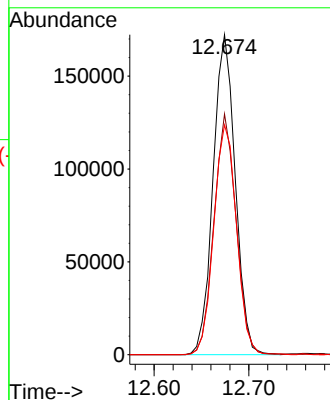
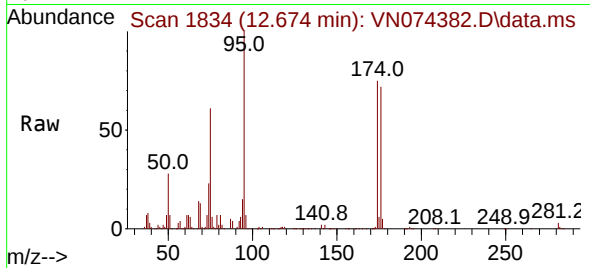




#62
4-Bromofluorobenzene
Concen: 49.291 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074382.D
Acq: 09 Sep 2022 18:56

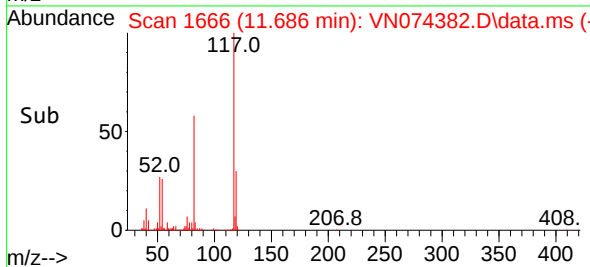
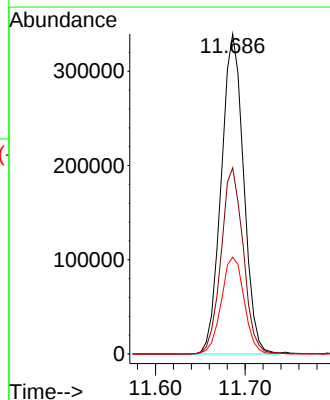
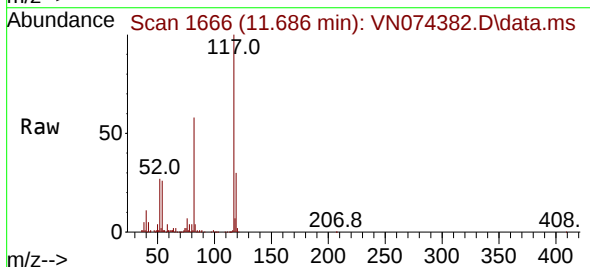
Instrument :
MSVOA_N
ClientSampleId :
MW-10B-40-45-083022

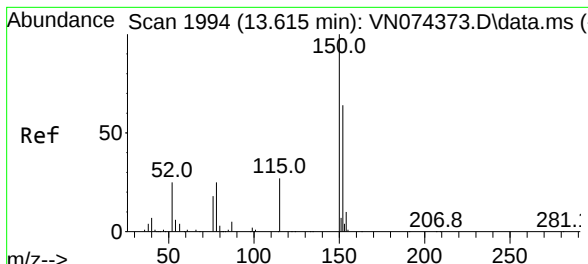
Tgt Ion: 95 Resp: 279841
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.6
176 73.8 0.0 143.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074382.D
Acq: 09 Sep 2022 18:56

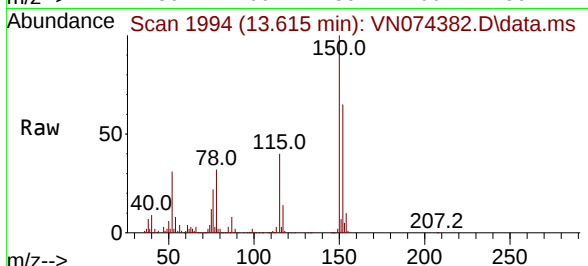
Tgt Ion: 117 Resp: 587312
Ion Ratio Lower Upper
117 100
82 58.2 44.3 66.5
119 30.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074382.D
 Acq: 09 Sep 2022 18:56

Instrument : MSVOA_N
 ClientSampleId : MW-10B-40-45-083022



Tgt Ion:	152	Resp:	264939
Ion	Ratio	Lower	Upper
152	100		
115	61.4	32.0	96.0
150	155.4	0.0	359.6

