

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074588.D
 Acq On : 19 Sep 2022 16:03
 Operator : JC\MD
 Sample : N4647-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1038-MW-17A(15.5)

Quant Time: Sep 20 04:20:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

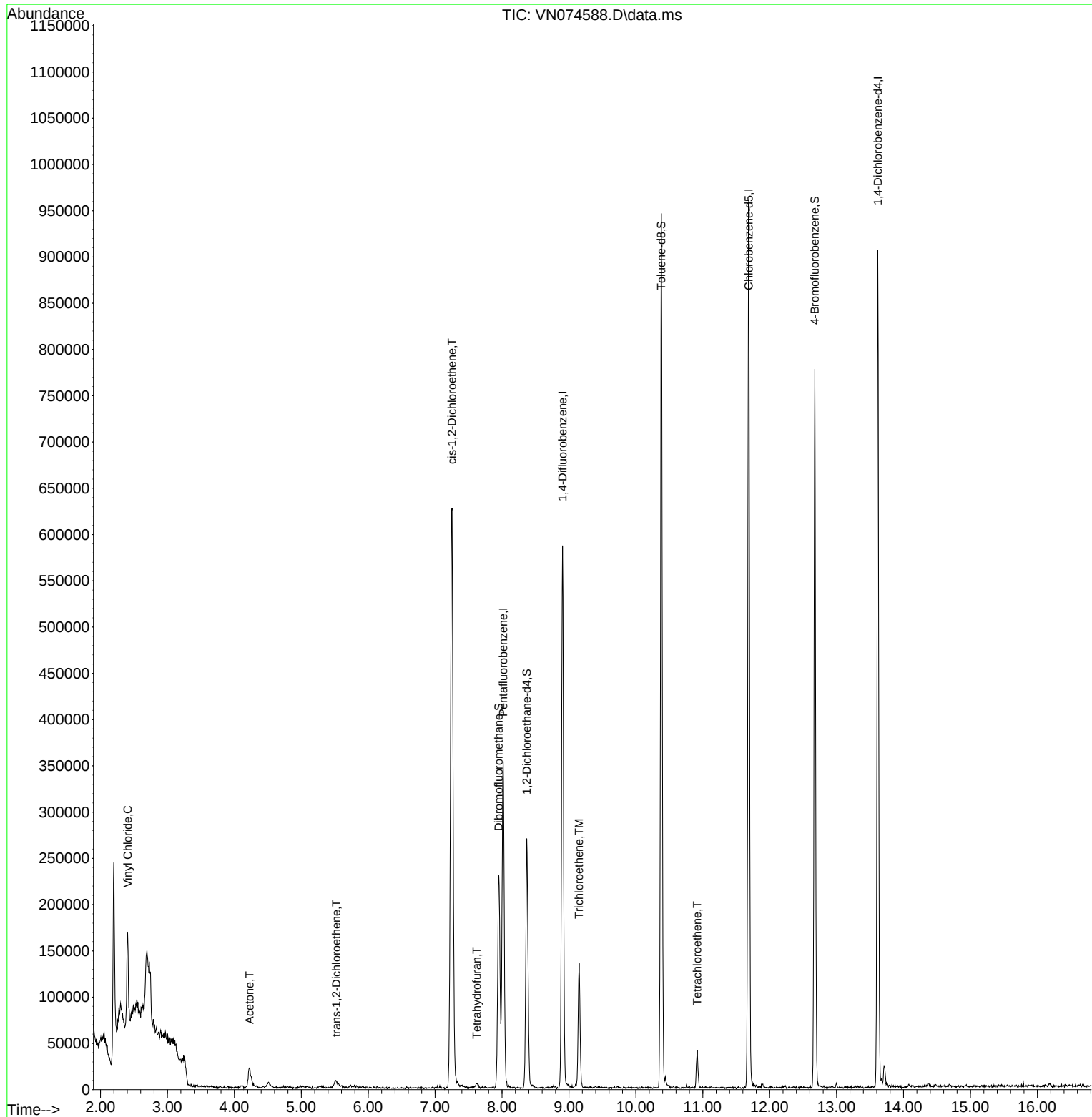
Internal Standards						
1) Pentafluorobenzene	8.016	168	247038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	488315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	484186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	210438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	198196	47.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.560%
35) Dibromofluoromethane	7.951	113	164146	50.603	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	10.381	98	589554	46.995	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.000%
62) 4-Bromofluorobenzene	12.675	95	222874	51.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.740%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.405	62	91218	18.849	ug/l	94
16) Acetone	4.228	43	39762	14.824	ug/l #	88
21) trans-1,2-Dichloroethene	5.522	96	3251	1.331	ug/l #	73
27) cis-1,2-Dichloroethene	7.251	96	359431	78.577	ug/l	98
29) Tetrahydrofuran	7.622	42	4190	1.431	ug/l #	43
44) Trichloroethene	9.151	130	43099	11.218	ug/l	96
64) Tetrachloroethene	10.916	164	7400	2.227	ug/l	96

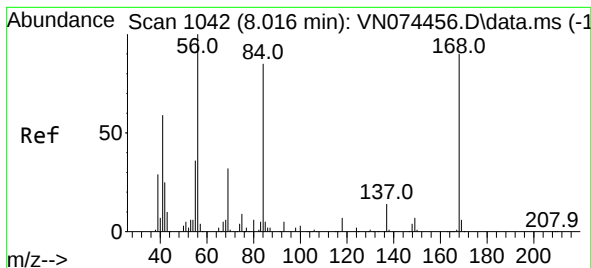
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN074588.D

Acq: 19 Sep 2022 16:03

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MSVOA_N

ClientSampleId :

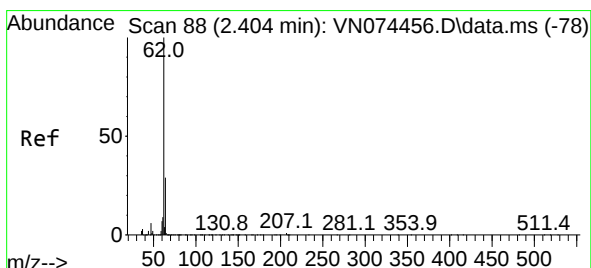
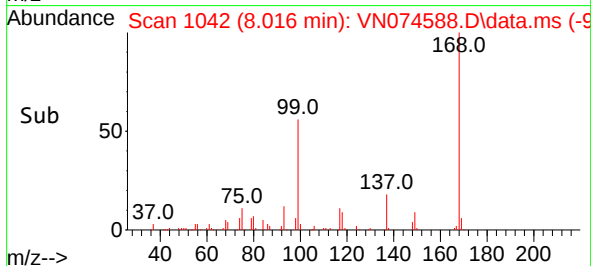
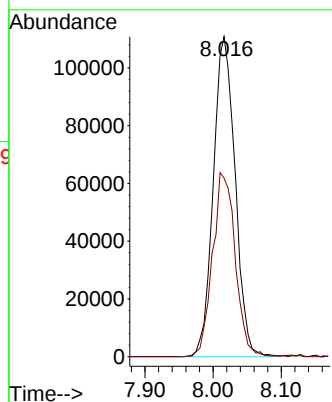
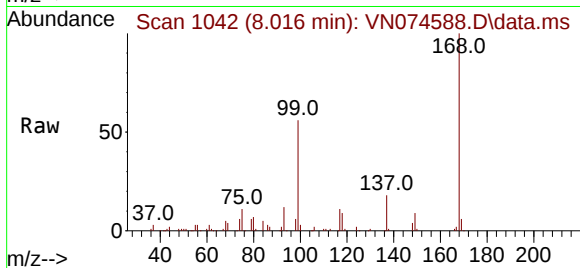
1038-MW-17A(15.5)

Tgt Ion:168 Resp: 247038

Ion Ratio Lower Upper

168 100

99 55.8 42.3 63.5



#4

Vinyl Chloride

Concen: 18.849 ug/l

RT: 2.405 min Scan# 88

Delta R.T. 0.001 min

Lab File: VN074588.D

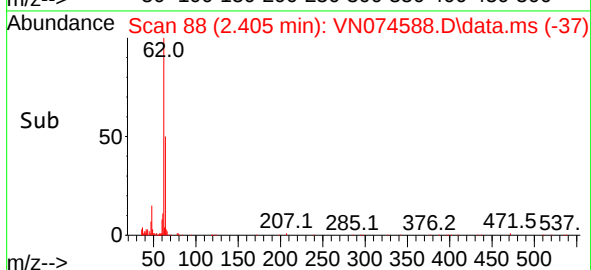
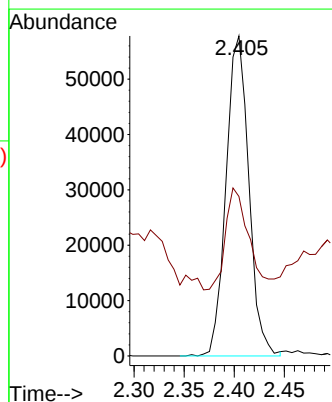
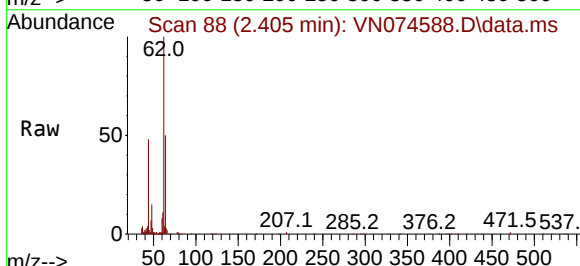
Acq: 19 Sep 2022 16:03

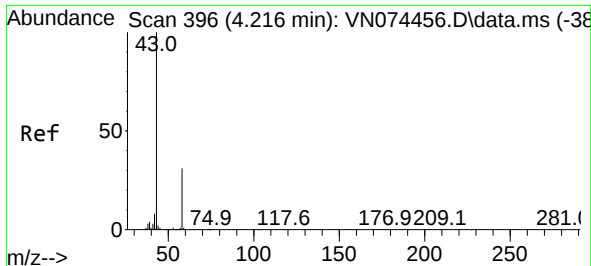
Tgt Ion: 62 Resp: 91218

Ion Ratio Lower Upper

62 100

64 27.7 25.0 37.4

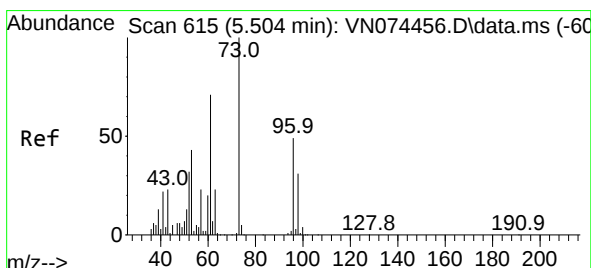
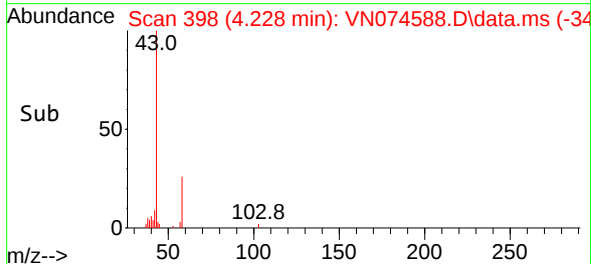
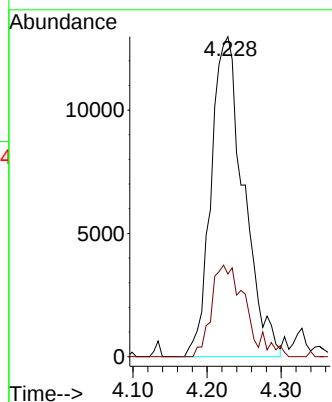
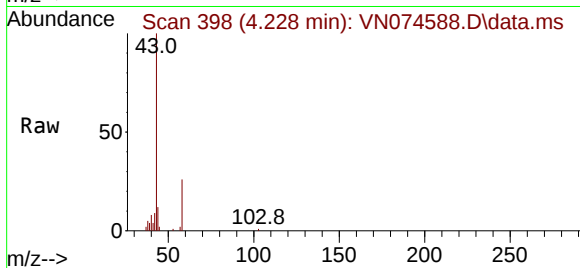




#16
Acetone
Concen: 14.824 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074588.D
Acq: 19 Sep 2022 16:03

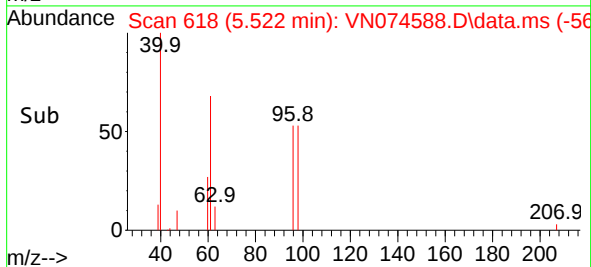
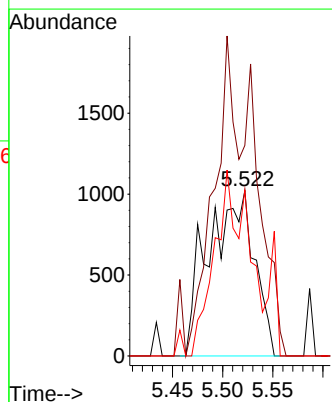
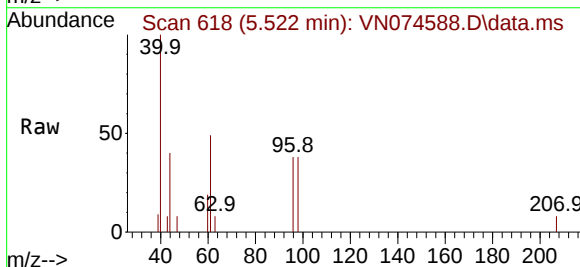
Instrument :
MSVOA_N
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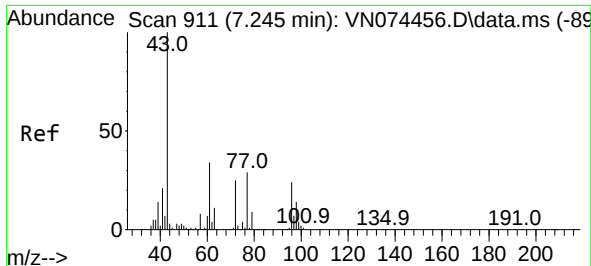
Tgt Ion: 43 Resp: 39762
Ion Ratio Lower Upper
43 100
58 25.9 26.0 39.0#



#21
trans-1,2-Dichloroethene
Concen: 1.331 ug/l
RT: 5.522 min Scan# 618
Delta R.T. 0.018 min
Lab File: VN074588.D
Acq: 19 Sep 2022 16:03

Tgt Ion: 96 Resp: 3251
Ion Ratio Lower Upper
96 100
61 112.4 105.8 158.8
98 100.2 50.3 75.5#

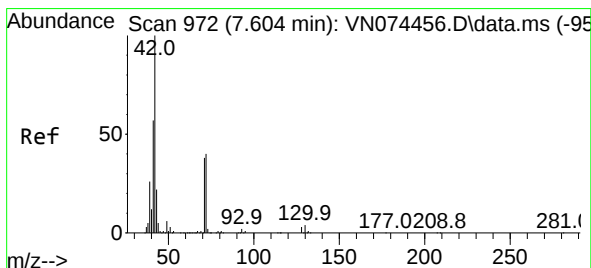
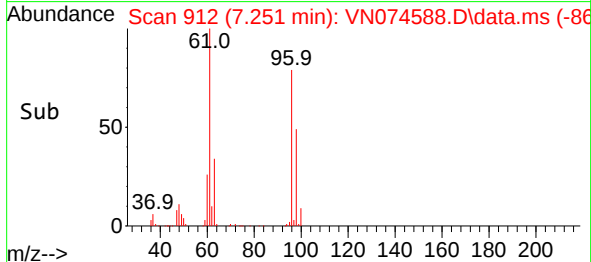
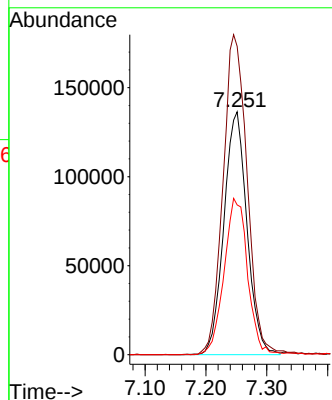
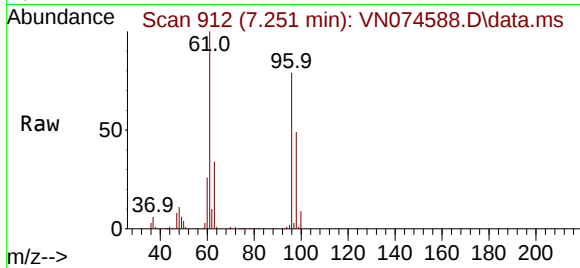




#27
 cis-1,2-Dichloroethene
 Concen: 78.577 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN074588.D
 Acq: 19 Sep 2022 16:03

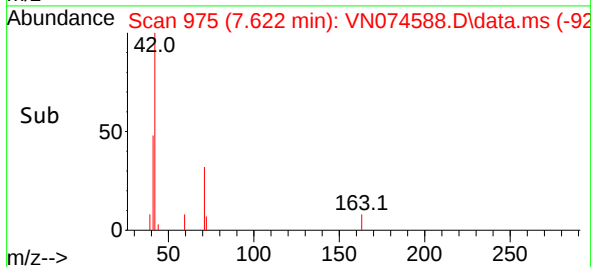
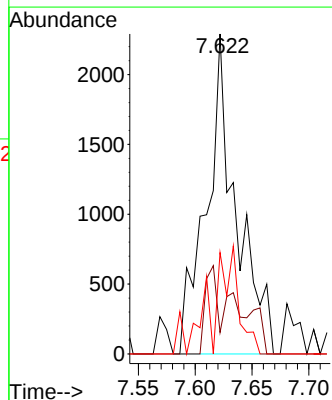
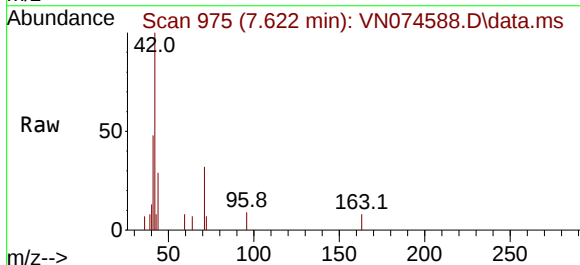
Instrument :
 MSVOA_N
 ClientSampleId :
 1038-MW-17A(15.5)

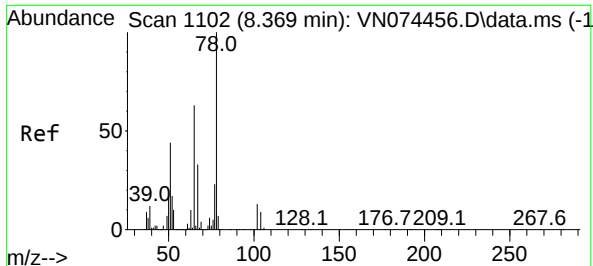
Tgt Ion: 96 Resp: 359431
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 280.6
 98 65.5 0.0 128.4



#29
 Tetrahydrofuran
 Concen: 1.431 ug/l
 RT: 7.622 min Scan# 975
 Delta R.T. 0.018 min
 Lab File: VN074588.D
 Acq: 19 Sep 2022 16:03

Tgt Ion: 42 Resp: 4190
 Ion Ratio Lower Upper
 42 100
 72 11.1 39.7 59.5#
 71 8.1 36.6 55.0#





#33

1,2-Dichloroethane-d4

Concen: 47.284 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074588.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

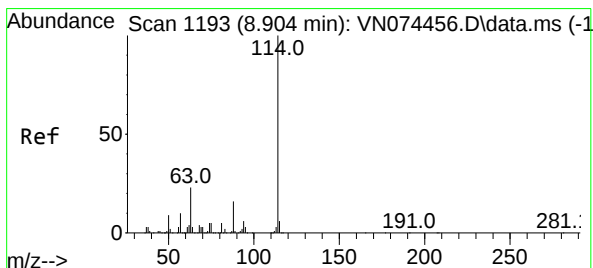
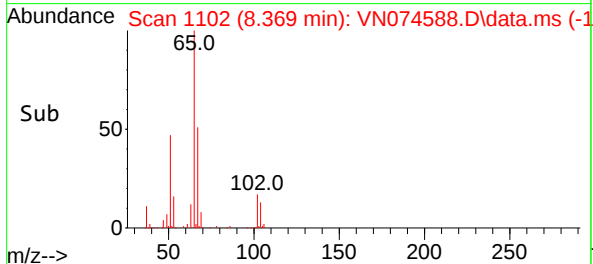
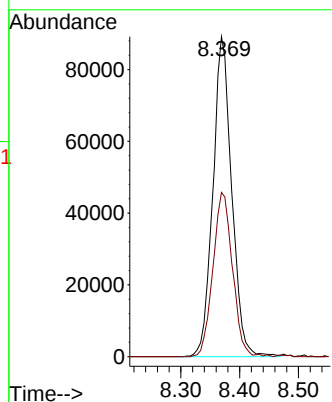
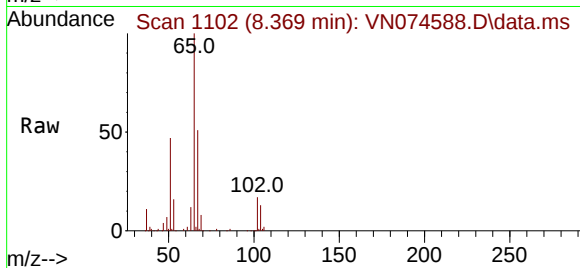
1038-MW-17A(15.5)

Tgt Ion: 65 Resp: 198196

Ion Ratio Lower Upper

65 100

67 53.3 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: VN074588.D

Acq: 19 Sep 2022 16:03

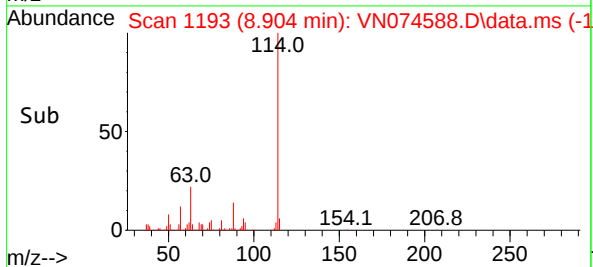
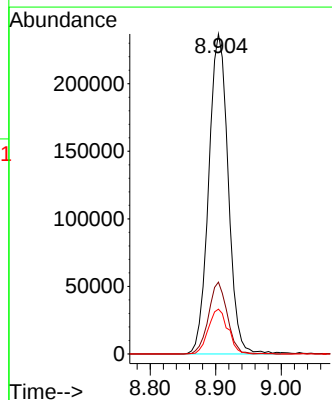
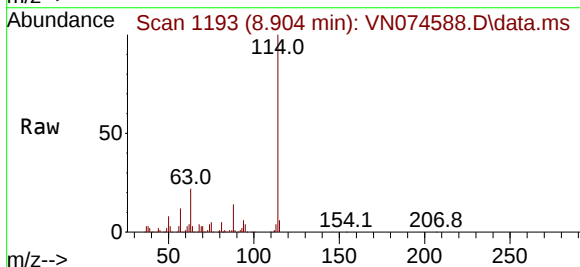
Tgt Ion: 114 Resp: 488315

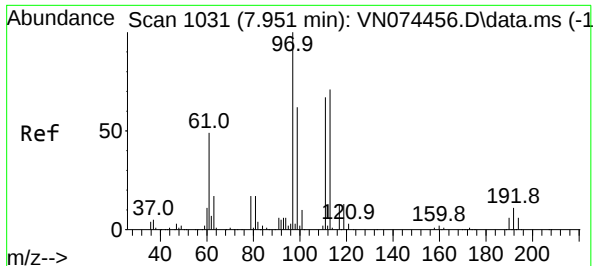
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 14.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.603 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074588.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

1038-MW-17A(15.5)

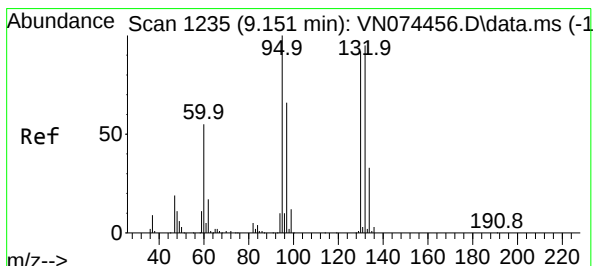
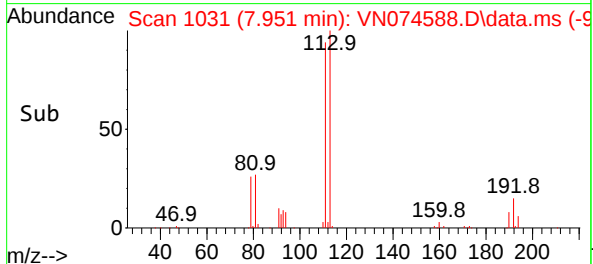
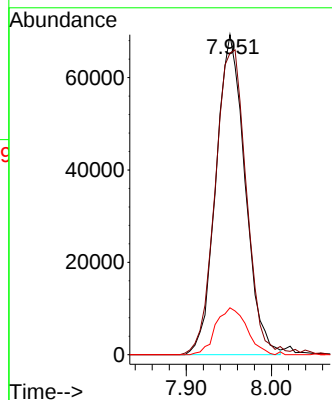
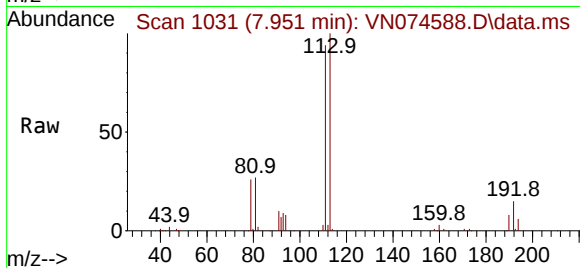
Tgt Ion:113 Resp: 164146

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 15.6 17.0 25.6#



#44

Trichloroethene

Concen: 11.218 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN074588.D

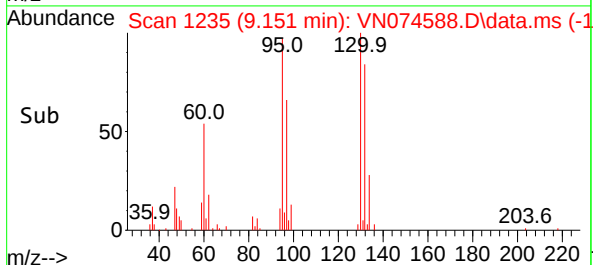
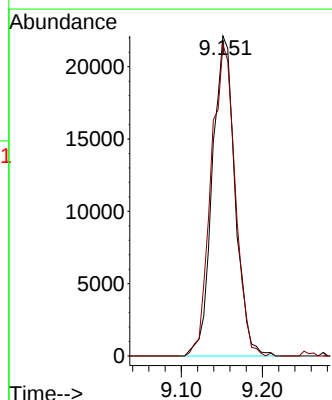
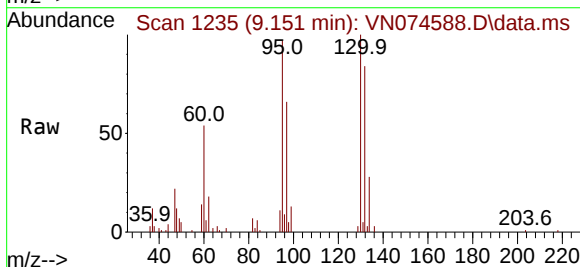
Acq: 19 Sep 2022 16:03

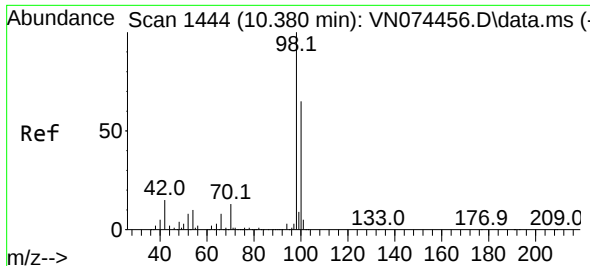
Tgt Ion:130 Resp: 43099

Ion Ratio Lower Upper

130 100

95 97.3 0.0 186.8

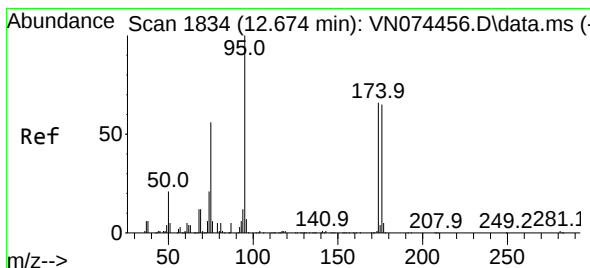
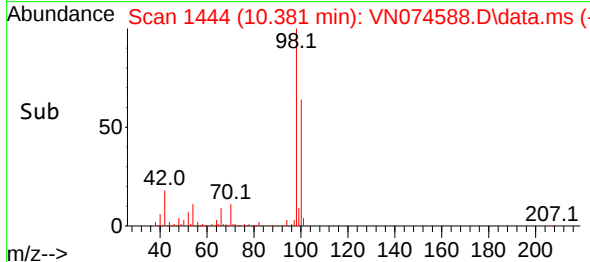
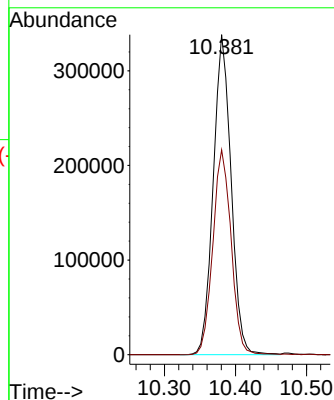
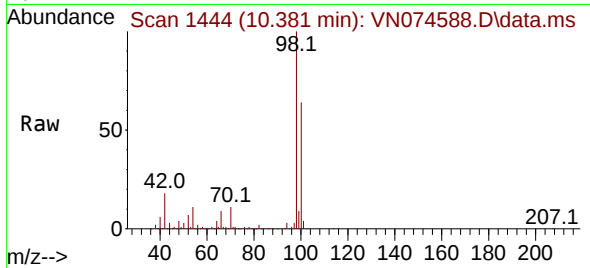




#50
Toluene-d8
Concen: 46.995 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074588.D
Acq: 19 Sep 2022 16:03

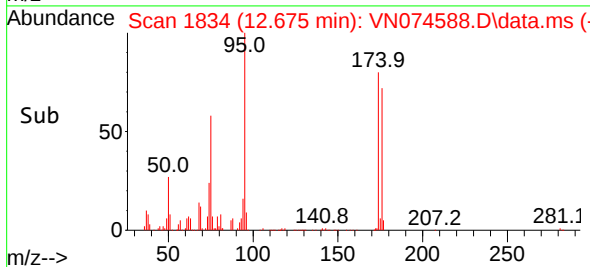
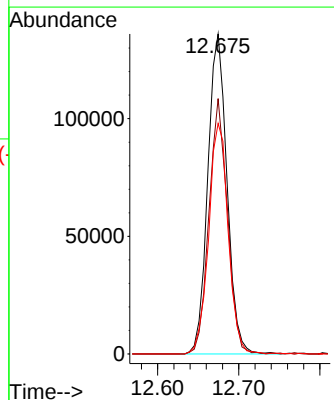
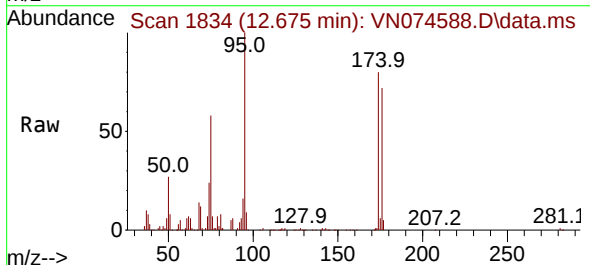
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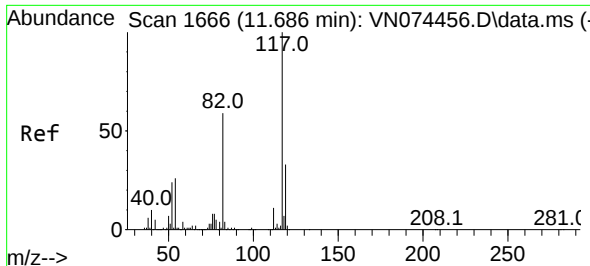
Tgt Ion: 98 Resp: 589554
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.872 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074588.D
Acq: 19 Sep 2022 16:03

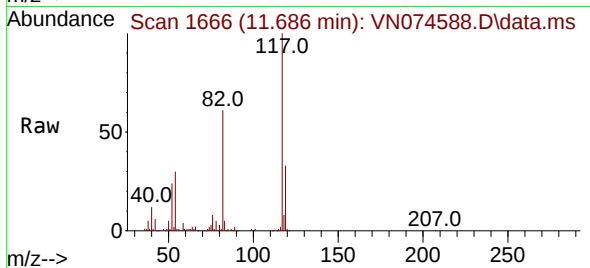
Tgt Ion: 95 Resp: 222874
Ion Ratio Lower Upper
95 100
174 76.8 0.0 167.6
176 73.4 0.0 163.4



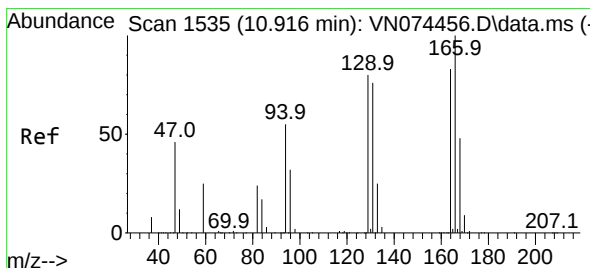
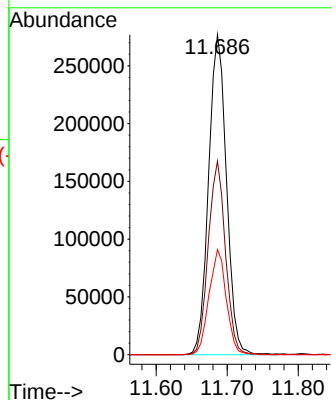
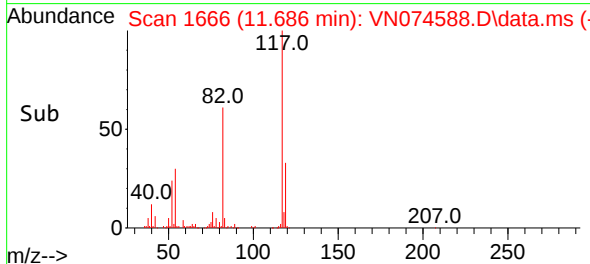


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074588.D
Acq: 19 Sep 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
1038-MW-17A(15.5)

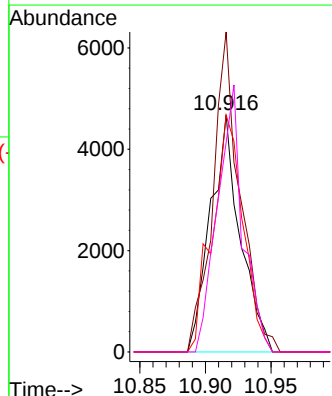
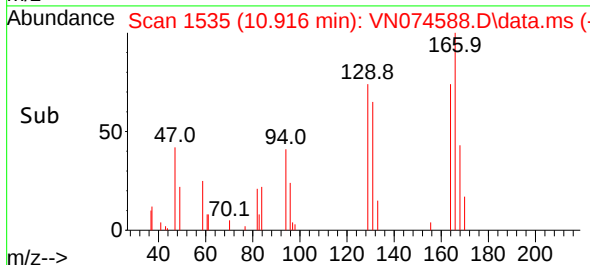
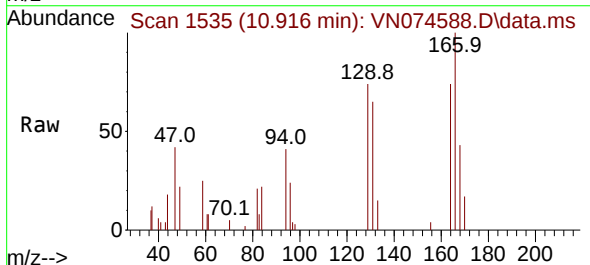


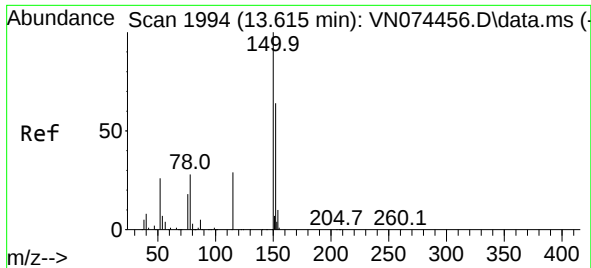
Tgt Ion:117 Resp: 484186
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 2.227 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074588.D
Acq: 19 Sep 2022 16:03

Tgt Ion:164 Resp: 7400
Ion Ratio Lower Upper
164 100
166 134.9 104.2 156.2
129 99.9 73.9 110.9
131 88.3 69.4 104.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074588.D

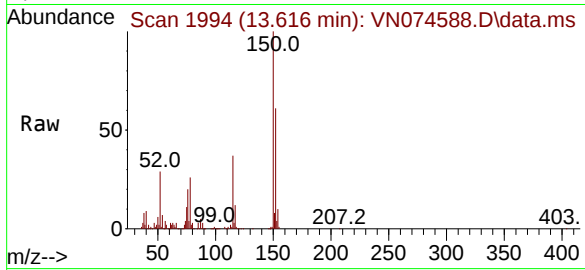
Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

1038-MW-17A(15.5)



Tgt Ion:152 Resp: 210438

Ion Ratio Lower Upper

152 100

115 62.7 28.9 86.7

150 156.0 0.0 356.2

