

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074388.D
 Acq On : 09 Sep 2022 21:23
 Operator : JC\MD
 Sample : N4471-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-03D-479.5-499.5-083122-H

Quant Time: Sep 10 07:27:06 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)

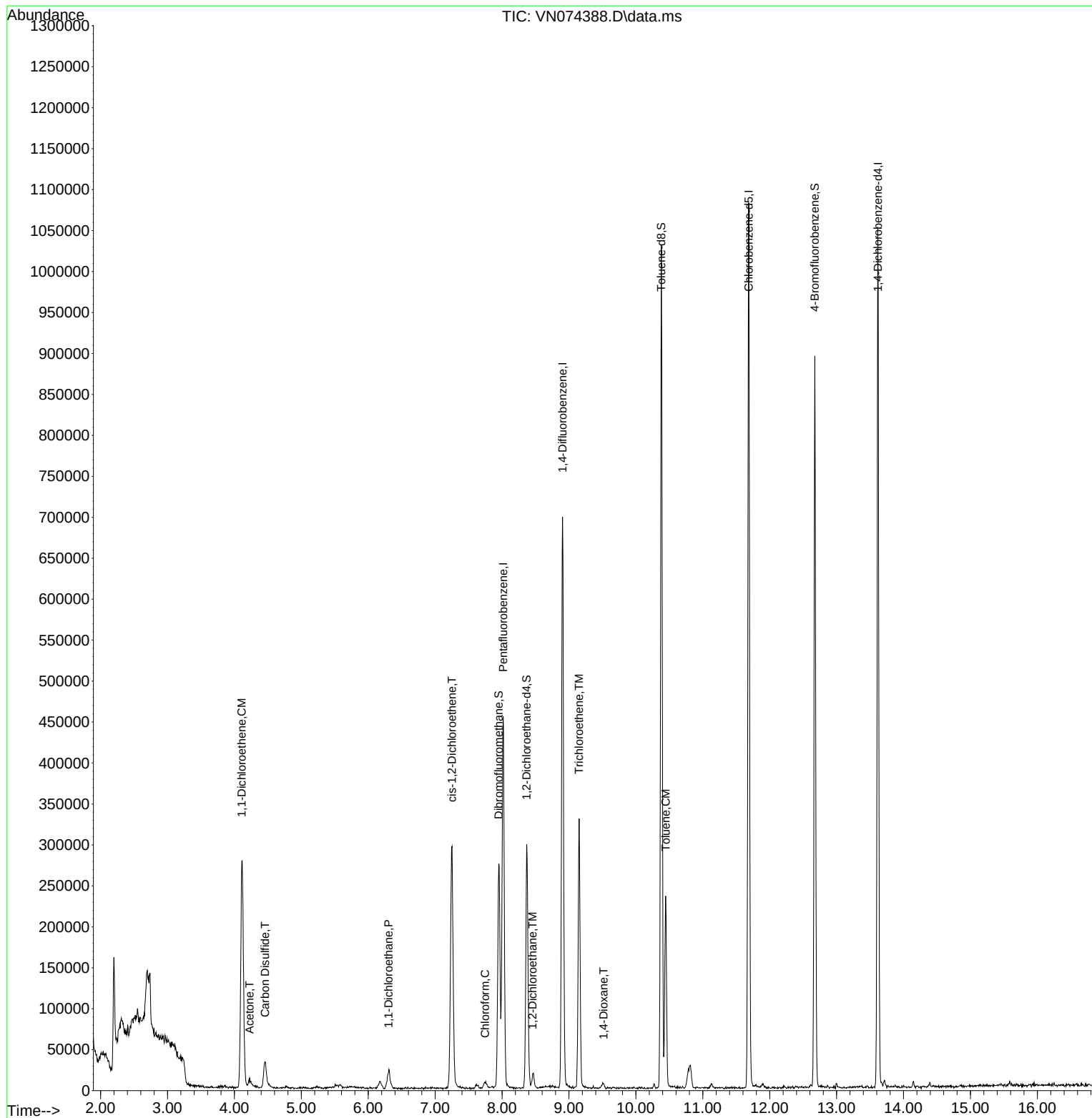
Internal Standards						
1) Pentafluorobenzene	8.016	168	319509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	571970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	555694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	242660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	231903	41.951	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.900%		
35) Dibromofluoromethane	7.951	113	192449	49.840	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.680%		
50) Toluene-d8	10.380	98	646191	42.949	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	85.900%#		
62) 4-Bromofluorobenzene	12.674	95	266062	48.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.420%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.110	96	151850	38.125	ug/l	99
16) Acetone	4.228	43	14016	4.696	ug/l #	87
17) Carbon Disulfide	4.457	76	66939	6.184	ug/l	97
24) 1,1-Dichloroethane	6.304	63	30825	3.410	ug/l #	95
27) cis-1,2-Dichloroethene	7.251	96	170037	30.924	ug/l	86
30) Chloroform	7.745	83	3313	0.367	ug/l #	42
42) 1,2-Dichloroethane	8.457	62	14808	1.989	ug/l	99
44) Trichloroethene	9.151	130	104217	23.867	ug/l	95
49) 1,4-Dioxane	9.516	88	4538	32.378	ug/l #	84
52) Toluene	10.445	92	92928	7.715	ug/l	99

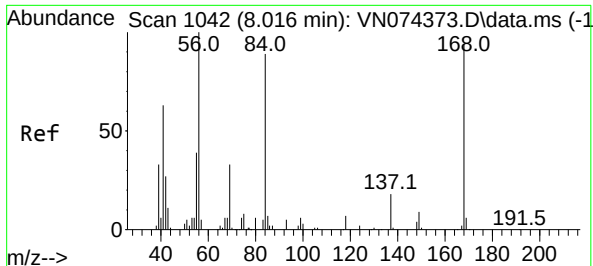
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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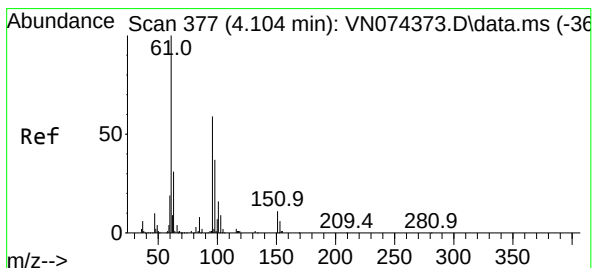
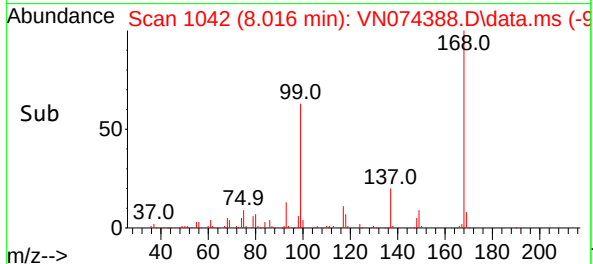
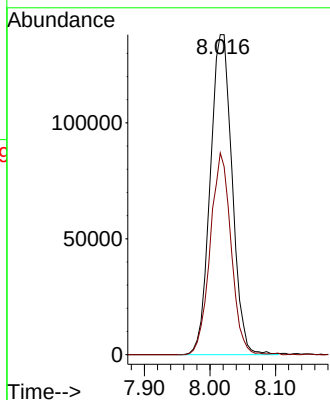
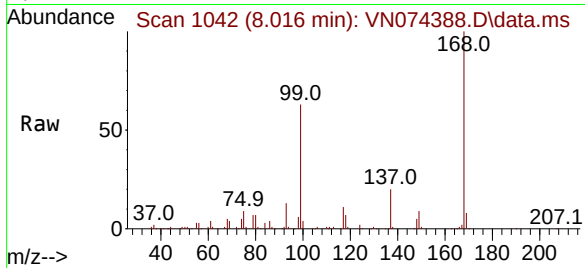




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

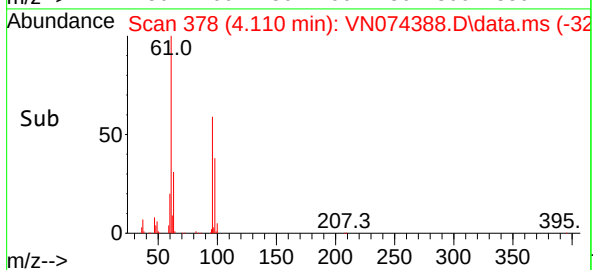
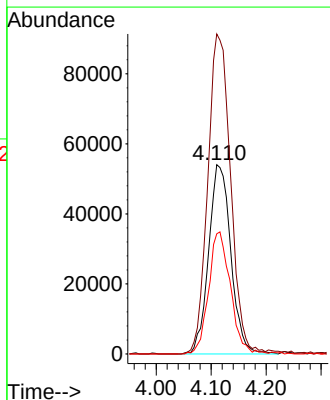
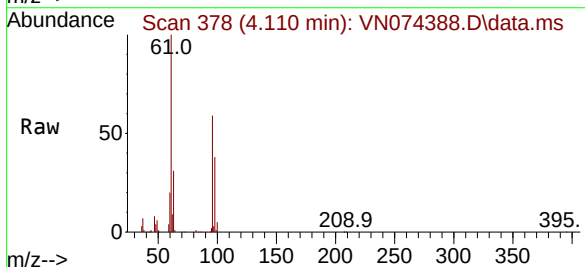
Instrument :
MSVOA_N
ClientSampleId :
BR-03D-479.5-499.5-083122-H

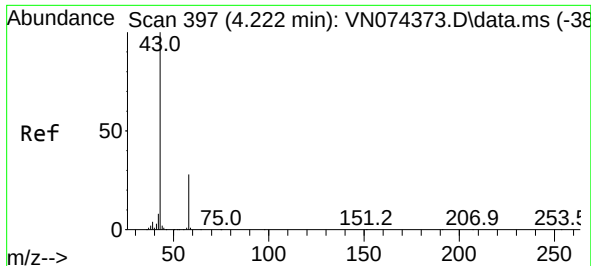
Tgt Ion:168 Resp: 319509
Ion Ratio Lower Upper
168 100
99 63.1 52.8 79.2



#12
1,1-Dichloroethene
Concen: 38.125 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

Tgt Ion: 96 Resp: 151850
Ion Ratio Lower Upper
96 100
61 169.1 134.7 202.1
98 63.5 50.2 75.4

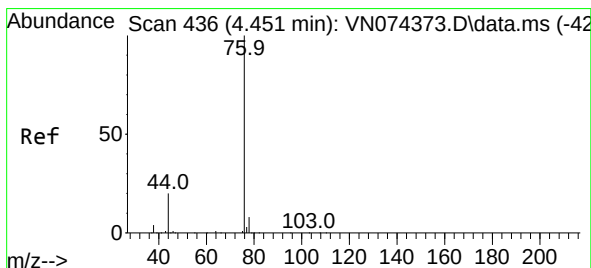
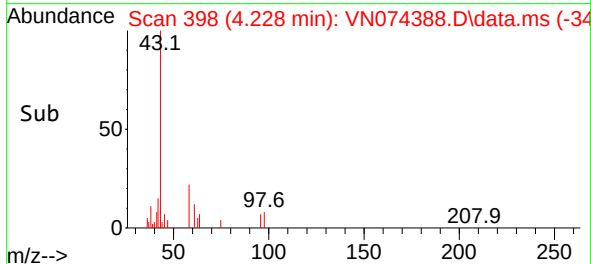
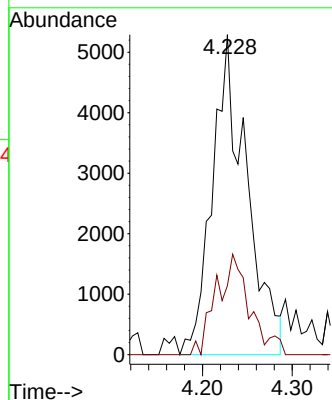
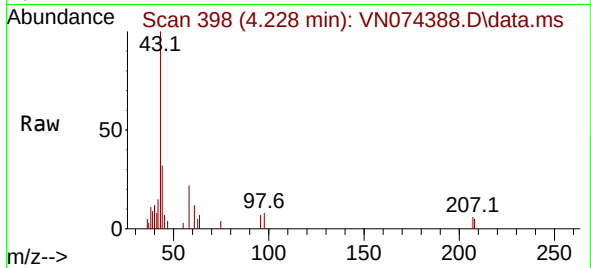




#16
Acetone
Concen: 4.696 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

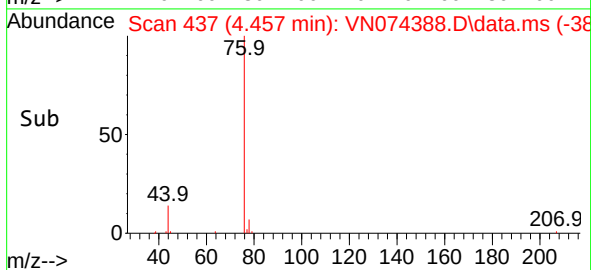
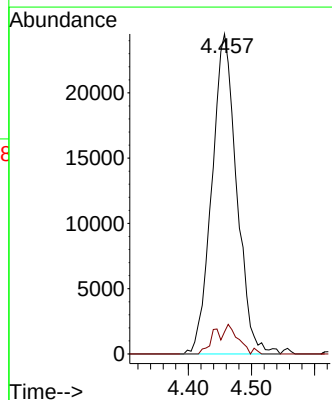
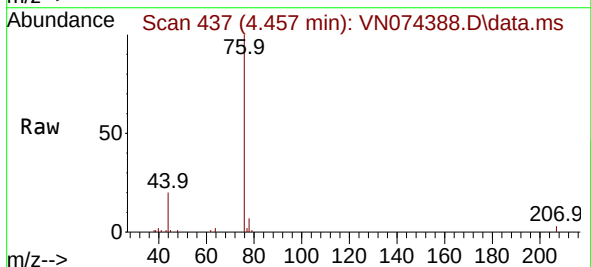
Instrument :
MSVOA_N
ClientSampleId :
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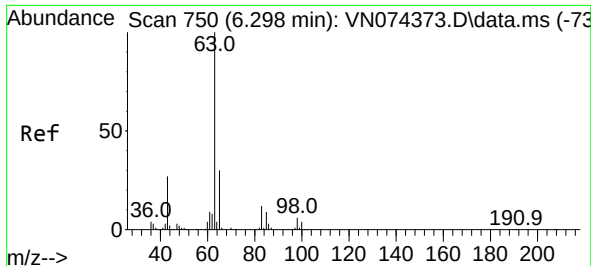
Tgt Ion: 43 Resp: 14016
Ion Ratio Lower Upper
43 100
58 21.5 22.7 34.1#



#17
Carbon Disulfide
Concen: 6.184 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.006 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

Tgt Ion: 76 Resp: 66939
Ion Ratio Lower Upper
76 100
78 6.9 6.5 9.7

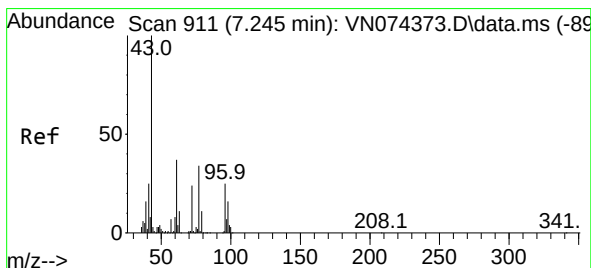
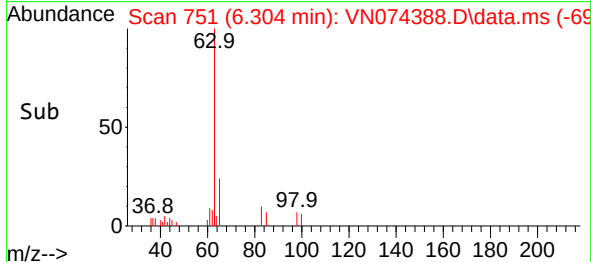
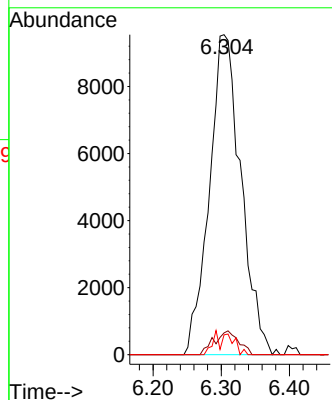
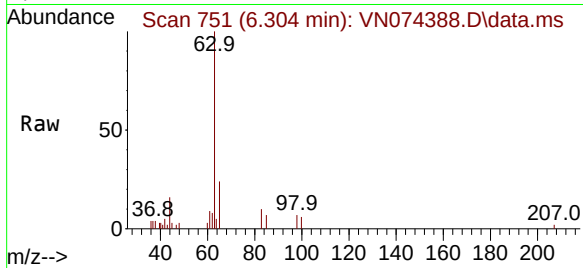




#24
1,1-Dichloroethane
Concen: 3.410 ug/l
RT: 6.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

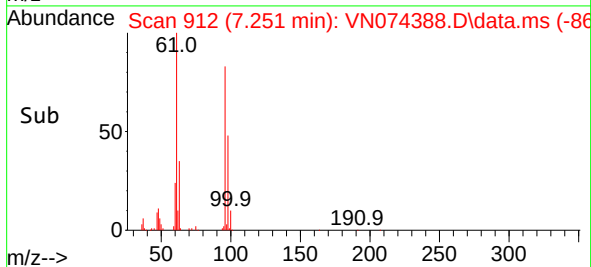
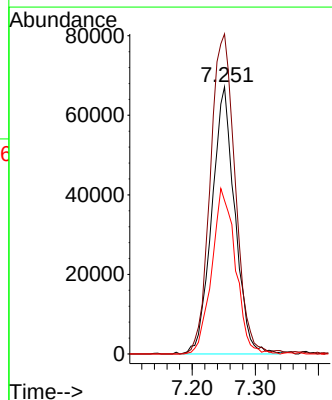
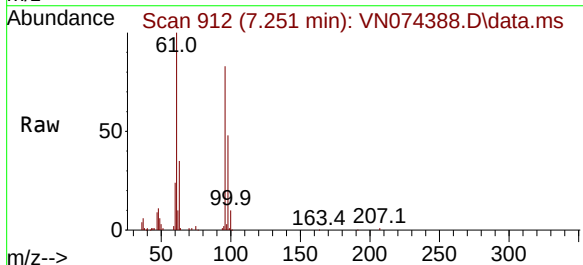
Instrument :
MSVOA_N
ClientSampleId :
BR-03D-479.5-499.5-083122-H

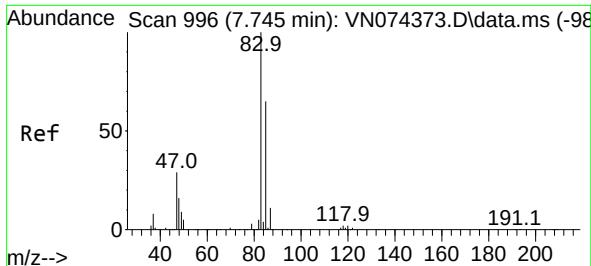
Tgt Ion: 63 Resp: 30825
Ion Ratio Lower Upper
63 100
98 6.8 2.9 8.6
100 6.2 2.0 5.8#



#27
cis-1,2-Dichloroethene
Concen: 30.924 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

Tgt Ion: 96 Resp: 170037
Ion Ratio Lower Upper
96 100
61 128.9 0.0 306.2
98 63.9 0.0 129.8

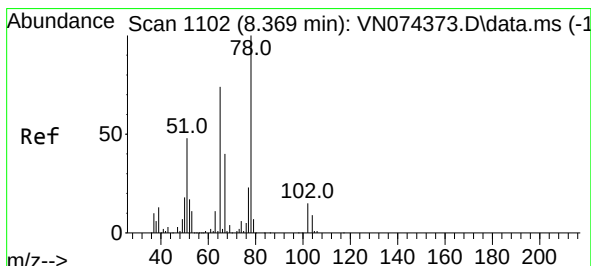
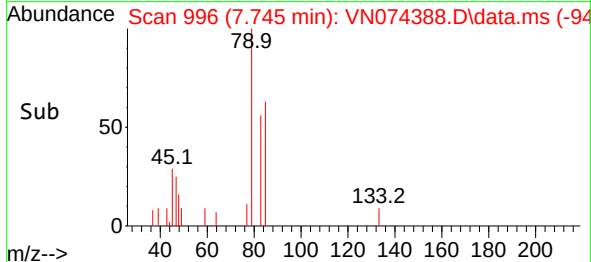
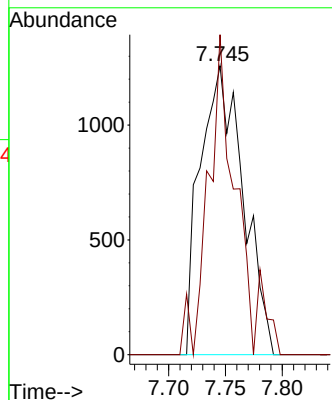
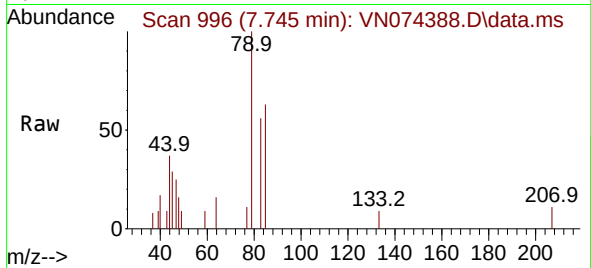




#30
Chloroform
Concen: 0.367 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

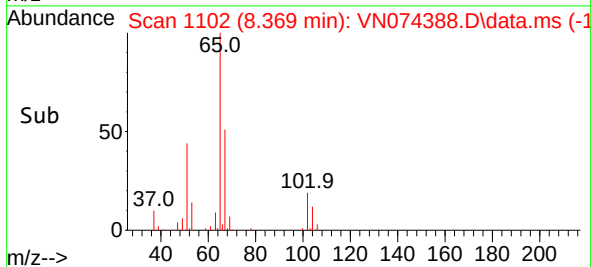
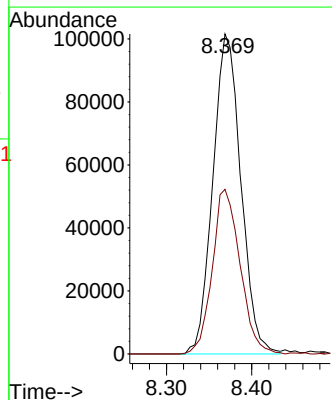
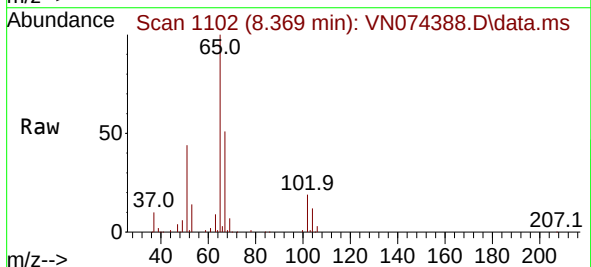
Instrument :
MSVOA_N
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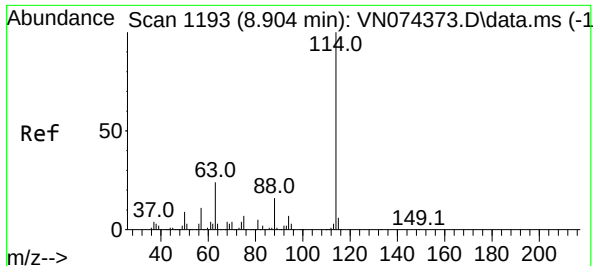
Tgt Ion: 83 Resp: 3313
Ion Ratio Lower Upper
83 100
85 110.7 51.8 77.6#



#33
1,2-Dichloroethane-d4
Concen: 41.951 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

Tgt Ion: 65 Resp: 231903
Ion Ratio Lower Upper
65 100
67 51.1 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: VN074388.D

Acq: 09 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

BR-03D-479.5-499.5-083122-H

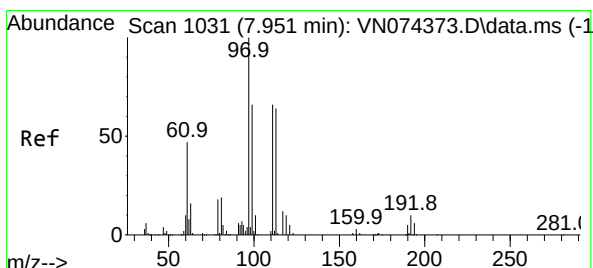
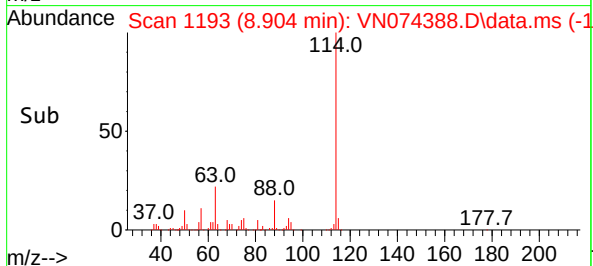
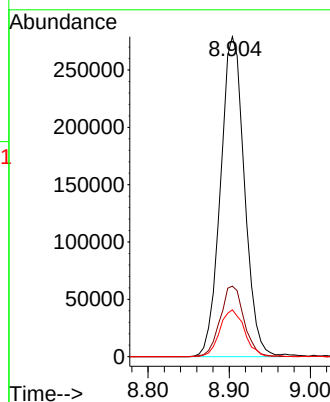
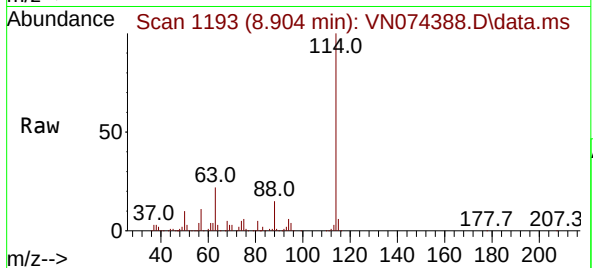
Tgt Ion:114 Resp: 571970

Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.6

88 14.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.840 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN074388.D

Acq: 09 Sep 2022 21:23

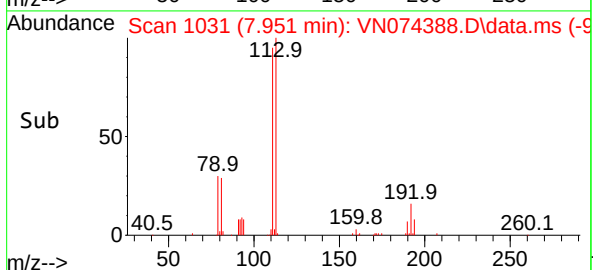
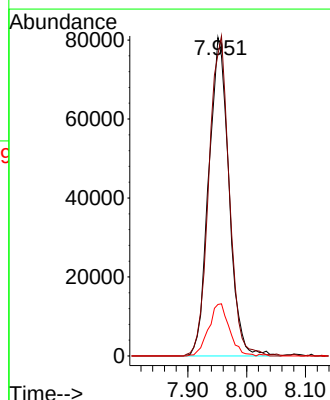
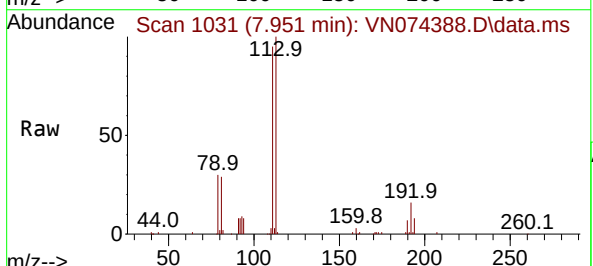
Tgt Ion:113 Resp: 192449

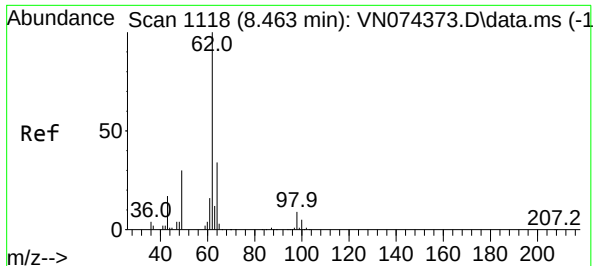
Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.4

192 16.8 13.7 20.5





#42

1,2-Dichloroethane

Concen: 1.989 ug/l

RT: 8.457 min Scan# 1117

Delta R.T. -0.006 min

Lab File: VN074388.D

Acq: 09 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

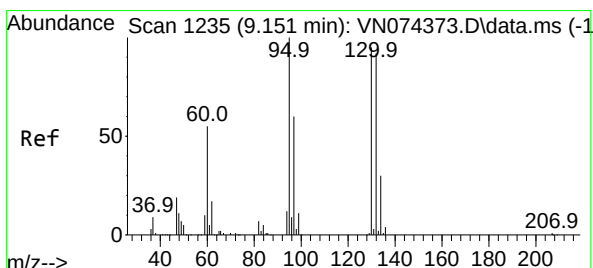
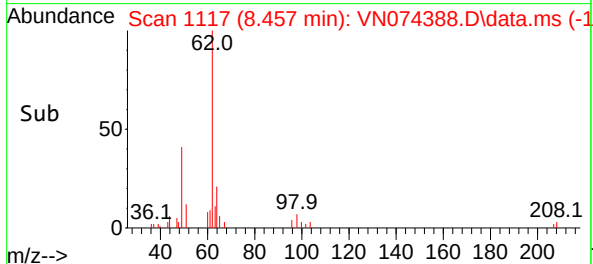
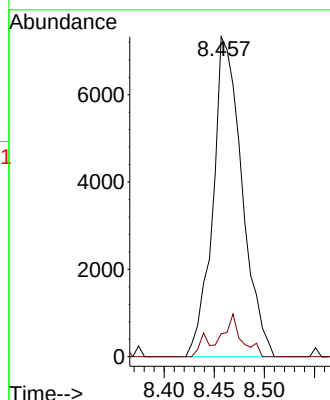
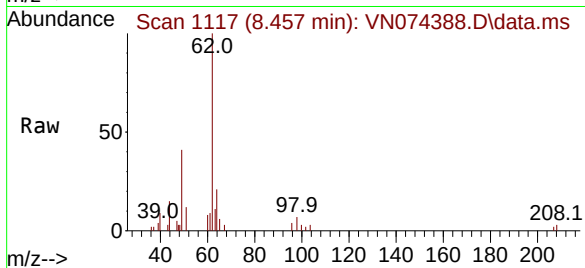
BR-03D-479.5-499.5-083122-H

Tgt Ion: 62 Resp: 14808

Ion Ratio Lower Upper

62 100

98 8.4 0.0 17.6



#44

Trichloroethene

Concen: 23.867 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VN074388.D

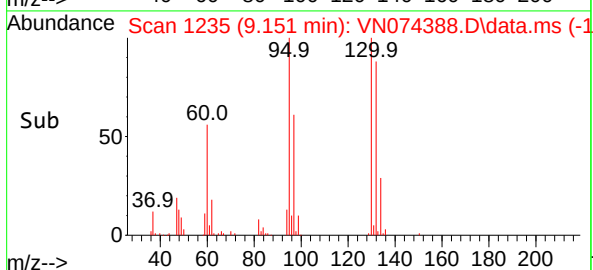
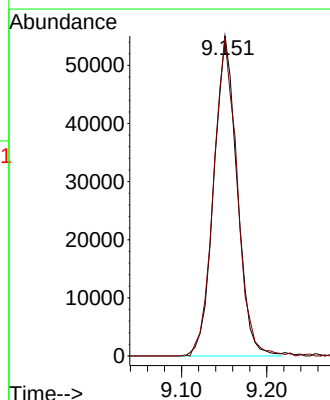
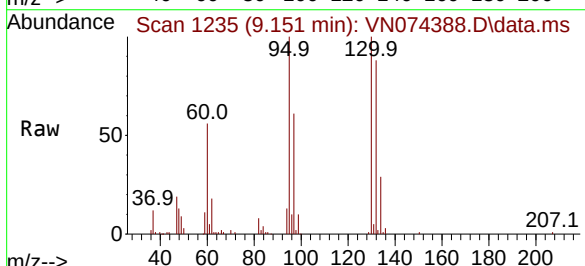
Acq: 09 Sep 2022 21:23

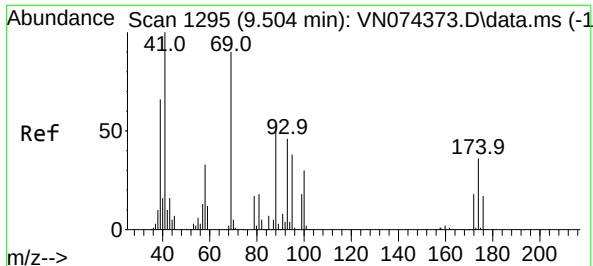
Tgt Ion:130 Resp: 104217

Ion Ratio Lower Upper

130 100

95 99.6 0.0 210.0

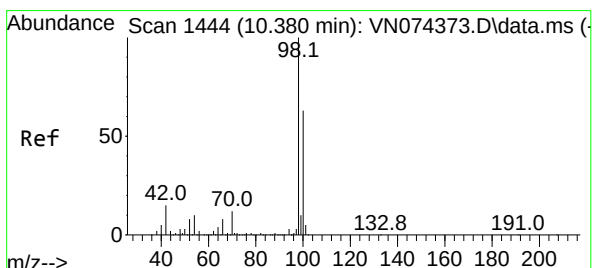
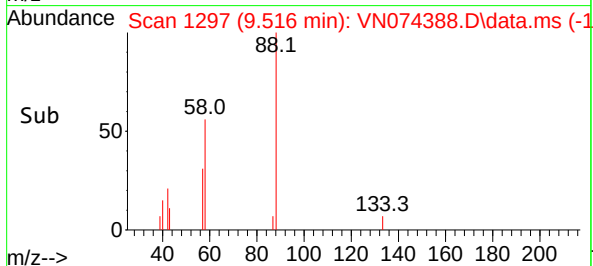
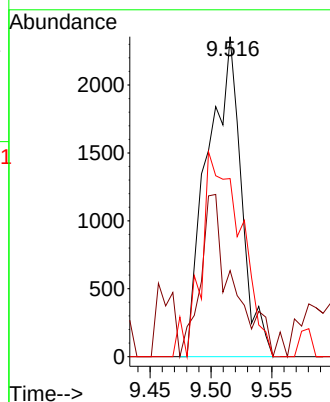
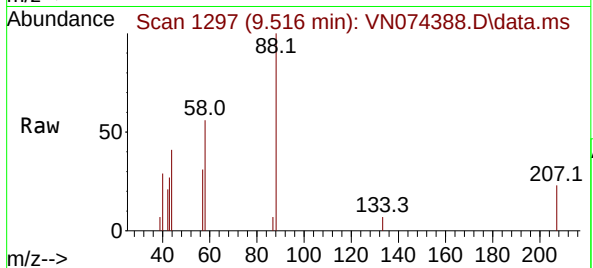




#49
1,4-Dioxane
Concen: 32.378 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

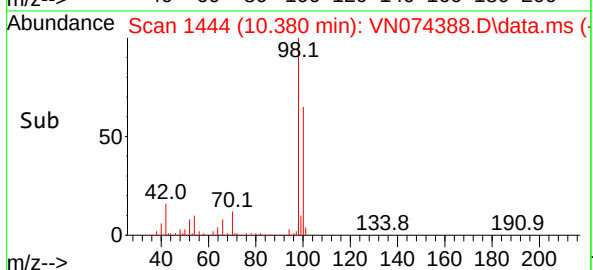
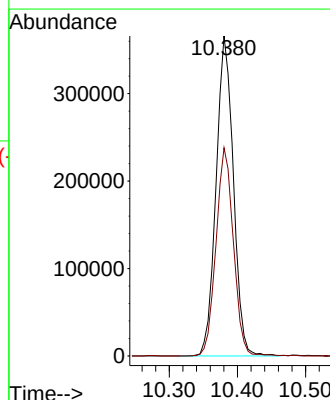
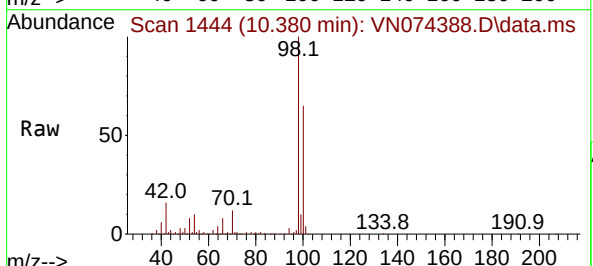
Instrument :
MSVOA_N
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BR-03D-479.5-499.5-083122-H

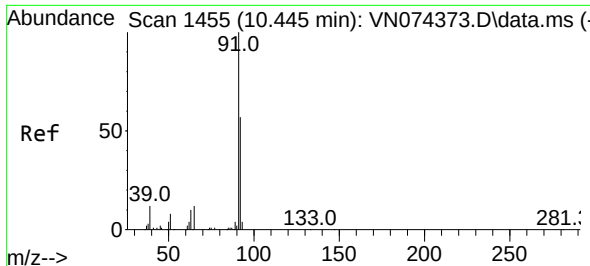
Tgt Ion: 88 Resp: 4538
Ion Ratio Lower Upper
88 100
43 48.4 26.9 40.3#
58 75.1 52.7 79.1



#50
Toluene-d8
Concen: 42.949 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

Tgt Ion: 98 Resp: 646191
Ion Ratio Lower Upper
98 100
100 65.5 50.6 76.0

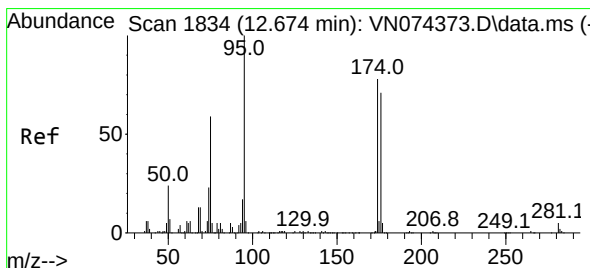
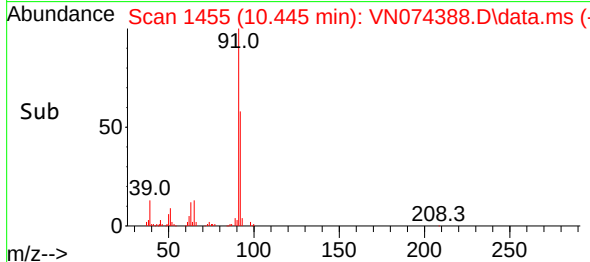
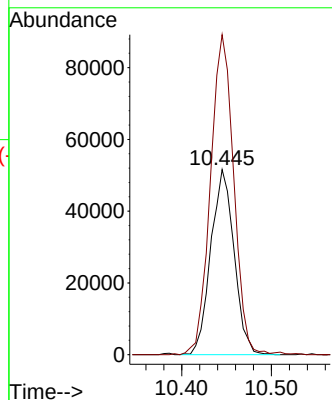
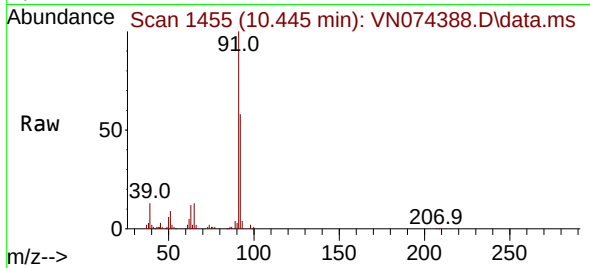




#52
Toluene
Concen: 7.715 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

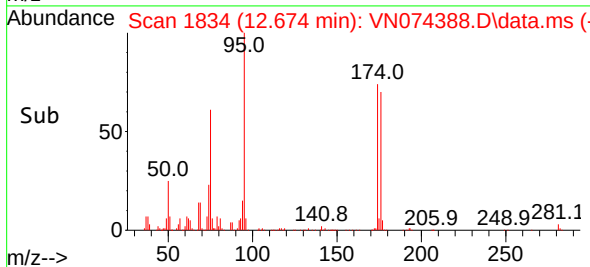
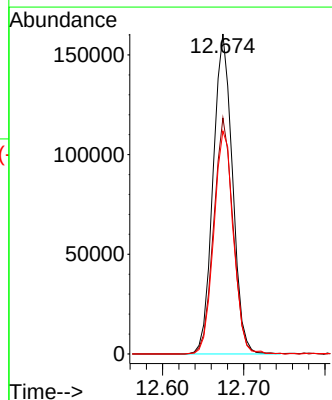
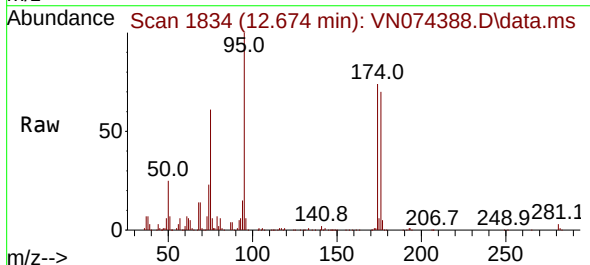
Instrument :
MSVOA_N
ClientSampleId :
BR-03D-479.5-499.5-083122-H

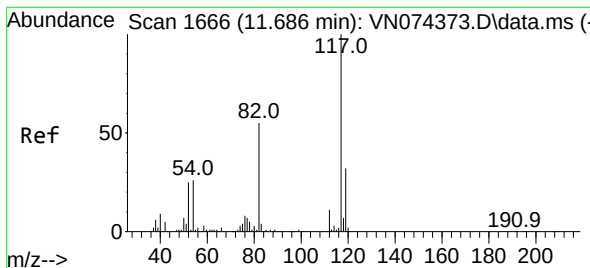
Tgt Ion: 92 Resp: 92928
Ion Ratio Lower Upper
92 100
91 173.5 139.8 209.6



#62
4-Bromofluorobenzene
Concen: 48.707 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074388.D
Acq: 09 Sep 2022 21:23

Tgt Ion: 95 Resp: 266062
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.6
176 70.6 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074388.D

Acq: 09 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

BR-03D-479.5-499.5-083122-H

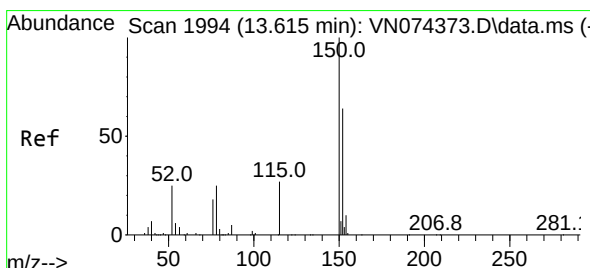
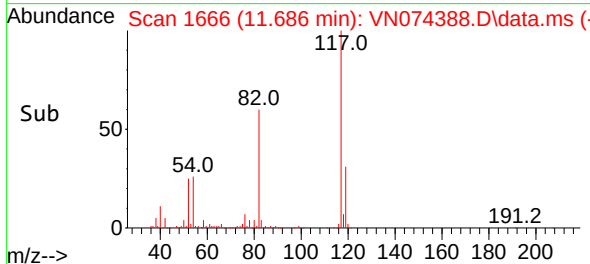
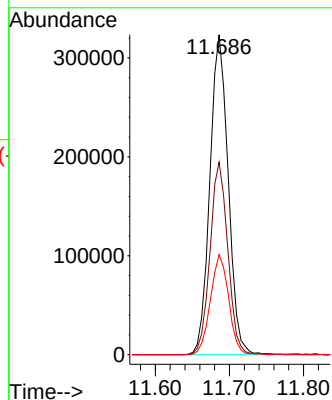
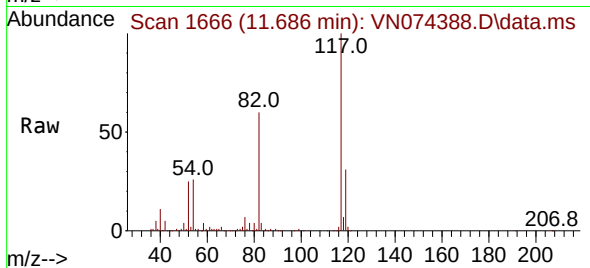
Tgt Ion:117 Resp: 555694

Ion Ratio Lower Upper

117 100

82 60.2 44.3 66.5

119 31.3 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: VN074388.D

Acq: 09 Sep 2022 21:23

Tgt Ion:152 Resp: 242660

Ion Ratio Lower Upper

152 100

115 60.6 32.0 96.0

150 159.9 0.0 359.6

