

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074688.D
 Acq On : 01 Oct 2022 04:24
 Operator : JC\MD
 Sample : N4945-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OW-01B-64-69-093022

Quant Time: Oct 03 02:11:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

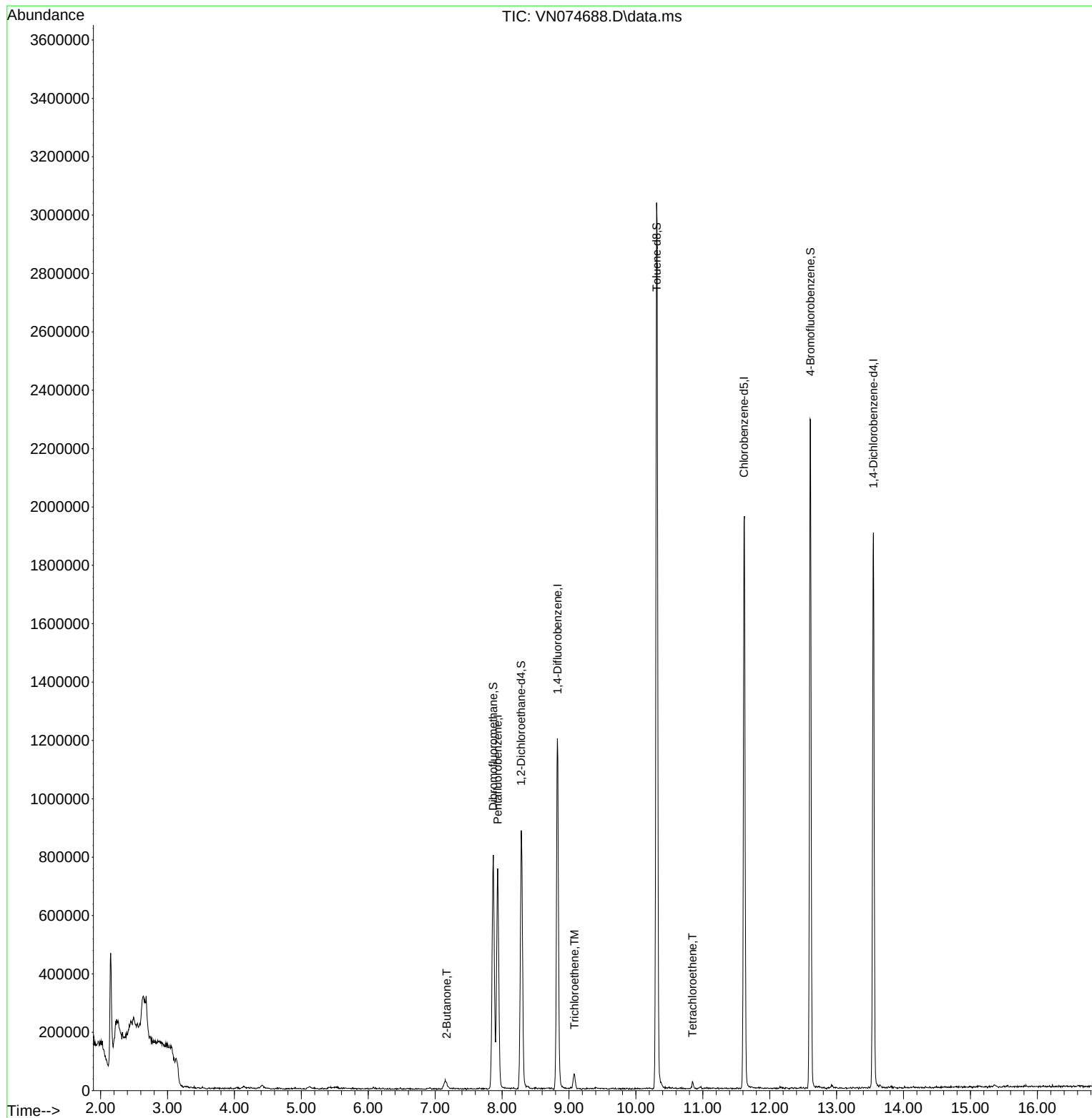
Internal Standards						
1) Pentafluorobenzene	7.933	168	538617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	1008607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	1028149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	466653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	663546	49.155	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.320%		
35) Dibromofluoromethane	7.869	113	543542	50.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.820%		
50) Toluene-d8	10.310	98	2077226	46.258	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.520%		
62) 4-Bromofluorobenzene	12.610	95	690031	48.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.920%		
Target Compounds						
					Qvalue	
25) 2-Butanone	7.175	43	22828	1.837	ug/l #	62
44) Trichloroethene	9.080	130	16669	1.518	ug/l	74
64) Tetrachloroethene	10.845	164	4036	0.464	ug/l #	73

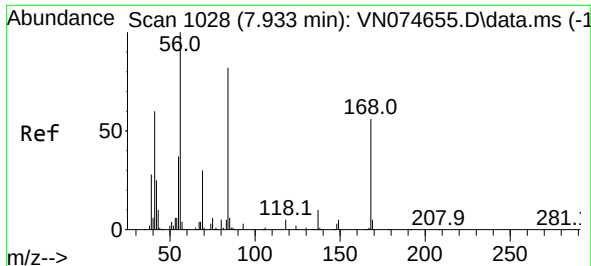
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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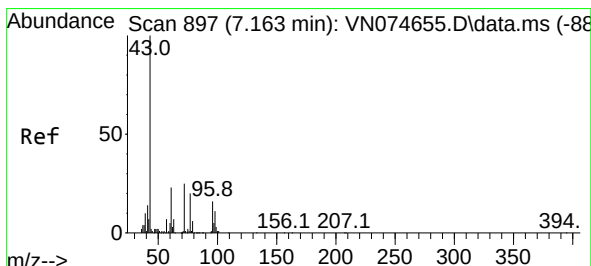
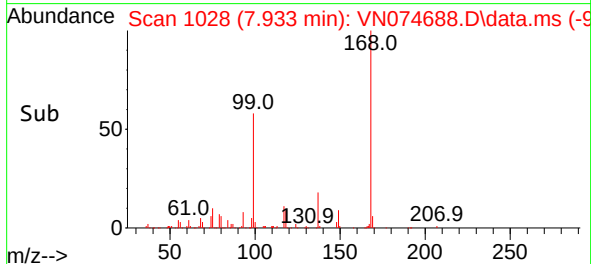
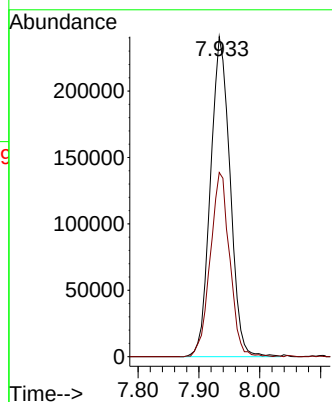
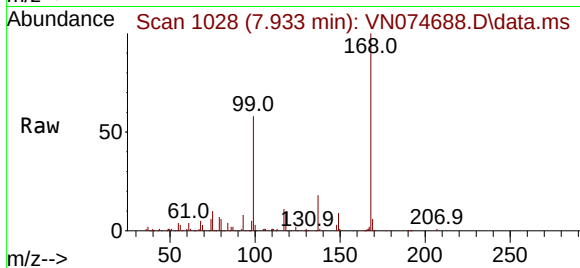




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074688.D
Acq: 01 Oct 2022 04:24

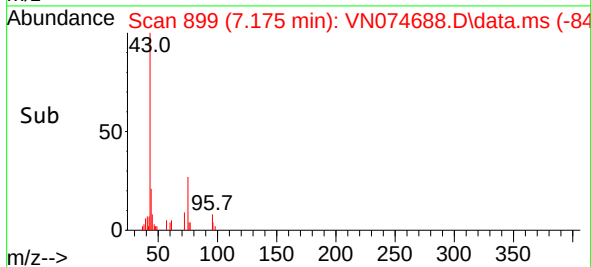
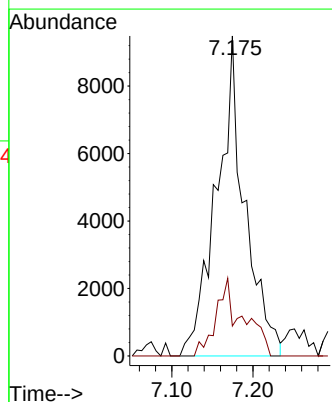
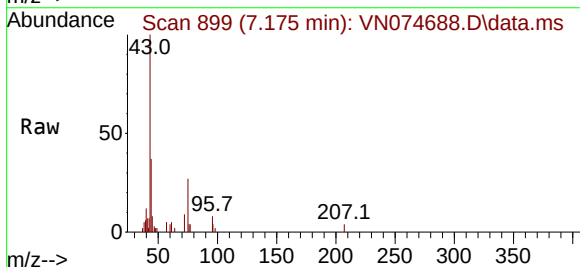
Instrument :
MSVOA_N
ClientSampleId :
OW-01B-64-69-093022

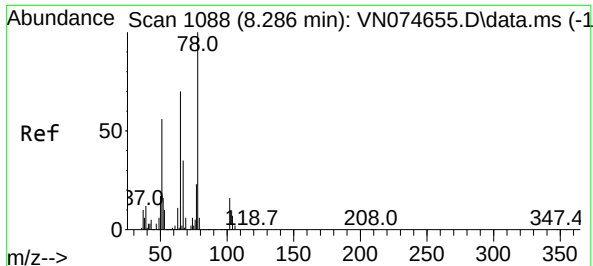
Tgt Ion:168 Resp: 538617
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#25
2-Butanone
Concen: 1.837 ug/l
RT: 7.175 min Scan# 899
Delta R.T. 0.012 min
Lab File: VN074688.D
Acq: 01 Oct 2022 04:24

Tgt Ion: 43 Resp: 22828
Ion Ratio Lower Upper
43 100
72 9.3 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 49.155 ug/l

RT: 8.286 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN074688.D

Acq: 01 Oct 2022 04:24

Instrument :

MSVOA_N

ClientSampleId :

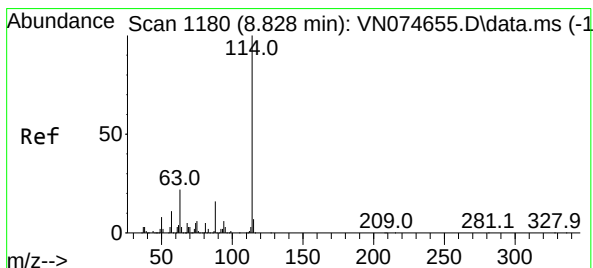
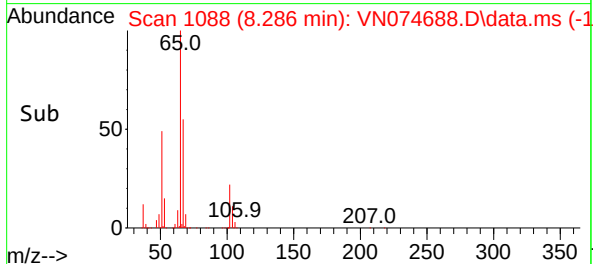
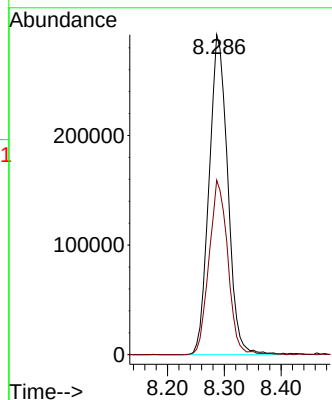
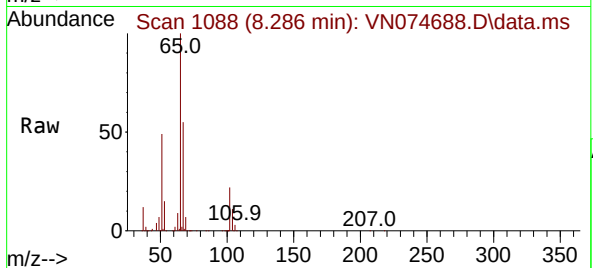
OW-01B-64-69-093022

Tgt Ion: 65 Resp: 663546

Ion Ratio Lower Upper

65 100

67 54.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074688.D

Acq: 01 Oct 2022 04:24

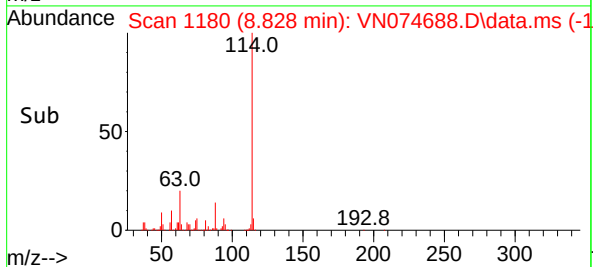
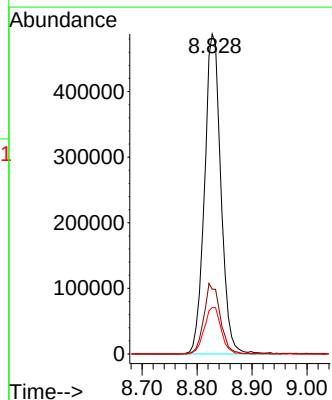
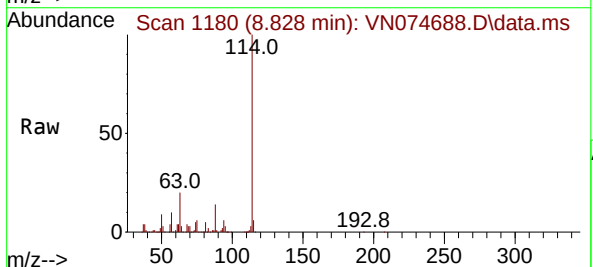
Tgt Ion: 114 Resp: 1008607

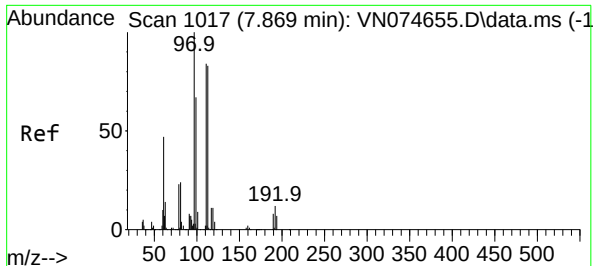
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 14.5 0.0 32.6

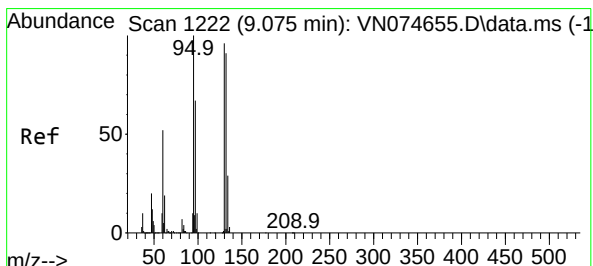
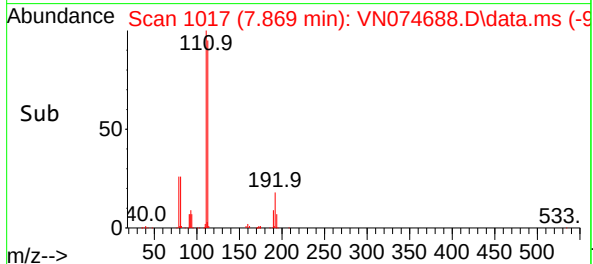
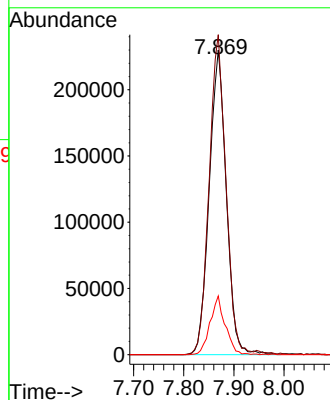
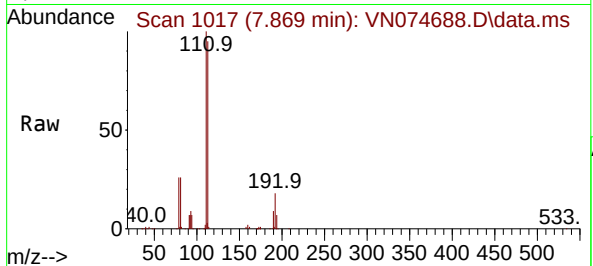




#35
Dibromofluoromethane
Concen: 50.914 ug/l
RT: 7.869 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VN074688.D
Acq: 01 Oct 2022 04:24

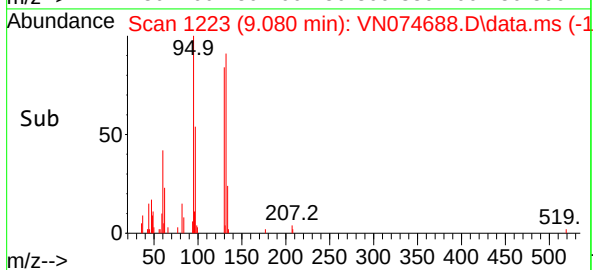
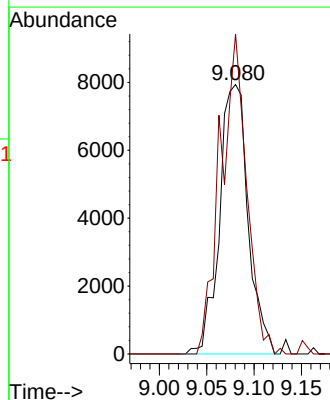
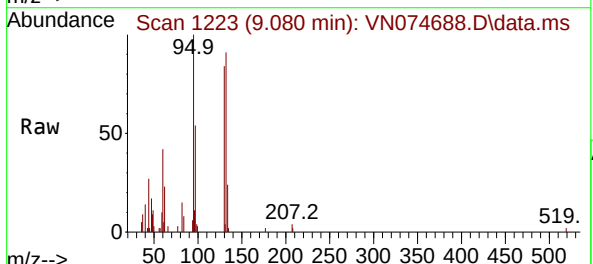
Instrument :
MSVOA_N
ClientSampleId :
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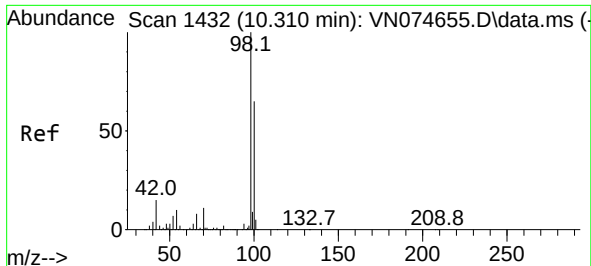
Tgt Ion:113 Resp: 543542
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 17.1 17.0 25.6



#44
Trichloroethene
Concen: 1.518 ug/l
RT: 9.080 min Scan# 1223
Delta R.T. 0.005 min
Lab File: VN074688.D
Acq: 01 Oct 2022 04:24

Tgt Ion:130 Resp: 16669
Ion Ratio Lower Upper
130 100
95 118.8 0.0 186.8

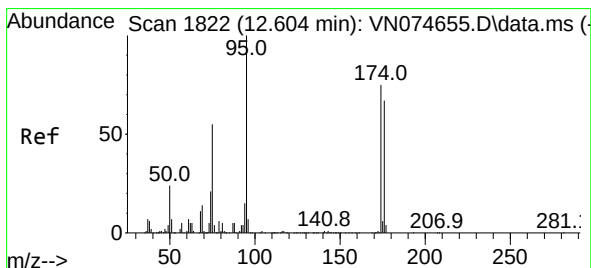
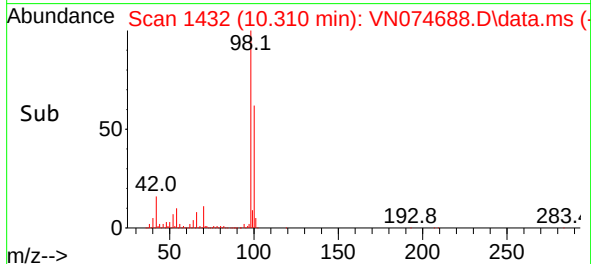
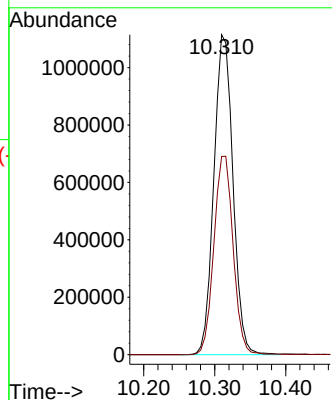
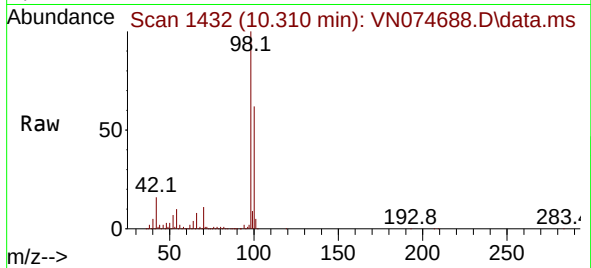




#50
Toluene-d8
Concen: 46.258 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074688.D
Acq: 01 Oct 2022 04:24

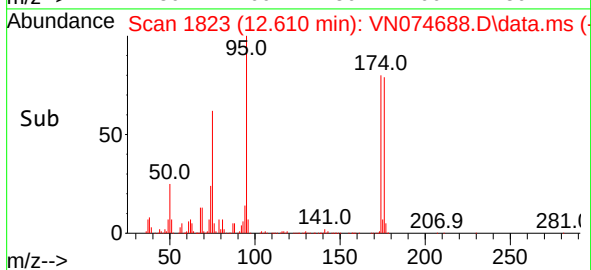
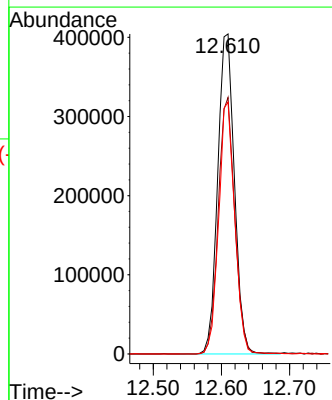
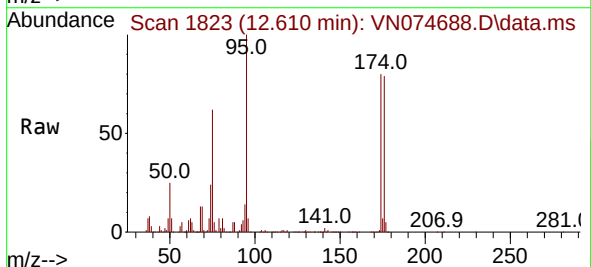
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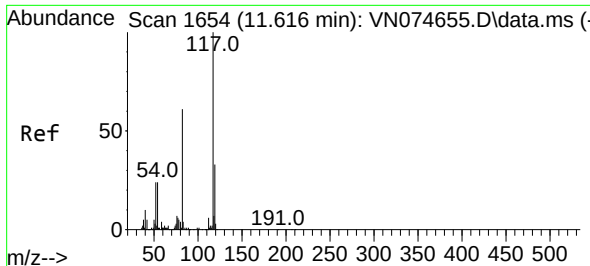
Tgt Ion: 98 Resp: 2077226
Ion Ratio Lower Upper
98 100
100 62.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.461 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074688.D
Acq: 01 Oct 2022 04:24

Tgt Ion: 95 Resp: 690031
Ion Ratio Lower Upper
95 100
174 78.8 0.0 167.6
176 75.5 0.0 163.4

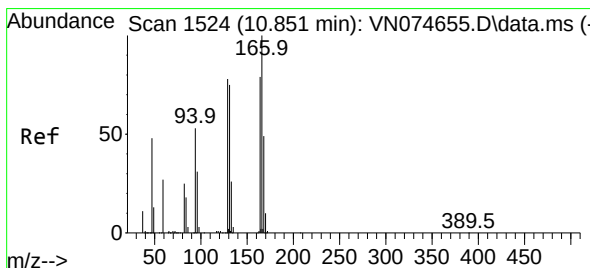
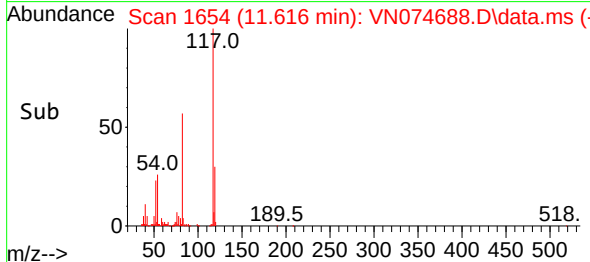
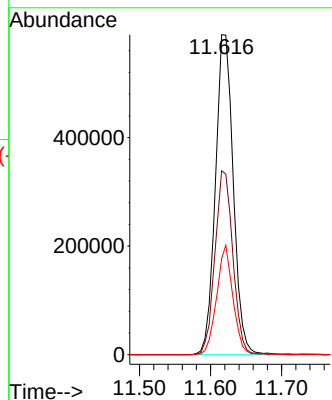
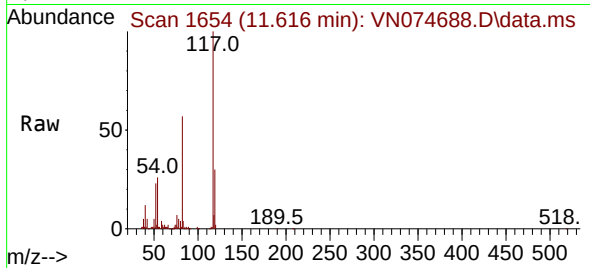




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074688.D
Acq: 01 Oct 2022 04:24

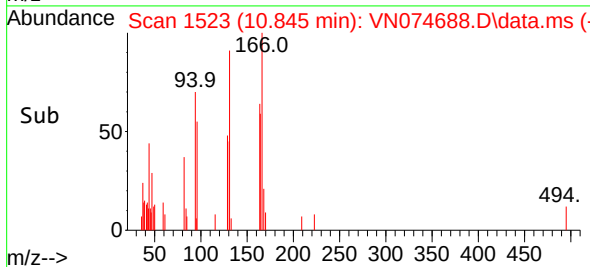
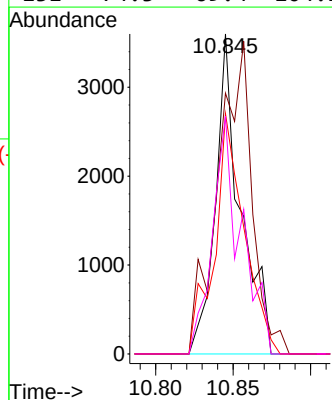
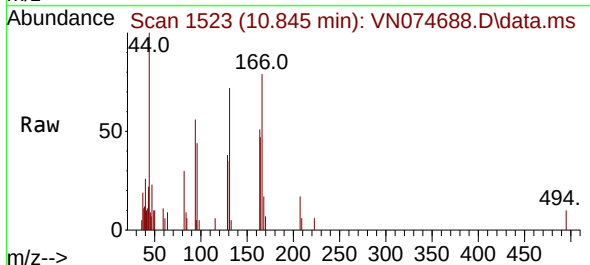
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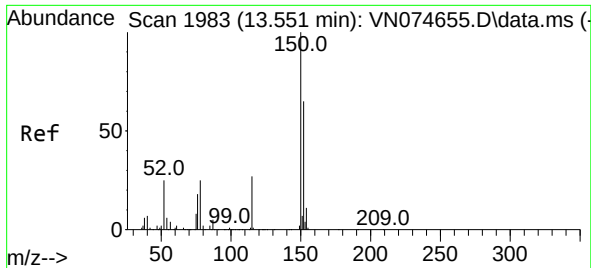
Tgt Ion:117 Resp: 1028149
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 30.1 25.4 38.0



#64
Tetrachloroethene
Concen: 0.464 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN074688.D
Acq: 01 Oct 2022 04:24

Tgt Ion:164 Resp: 4036
Ion Ratio Lower Upper
164 100
166 81.5 104.2 156.2#
129 75.1 73.9 110.9
131 74.3 69.4 104.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN074688.D
 Acq: 01 Oct 2022 04:24

Instrument :
 MSVOA_N
 ClientSampleId :
 OW-01B-64-69-093022

Tgt Ion:152 Resp: 466653

Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.9	86.7
150	158.0	0.0	356.2

